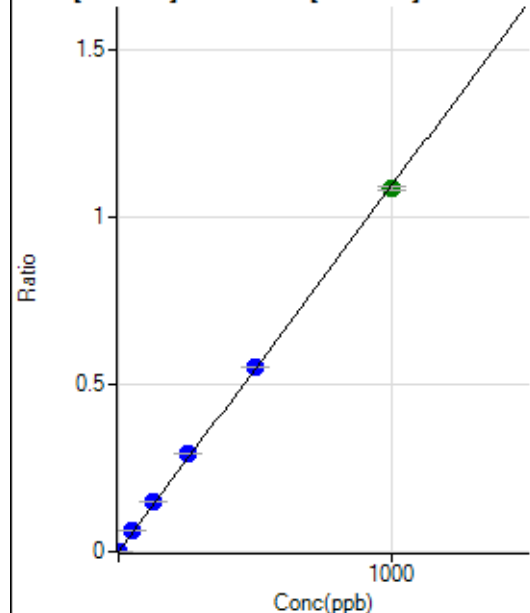


Batch Folder: D:\P8101117 -MS .b\
Analysis File: P8101117 -MS .batch.bin
DA Date-Time: 2017-10-11 16:32:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-11 10:38:18
2			
3	005CALS.d	S02	2017-10-11 10:45:26
4	006CALS.d	S03	2017-10-11 10:48:55
5	007CALS.d	S04	2017-10-11 10:52:24
6	008CALS.d	S05	2017-10-11 10:55:47
7	009CALS.d	S06	2017-10-11 10:59:06
8	010CALS.d	S07	2017-10-11 11:02:22
9	011CALS.d	S08	2017-10-11 11:05:31

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29.63	0.0000	P	20.4
2	☐	0.100					
3	☐	1.000	1.059	1092.67	0.0012	P	5.8
4	☐	50.000	56.034	59588.39	0.0612	P	1.3
5	☐	125.000	136.897	149323.40	0.1496	P	1.2
6	☐	250.000	266.476	297009.18	0.2911	P	0.3
7	☐	500.000	504.840	561447.76	0.5515	P	0.5
8	☐	1000.000	991.672	1142430.47	1.0834	A	1.2
9	☐			300.01	0.0003	P	13.6

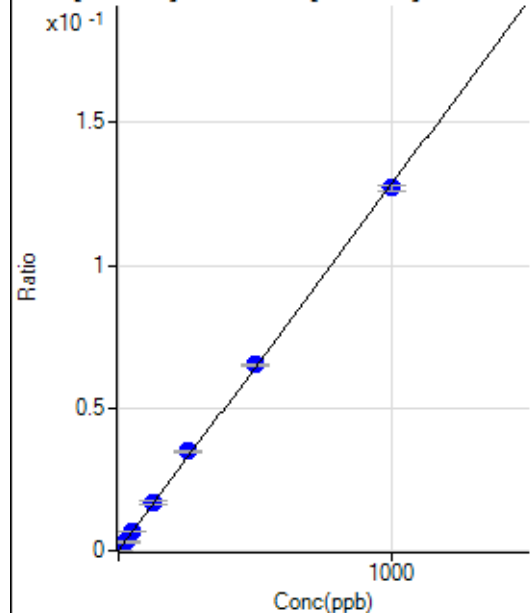
$$y = 0.0011 * x + 3.1127E-005$$

$$R = 0.9998$$

$$DL = 0.01743$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0001	P	32.0
2	☐	2.500					
3	☐	25.000	23.337	2833.74	0.0031	P	7.2
4	☐	50.000	53.412	6746.33	0.0069	P	3.1
5	☐	125.000	130.910	16841.09	0.0169	P	4.8
6	☐	250.000	270.006	35408.60	0.0347	P	3.7
7	☐	500.000	508.034	66401.44	0.0652	P	1.1
8	☐	1000.000	990.114	133983.94	0.1271	P	1.8
9	☐			5187.28	0.0050	P	11.8

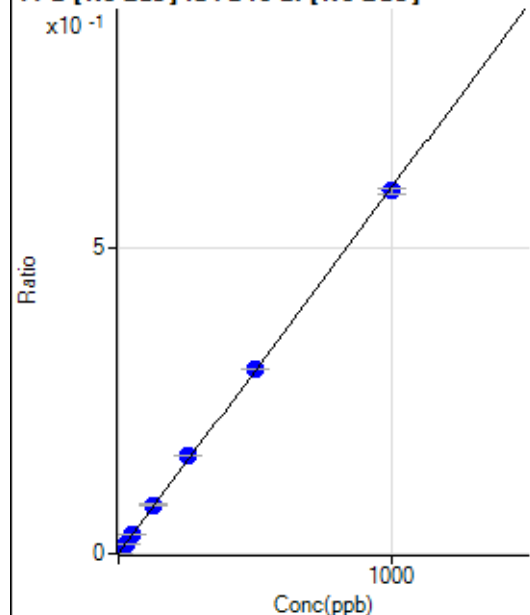
$$y = 1.2824E-004 * x + 8.4516E-005$$

$$R = 0.9997$$

$$DL = 0.6333$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.13	0.0004	P	18.0
2	☐	2.500					
3	☐	25.000	23.812	13431.80	0.0146	P	5.4
4	☐	50.000	52.843	31045.66	0.0319	P	3.1
5	☐	125.000	133.180	79702.13	0.0798	P	3.4
6	☐	250.000	268.901	164075.43	0.1608	P	0.8
7	☐	500.000	505.515	307473.15	0.3020	P	0.5
8	☐	1000.000	991.382	624207.00	0.5919	P	1.8
9	☐			23973.63	0.0233	P	7.2

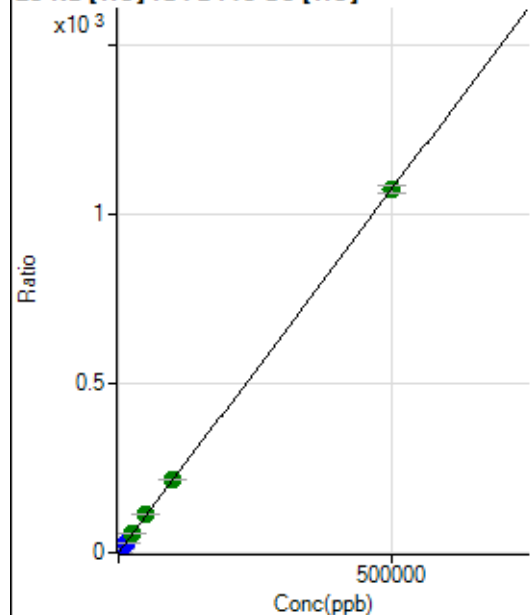
$$y = 5.9671\text{E-}004 * x + 3.7981\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3436$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9256.18	0.2673	P	4.1
2	☐	50.000					
3	☐	500.000	475.794	43369.81	1.2864	P	2.5
4	☐	5000.000	5332.194	391424.57	11.6886	P	0.9
5	☐	12500.000	13202.997	977308.09	28.5475	P	0.8
6	☐	25000.000	27235.108	1928816.56	58.6037	A	1.9
7	☐	50000.000	51796.213	3444135.10	111.2124	A	0.3
8	☐	100000.00	100224.13	6582533.26	214.9428	A	1.9
9	☐	500000.00	499642.92	34259243.47	1,070.479	A	2.1

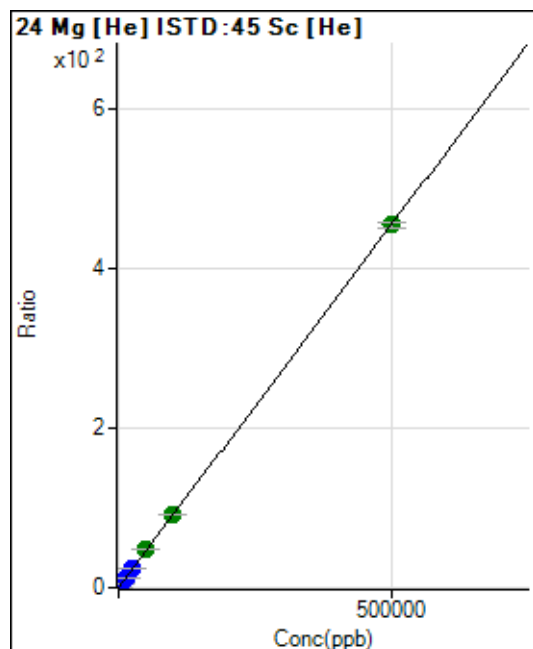
$$y = 0.0021 * x + 0.2673$$

$$R = 1.0000$$

$$DL = 15.31$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0027	P	13.1
2	☐	50.000					
3	☐	500.000	461.901	14268.96	0.4232	P	1.9
4	☐	5000.000	5271.688	160800.22	4.8020	P	1.8
5	☐	12500.000	13133.282	409417.35	11.9592	P	0.9
6	☐	25000.000	26440.254	792305.47	24.0738	P	2.2
7	☐	50000.000	52033.820	1467128.17	47.3740	A	0.6
8	☐	100000.00	100200.41	2793897.27	91.2246	A	1.1
9	☐	500000.00	499666.01	14558512.65	454.8958	A	1.9

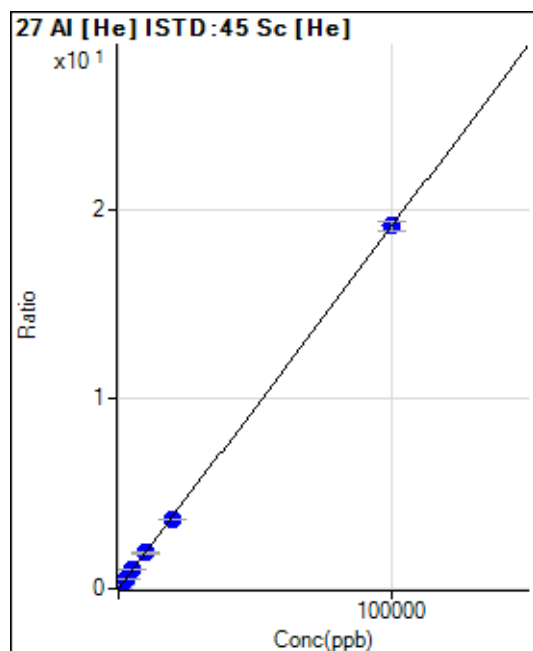
$$y = 9.1039\text{E-}004 * x + 0.0027$$

$$R = 1.0000$$

$$DL = 1.178$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0010	P	35.6
2	☐	2.000					
3	☐	20.000	18.247	152.79	0.0045	P	22.0
4	☐	1000.000	998.465	6426.75	0.1919	P	2.0
5	☐	2500.000	2575.938	16891.24	0.4934	P	1.1
6	☐	5000.000	5167.217	32538.36	0.9887	P	3.3
7	☐	10000.000	9842.138	58293.09	1.8823	P	1.8
8	☐	20000.000	19214.193	112512.46	3.6736	P	0.9
9	☐	100000.00	100162.70	612738.79	19.1460	P	2.6

$$y = 1.9114\text{E-}004 * x + 0.0010$$

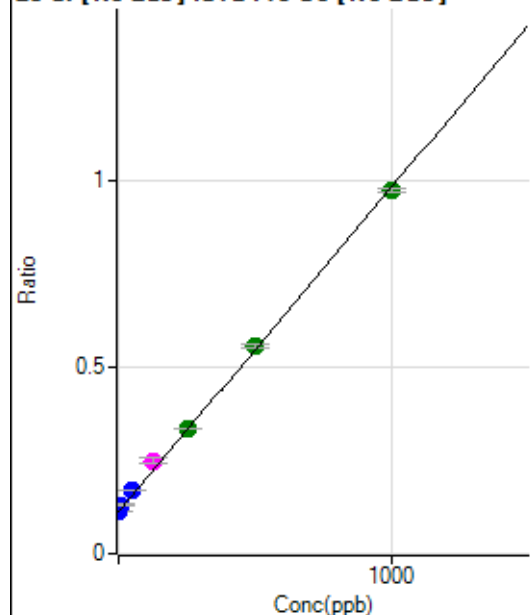
$$R = 1.0000$$

$$DL = 5.838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	429043.75	0.1124	P	0.7
2	☐	1.000					
3	☐	10.000	21.466	482867.19	0.1310	P	1.4
4	☐	50.000	67.177	652607.11	0.1707	P	1.1
5	☐	125.000	157.362	963357.61	0.2489	M	7.2
6	☐	250.000	255.659	1296333.93	0.3342	A	0.5
7	☐	500.000	509.363	2050893.38	0.5543	A	1.4
8	☐	1000.000	988.885	3735805.51	0.9703	A	0.9
9	☐			445284.98	0.1161	P	0.4

$$y = 8.6756E-004 * x + 0.1124$$

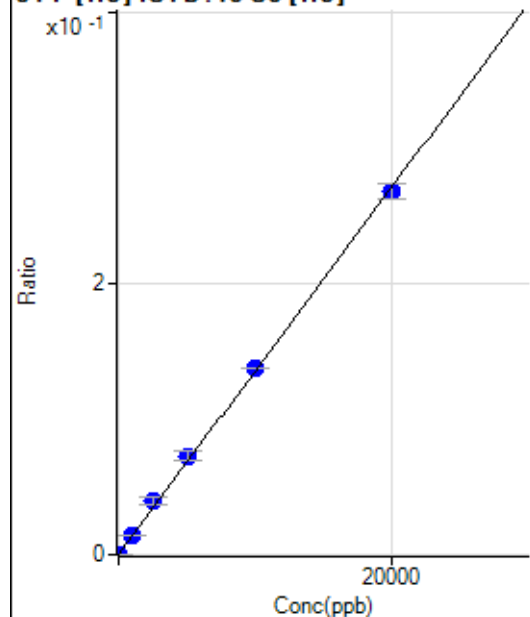
$$R = 0.9995$$

$$DL = 2.673$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.788	8.33	0.0002	P	99.7
2	☐	0.000					
3	☐	0.000	-2.788	5.55	0.0002	P	86.6
4	☐	1000.000	1025.924	472.25	0.0141	P	3.4
5	☐	2500.000	2879.358	1341.79	0.0392	P	14.6
6	☐	5000.000	5381.619	2405.87	0.0731	P	8.3
7	☐	10000.000	10183.349	4278.62	0.1382	P	0.2
8	☐	20000.000	19764.205	8205.48	0.2680	P	4.1
9	☐			5.55	0.0002	P	86.6

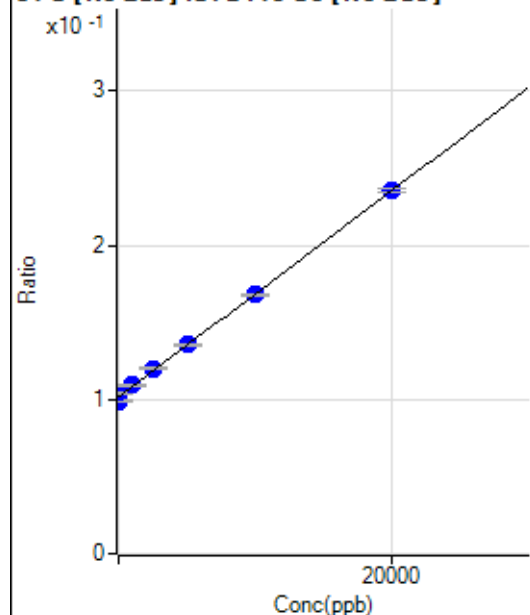
$$y = 1.3547E-005 * x + 2.0250E-004$$

$$R = 0.9996$$

$$DL = 42.32$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-394.478	378367.76	0.0991	P	0.2
2	☐	0.000					
3	☐	0.000	394.478	384758.97	0.1044	P	0.6
4	☐	1000.000	1184.471	419347.49	0.1097	P	1.1
5	☐	2500.000	2756.915	465106.40	0.1202	P	1.0
6	☐	5000.000	5070.716	526188.63	0.1356	P	1.2
7	☐	10000.000	9926.552	622075.00	0.1681	P	0.8
8	☐	20000.000	19977.707	906009.29	0.2353	P	1.1
9	☐			362546.42	0.0945	P	0.8

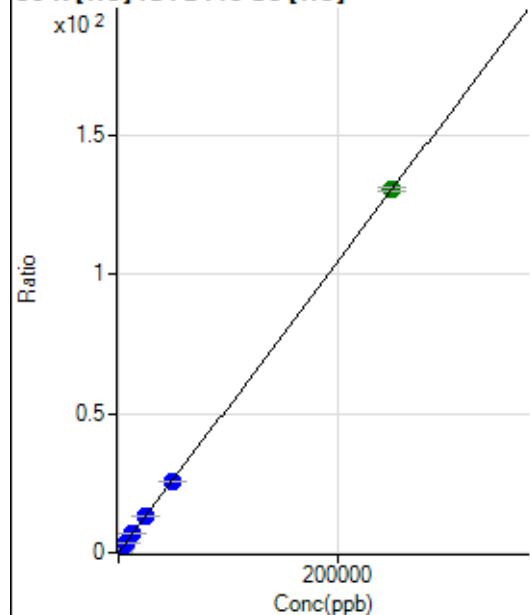
$$y = 6.6862\text{E-}006 * x + 0.1017$$

$$R = 0.9994$$

$$DL = 188.7$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3089.37	0.0892	P	2.7
2	☐	50.000					
3	☐	500.000	489.214	11596.96	0.3440	P	3.3
4	☐	2500.000	2681.264	49749.87	1.4857	P	2.4
5	☐	6250.000	6521.436	119331.12	3.4857	P	1.0
6	☐	12500.000	13256.581	230179.60	6.9935	P	1.6
7	☐	25000.000	24986.226	405775.02	13.1026	P	0.8
8	☐	50000.000	48744.192	780247.52	25.4763	P	1.2
9	☐	250000.00	250206.13	4173690.98	130.4020	A	1.2

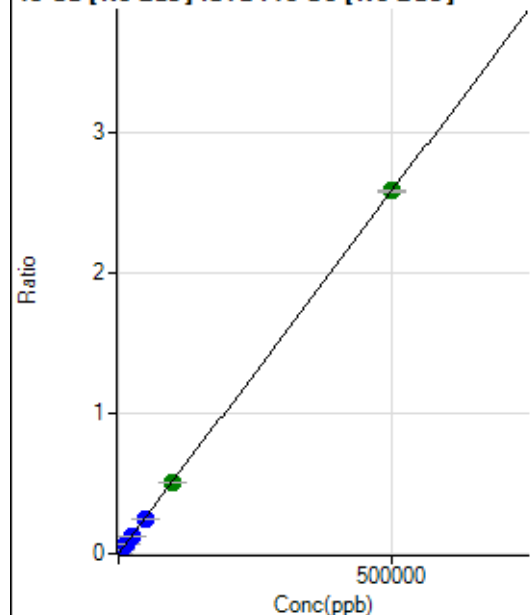
$$y = 5.2082\text{E-}004 * x + 0.0892$$

$$R = 1.0000$$

$$DL = 14.04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2100.27	0.0006	P	9.9
2	☐	50.000					
3	☐	500.000	417.261	9962.28	0.0027	P	4.6
4	☐	5000.000	4769.622	96198.32	0.0252	P	1.3
5	☐	12500.000	12314.639	248015.71	0.0641	P	0.2
6	☐	25000.000	24793.842	498327.81	0.1285	P	0.3
7	☐	50000.000	48461.218	927303.23	0.2506	P	0.6
8	☐	100000.00	97466.436	1938161.13	0.5034	A	0.1
9	☐	500000.00	500677.91	9907342.93	2.5835	A	0.6

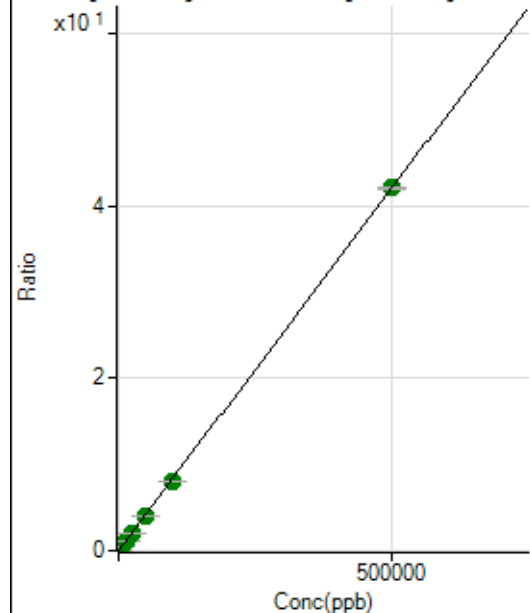
$$y = 5.1590\text{E-}006 * x + 5.5015\text{E-}004$$

$$R = 1.0000$$

$$DL = 31.75$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19806.42	0.0052	P	1.5
2	☐	50.000					
3	☐	500.000	435.477	153877.15	0.0417	P	1.3
4	☐	5000.000	4907.991	1595341.66	0.4172	A	1.5
5	☐	12500.000	12284.546	4011351.52	1.0364	A	0.6
6	☐	25000.000	24602.432	8031852.17	2.0705	A	0.9
7	☐	50000.000	48468.217	15076886.97	4.0740	A	1.0
8	☐	100000.00	96308.358	31146683.68	8.0900	A	1.1
9	☐	500000.00	500917.75	161275688.3	42.0560	A	0.7

$$y = 8.3948\text{E-}005 * x + 0.0052$$

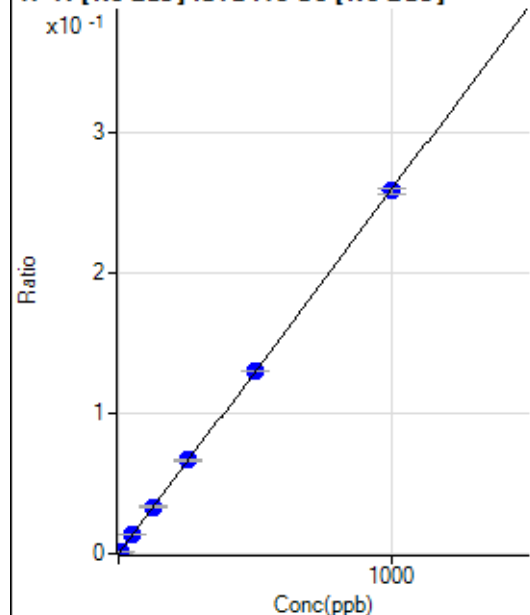
$$R = 1.0000$$

$$DL = 2.725$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	4.486	4464.79	0.0012	P	3.7
4	☐	50.000	50.650	50461.44	0.0132	P	0.7
5	☐	125.000	129.229	130024.69	0.0336	P	0.6
6	☐	250.000	257.794	259794.10	0.0670	P	1.6
7	☐	500.000	501.976	482447.43	0.1304	P	0.3
8	☐	1000.000	996.505	996178.58	0.2587	P	1.2
9	☐			602.82	0.0002	P	7.7

$$y = 2.5961\text{E-}004 * x + 4.6560\text{E-}005$$

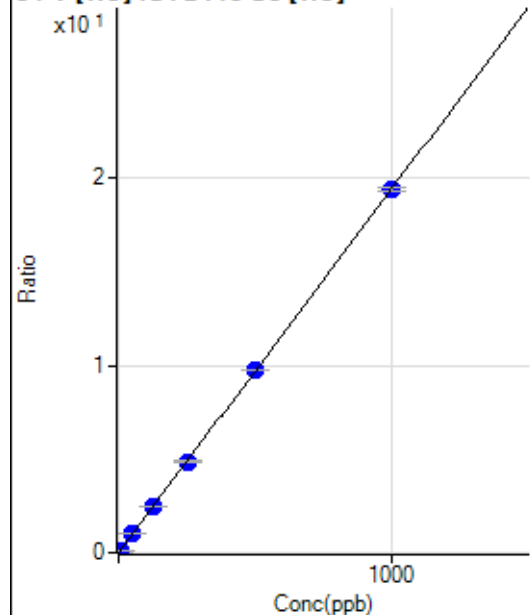
$$R = 1.0000$$

$$DL = 0.1237$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0002	P	65.9
2	☐	0.500					
3	☐	5.000	4.489	2947.03	0.0874	P	2.5
4	☐	50.000	50.776	33034.59	0.9865	P	1.7
5	☐	125.000	126.108	83861.34	2.4496	P	1.0
6	☐	250.000	250.887	160395.52	4.8732	P	1.5
7	☐	500.000	503.424	302823.98	9.7783	P	0.4
8	☐	1000.000	997.892	593609.78	19.3824	P	1.2
9	☐			124.45	0.0039	P	17.1

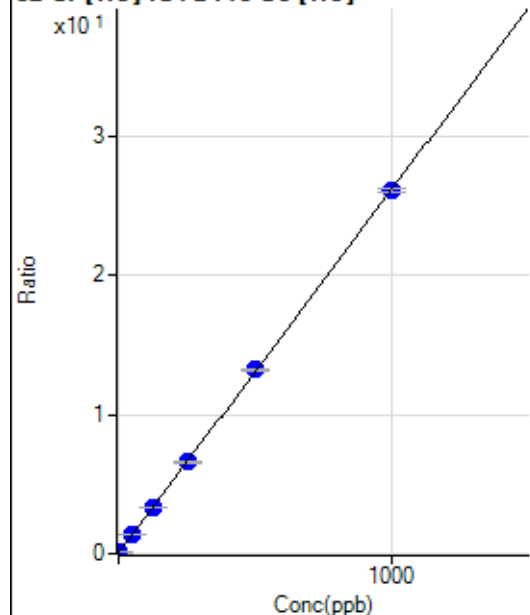
$$y = 0.0194 * x + 2.2491\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02288$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.70	0.0221	P	10.1
2	☐	0.200					
3	☐	2.000	2.036	2541.39	0.0754	P	7.9
4	☐	50.000	51.268	45654.49	1.3634	P	1.4
5	☐	125.000	124.987	112693.63	3.2920	P	1.8
6	☐	250.000	251.741	217492.29	6.6080	P	1.6
7	☐	500.000	505.120	409924.34	13.2367	P	0.4
8	☐	1000.000	996.943	799461.57	26.1034	P	1.1
9	☐			12501.29	0.3906	P	2.3

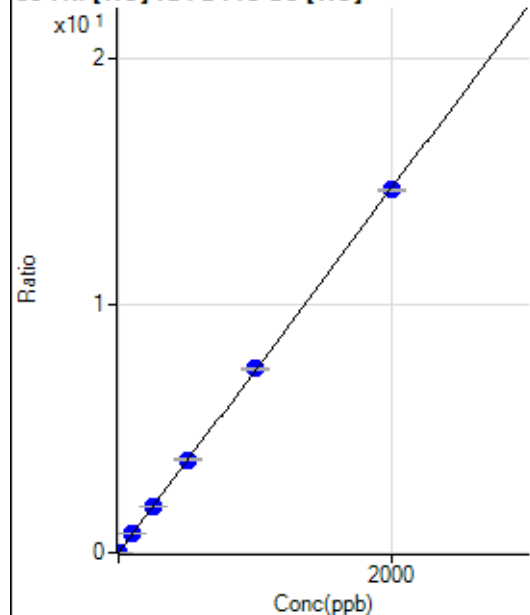
$$y = 0.0262 * x + 0.0221$$

$$R = 1.0000$$

$$DL = 0.2577$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0006	P	29.2
2	☐	0.100					
3	☐	1.000	0.985	264.45	0.0078	P	8.7
4	☐	100.000	102.753	25385.53	0.7581	P	0.8
5	☐	250.000	252.077	63635.18	1.8589	P	1.3
6	☐	500.000	510.991	123999.71	3.7675	P	2.0
7	☐	1000.000	1010.898	230807.12	7.4528	P	0.7
8	☐	2000.000	1991.406	449636.97	14.6810	P	0.8
9	☐			1759.04	0.0550	P	4.1

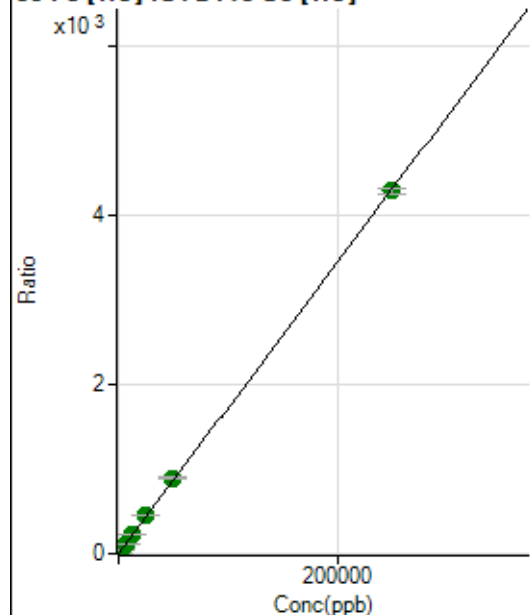
$$y = 0.0074 * x + 5.7804E-004$$

$$R = 1.0000$$

$$DL = 0.06872$$

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	1403.82	0.0405	P	1.6
2	☐	5.000					
3	☐	50.000	47.344	28841.44	0.8555	P	3.7
4	☐	2500.000	2700.721	1558166.56	46.5278	A	0.2
5	☐	6250.000	6575.814	3876327.75	113.2294	A	1.0
6	☐	12500.000	13337.194	7557087.38	229.6123	A	1.9
7	☐	25000.000	26340.156	14042179.94	453.4310	A	0.3
8	☐	50000.000	52066.786	27448915.89	896.2608	A	1.3
9	☐	250000.00	249400.61	137394678.0	4,292.947	A	1.6

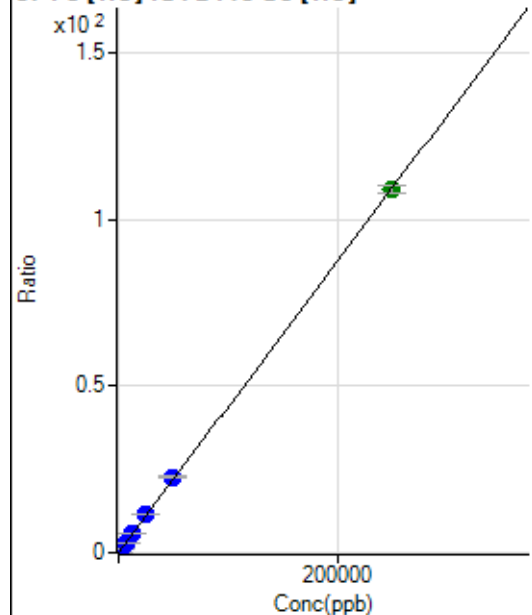
$$y = 0.0172 * x + 0.0405$$

$$R = 1.0000$$

$$DL = 0.1101$$

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	57.41	0.0017	P	20.0
2	☐	5.000					
3	☐	50.000	54.879	863.02	0.0256	P	8.5
4	☐	2500.000	2623.969	38388.64	1.1465	P	3.9
5	☐	6250.000	6456.967	96504.11	2.8190	P	1.0
6	☐	12500.000	13381.633	192226.32	5.8403	P	1.5
7	☐	25000.000	26291.965	355320.77	11.4734	P	0.7
8	☐	50000.000	51872.321	693181.94	22.6346	P	1.8
9	☐	250000.00	249445.84	3483271.26	108.8398	A	2.2

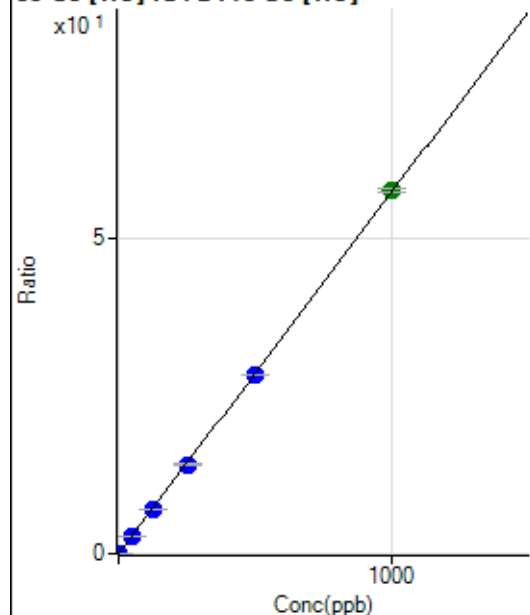
$$y = 4.3632E-004 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 2.278$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.23	0.0015	P	18.0
2	☐	0.100					
3	☐	1.000	0.904	1799.04	0.0534	P	0.9
4	☐	50.000	49.626	95355.39	2.8475	P	0.6
5	☐	125.000	122.049	239665.28	7.0009	P	1.4
6	☐	250.000	245.265	462982.99	14.0671	P	1.9
7	☐	500.000	494.840	878890.38	28.3799	P	0.2
8	☐	1000.000	1004.152	1763722.89	57.5883	A	1.2
9	☐			1950.17	0.0609	P	3.7

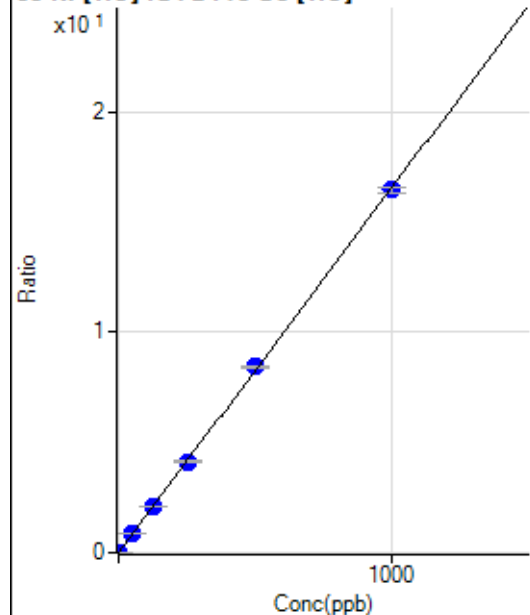
$$y = 0.0573 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.01416$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.55	0.0016	P	36.3
2	☐	0.100					
3	☐	1.000	1.036	631.13	0.0187	P	4.9
4	☐	50.000	51.356	28472.64	0.8503	P	2.1
5	☐	125.000	124.882	70706.10	2.0654	P	0.8
6	☐	250.000	250.047	136054.69	4.1338	P	1.7
7	☐	500.000	509.478	260792.30	8.4211	P	0.7
8	☐	1000.000	995.196	503737.02	16.4479	P	1.4
9	☐			5189.93	0.1622	P	5.6

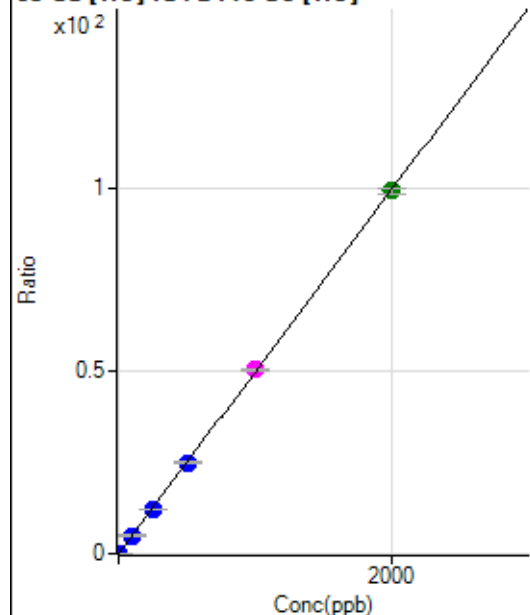
$$y = 0.0165 * x + 0.0016$$

$$R = 0.9999$$

$$DL = 0.1055$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0031	P	16.7
2	☐	0.200					
3	☐	2.000	1.827	3162.64	0.0938	P	3.3
4	☐	100.000	99.440	165436.91	4.9404	P	1.9
5	☐	250.000	246.045	418327.28	12.2197	P	1.0
6	☐	500.000	499.788	816841.11	24.8185	P	1.8
7	☐	1000.000	1011.206	1555017.15	50.2114	M	1.1
8	☐	2000.000	1994.972	3033722.49	99.0572	A	1.7
9	☐			3472.72	0.1085	P	1.8

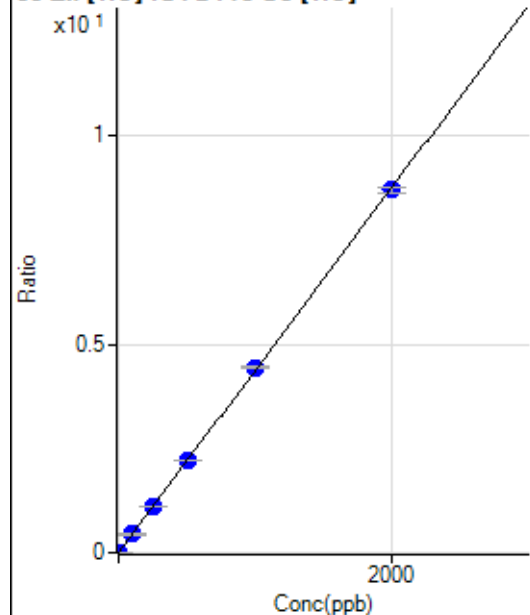
$$y = 0.0497 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 0.03071$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0011	P	9.3
2	☐	0.200					
3	☐	2.000	1.967	325.57	0.0097	P	1.2
4	☐	100.000	101.266	14850.37	0.4435	P	4.2
5	☐	250.000	250.069	37441.73	1.0937	P	1.3
6	☐	500.000	506.915	72938.17	2.2160	P	1.1
7	☐	1000.000	1017.018	137648.74	4.4448	P	0.7
8	☐	2000.000	1989.690	266274.12	8.6948	P	1.9
9	☐			678.92	0.0212	P	2.3

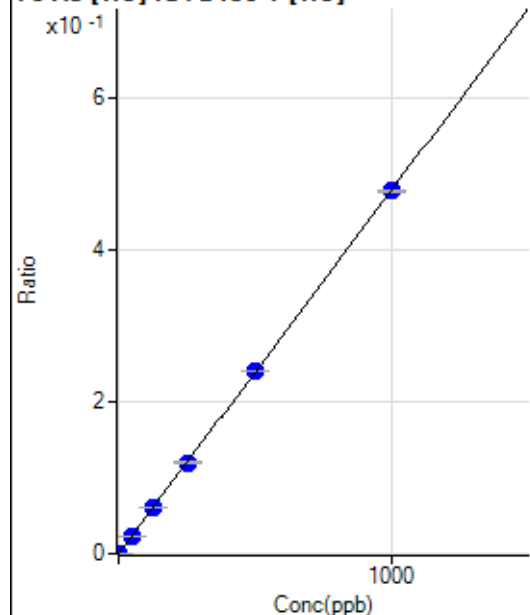
$$y = 0.0044 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.06796$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	0.787	88.27	0.0004	P	13.8
4	☐	50.000	48.622	5273.27	0.0232	P	0.5
5	☐	125.000	127.625	13976.29	0.0610	P	0.4
6	☐	250.000	250.685	26589.21	0.1197	P	0.9
7	☐	500.000	502.802	51051.86	0.2401	P	0.2
8	☐	1000.000	998.169	99485.36	0.4767	P	0.6
9	☐			38.27	0.0002	P	10.7

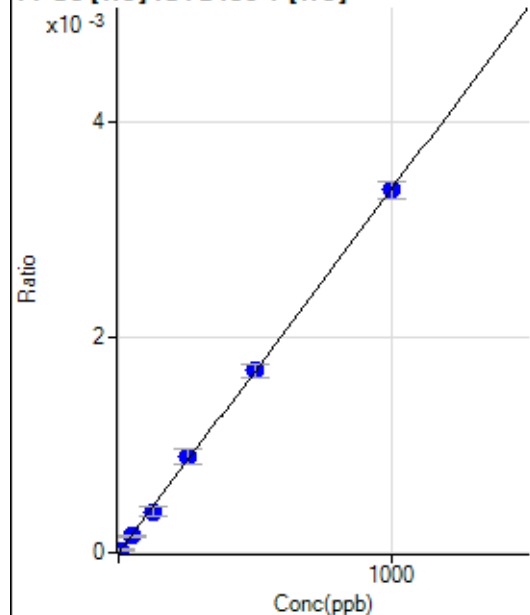
$$y = 4.7760\text{E-}004 * x + 7.8609\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0493$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	7.217	5.55	0.0000	P	125.5
4	☐	50.000	46.453	35.55	0.0002	P	11.0
5	☐	125.000	113.547	87.78	0.0004	P	20.9
6	☐	250.000	262.668	196.67	0.0009	P	16.4
7	☐	500.000	500.671	358.90	0.0017	P	7.0
8	☐	1000.000	998.096	702.25	0.0034	P	4.9
9	☐			0.00	0.0000	P	

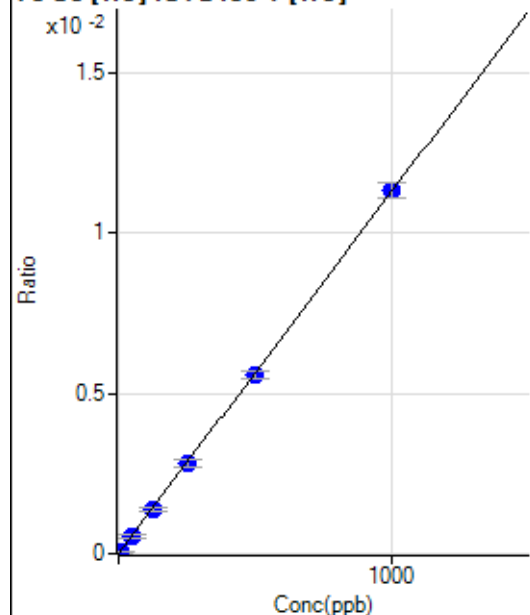
$$y = 3.3720\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.242	15.43	0.0001	P	17.8
4	☐	50.000	46.262	120.37	0.0005	P	19.7
5	☐	125.000	123.342	320.99	0.0014	P	8.7
6	☐	250.000	249.835	627.80	0.0028	P	9.3
7	☐	500.000	495.087	1189.57	0.0056	P	3.9
8	☐	1000.000	1002.891	2363.81	0.0113	P	4.2
9	☐			1.23	0.0000	P	86.6

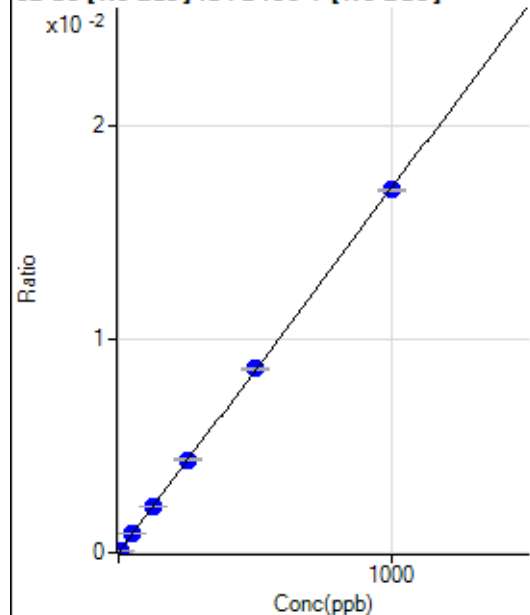
$$y = 1.1287\text{E-}005 * x + 7.8625\text{E-}006$$

$$R = 1.0000$$

$$DL = 3.62$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-26.14	0.0000	P	-273.
2	☐	0.500					
3	☐	5.000	4.603	508.58	0.0001	P	8.7
4	☐	50.000	51.670	6108.67	0.0009	P	0.9
5	☐	125.000	128.247	15471.11	0.0022	P	1.2
6	☐	250.000	255.540	30712.11	0.0044	P	1.8
7	☐	500.000	505.892	58854.59	0.0086	P	1.0
8	☐	1000.000	995.182	121439.07	0.0170	P	0.4
9	☐			49.50	0.0000	P	132.4

$$y = 1.7059\text{E-}005 * x - 3.7538\text{E-}006$$

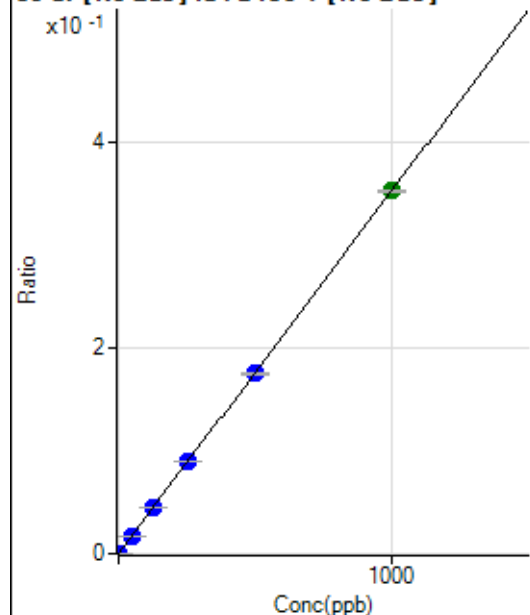
$$R = 1.0000$$

$$DL = 1.803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	677.83	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.953	2953.23	0.0004	P	5.3
4	☐	50.000	49.546	122024.31	0.0175	P	1.4
5	☐	125.000	126.005	314774.54	0.0444	P	1.1
6	☐	250.000	253.522	629729.39	0.0893	P	0.3
7	☐	500.000	496.810	1193280.11	0.1749	P	1.1
8	☐	1000.000	1000.612	2519761.56	0.3522	A	0.8
9	☐			84156.53	0.0120	P	1.4

$$y = 3.5187\text{E-}004 * x + 9.8977\text{E-}005$$

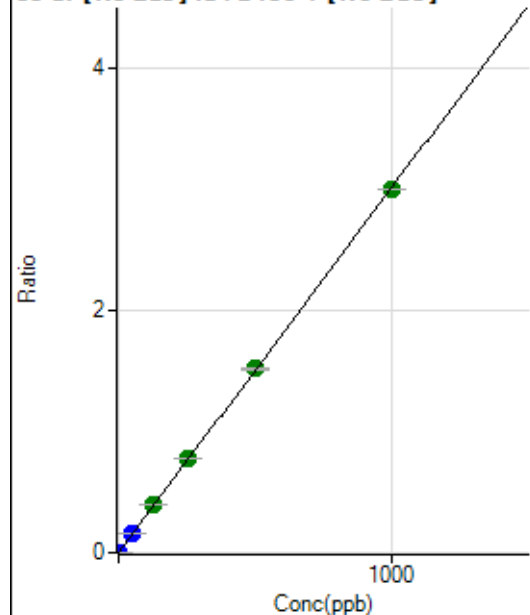
$$R = 1.0000$$

$$DL = 0.05063$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0000	P	29.1
2	☐	0.100					
3	☐	1.000	0.924	19003.01	0.0028	P	0.8
4	☐	50.000	50.577	1058175.82	0.1520	P	0.6
5	☐	125.000	129.937	2766704.47	0.3906	A	1.2
6	☐	250.000	259.578	5501854.68	0.7803	A	0.2
7	☐	500.000	504.817	10353323.24	1.5174	A	0.8
8	☐	1000.000	994.551	21388543.36	2.9894	A	0.1
9	☐			726050.96	0.1036	P	0.4

$$y = 0.0030 * x + 1.6618\text{E-}005$$

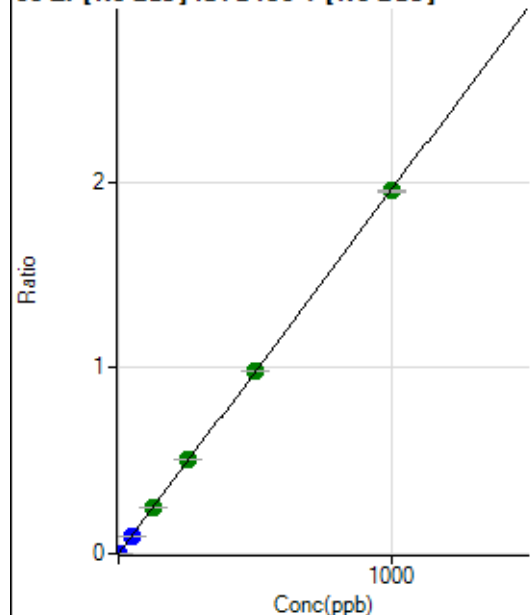
$$R = 0.9999$$

$$DL = 0.00482$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	616.71	0.0001	P	17.3
2	☐	0.100					
3	☐	1.000	0.848	11902.86	0.0018	P	1.3
4	☐	50.000	49.876	680083.13	0.0977	P	0.4
5	☐	125.000	128.145	1777290.01	0.2509	A	1.6
6	☐	250.000	259.985	3588902.94	0.5090	A	0.7
7	☐	500.000	500.995	6691283.79	0.9807	A	0.5
8	☐	1000.000	996.619	13957613.33	1.9508	A	0.4
9	☐			1886.34	0.0003	P	6.5

$$y = 0.0020 * x + 9.0077E-005$$

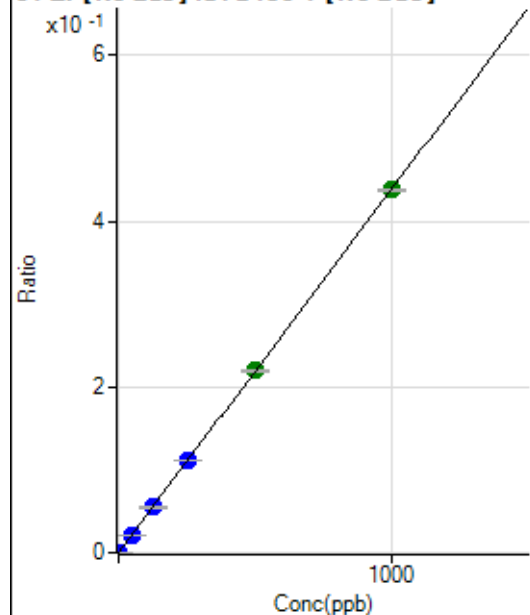
$$R = 0.9999$$

$$DL = 0.02395$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.00	0.0000	P	40.4
2	☐	0.100					
3	☐	1.000	0.855	2672.61	0.0004	P	5.6
4	☐	50.000	49.583	151306.38	0.0217	P	1.1
5	☐	125.000	124.840	387543.86	0.0547	P	1.2
6	☐	250.000	253.617	783595.15	0.1111	P	0.3
7	☐	500.000	501.060	1497856.36	0.2195	A	0.5
8	☐	1000.000	998.607	3130229.87	0.4375	A	0.5
9	☐			383.36	0.0001	P	17.7

$$y = 4.3810E-004 * x + 1.8259E-005$$

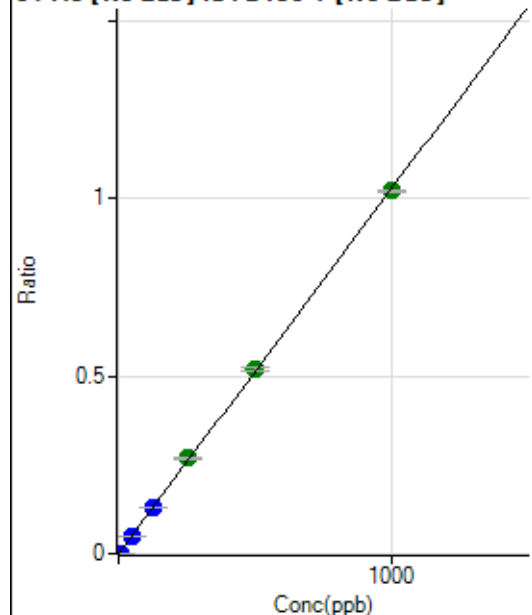
$$R = 1.0000$$

$$DL = 0.05049$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	43.1
2	☐	0.500					
3	☐	5.000	1.954	13815.98	0.0020	P	4.8
4	☐	50.000	49.834	356062.64	0.0512	P	0.4
5	☐	125.000	125.879	915147.22	0.1292	P	0.6
6	☐	250.000	261.830	1894613.63	0.2687	A	0.8
7	☐	500.000	505.543	3538922.65	0.5188	A	1.6
8	☐	1000.000	994.185	7298677.42	1.0201	A	0.4
9	☐			6729.74	0.0010	P	3.1

$$y = 0.0010 * x + 2.5881E-005$$

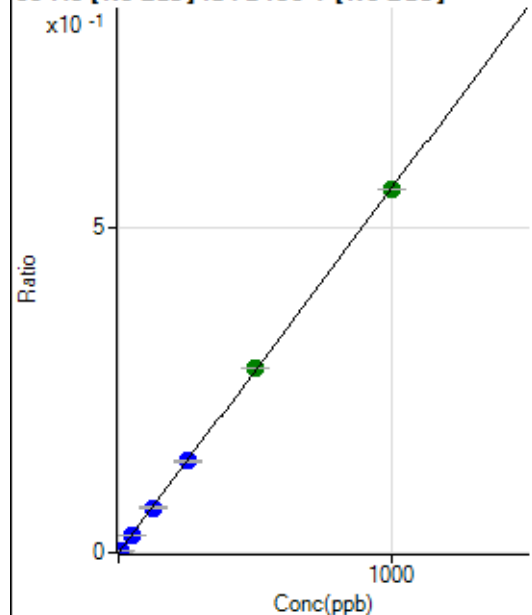
$$R = 0.9999$$

$$DL = 0.03259$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	20.6
2	☐	0.500					
3	☐	5.000	4.366	16658.13	0.0024	P	0.9
4	☐	50.000	48.844	190507.57	0.0274	P	0.8
5	☐	125.000	124.006	492203.45	0.0695	P	1.6
6	☐	250.000	250.895	991319.91	0.1406	P	0.5
7	☐	500.000	507.527	1940479.23	0.2844	A	0.3
8	☐	1000.000	996.198	3993758.68	0.5582	A	0.1
9	☐			10902.06	0.0016	P	4.0

$$y = 5.6033E-004 * x + 3.2409E-006$$

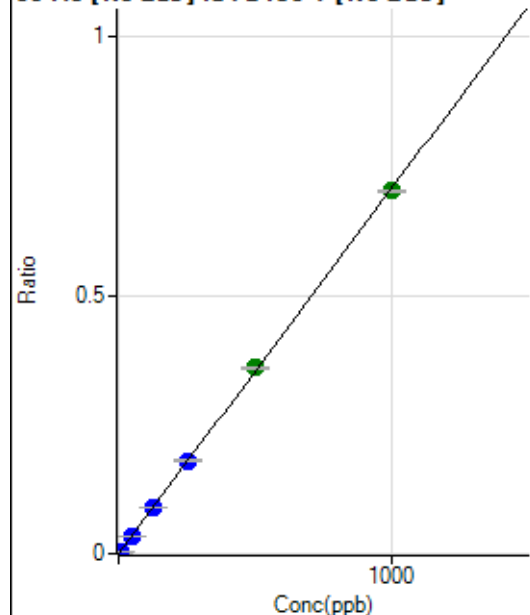
$$R = 1.0000$$

$$DL = 0.003568$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	30.6
2	☐	0.500					
3	☐	5.000	3.809	18404.80	0.0027	P	2.9
4	☐	50.000	49.660	244330.09	0.0351	P	0.3
5	☐	125.000	125.341	627467.15	0.0886	P	1.5
6	☐	250.000	254.866	1270010.14	0.1801	P	0.6
7	☐	500.000	509.641	2457150.62	0.3601	A	1.2
8	☐	1000.000	993.943	5025197.85	0.7024	A	0.8
9	☐			13212.56	0.0019	P	1.7

$$y = 7.0663\text{E-}004 * x + 1.4635\text{E-}005$$

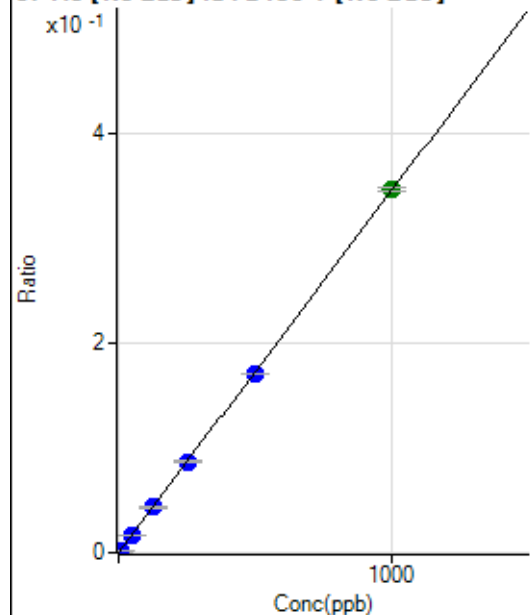
$$R = 0.9999$$

$$DL = 0.019$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.3
2	☐	0.500					
3	☐	5.000	4.476	10518.47	0.0015	P	2.9
4	☐	50.000	49.406	118542.59	0.0170	P	1.2
5	☐	125.000	125.034	305319.75	0.0431	P	0.5
6	☐	250.000	252.176	612929.97	0.0869	P	1.0
7	☐	500.000	494.410	1162797.11	0.1704	P	0.4
8	☐	1000.000	1002.279	2471648.41	0.3455	A	1.1
9	☐			6593.57	0.0009	P	5.0

$$y = 3.4468\text{E-}004 * x + 3.6596\text{E-}006$$

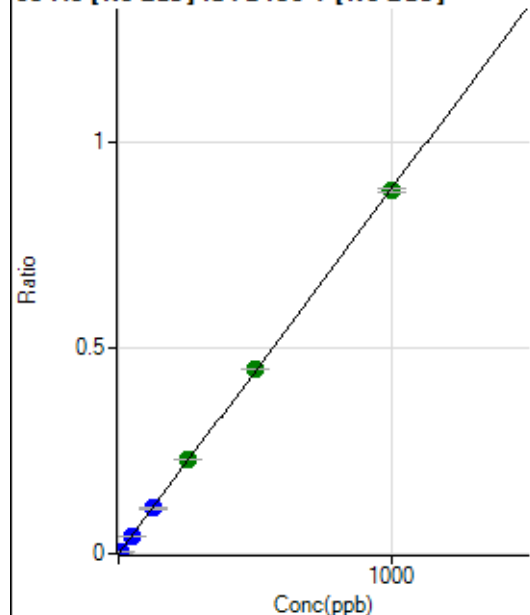
$$R = 1.0000$$

$$DL = 0.01094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	75.6
2	☐	0.500					
3	☐	5.000	4.357	26359.99	0.0039	P	1.3
4	☐	50.000	49.590	306542.18	0.0440	P	1.0
5	☐	125.000	124.376	782436.42	0.1105	P	1.4
6	☐	250.000	259.843	1627197.28	0.2308	A	0.4
7	☐	500.000	506.509	3068928.37	0.4498	A	0.8
8	☐	1000.000	994.386	6318130.65	0.8831	A	1.0
9	☐			16772.15	0.0024	P	1.9

$$y = 8.8807\text{E-}004 * x + 6.4871\text{E-}006$$

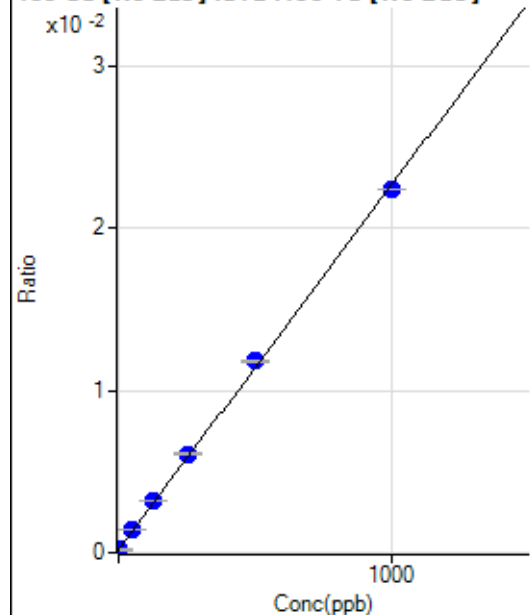
$$R = 0.9999$$

$$DL = 0.01656$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1441.81	0.0002	P	14.3
2	☐	0.100					
3	☐	1.000	0.264	1444.59	0.0002	P	8.6
4	☐	50.000	53.822	11583.18	0.0014	P	2.1
5	☐	125.000	133.822	27317.48	0.0032	P	0.5
6	☐	250.000	263.645	53169.80	0.0061	P	1.4
7	☐	500.000	517.140	102673.03	0.0118	P	1.3
8	☐	1000.000	986.726	206725.45	0.0224	P	0.2
9	☐			1683.52	0.0002	P	3.7

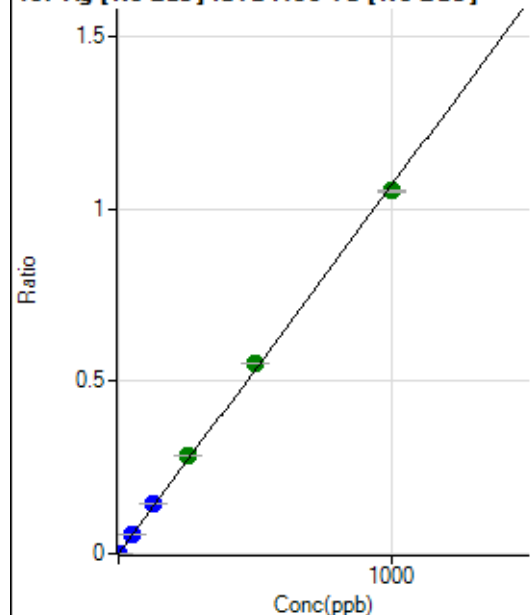
$$y = 2.2495\text{E-}005 * x + 1.7363\text{E-}004$$

$$R = 0.9997$$

$$DL = 3.302$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	35.6
2	☐	0.100					
3	☐	1.000	1.029	8914.48	0.0011	P	0.8
4	☐	50.000	54.316	485551.82	0.0580	P	0.9
5	☐	125.000	135.527	1242075.53	0.1448	P	0.8
6	☐	250.000	267.192	2485926.12	0.2854	A	1.0
7	☐	500.000	517.632	4808966.43	0.5529	A	0.7
8	☐	1000.000	985.354	9726707.25	1.0525	A	0.3
9	☐			1002.86	0.0001	P	6.2

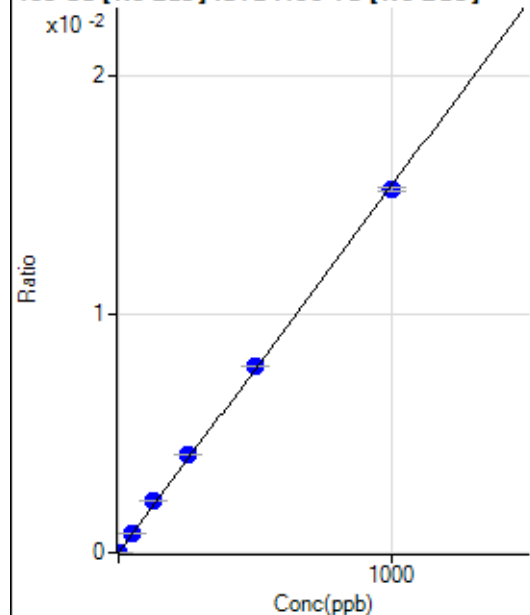
$$y = 0.0011 * x + 9.3815E-006$$

$$R = 0.9996$$

$$DL = 0.009391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	1.082	147.23	0.0000	P	3.2
4	☐	50.000	54.527	7029.77	0.0008	P	0.4
5	☐	125.000	139.099	18364.18	0.0021	P	0.4
6	☐	250.000	266.951	35765.61	0.0041	P	0.9
7	☐	500.000	510.153	68240.14	0.0078	P	0.2
8	☐	1000.000	988.697	140500.52	0.0152	P	1.1
9	☐			31.94	0.0000	P	46.0

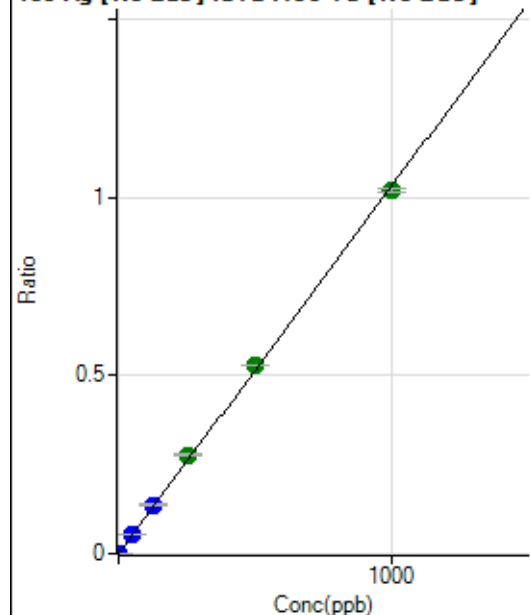
$$y = 1.5376E-005 * x + 1.6754E-006$$

$$R = 0.9997$$

$$DL = 0.116$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	56.4
2	☐	0.100					
3	☐	1.000	1.014	8447.47	0.0011	P	2.1
4	☐	50.000	53.723	463518.03	0.0554	P	1.0
5	☐	125.000	133.474	1180702.93	0.1376	P	0.4
6	☐	250.000	268.606	2412084.10	0.2769	A	1.2
7	☐	500.000	513.013	4600484.82	0.5289	A	0.7
8	☐	1000.000	987.597	9409525.64	1.0182	A	1.2
9	☐			1016.76	0.0001	P	5.7

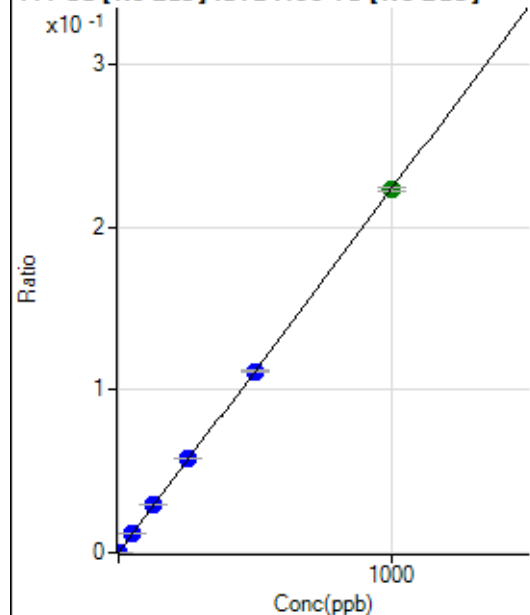
$$y = 0.0010 * x + 5.6615E-006$$

$$R = 0.9997$$

$$DL = 0.009293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1013.44	0.0001	P	14.1
2	☐	0.100					
3	☐	1.000	0.944	2673.59	0.0003	P	2.0
4	☐	50.000	52.902	99752.73	0.0119	P	1.1
5	☐	125.000	132.209	254035.62	0.0296	P	0.9
6	☐	250.000	257.396	501102.18	0.0575	P	0.5
7	☐	500.000	498.812	968705.17	0.1114	P	0.5
8	☐	1000.000	997.699	2057522.64	0.2227	A	1.0
9	☐			1304.71	0.0001	P	4.1

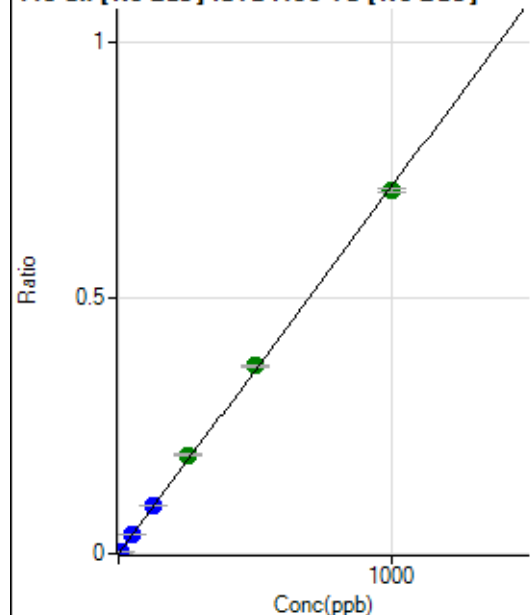
$$y = 2.2304E-004 * x + 1.2204E-004$$

$$R = 1.0000$$

$$DL = 0.2321$$

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	555.60	0.0001	P	11.5
2	☐	0.500					
3	☐	5.000	4.785	28105.34	0.0035	P	0.3
4	☐	50.000	53.040	318609.48	0.0381	P	0.8
5	☐	125.000	132.553	815519.15	0.0951	P	0.7
6	☐	250.000	269.002	1679567.64	0.1928	A	1.0
7	☐	500.000	511.353	3187909.79	0.3665	A	0.7
8	☐	1000.000	988.478	6546548.41	0.7084	A	1.0
9	☐			6485.25	0.0007	P	4.6

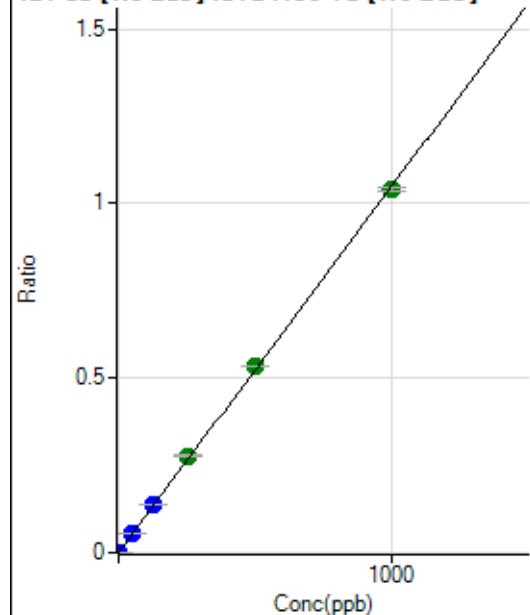
$$y = 7.1661\text{E-}004 * x + 6.6878\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.03215$$

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	47.22	0.0000	P	28.1
2	☐	0.200					
3	☐	2.000	1.912	16154.90	0.0020	P	2.0
4	☐	50.000	52.276	458687.34	0.0548	P	0.6
5	☐	125.000	131.141	1179734.69	0.1375	P	0.6
6	☐	250.000	264.630	2416696.87	0.2775	A	1.1
7	☐	500.000	509.040	4642194.16	0.5337	A	0.1
8	☐	1000.000	990.941	9601342.58	1.0390	A	1.2
9	☐			11352.55	0.0013	P	2.2

$$y = 0.0010 * x + 5.6937\text{E-}006$$

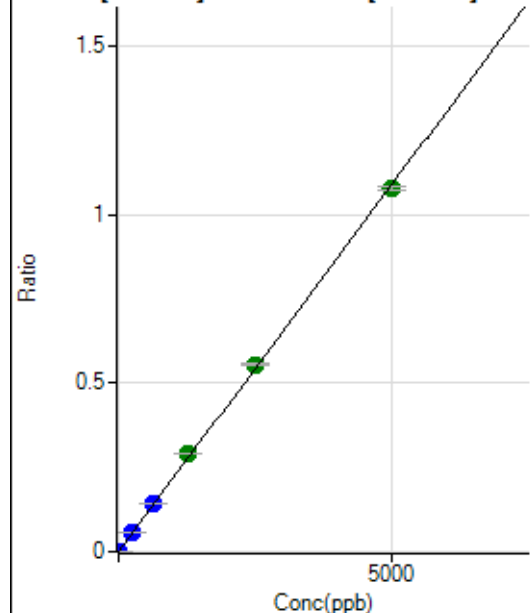
$$R = 0.9998$$

$$DL = 0.004574$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	34.2
2	☐	1.000					
3	☐	10.000	9.366	16391.38	0.0020	P	0.9
4	☐	250.000	261.453	475359.14	0.0568	P	0.4
5	☐	625.000	657.644	1225886.53	0.1429	P	0.5
6	☐	1250.000	1333.609	2523688.73	0.2897	A	0.6
7	☐	2500.000	2551.933	4822705.88	0.5544	A	0.5
8	☐	5000.000	4948.479	9935281.73	1.0751	A	1.1
9	☐			2644.84	0.0003	P	4.7

$$y = 2.1726\text{E-}004 * x + 4.3346\text{E-}006$$

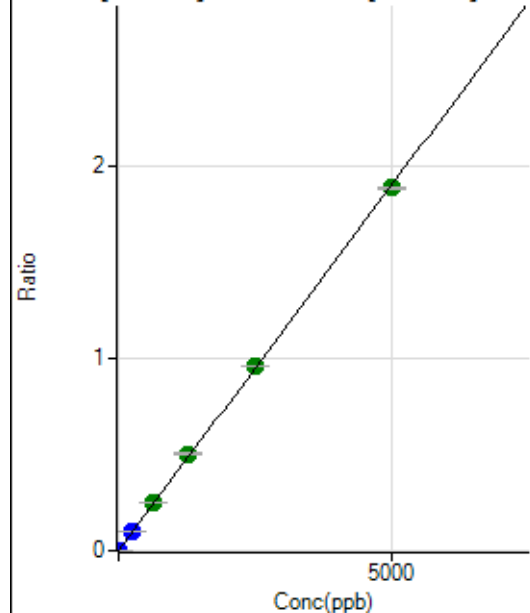
$$R = 0.9998$$

$$DL = 0.02045$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	43.6
2	☐	1.000					
3	☐	10.000	9.536	29241.56	0.0036	P	1.0
4	☐	250.000	259.630	827105.70	0.0988	P	0.6
5	☐	625.000	665.468	2173558.38	0.2533	A	0.6
6	☐	1250.000	1325.483	4394942.50	0.5046	A	1.2
7	☐	2500.000	2520.694	8346344.81	0.9596	A	0.4
8	☐	5000.000	4965.243	17467589.97	1.8902	A	0.9
9	☐			4559.32	0.0005	P	3.4

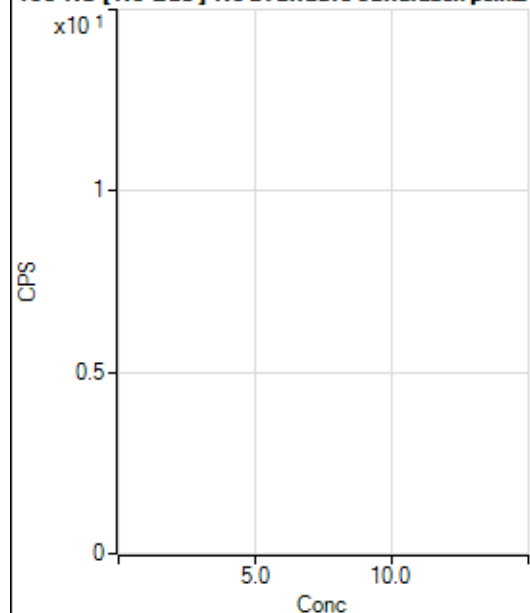
$$y = 3.8069\text{E-}004 * x + 7.0284\text{E-}006$$

$$R = 0.9998$$

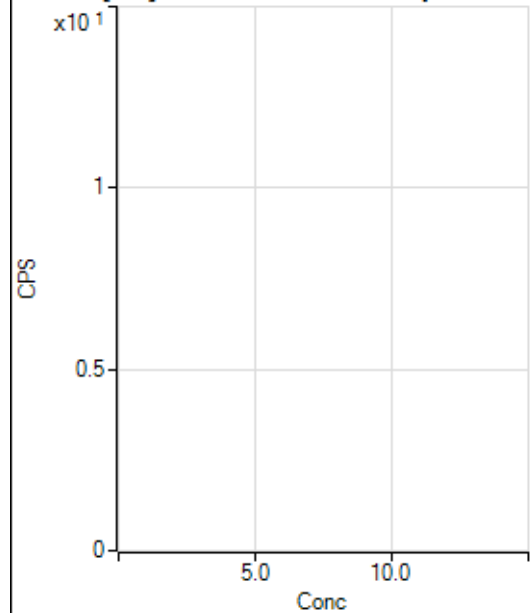
$$DL = 0.02417$$

Weight: <None>

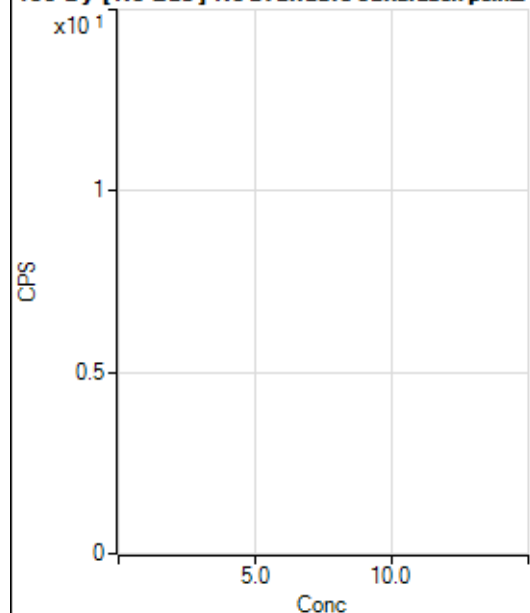
Min Conc: 0

150 Nd [No Gas] No available calibration points

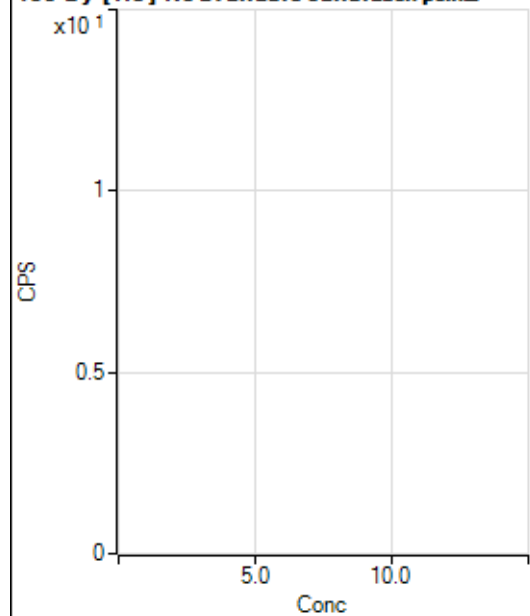
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	17.3
2	☐						
3	☐			15.56		P	65.5
4	☐			35.56		P	47.2
5	☐			73.34		P	9.1
6	☐			131.12		P	10.6
7	☐			208.90		P	16.4
8	☐			391.13		P	13.7
9	☐			100.00		P	37.1

150 Nd [He] No available calibration points

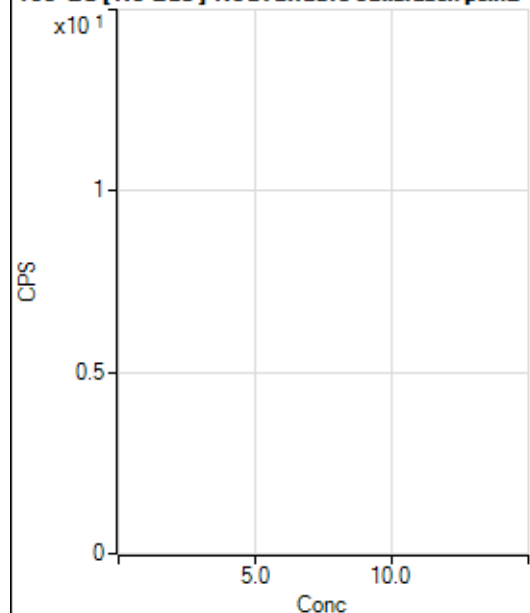
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			4.44		P	43.4
8	☐			4.45		P	86.6
9	☐			11.11		P	45.8

156 Dy [No Gas] No available calibration points

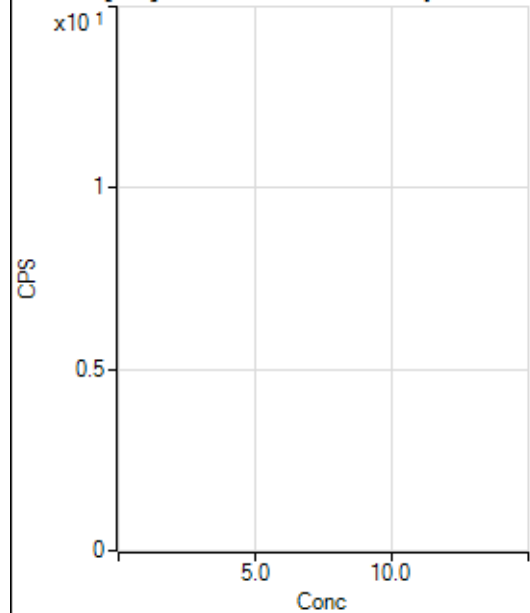
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			19.45		P	24.7
4	☐			16.67		P	50.0
5	☐			27.78		P	45.8
6	☐			50.00		P	28.9
7	☐			86.12		P	5.6
8	☐			175.01		P	12.6
9	☐			61.11		P	20.8

156 Dy [He] No available calibration points

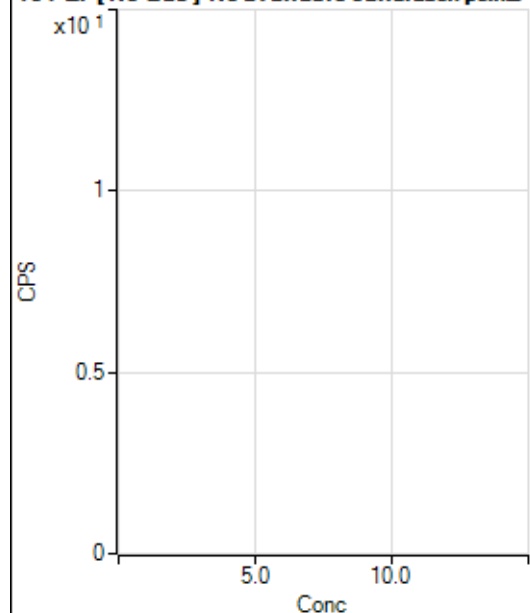
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			3.33		P	173.2
6	☐			10.00		P	100.0
7	☐			13.33		P	NaN
8	☐			11.11		P	69.3
9	☐			10.00		P	88.2

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

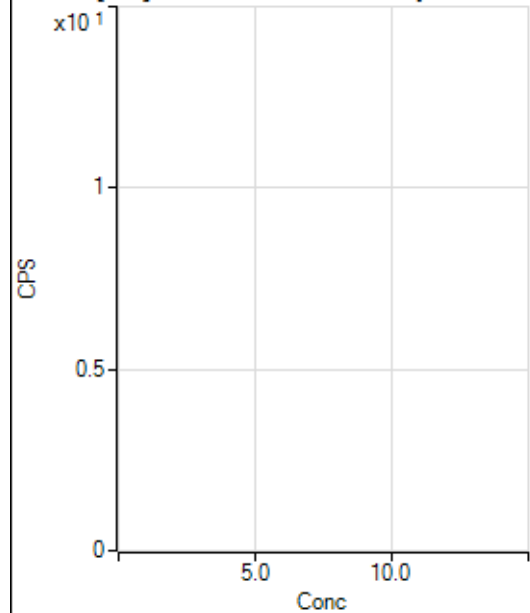
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	25.0
2	☐						
3	☐			80.56		P	31.6
4	☐			52.78		P	32.9
5	☐			88.90		P	21.7
6	☐			97.23		P	60.2
7	☐			88.89		P	19.5
8	☐			130.56		P	29.5
9	☐			94.45		P	18.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	99.0
2	☐						
3	☐			5.55		P	69.3
4	☐			8.89		P	57.3
5	☐			15.55		P	44.6
6	☐			11.11		P	45.8
7	☐			13.33		P	25.0
8	☐			38.89		P	13.1
9	☐			23.33		P	14.3

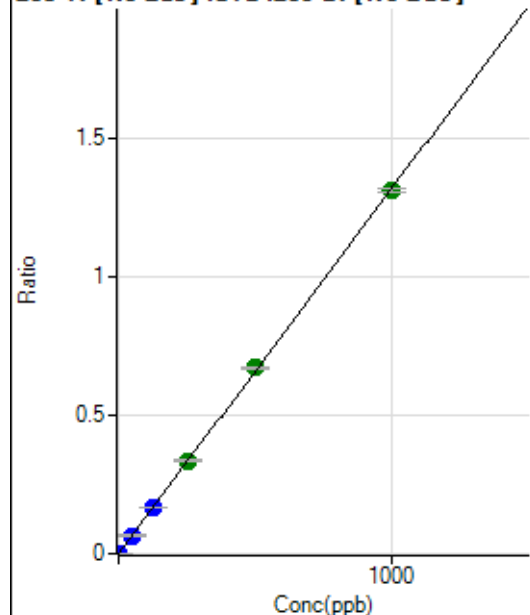
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	75.0
2	☐						
3	☐			41.67		P	34.7
4	☐			27.78		P	124.9
5	☐			44.45		P	39.0
6	☐			38.89		P	12.4
7	☐			58.34		P	0.0
8	☐			63.89		P	32.8
9	☐			88.89		P	21.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			10.00		P	33.3
4	☐			1.11		P	173.2
5	☐			5.56		P	91.6
6	☐			8.89		P	78.1
7	☐			14.44		P	13.4
8	☐			12.22		P	56.8
9	☐			6.67		P	86.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	52.1
2	☐	0.100					
3	☐	1.000	0.906	5862.78	0.0012	P	4.7
4	☐	50.000	49.983	331859.37	0.0658	P	1.2
5	☐	125.000	125.634	859205.36	0.1653	P	0.3
6	☐	250.000	254.157	1776573.17	0.3345	A	1.3
7	☐	500.000	508.883	3620748.56	0.6697	A	0.6
8	☐	1000.000	994.441	7512930.38	1.3087	A	1.2
9	☐			2447.57	0.0005	P	5.2

$$y = 0.0013 * x + 8.2763E-006$$

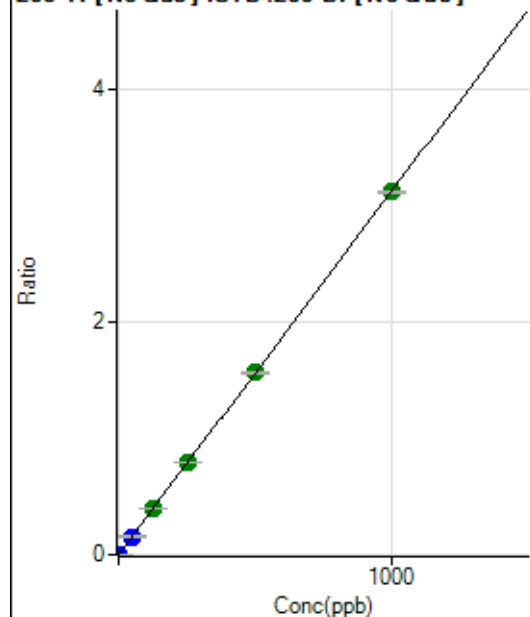
$$R = 0.9999$$

$$DL = 0.009823$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0000	P	24.0
2	☐	0.100					
3	☐	1.000	0.891	13808.10	0.0028	P	2.5
4	☐	50.000	50.143	791157.40	0.1568	P	0.7
5	☐	125.000	128.448	2087390.48	0.4017	A	0.5
6	☐	250.000	252.642	4196385.25	0.7900	A	0.6
7	☐	500.000	500.551	8462329.53	1.5652	A	0.6
8	☐	1000.000	998.626	17927308.73	3.1227	A	0.6
9	☐			6229.59	0.0012	P	9.4

$$y = 0.0031 * x + 3.9282E-005$$

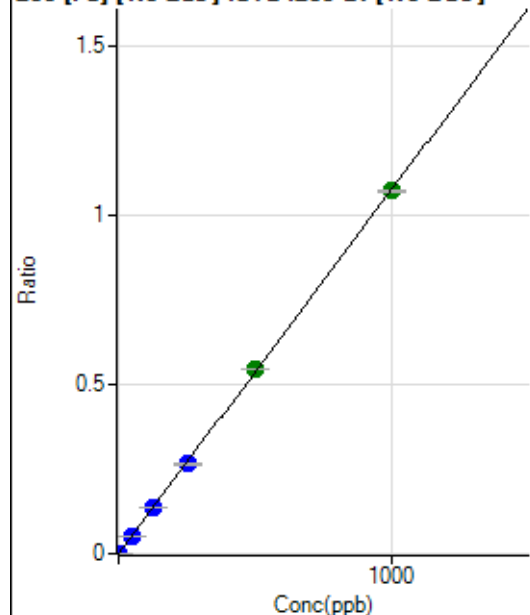
$$R = 1.0000$$

$$DL = 0.009027$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	414.84	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.896	5104.88	0.0010	P	4.7
4	☐	50.000	49.334	267493.75	0.0530	P	0.5
5	☐	125.000	124.992	697463.97	0.1342	P	0.5
6	☐	250.000	245.879	1401996.78	0.2639	P	0.3
7	☐	500.000	507.789	2946677.26	0.5450	A	0.6
8	☐	1000.000	997.170	6143982.43	1.0702	A	0.5
9	☐			6777.96	0.0013	P	0.7

$$y = 0.0011 * x + 8.2659E-005$$

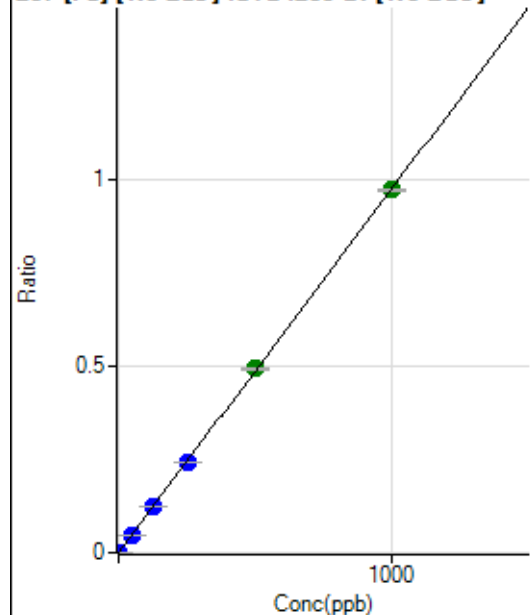
$$R = 0.9999$$

$$DL = 0.03154$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	379.65	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.924	4760.29	0.0010	P	5.3
4	☐	50.000	49.544	243266.56	0.0482	P	1.0
5	☐	125.000	125.121	632277.28	0.1217	P	1.0
6	☐	250.000	246.757	1274183.61	0.2399	P	0.5
7	☐	500.000	505.299	2655261.72	0.4911	A	0.1
8	☐	1000.000	998.169	5569441.04	0.9701	A	0.9
9	☐			5655.15	0.0011	P	2.2

$$y = 9.7184E-004 * x + 7.5598E-005$$

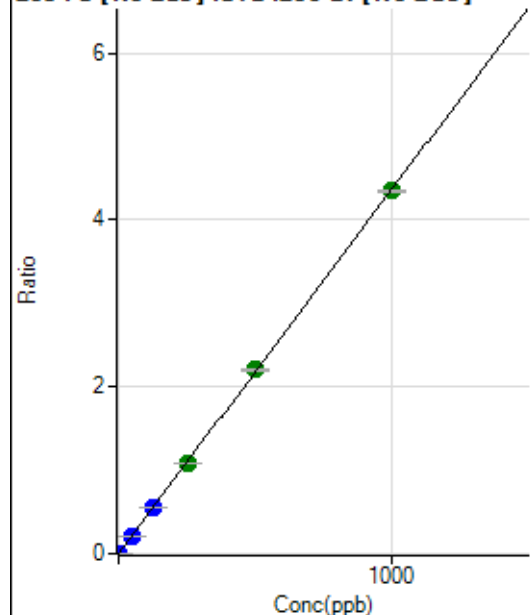
$$R = 1.0000$$

$$DL = 0.01759$$

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	1646.40	0.0003	P	7.6
2	☐	0.100					
3	☐	1.000	0.922	21242.79	0.0043	P	2.9
4	☐	50.000	49.397	1087667.38	0.2156	P	0.3
5	☐	125.000	125.173	2836574.03	0.5459	P	0.6
6	☐	250.000	250.420	5798851.87	1.0917	A	0.3
7	☐	500.000	505.442	11911786.41	2.2032	A	0.7
8	☐	1000.000	997.183	24951847.72	4.3463	A	0.7
9	☐			26253.98	0.0051	P	0.8

$$y = 0.0044 * x + 3.2783E-004$$

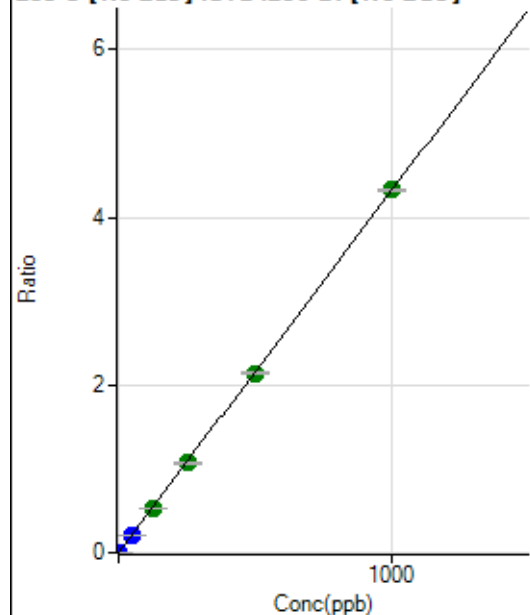
$$R = 1.0000$$

$$DL = 0.01712$$

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	58.34	0.0000	P	57.7
2	☐	0.100					
3	☐	1.000	0.828	17507.53	0.0036	P	1.2
4	☐	50.000	47.330	1030051.84	0.2042	P	0.2
5	☐	125.000	123.519	2769059.98	0.5329	A	1.9
6	☐	250.000	248.057	5684197.44	1.0701	A	1.0
7	☐	500.000	496.251	11574101.82	2.1408	A	0.5
8	☐	1000.000	1002.679	24832135.80	4.3254	A	0.7
9	☐			1702.99	0.0003	P	7.7

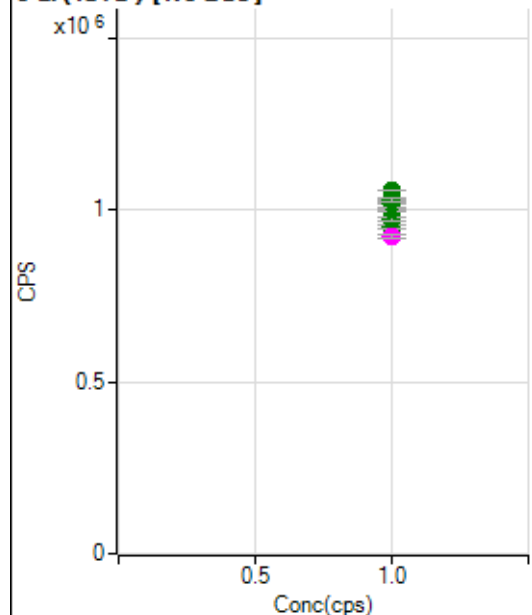
$$y = 0.0043 * x + 1.1638E-005$$

$$R = 1.0000$$

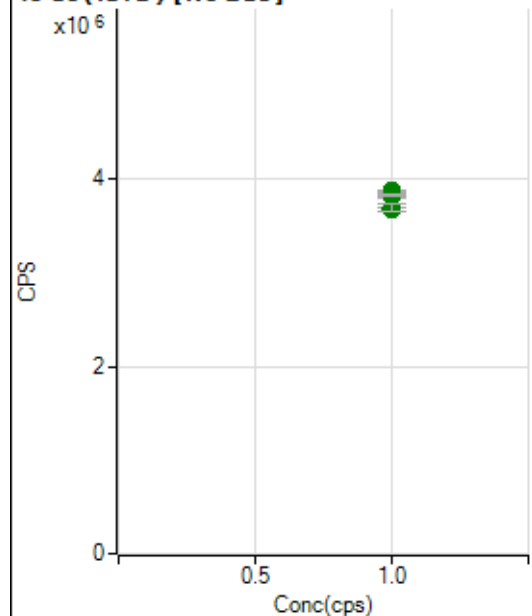
$$DL = 0.004669$$

Weight: <None>

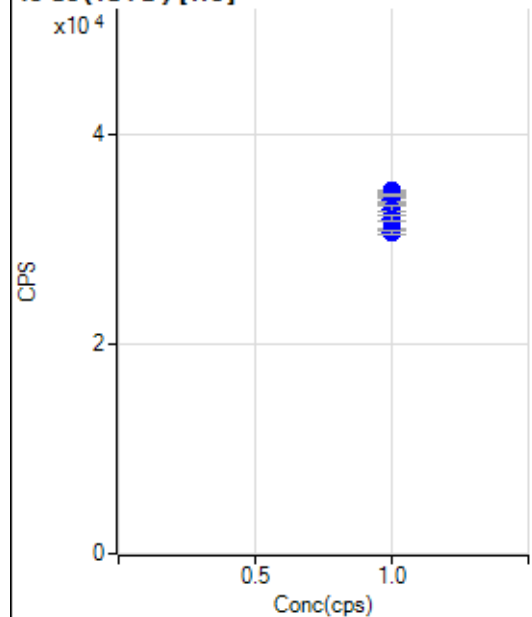
Min Conc: 0

6 Li (ISTD) [No Gas]

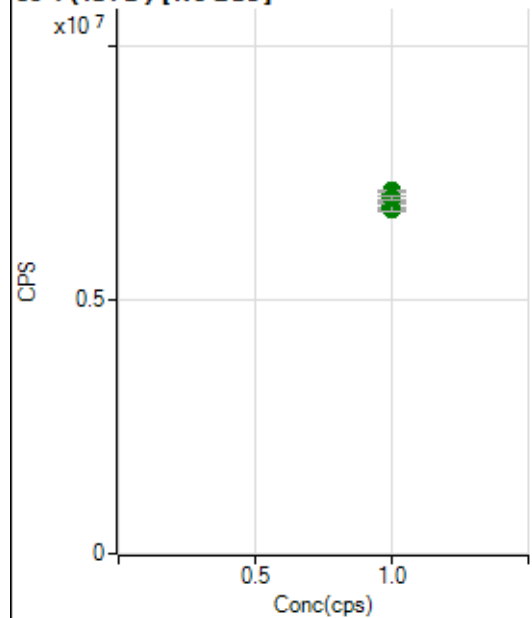
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		950010.47		A	1.6
2	☐	1.000					
3	☐	1.000		920305.33		M	1.2
4	☐	1.000		973023.23		A	1.0
5	☐	1.000		998318.04		A	0.9
6	☐	1.000		1020148.06		A	0.5
7	☐	1.000		1018005.78		A	1.8
8	☐	1.000		1054503.98		A	0.1
9	☐	1.000		1029261.51		A	0.8

45 Sc (ISTD) [No Gas]

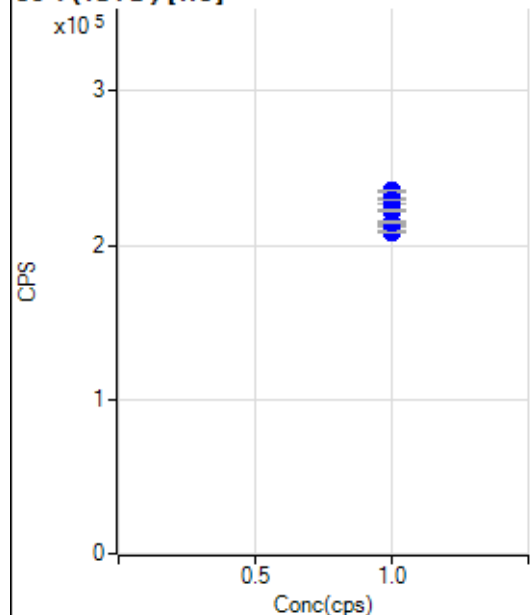
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3817853.78		A	0.2
2	☐	1.000					
3	☐	1.000		3686250.91		A	0.9
4	☐	1.000		3824177.86		A	0.8
5	☐	1.000		3870366.19		A	0.6
6	☐	1.000		3879201.60		A	0.3
7	☐	1.000		3700705.68		A	1.8
8	☐	1.000		3850280.60		A	1.0
9	☐	1.000		3834873.04		A	0.5

45 Sc (ISTD) [He]

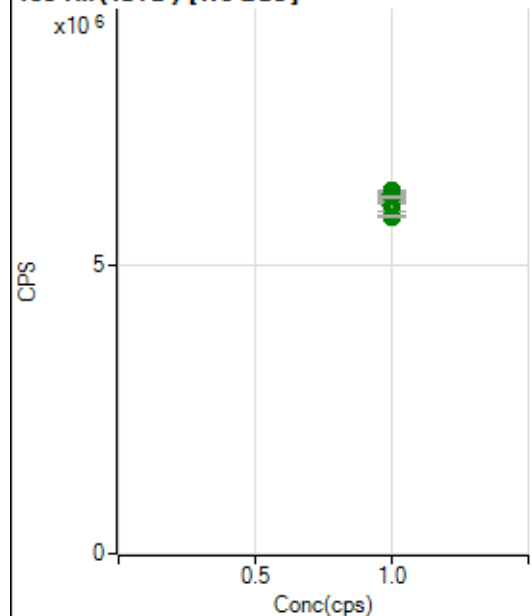
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34623.88		P	0.5
2	☐	1.000					
3	☐	1.000		33717.28		P	0.9
4	☐	1.000		33488.88		P	0.8
5	☐	1.000		34235.14		P	0.6
6	☐	1.000		32918.70		P	1.6
7	☐	1.000		30968.84		P	0.3
8	☐	1.000		30629.15		P	1.2
9	☐	1.000		32009.99		P	1.5

89 Y (ISTD) [No Gas]

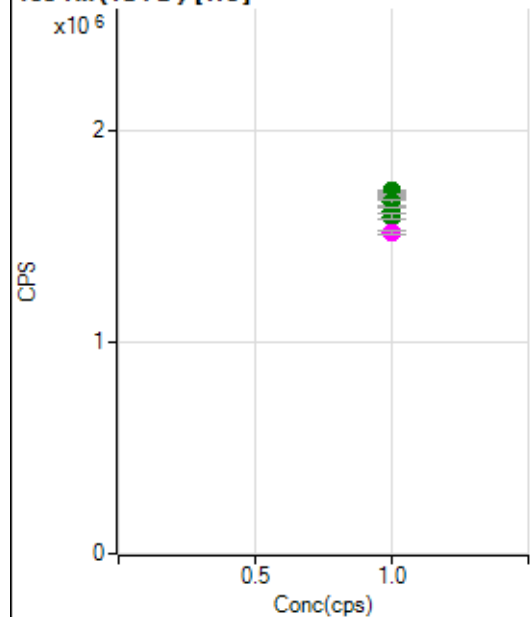
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6845238.51		A	1.4
2	☐	1.000					
3	☐	1.000		6801119.00		A	1.0
4	☐	1.000		6959871.08		A	0.5
5	☐	1.000		7084277.12		A	1.4
6	☐	1.000		7051349.41		A	0.3
7	☐	1.000		6823459.07		A	2.7
8	☐	1.000		7154688.71		A	0.3
9	☐	1.000		7011549.20		A	0.7

89 Y(ISTD) [He]

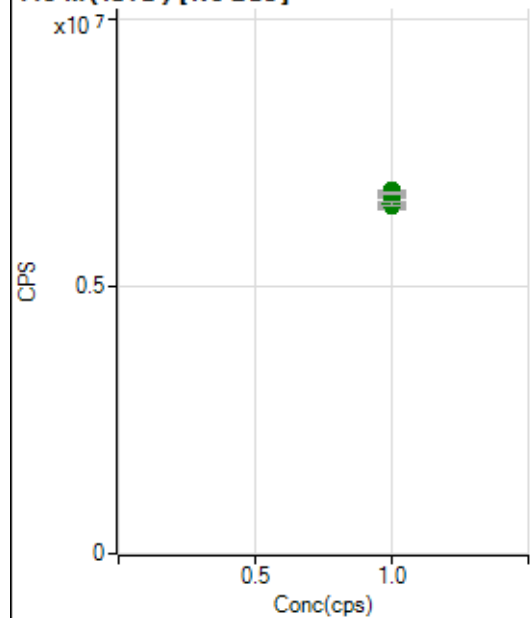
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		235310.34		P	0.3
2	☐	1.000					
3	☐	1.000		230078.40		P	1.0
4	☐	1.000		227003.59		P	0.3
5	☐	1.000		229264.45		P	0.3
6	☐	1.000		222070.47		P	0.6
7	☐	1.000		212588.22		P	0.3
8	☐	1.000		208685.39		P	0.5
9	☐	1.000		215083.00		P	0.8

103 Rh(ISTD) [No Gas]

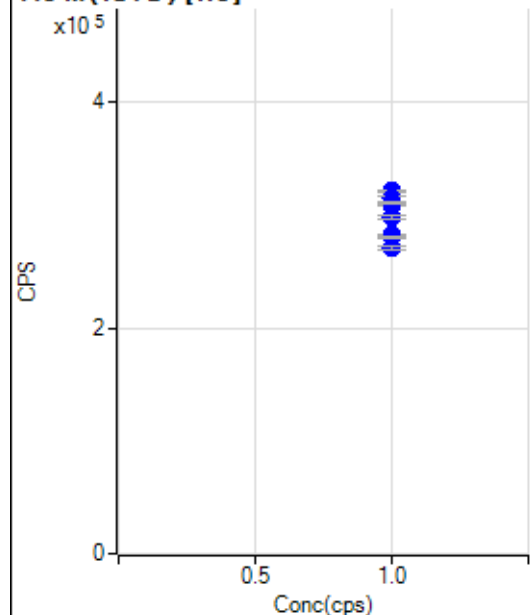
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6239410.56		A	0.5
2	☐	1.000					
3	☐	1.000		6102580.22		A	1.5
4	☐	1.000		6244508.21		A	0.4
5	☐	1.000		6292951.14		A	0.7
6	☐	1.000		6229855.39		A	1.0
7	☐	1.000		6020765.11		A	2.4
8	☐	1.000		6195054.61		A	0.3
9	☐	1.000		5847775.26		A	0.7

103 Rh (ISTD) [He]

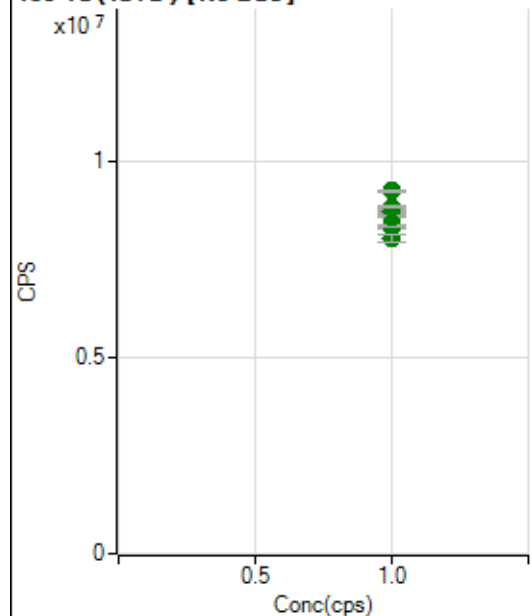
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1714277.60		A	0.7
2	☐	1.000					
3	☐	1.000		1697483.38		A	0.9
4	☐	1.000		1683360.79		A	0.4
5	☐	1.000		1697454.23		A	0.5
6	☐	1.000		1660112.37		A	1.6
7	☐	1.000		1621759.80		A	1.6
8	☐	1.000		1594385.62		A	1.6
9	☐	1.000		1516099.87		M	0.8

115 In (ISTD) [No Gas]

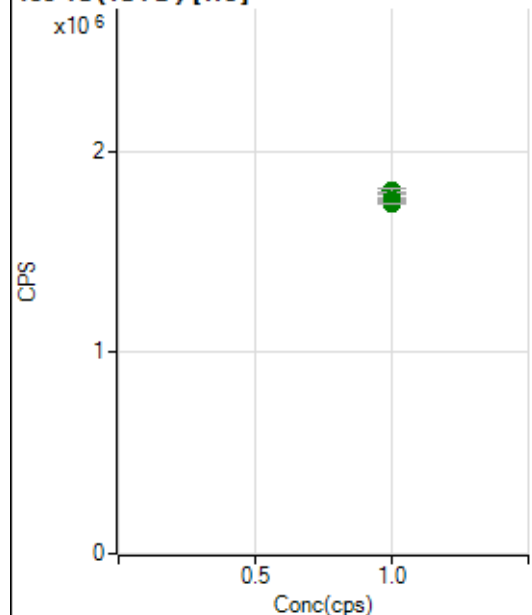
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6686990.11		A	0.5
2	☐	1.000					
3	☐	1.000		6513600.92		A	1.2
4	☐	1.000		6679833.50		A	0.7
5	☐	1.000		6780797.11		A	0.6
6	☐	1.000		6780577.79		A	0.4
7	☐	1.000		6511109.17		A	1.9
8	☐	1.000		6737958.15		A	0.7
9	☐	1.000		6532676.42		A	1.1

115 In (ISTD) [He]

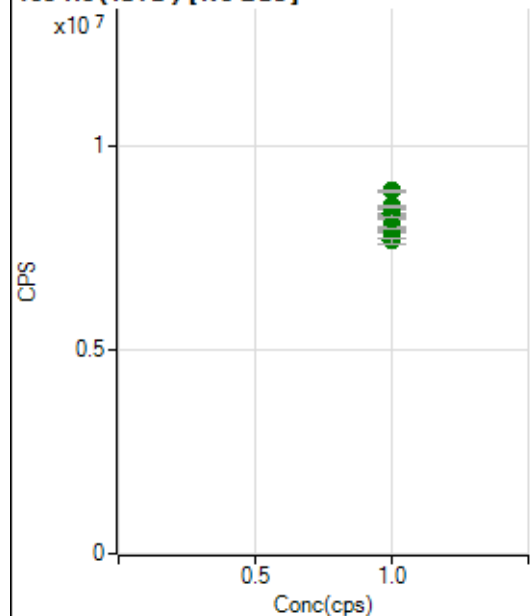
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		321355.28		P	0.7
2	☐	1.000					
3	☐	1.000		314327.57		P	1.2
4	☐	1.000		308773.87		P	0.5
5	☐	1.000		311037.27		P	0.5
6	☐	1.000		298011.49		P	0.7
7	☐	1.000		282681.09		P	0.1
8	☐	1.000		270661.64		P	0.8
9	☐	1.000		280351.47		P	0.4

159 Tb (ISTD) [No Gas]

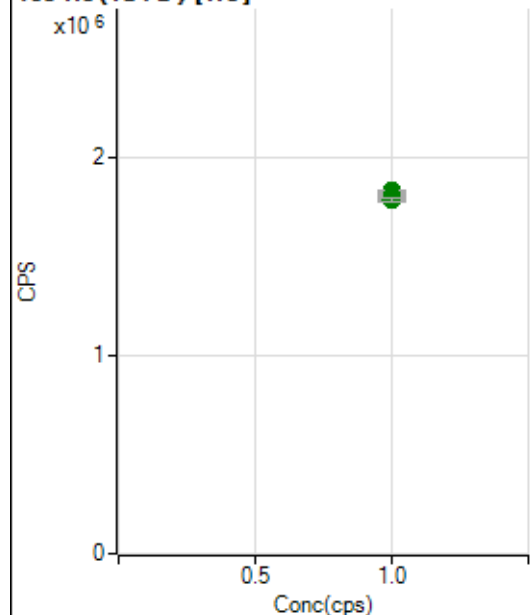
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8313745.16		A	1.3
2	☐	1.000					
3	☐	1.000		8039186.48		A	2.1
4	☐	1.000		8367900.85		A	0.6
5	☐	1.000		8579638.83		A	0.6
6	☐	1.000		8710095.98		A	0.5
7	☐	1.000		8697630.64		A	2.1
8	☐	1.000		9241282.64		A	0.4
9	☐	1.000		8833362.09		A	0.2

159 Tb (ISTD) [He]

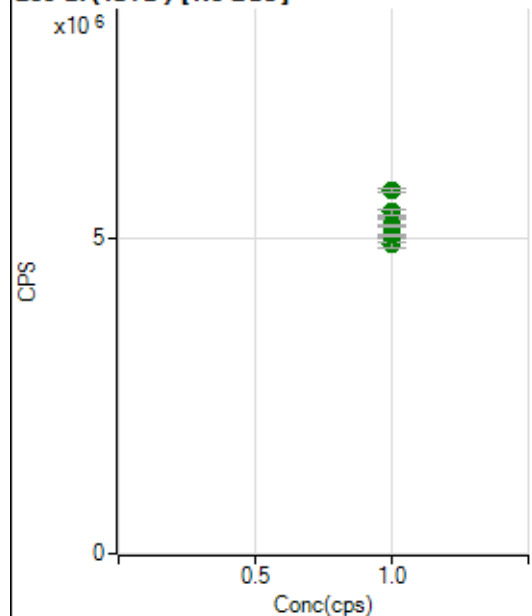
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1793487.04		A	0.5
2	☐	1.000					
3	☐	1.000		1767302.98		A	0.2
4	☐	1.000		1764602.02		A	0.2
5	☐	1.000		1805218.00		A	1.0
6	☐	1.000		1755798.95		A	0.9
7	☐	1.000		1752314.99		A	0.9
8	☐	1.000		1746095.43		A	0.8
9	☐	1.000		1740813.15		A	0.3

165 Ho (ISTD) [No Gas]

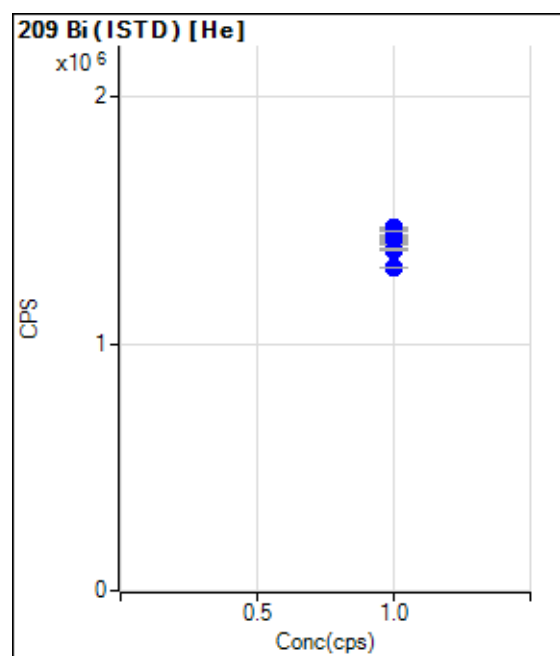
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7888861.29		A	0.4
2	☐	1.000					
3	☐	1.000		7677239.67		A	1.8
4	☐	1.000		7986211.46		A	0.3
5	☐	1.000		8187742.28		A	0.3
6	☐	1.000		8322677.35		A	0.7
7	☐	1.000		8337474.32		A	2.2
8	☐	1.000		8889952.72		A	0.4
9	☐	1.000		8515607.65		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1827379.63		A	0.3
2	☐	1.000					
3	☐	1.000		1824853.30		A	0.9
4	☐	1.000		1812238.15		A	1.0
5	☐	1.000		1833261.69		A	0.7
6	☐	1.000		1807550.67		A	0.4
7	☐	1.000		1796371.10		A	0.8
8	☐	1.000		1793682.11		A	0.7
9	☐	1.000		1786803.83		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5019942.15		A	0.9
2	☐	1.000					
3	☐	1.000		4886379.37		A	1.4
4	☐	1.000		5044639.06		A	0.5
5	☐	1.000		5196535.97		A	0.2
6	☐	1.000		5311713.71		A	0.5
7	☐	1.000		5406217.49		A	1.9
8	☐	1.000		5741186.30		A	0.9
9	☐	1.000		5197730.24		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470695.08		P	0.5
2	☐	1.000					
3	☐	1.000		1436607.98		P	0.2
4	☐	1.000		1426757.09		P	0.5
5	☐	1.000		1456386.25		P	0.2
6	☐	1.000		1414305.87		P	0.4
7	☐	1.000		1403741.97		P	0.3
8	☐	1.000		1382725.55		P	0.9
9	☐	1.000		1309484.90		P	0.5

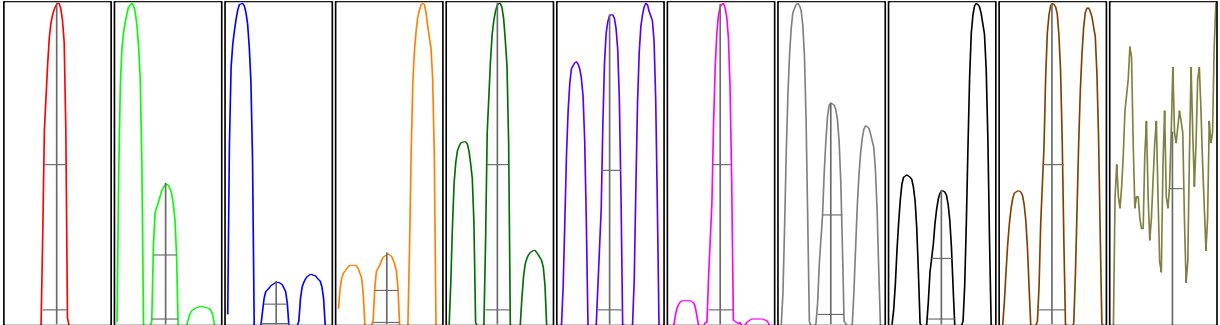
US EPA Tune Check Sample Report

Batch Folder D:\P8101117 -MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5238	1.01	5.00	
24	27527	0.37	5.00	
25	3813	0.57	5.00	
26	4366	0.53	5.00	
59	62544	0.68	5.00	
113	8962	0.87	5.00	
115	117001	1.57	5.00	
206	23324	0.37	5.00	
207	21190	0.47	5.00	
208	50241	0.74	5.00	
220	1	25.26		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5266	5287	5226	5260	5151
24	27566	27468	27553	27654	27391
25	3836	3790	3827	3790	3823
26	4391	4349	4387	4363	4338
59	62953	62639	62571	62726	61833
113	8943	9052	8987	8984	8842
115	118126	117813	117978	117333	113754
206	23300	23412	23275	23412	23219
207	21252	21199	21066	21314	21121
208	50501	50212	49990	50709	49793
220	1	2	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	8621	9.00	8.9 - 9.1		0.739	0.900	
24	44148	23.95	23.9 - 24.1		0.744	0.900	
25	5982	24.95	24.9 - 25.1		0.788	0.900	
26	7021	25.95	25.9 - 26.1		0.764	0.900	
59	104955	58.95	58.9 - 59.1		0.736	0.900	
113	16242	113.00	112.9 - 113.1		0.726	0.900	
115	211436	115.00	114.9 - 115.1		0.732	0.900	
206	41683	206.00	205.9 - 206.1		0.774	0.900	
207	37427	207.00	206.9 - 207.1		0.779	0.900	
208	89262	208.00	207.9 - 208.1		0.774	0.900	
220	2	220.30	-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	14.0	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8323	0.39	
89	1949	2.19	
205	11833	0.56	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8353	8301	8316	8359	8285
89	1990	1981	1943	1948	1881
205	11928	11849	11839	11749	11801

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	2.2	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 10:38:18 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.68	-0.45	2.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.09	-0.24	0.00	N/A	ppb
Boron	11-1	-0.03	0.13	-0.10	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.07	0.08	0.00	N/A	ppb
Cadmium	106-1	-0.04	-1.08	1.12	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00	N/A	ppb
Calcium	43-1	8.28	-11.93	3.65	0.00	N/A	ppb
Calcium	44-1	0.31	0.71	-1.02	0.00	N/A	ppb
Chromium	52-2	-0.10	0.05	0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	0.03	-0.04	0.00	N/A	ppb
Iron	57-2	-0.86	0.59	0.27	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	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				100		%
Magnesium	24-2	-0.35	0.42	-0.07	0.00	N/A	ppb
Manganese	55-2	0.01	-0.03	0.01	0.00	N/A	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:38:18	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-14.95	20.41	2.90	2.79	634.24	ppb
Potassium	39-2	-1.64	5.28	-3.64	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	-0.70	1.39	0.00	N/A	ppb
Selenium	82-1	0.43	-0.69	0.25	0.00	N/A	ppb
Silicon	28-1	0.80	-0.96	0.16	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	3.49	2.37	-5.86	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-380.61	-370.90	-431.92	-394.48		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.02	0.00	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:38:18	DataFile Name :	003CALB.d

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

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.28	15.05	15.42	18.25	28.63	ppb
Antimony	121-1	1.95	1.88	1.90	1.91	2.05	ppb
Arsenic	75-2	0.67	0.80	0.89	0.79	14.09	ppb
Barium	135-1	9.44	9.27	9.39	9.37	0.94	ppb
Barium	137-1	9.49	9.65	9.47	9.54	1.03	ppb
Beryllium	9-1	1.12	1.06	0.99	1.06	5.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	21.33	24.31	24.38	23.34	7.45	ppb
Boron	11-1	22.29	24.55	24.59	23.81	5.53	ppb
Cadmium	111-1	0.96	0.97	0.91	0.94	3.20	ppb
Cadmium	106-1	-0.26	1.04	0.01	0.26	259.46	ppb
Cadmium	108-1	1.07	1.13	1.05	1.08	3.51	ppb
Calcium	43-1	393.96	441.99	415.84	417.26	5.76	ppb
Calcium	44-1	430.28	442.44	433.70	435.48	1.44	ppb
Chromium	52-2	1.91	1.90	2.30	2.04	11.25	ppb
Cobalt	59-2	0.91	0.90	0.90	0.90	0.89	ppb
Copper	63-2	1.83	1.89	1.77	1.83	3.43	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				97		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	49.25	45.59	47.20	47.34	3.87	ppb
Iron	57-2	59.63	49.73	55.28	54.88	9.05	ppb
Lead	206-1	0.85	0.89	0.94	0.90	5.11	ppb
Lead	207-1	0.86	0.95	0.96	0.92	5.73	ppb
Lead	208-1	0.89	0.93	0.95	0.92	3.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	465.20	452.00	468.50	461.90	1.89	ppb
Manganese	55-2	0.93	1.09	0.94	0.99	9.35	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	2.05	1.95	1.95	4.84	ppb
Molybdenum	95-1	4.36	4.41	4.33	4.37	0.92	ppb
Molybdenum	96-1	3.72	3.93	3.78	3.81	2.87	ppb
Molybdenum	97-1	4.35	4.47	4.61	4.48	2.92	ppb
Molybdenum	98-1	4.31	4.34	4.42	4.36	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.00	1.01	1.04	5.33	ppb
Phosphorus	31-2	-14.95	3.13	3.46	-2.79		ppb
Potassium	39-2	497.03	464.43	506.19	489.21	4.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	17.38	4.28	7.22	125.45	ppb
Selenium	78-2	4.97	4.35	6.41	5.24	20.12	ppb
Selenium	82-1	4.78	4.17	4.86	4.60	8.28	ppb
Silicon	28-1	21.06	23.73	19.60	21.47	9.77	ppb
Silver	109-1	1.03	0.99	1.02	1.01	2.08	ppb
Silver	107-1	1.04	1.03	1.02	1.03	0.79	ppb
Sodium	23-2	465.03	469.11	493.23	475.79	3.20	ppb
Strontium	86-1	0.99	0.99	0.88	0.95	6.92	ppb
Strontium	88-1	0.93	0.92	0.92	0.92	0.78	ppb
Sulfur	34-1	365.64	498.47	319.32	394.48	23.57	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.95	0.87	0.91	4.72	ppb
Thallium	205-1	0.87	0.91	0.89	0.89	2.50	ppb
Tin	118-1	4.78	4.80	4.77	4.79	0.34	ppb
Titanium	47-1	4.29	4.63	4.54	4.49	3.90	ppb
Uranium	238-1	0.83	0.82	0.84	0.83	1.22	ppb
Vanadium	51-2	4.57	4.36	4.53	4.49	2.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.00	1.96	1.95	1.97	1.32	ppb
Zirconium	90-1	0.83	0.86	0.85	0.85	1.39	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.91	0.82	0.86	5.91	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	993.13	1020.93	981.34	998.47	2.04	ppb
Antimony	121-1	52.43	51.90	52.49	52.28	0.62	ppb
Arsenic	75-2	48.75	48.34	48.77	48.62	0.50	ppb
Barium	135-1	262.73	261.11	260.52	261.45	0.44	ppb
Barium	137-1	260.67	257.82	260.40	259.63	0.60	ppb
Beryllium	9-1	55.57	56.87	55.67	56.03	1.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	51.52	54.76	53.96	53.41	3.16	ppb
Boron	11-1	51.15	54.52	52.85	52.84	3.19	ppb
Cadmium	111-1	53.48	52.33	52.90	52.90	1.09	ppb
Cadmium	106-1	55.28	53.32	52.87	53.82	2.38	ppb
Cadmium	108-1	54.60	54.68	54.30	54.53	0.36	ppb
Calcium	43-1	4834.97	4761.02	4712.87	4769.62	1.29	ppb
Calcium	44-1	4991.29	4876.13	4856.55	4907.99	1.48	ppb
Chromium	52-2	50.77	50.92	52.12	51.27	1.44	ppb
Cobalt	59-2	49.53	49.38	49.97	49.63	0.61	ppb
Copper	63-2	100.38	97.21	100.73	99.44	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	2707.45	2696.54	2698.18	2700.72	0.22	ppb
Iron	57-2	2599.15	2534.96	2737.80	2623.97	3.95	ppb
Lead	206-1	49.57	49.05	49.38	49.33	0.53	ppb
Lead	207-1	49.84	49.80	48.99	49.54	0.97	ppb
Lead	208-1	49.49	49.47	49.22	49.40	0.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	5214.12	5219.96	5380.99	5271.69	1.80	ppb
Manganese	55-2	102.30	102.30	103.65	102.75	0.76	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.67	49.79	50.05	49.83	0.39	ppb
Molybdenum	95-1	48.42	48.98	49.13	48.84	0.76	ppb
Molybdenum	96-1	49.69	49.50	49.80	49.66	0.31	ppb
Molybdenum	97-1	49.20	48.96	50.06	49.41	1.18	ppb
Molybdenum	98-1	49.77	49.05	49.95	49.59	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.10	50.43	52.54	51.36	2.10	ppb
Phosphorus	31-2	992.51	1062.26	1023.01	1025.92	3.41	ppb
Potassium	39-2	2725.43	2602.55	2715.81	2681.26	2.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	43.37	52.34	43.64	46.45	10.99	ppb
Selenium	78-2	56.89	42.02	39.87	46.26	20.04	ppb
Selenium	82-1	52.18	51.50	51.33	51.67	0.87	ppb
Silicon	28-1	67.59	64.87	69.07	67.18	3.17	ppb
Silver	109-1	54.33	53.51	53.32	53.72	1.00	ppb
Silver	107-1	54.87	53.94	54.14	54.32	0.90	ppb
Sodium	23-2	5348.40	5279.67	5368.52	5332.19	0.87	ppb
Strontium	86-1	50.27	48.88	49.49	49.55	1.41	ppb
Strontium	88-1	50.85	50.22	50.67	50.58	0.64	ppb
Sulfur	34-1	1383.82	1137.76	1031.83	1184.47	15.25	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	49.72	50.67	49.56	49.98	1.21	ppb
Thallium	205-1	50.51	49.80	50.12	50.14	0.70	ppb
Tin	118-1	53.16	52.55	53.41	53.04	0.84	ppb
Titanium	47-1	50.78	50.25	50.92	50.65	0.70	ppb
Uranium	238-1	47.35	47.25	47.40	47.33	0.16	ppb
Vanadium	51-2	51.60	49.91	50.82	50.78	1.67	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	97.97	99.82	106.01	101.27	4.16	ppb
Zirconium	90-1	49.74	49.79	50.10	49.88	0.40	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.66	49.01	50.08	49.58	1.09	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 10:52:24 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2585.53	2599.16	2543.12	2575.94	1.13	ppb
Antimony	121-1	131.86	130.38	131.18	131.14	0.57	ppb
Arsenic	75-2	127.55	127.13	128.20	127.62	0.42	ppb
Barium	135-1	660.94	657.54	654.46	657.64	0.49	ppb
Barium	137-1	669.11	661.29	666.01	665.47	0.59	ppb
Beryllium	9-1	136.28	135.69	138.72	136.90	1.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	123.76	133.50	135.47	130.91	4.79	ppb
Boron	11-1	128.15	134.17	137.22	133.18	3.46	ppb
Cadmium	111-1	132.96	132.88	130.79	132.21	0.93	ppb
Cadmium	106-1	132.98	134.21	134.28	133.82	0.55	ppb
Cadmium	108-1	139.73	139.06	138.51	139.10	0.44	ppb
Calcium	43-1	12318.75	12292.15	12333.01	12314.64	0.17	ppb
Calcium	44-1	12349.18	12204.95	12299.51	12284.55	0.60	ppb
Chromium	52-2	124.89	127.30	122.77	124.99	1.81	ppb
Cobalt	59-2	122.62	123.40	120.13	122.05	1.40	ppb
Copper	63-2	246.43	248.35	243.35	246.05	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	6608.20	6617.12	6502.12	6575.81	0.97	ppb
Iron	57-2	6398.90	6526.08	6445.91	6456.97	1.00	ppb
Lead	206-1	124.85	125.61	124.52	124.99	0.45	ppb
Lead	207-1	123.83	125.32	126.22	125.12	0.97	ppb
Lead	208-1	124.25	125.78	125.49	125.17	0.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	13215.35	13189.00	12995.50	13133.28	0.91	ppb
Manganese	55-2	251.48	255.64	249.11	252.08	1.31	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:52:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	125.58	125.27	126.79	125.88	0.64	ppb
Molybdenum	95-1	122.44	123.39	126.19	124.01	1.57	ppb
Molybdenum	96-1	124.48	124.04	127.51	125.34	1.51	ppb
Molybdenum	97-1	125.32	124.26	125.52	125.03	0.54	ppb
Molybdenum	98-1	123.55	123.24	126.34	124.38	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.27	126.02	124.36	124.88	0.79	ppb
Phosphorus	31-2	3031.21	3205.61	2401.25	2879.36	14.70	ppb
Potassium	39-2	6443.85	6578.58	6541.88	6521.44	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	129.04	125.38	86.22	113.55	20.90	ppb
Selenium	78-2	132.80	125.59	111.63	123.34	8.73	ppb
Selenium	82-1	128.72	126.53	129.49	128.25	1.20	ppb
Silicon	28-1	133.80	166.60	171.69	157.36	13.07	ppb
Silver	109-1	134.00	133.10	133.33	133.47	0.35	ppb
Silver	107-1	136.01	136.23	134.34	135.53	0.76	ppb
Sodium	23-2	13262.82	13273.16	13073.01	13203.00	0.85	ppb
Strontium	86-1	125.95	124.70	127.36	126.00	1.06	ppb
Strontium	88-1	129.65	128.57	131.59	129.94	1.18	ppb
Sulfur	34-1	2785.58	2572.72	2912.44	2756.91	6.23	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	125.42	126.03	125.45	125.63	0.28	ppb
Thallium	205-1	129.13	127.84	128.37	128.45	0.51	ppb
Tin	118-1	133.49	132.44	131.73	132.55	0.67	ppb
Titanium	47-1	129.41	128.32	129.95	129.23	0.64	ppb
Uranium	238-1	126.24	121.91	122.41	123.52	1.92	ppb
Vanadium	51-2	126.59	127.02	124.71	126.11	0.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	251.26	252.58	246.36	250.07	1.31	ppb
Zirconium	90-1	127.71	126.35	130.37	128.14	1.59	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:52:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.39	123.68	126.45	124.84	1.15	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:55:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5348.15	5008.90	5144.60	5167.22	3.30	ppb
Antimony	121-1	267.56	264.64	261.69	264.63	1.11	ppb
Arsenic	75-2	251.34	248.09	252.62	250.69	0.93	ppb
Barium	135-1	1340.38	1325.63	1334.81	1333.61	0.56	ppb
Barium	137-1	1343.23	1311.52	1321.70	1325.48	1.22	ppb
Beryllium	9-1	265.71	267.00	266.72	266.48	0.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	259.10	272.40	278.53	270.01	3.68	ppb
Boron	11-1	266.84	268.59	271.28	268.90	0.83	ppb
Cadmium	111-1	258.73	256.80	256.65	257.40	0.45	ppb
Cadmium	106-1	262.70	267.87	260.37	263.64	1.46	ppb
Cadmium	108-1	269.07	264.32	267.46	266.95	0.91	ppb
Calcium	43-1	24701.24	24816.36	24863.93	24793.84	0.34	ppb
Calcium	44-1	24845.51	24578.68	24383.10	24602.43	0.94	ppb
Chromium	52-2	252.56	247.39	255.27	251.74	1.59	ppb
Cobalt	59-2	248.21	240.03	247.55	245.26	1.85	ppb
Copper	63-2	504.84	489.58	504.94	499.79	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	13546.45	13046.43	13418.71	13337.19	1.95	ppb
Iron	57-2	13517.87	13150.02	13477.02	13381.63	1.51	ppb
Lead	206-1	246.66	245.46	245.53	245.88	0.27	ppb
Lead	207-1	247.25	245.30	247.72	246.76	0.52	ppb
Lead	208-1	251.13	249.92	250.21	250.42	0.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	26896.41	25789.31	26635.05	26440.25	2.19	ppb
Manganese	55-2	520.09	500.12	512.77	510.99	1.98	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:55:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	264.25	260.85	260.39	261.83	0.81	ppb
Molybdenum	95-1	249.84	250.54	252.31	250.89	0.51	ppb
Molybdenum	96-1	254.38	253.59	256.63	254.87	0.62	ppb
Molybdenum	97-1	253.69	253.63	249.21	252.18	1.02	ppb
Molybdenum	98-1	258.65	260.69	260.19	259.84	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.04	245.06	253.04	250.05	1.74	ppb
Phosphorus	31-2	5897.75	5143.37	5103.74	5381.62	8.31	ppb
Potassium	39-2	13385.67	13007.67	13376.41	13256.58	1.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	230.15	311.49	246.36	262.67	16.39	ppb
Selenium	78-2	243.18	230.46	275.86	249.83	9.37	ppb
Selenium	82-1	254.84	251.40	260.38	255.54	1.77	ppb
Silicon	28-1	256.37	253.34	257.26	255.66	0.80	ppb
Silver	109-1	272.35	266.74	266.73	268.61	1.21	ppb
Silver	107-1	269.26	268.08	264.23	267.19	0.98	ppb
Sodium	23-2	27713.34	26679.03	27312.95	27235.11	1.91	ppb
Strontium	86-1	252.90	253.41	254.25	253.52	0.27	ppb
Strontium	88-1	259.11	260.02	259.61	259.58	0.18	ppb
Sulfur	34-1	5346.50	4874.94	4990.70	5070.72	4.85	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	257.78	251.01	253.68	254.16	1.34	ppb
Thallium	205-1	253.68	250.91	253.34	252.64	0.60	ppb
Tin	118-1	272.10	267.63	267.28	269.00	1.00	ppb
Titanium	47-1	262.40	255.15	255.83	257.79	1.55	ppb
Uranium	238-1	246.42	246.94	250.82	248.06	0.97	ppb
Vanadium	51-2	252.60	246.63	253.43	250.89	1.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	509.14	500.48	511.13	506.92	1.12	ppb
Zirconium	90-1	258.50	262.14	259.32	259.98	0.73	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:55:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.73	253.72	254.40	253.62	0.33	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:59:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9979.27	9901.57	9645.57	9842.14	1.77	ppb
Antimony	121-1	509.04	508.49	509.59	509.04	0.11	ppb
Arsenic	75-2	502.04	502.49	503.87	502.80	0.19	ppb
Barium	135-1	2540.61	2547.57	2567.62	2551.93	0.55	ppb
Barium	137-1	2513.05	2533.13	2515.90	2520.69	0.43	ppb
Beryllium	9-1	506.31	506.13	502.08	504.84	0.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Boron	10-1	512.72	509.64	501.74	508.03	1.11	ppb
Boron	11-1	505.75	502.96	507.84	505.52	0.48	ppb
Cadmium	111-1	500.77	496.16	499.50	498.81	0.48	ppb
Cadmium	106-1	524.71	513.80	512.91	517.14	1.27	ppb
Cadmium	108-1	509.45	511.60	509.41	510.15	0.25	ppb
Calcium	43-1	48105.51	48583.28	48694.87	48461.22	0.65	ppb
Calcium	44-1	47950.54	48950.24	48503.87	48468.22	1.03	ppb
Chromium	52-2	505.67	502.88	506.82	505.12	0.40	ppb
Cobalt	59-2	493.99	494.44	496.08	494.84	0.22	ppb
Copper	63-2	1018.89	1016.89	997.84	1011.21	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	26334.41	26274.22	26411.84	26340.16	0.26	ppb
Iron	57-2	26407.23	26385.48	26083.19	26291.97	0.69	ppb
Lead	206-1	505.50	506.72	511.14	507.79	0.58	ppb
Lead	207-1	504.72	505.52	505.66	505.30	0.10	ppb
Lead	208-1	502.12	505.32	508.88	505.44	0.67	ppb
Lithium	6-1				107		%
Magnesium	24-2	52377.23	51879.46	51844.77	52033.82	0.57	ppb
Manganese	55-2	1014.01	1016.36	1002.32	1010.90	0.74	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:59:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.31	513.25	497.07	505.54	1.61	ppb
Molybdenum	95-1	506.73	509.02	506.83	507.53	0.25	ppb
Molybdenum	96-1	507.77	516.69	504.46	509.64	1.24	ppb
Molybdenum	97-1	493.24	496.79	493.20	494.41	0.42	ppb
Molybdenum	98-1	509.32	508.15	502.06	506.51	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.19	513.40	507.84	509.48	0.67	ppb
Phosphorus	31-2	10157.32	10186.95	10205.78	10183.35	0.24	ppb
Potassium	39-2	24938.31	25198.96	24821.41	24986.23	0.77	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	524.25	460.17	517.59	500.67	7.04	ppb
Selenium	78-2	472.85	503.08	509.33	495.09	3.94	ppb
Selenium	82-1	511.57	502.78	503.32	505.89	0.97	ppb
Silicon	28-1	513.43	515.40	499.25	509.36	1.73	ppb
Silver	109-1	510.57	516.95	511.51	513.01	0.67	ppb
Silver	107-1	520.61	513.73	518.56	517.63	0.68	ppb
Sodium	23-2	51833.28	51938.65	51616.71	51796.21	0.32	ppb
Strontium	86-1	502.06	497.38	490.98	496.81	1.12	ppb
Strontium	88-1	508.88	501.29	504.28	504.82	0.76	ppb
Sulfur	34-1	10040.61	10049.63	9689.41	9926.55	2.07	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	505.37	510.73	510.55	508.88	0.60	ppb
Thallium	205-1	497.33	503.08	501.24	500.55	0.59	ppb
Tin	118-1	510.89	508.26	514.91	511.35	0.66	ppb
Titanium	47-1	500.49	503.10	502.34	501.98	0.27	ppb
Uranium	238-1	495.34	494.39	499.02	496.25	0.49	ppb
Vanadium	51-2	503.56	505.62	501.10	503.42	0.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	1015.16	1011.50	1024.39	1017.02	0.65	ppb
Zirconium	90-1	503.33	501.10	498.56	501.00	0.48	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:59:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.51	500.78	498.89	501.06	0.46	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:02:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19342.53	19292.78	19007.27	19214.19	0.94	ppb
Antimony	121-1	1002.65	979.28	990.89	990.94	1.18	ppb
Arsenic	75-2	1002.25	991.71	1000.54	998.17	0.57	ppb
Barium	135-1	5008.09	4902.74	4934.61	4948.48	1.09	ppb
Barium	137-1	5002.66	4918.88	4974.19	4965.24	0.86	ppb
Beryllium	9-1	1004.24	979.91	990.87	991.67	1.23	ppb
Bismuth	209-1				114		%
Bismuth	209-2				94		%
Boron	10-1	972.51	989.03	1008.80	990.11	1.83	ppb
Boron	11-1	974.03	990.29	1009.83	991.38	1.81	ppb
Cadmium	111-1	1005.54	986.05	1001.51	997.70	1.03	ppb
Cadmium	106-1	985.91	985.77	988.50	986.73	0.16	ppb
Cadmium	108-1	999.58	978.73	987.79	988.70	1.06	ppb
Calcium	43-1	97549.19	97313.29	97536.83	97466.44	0.14	ppb
Calcium	44-1	95596.57	97556.92	95771.58	96308.36	1.13	ppb
Chromium	52-2	996.41	1007.89	986.53	996.94	1.07	ppb
Cobalt	59-2	1008.13	1013.23	991.10	1004.15	1.15	ppb
Copper	63-2	2024.96	2001.36	1958.59	1994.97	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				84		%
Iron	56-2	52380.33	52544.46	51275.56	52066.79	1.33	ppb
Iron	57-2	52318.31	52506.03	50792.62	51872.32	1.81	ppb
Lead	206-1	992.95	1003.26	995.30	997.17	0.54	ppb
Lead	207-1	988.21	1003.37	1002.93	998.17	0.86	ppb
Lead	208-1	989.84	1002.16	999.55	997.18	0.65	ppb
Lithium	6-1				111		%
Magnesium	24-2	100843.62	100860.51	98897.11	100200.41	1.13	ppb
Manganese	55-2	1993.31	2006.98	1973.93	1991.41	0.83	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:02:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	998.93	993.33	990.30	994.18	0.44	ppb
Molybdenum	95-1	997.73	995.59	995.28	996.20	0.13	ppb
Molybdenum	96-1	992.94	986.81	1002.08	993.94	0.77	ppb
Molybdenum	97-1	1011.37	1005.53	989.94	1002.28	1.11	ppb
Molybdenum	98-1	1004.79	984.72	993.65	994.39	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.26	1001.73	979.60	995.20	1.36	ppb
Phosphorus	31-2	20599.23	19727.47	18965.91	19764.20	4.14	ppb
Potassium	39-2	48634.93	49385.19	48212.45	48744.19	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	1052.40	986.05	955.84	998.10	4.95	ppb
Selenium	78-2	1033.91	1019.64	955.12	1002.89	4.19	ppb
Selenium	82-1	993.35	992.11	1000.08	995.18	0.43	ppb
Silicon	28-1	977.10	991.97	997.59	988.89	1.07	ppb
Silver	109-1	1001.08	981.68	980.03	987.60	1.19	ppb
Silver	107-1	985.25	987.95	982.86	985.35	0.26	ppb
Sodium	23-2	100635.82	101907.63	98128.97	100224.14	1.92	ppb
Strontium	86-1	1008.79	1000.23	992.82	1000.61	0.80	ppb
Strontium	88-1	994.34	995.25	994.06	994.55	0.06	ppb
Sulfur	34-1	19559.97	20061.48	20311.67	19977.71	1.92	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	985.34	1008.32	989.66	994.44	1.23	ppb
Thallium	205-1	995.08	1005.59	995.21	998.63	0.60	ppb
Tin	118-1	995.65	977.57	992.21	988.48	0.97	ppb
Titanium	47-1	986.93	1010.58	992.01	996.50	1.25	ppb
Uranium	238-1	996.02	1010.35	1001.66	1002.68	0.72	ppb
Vanadium	51-2	1000.96	1008.27	984.44	997.89	1.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				89		%
Zinc	66-2	1996.46	2023.56	1949.05	1989.69	1.90	ppb
Zirconium	90-1	992.24	999.02	998.60	996.62	0.38	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:02:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.75	992.91	1003.16	998.61	0.52	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98706.01	98616.35	103165.75	100162.70	2.60	ppb
Antimony	121-1	1.20	1.25	1.21	1.22	2.23	ppb
Arsenic	75-2	0.33	0.40	0.34	0.36	11.16	ppb
Barium	135-1	1.38	1.41	1.29	1.36	4.77	ppb
Barium	137-1	1.39	1.30	1.32	1.34	3.43	ppb
Beryllium	9-1	0.21	0.28	0.23	0.24	15.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				89		%
Boron	10-1	43.53	38.15	34.30	38.66	12.00	ppb
Boron	11-1	41.07	38.70	35.47	38.41	7.31	ppb
Cadmium	111-1	0.13	0.13	0.08	0.12	23.61	ppb
Cadmium	106-1	1.02	0.83	0.40	0.75	42.06	ppb
Cadmium	108-1	0.23	0.14	0.01	0.13	85.58	ppb
Calcium	43-1	501820.29	497180.67	503032.80	500677.92	0.62	ppb
Calcium	44-1	502893.02	496625.45	503234.80	500917.76	0.74	ppb
Chromium	52-2	14.09	13.74	14.43	14.09	2.45	ppb
Cobalt	59-2	1.00	1.04	1.07	1.04	3.84	ppb
Copper	63-2	2.16	2.09	2.12	2.12	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	249949.86	245043.37	253208.61	249400.62	1.65	ppb
Iron	57-2	247913.76	244987.64	255436.13	249445.84	2.16	ppb
Lead	206-1	1.13	1.15	1.14	1.14	0.76	ppb
Lead	207-1	1.06	1.04	1.02	1.04	2.36	ppb
Lead	208-1	1.09	1.08	1.07	1.08	0.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	498332.97	490750.93	509914.13	499666.01	1.93	ppb
Manganese	55-2	7.03	7.50	7.60	7.38	4.09	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.88	0.93	0.91	3.16	ppb
Molybdenum	95-1	2.72	2.90	2.69	2.77	4.02	ppb
Molybdenum	96-1	2.66	2.68	2.59	2.65	1.75	ppb
Molybdenum	97-1	2.62	2.87	2.66	2.72	5.04	ppb
Molybdenum	98-1	2.70	2.63	2.73	2.69	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.08	9.08	9.99	9.72	5.68	ppb
Phosphorus	31-2	4.31	-14.95	4.52	-2.04		ppb
Potassium	39-2	249449.86	247583.57	253584.97	250206.13	1.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.07	-0.70	0.06	-0.19		ppb
Selenium	82-1	0.43	1.26	0.21	0.64	86.64	ppb
Silicon	28-1	4.36	3.71	4.86	4.31	13.37	ppb
Silver	109-1	0.11	0.10	0.11	0.11	6.01	ppb
Silver	107-1	0.10	0.09	0.10	0.10	6.76	ppb
Sodium	23-2	496905.31	490580.17	511443.29	499642.92	2.14	ppb
Strontium	86-1	33.64	34.39	33.47	33.83	1.45	ppb
Strontium	88-1	34.37	34.62	34.34	34.45	0.45	ppb
Sulfur	34-1	-1115.73	-1159.77	-955.83	-1077.11		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.33	0.37	0.35	0.35	5.28	ppb
Thallium	205-1	0.41	0.35	0.35	0.37	9.74	ppb
Tin	118-1	0.99	0.90	0.90	0.93	5.10	ppb
Titanium	47-1	0.48	0.42	0.38	0.43	10.95	ppb
Uranium	238-1	0.08	0.07	0.08	0.07	7.97	ppb
Vanadium	51-2	0.18	0.16	0.23	0.19	18.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	4.51	4.73	4.59	4.61	2.39	ppb
Zirconium	90-1	0.10	0.10	0.08	0.09	9.77	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.06	0.08	26.62	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:56:23 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.18	519.39	507.19	509.25	1.82	ppb
Antimony	121-1	198.31	197.22	199.48	198.33	0.57	ppb
Arsenic	75-2	192.29	193.51	194.55	193.45	0.59	ppb
Barium	135-1	98.20	98.09	99.84	98.71	0.99	ppb
Barium	137-1	97.37	98.23	99.41	98.34	1.04	ppb
Beryllium	9-1	97.81	97.53	96.47	97.27	0.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	534.75	550.11	554.84	546.57	1.92	ppb
Boron	11-1	543.27	549.65	549.60	547.51	0.67	ppb
Cadmium	111-1	101.20	100.54	102.30	101.35	0.88	ppb
Cadmium	106-1	161.00	155.86	159.08	158.65	1.64	ppb
Cadmium	108-1	136.65	129.21	134.03	133.30	2.83	ppb
Calcium	43-1	2044.13	2006.79	2005.83	2018.92	1.08	ppb
Calcium	44-1	1973.49	1988.66	1970.38	1977.51	0.49	ppb
Chromium	52-2	94.36	95.46	95.11	94.98	0.59	ppb
Cobalt	59-2	95.31	95.14	94.50	94.98	0.45	ppb
Copper	63-2	96.84	95.78	96.16	96.26	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	1010.47	998.64	993.26	1000.79	0.88	ppb
Iron	57-2	1000.50	967.58	965.57	977.88	2.01	ppb
Lead	206-1	192.26	189.76	191.71	191.25	0.69	ppb
Lead	207-1	186.47	183.24	184.57	184.76	0.88	ppb
Lead	208-1	194.28	191.01	192.46	192.58	0.85	ppb
Lithium	6-1				111		%
Magnesium	24-2	1182.39	1197.56	1182.54	1187.50	0.73	ppb
Manganese	55-2	97.80	96.91	97.07	97.26	0.49	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:56:23	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.46	505.00	495.30	501.25	1.04	ppb
Molybdenum	95-1	508.14	505.54	501.47	505.05	0.66	ppb
Molybdenum	96-1	508.88	505.49	506.20	506.86	0.35	ppb
Molybdenum	97-1	487.57	486.77	489.13	487.82	0.25	ppb
Molybdenum	98-1	500.44	500.76	505.72	502.31	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.29	97.16	98.23	97.89	0.65	ppb
Phosphorus	31-2	4.26	-14.95	-14.95	-8.55		ppb
Potassium	39-2	2022.01	2029.12	1994.58	2015.24	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	185.48	167.26	196.74	183.16	8.12	ppb
Selenium	78-2	191.70	177.43	189.00	186.05	4.08	ppb
Selenium	82-1	196.09	194.37	192.92	194.46	0.81	ppb
Silicon	28-1	472.35	485.93	472.78	477.02	1.62	ppb
Silver	109-1	100.76	99.58	100.69	100.34	0.66	ppb
Silver	107-1	101.31	100.98	101.09	101.13	0.17	ppb
Sodium	23-2	2032.75	2029.01	1983.39	2015.05	1.36	ppb
Strontium	86-1	488.54	493.68	494.33	492.18	0.64	ppb
Strontium	88-1	507.75	506.30	501.98	505.34	0.59	ppb
Sulfur	34-1	-252.92	-271.46	-502.97	-342.45		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	196.71	194.94	196.53	196.06	0.50	ppb
Thallium	205-1	202.02	202.51	203.36	202.63	0.34	ppb
Tin	118-1	528.63	525.81	532.51	528.98	0.64	ppb
Titanium	47-1	493.35	500.27	497.53	497.05	0.70	ppb
Uranium	238-1	524.10	519.91	521.12	521.71	0.41	ppb
Vanadium	51-2	95.05	96.99	95.88	95.97	1.02	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	193.19	194.64	189.99	192.61	1.23	ppb
Zirconium	90-1	496.03	492.03	497.58	495.21	0.58	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:56:23	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.79	492.87	490.61	495.42	1.31	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:59:47 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	5.61	0.03	1.86	174.72	ppb
Antimony	121-1	0.11	0.11	0.10	0.11	5.85	ppb
Arsenic	75-2	-0.02	0.02	0.07	0.03	176.54	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	1721.47	ppb
Barium	137-1	0.00	0.01	0.00	0.00	1617.19	ppb
Beryllium	9-1	0.04	0.01	0.02	0.03	64.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				94		%
Boron	10-1	10.07	9.33	8.56	9.32	8.13	ppb
Boron	11-1	9.79	8.43	8.62	8.95	8.20	ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-0.07	-0.35	-0.20	-0.21		ppb
Cadmium	108-1	-0.05	0.02	-0.05	-0.02		ppb
Calcium	43-1	-22.86	-14.69	-24.98	-20.84		ppb
Calcium	44-1	-2.11	-3.87	-4.69	-3.56		ppb
Chromium	52-2	0.10	0.02	0.15	0.09	69.53	ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	0.01	0.04	0.01	0.02	60.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	0.36	0.65	0.89	0.63	41.77	ppb
Iron	57-2	-1.04	0.24	-1.39	-0.73		ppb
Lead	206-1	0.02	0.04	0.03	0.03	25.10	ppb
Lead	207-1	0.03	0.05	0.04	0.04	29.95	ppb
Lead	208-1	0.03	0.05	0.04	0.04	20.79	ppb
Lithium	6-1				111		%
Magnesium	24-2	-0.73	0.49	-0.11	-0.12		ppb
Manganese	55-2	0.03	-0.01	0.08	0.04	121.21	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:59:47 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.11	0.10	10.70	ppb
Molybdenum	95-1	0.28	0.29	0.26	0.28	4.97	ppb
Molybdenum	96-1	0.21	0.21	0.20	0.21	1.71	ppb
Molybdenum	97-1	0.23	0.30	0.21	0.24	20.02	ppb
Molybdenum	98-1	0.32	0.26	0.24	0.27	14.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.07	0.04	61.07	ppb
Phosphorus	31-2	4.08	4.57	43.19	17.28	129.89	ppb
Potassium	39-2	-1.95	3.90	-14.00	-4.02		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	-0.70	0.83	-0.19		ppb
Selenium	82-1	0.60	-0.36	-0.12	0.04	1187.81	ppb
Silicon	28-1	-15.56	-17.23	-15.42	-16.07		ppb
Silver	109-1	0.01	0.01	0.00	0.01	22.51	ppb
Silver	107-1	0.01	0.01	0.00	0.01	64.10	ppb
Sodium	23-2	25.15	19.71	14.51	19.79	26.89	ppb
Strontium	86-1	-0.01	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.02	0.03	0.02	0.02	8.04	ppb
Sulfur	34-1	-148.52	-342.59	-346.34	-279.15		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.05	0.04	0.04	8.05	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	20.79	ppb
Tin	118-1	0.09	0.09	0.15	0.11	28.30	ppb
Titanium	47-1	-0.08	0.00	-0.01	-0.03		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.97	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	0.44	0.36	0.43	0.41	10.40	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	52.51	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:59:47	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.02	0.01	152.27	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:02:56	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89448.69	89786.69	92248.59	90494.66	1.69	ppb
Antimony	121-1	1.08	1.18	1.11	1.12	4.26	ppb
Arsenic	75-2	0.47	0.24	0.30	0.33	35.13	ppb
Barium	135-1	1.46	1.56	1.38	1.47	6.04	ppb
Barium	137-1	1.54	1.60	1.32	1.49	9.71	ppb
Beryllium	9-1	0.29	0.26	0.29	0.28	6.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				90		%
Boron	10-1	6.95	6.38	5.20	6.18	14.48	ppb
Boron	11-1	6.29	6.44	6.15	6.29	2.28	ppb
Cadmium	111-1	0.21	0.24	0.21	0.22	8.91	ppb
Cadmium	106-1	-1.27	-0.05	-1.01	-0.77		ppb
Cadmium	108-1	7.15	6.64	6.83	6.87	3.79	ppb
Calcium	43-1	96882.92	97032.68	95911.47	96609.02	0.63	ppb
Calcium	44-1	95254.59	95032.15	95894.74	95393.83	0.47	ppb
Chromium	52-2	19.37	19.19	19.81	19.46	1.63	ppb
Cobalt	59-2	1.11	1.14	1.11	1.12	1.58	ppb
Copper	63-2	7.21	7.35	7.41	7.32	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	98713.04	100261.63	102056.94	100343.87	1.67	ppb
Iron	57-2	98529.76	99141.48	101003.02	99558.09	1.29	ppb
Lead	206-1	4.97	4.83	4.88	4.89	1.45	ppb
Lead	207-1	4.36	4.33	4.32	4.34	0.48	ppb
Lead	208-1	4.65	4.57	4.54	4.59	1.20	ppb
Lithium	6-1				108		%
Magnesium	24-2	98527.72	98471.16	101699.36	99566.08	1.86	ppb
Manganese	55-2	7.72	8.17	7.39	7.76	5.05	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:02:56	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	569.24	579.56	575.11	574.64	0.90	ppb
Molybdenum	95-1	1855.13	1849.21	1865.94	1856.76	0.46	ppb
Molybdenum	96-1	1544.22	1550.91	1573.80	1556.31	1.00	ppb
Molybdenum	97-1	1839.97	1861.40	1850.74	1850.70	0.58	ppb
Molybdenum	98-1	1862.28	1872.42	1885.78	1873.49	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.01	5.71	5.33	6.55	ppb
Phosphorus	31-2	94873.37	94160.26	97880.11	95637.91	2.06	ppb
Potassium	39-2	98783.89	97983.94	101342.21	99370.01	1.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	0.08	0.08	-0.18		ppb
Selenium	82-1	0.11	-0.20	0.19	0.03	626.00	ppb
Silicon	28-1	9.98	7.36	7.77	8.37	16.83	ppb
Silver	109-1	0.12	0.14	0.13	0.13	6.47	ppb
Silver	107-1	0.12	0.14	0.13	0.13	6.57	ppb
Sodium	23-2	97590.11	98602.40	100891.17	99027.89	1.71	ppb
Strontium	86-1	32.75	32.57	32.56	32.63	0.32	ppb
Strontium	88-1	32.78	33.10	32.95	32.94	0.49	ppb
Sulfur	34-1	80431.45	79184.86	79540.22	79718.84	0.81	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.08	0.10	0.08	18.27	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	6.27	ppb
Tin	118-1	0.21	0.18	0.18	0.19	9.04	ppb
Titanium	47-1	1964.64	1934.94	1959.34	1952.97	0.81	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	27.16	ppb
Vanadium	51-2	0.11	0.12	0.15	0.13	18.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	12.38	11.09	12.68	12.05	7.00	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	33.12	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:02:56	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.04	38.33	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:06:01 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89149.66	91155.02	90477.77	90260.82	1.13	ppb
Antimony	121-1	20.03	20.03	20.11	20.06	0.21	ppb
Arsenic	75-2	19.21	18.69	19.04	18.98	1.40	ppb
Barium	135-1	21.41	21.30	21.57	21.43	0.63	ppb
Barium	137-1	21.42	21.30	20.95	21.22	1.17	ppb
Beryllium	9-1	20.33	20.25	20.48	20.35	0.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	69.37	68.01	73.18	70.19	3.82	ppb
Boron	11-1	68.19	70.84	70.54	69.85	2.08	ppb
Cadmium	111-1	18.93	19.27	18.88	19.02	1.11	ppb
Cadmium	106-1	23.42	23.73	23.68	23.61	0.70	ppb
Cadmium	108-1	27.87	28.57	27.85	28.10	1.45	ppb
Calcium	43-1	95337.47	96023.89	95164.87	95508.74	0.48	ppb
Calcium	44-1	93281.43	95213.34	93946.48	94147.08	1.04	ppb
Chromium	52-2	37.83	39.18	38.72	38.58	1.77	ppb
Cobalt	59-2	19.71	20.36	20.05	20.04	1.62	ppb
Copper	63-2	26.02	26.51	26.15	26.23	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	56-2	99271.75	100695.99	98553.62	99507.12	1.10	ppb
Iron	57-2	98421.93	102767.17	98960.88	100049.99	2.37	ppb
Lead	206-1	24.51	24.15	24.59	24.41	0.95	ppb
Lead	207-1	22.56	22.44	22.95	22.65	1.18	ppb
Lead	208-1	23.41	23.12	23.40	23.31	0.72	ppb
Lithium	6-1				105		%
Magnesium	24-2	98674.85	100300.85	99591.81	99522.50	0.82	ppb
Manganese	55-2	26.83	26.79	27.55	27.06	1.59	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:06:01	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	631.39	633.11	637.61	634.04	0.51	ppb
Molybdenum	95-1	1889.57	1913.43	1930.76	1911.25	1.08	ppb
Molybdenum	96-1	1589.40	1616.15	1632.23	1612.59	1.34	ppb
Molybdenum	97-1	1899.18	1916.05	1934.68	1916.63	0.93	ppb
Molybdenum	98-1	1890.59	1931.74	1940.39	1920.91	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.42	25.49	24.50	24.80	2.39	ppb
Phosphorus	31-2	97034.10	97403.76	98037.38	97491.75	0.52	ppb
Potassium	39-2	100787.26	103284.51	100914.18	101661.98	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	27.13	13.74	9.04	16.64	56.40	ppb
Selenium	78-2	24.82	22.12	15.81	20.91	22.12	ppb
Selenium	82-1	18.01	19.23	18.24	18.49	3.50	ppb
Silicon	28-1	84.04	84.54	84.03	84.20	0.34	ppb
Silver	109-1	18.32	18.41	18.09	18.28	0.90	ppb
Silver	107-1	18.41	18.39	18.53	18.44	0.42	ppb
Sodium	23-2	97408.56	100525.68	98774.51	98902.92	1.58	ppb
Strontium	86-1	92.89	91.91	93.13	92.64	0.70	ppb
Strontium	88-1	95.32	96.26	96.16	95.91	0.54	ppb
Sulfur	34-1	78201.64	77853.60	78243.35	78099.53	0.27	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	20.05	19.63	19.66	19.78	1.17	ppb
Thallium	205-1	19.88	19.61	19.81	19.77	0.69	ppb
Tin	118-1	62.23	62.92	62.59	62.58	0.55	ppb
Titanium	47-1	1996.38	2003.80	1984.68	1994.95	0.48	ppb
Uranium	238-1	61.41	60.82	61.12	61.12	0.48	ppb
Vanadium	51-2	19.53	19.82	19.23	19.53	1.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	29.96	31.25	30.18	30.47	2.27	ppb
Zirconium	90-1	60.25	60.42	60.80	60.49	0.46	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:06:01	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	60.32	60.25	60.83	60.47	0.52	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51158.01	49649.14	50977.03	50594.73	1.63	ppb
Antimony	121-1	508.95	505.12	505.54	506.53	0.42	ppb
Arsenic	75-2	503.96	499.73	497.79	500.49	0.63	ppb
Barium	135-1	2583.22	2548.66	2538.95	2556.94	0.91	ppb
Barium	137-1	2530.85	2510.95	2536.35	2526.05	0.53	ppb
Beryllium	9-1	508.09	504.97	511.83	508.30	0.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	495.30	502.88	513.71	503.96	1.84	ppb
Boron	11-1	497.84	503.32	522.68	507.94	2.57	ppb
Cadmium	111-1	480.21	481.52	492.38	484.70	1.38	ppb
Cadmium	106-1	491.64	500.60	500.38	497.54	1.03	ppb
Cadmium	108-1	484.64	498.16	493.02	491.94	1.39	ppb
Calcium	43-1	238054.60	242603.31	242742.88	241133.60	1.11	ppb
Calcium	44-1	237097.34	240939.54	240974.99	239670.62	0.93	ppb
Chromium	52-2	508.79	503.62	507.24	506.55	0.52	ppb
Cobalt	59-2	479.93	472.64	479.74	477.43	0.87	ppb
Copper	63-2	951.57	933.23	945.69	943.50	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	125267.46	124144.41	125125.96	124845.94	0.49	ppb
Iron	57-2	127530.86	124904.35	126947.50	126460.90	1.09	ppb
Lead	206-1	516.04	512.56	513.29	513.96	0.36	ppb
Lead	207-1	518.60	514.07	512.63	515.10	0.60	ppb
Lead	208-1	515.12	511.78	512.17	513.03	0.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	253560.75	246862.58	253791.34	251404.89	1.57	ppb
Manganese	55-2	1008.34	1007.28	1012.86	1009.49	0.29	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.54	502.46	496.62	501.54	0.90	ppb
Molybdenum	95-1	507.38	504.05	505.53	505.66	0.33	ppb
Molybdenum	96-1	505.32	511.11	505.06	507.16	0.67	ppb
Molybdenum	97-1	489.44	494.75	490.46	491.55	0.57	ppb
Molybdenum	98-1	502.61	508.97	502.11	504.57	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.56	484.28	484.62	485.82	0.49	ppb
Phosphorus	31-2	9531.73	10685.16	10342.26	10186.38	5.81	ppb
Potassium	39-2	128991.90	126775.56	127605.84	127791.10	0.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	418.64	523.47	400.11	447.41	14.87	ppb
Selenium	78-2	508.34	496.21	482.27	495.60	2.63	ppb
Selenium	82-1	490.11	494.19	487.52	490.61	0.68	ppb
Silicon	28-1	465.96	485.13	489.25	480.11	2.59	ppb
Silver	109-1	498.14	497.66	495.86	497.22	0.24	ppb
Silver	107-1	490.12	493.00	498.50	493.88	0.86	ppb
Sodium	23-2	251661.06	248647.18	251885.26	250731.17	0.72	ppb
Strontium	86-1	501.30	505.67	505.27	504.08	0.48	ppb
Strontium	88-1	510.81	515.57	510.14	512.17	0.58	ppb
Sulfur	34-1	8343.40	8778.11	8932.30	8684.60	3.52	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	519.23	512.14	515.63	515.67	0.69	ppb
Thallium	205-1	509.93	502.86	509.48	507.42	0.78	ppb
Tin	118-1	509.30	506.49	513.22	509.67	0.66	ppb
Titanium	47-1	491.00	497.83	495.64	494.82	0.71	ppb
Uranium	238-1	510.45	509.45	511.40	510.43	0.19	ppb
Vanadium	51-2	510.16	501.09	508.52	506.59	0.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	967.39	936.38	974.54	959.44	2.11	ppb
Zirconium	90-1	501.13	504.79	497.45	501.12	0.73	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.95	504.77	499.51	504.74	1.03	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : CCB040 Instrumnet Name : P8
 Client Sample ID : CCB040 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:12:05 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.10	-5.46	-4.08	-4.55		ppb
Antimony	121-1	0.27	0.30	0.29	0.29	5.47	ppb
Arsenic	75-2	0.02	0.04	0.00	0.02	91.97	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	498.30	ppb
Barium	137-1	0.02	0.02	0.03	0.02	17.15	ppb
Beryllium	9-1	0.10	0.11	0.15	0.12	21.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	13.27	14.32	14.15	13.91	4.05	ppb
Boron	11-1	14.43	13.16	13.38	13.66	4.95	ppb
Cadmium	111-1	0.02	-0.04	-0.03	-0.02		ppb
Cadmium	106-1	-0.03	-0.75	-0.68	-0.49		ppb
Cadmium	108-1	-0.05	-0.08	-0.05	-0.06		ppb
Calcium	43-1	-30.24	-34.96	-35.74	-33.65		ppb
Calcium	44-1	-3.01	-3.15	-2.22	-2.79		ppb
Chromium	52-2	-0.08	-0.03	0.05	-0.02		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.09	0.07	0.06	0.07	15.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	2.04	1.84	2.16	2.02	8.05	ppb
Iron	57-2	-1.42	0.17	-0.56	-0.60		ppb
Lead	206-1	0.15	0.11	0.12	0.13	13.09	ppb
Lead	207-1	0.14	0.14	0.16	0.15	7.42	ppb
Lead	208-1	0.15	0.14	0.14	0.14	3.94	ppb
Lithium	6-1				112		%
Magnesium	24-2	3.29	3.57	2.24	3.03	22.98	ppb
Manganese	55-2	0.02	0.01	-0.02	0.00	1133.13	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:12:05	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.33	0.32	0.33	3.04	ppb
Molybdenum	95-1	1.10	0.98	0.89	0.99	10.61	ppb
Molybdenum	96-1	0.85	0.84	0.81	0.83	2.77	ppb
Molybdenum	97-1	0.96	1.02	1.06	1.01	5.21	ppb
Molybdenum	98-1	1.07	1.00	0.99	1.02	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	0.01	0.00	1277.36	ppb
Phosphorus	31-2	23.43	4.22	4.61	10.75	102.13	ppb
Potassium	39-2	4.88	10.77	25.14	13.60	76.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	1.57	-0.70	0.06	2270.03	ppb
Selenium	82-1	0.10	0.21	0.33	0.22	52.25	ppb
Silicon	28-1	-23.28	-23.27	-22.52	-23.02		ppb
Silver	109-1	0.05	0.04	0.05	0.05	12.26	ppb
Silver	107-1	0.04	0.05	0.05	0.05	6.03	ppb
Sodium	23-2	73.94	62.67	56.05	64.22	14.09	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	28.38	ppb
Sulfur	34-1	-1583.60	-1538.68	-1436.73	-1519.67		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.12	0.09	0.11	16.40	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	12.04	ppb
Tin	118-1	0.06	0.08	0.06	0.07	11.75	ppb
Titanium	47-1	0.01	-0.01	0.02	0.00	369.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.92	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	0.04	-0.10	0.10	0.01	751.22	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	57.21	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:12:05	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	41.00	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.15	14.22	14.62	15.66	13.79	ppb
Antimony	121-1	1.85	1.91	1.94	1.90	2.52	ppb
Arsenic	75-2	0.81	0.98	0.88	0.89	9.98	ppb
Barium	135-1	9.18	9.05	9.18	9.14	0.79	ppb
Barium	137-1	9.18	9.15	8.95	9.09	1.34	ppb
Beryllium	9-1	0.97	0.97	0.90	0.95	3.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	27.76	28.35	27.62	27.91	1.40	ppb
Boron	11-1	26.59	26.43	27.31	26.77	1.76	ppb
Cadmium	111-1	0.83	0.87	0.84	0.85	2.75	ppb
Cadmium	106-1	0.58	1.12	0.45	0.72	49.52	ppb
Cadmium	108-1	0.96	0.64	0.96	0.85	21.85	ppb
Calcium	43-1	384.59	410.90	414.80	403.43	4.07	ppb
Calcium	44-1	432.81	432.65	429.21	431.55	0.47	ppb
Chromium	52-2	1.95	2.07	2.11	2.04	3.88	ppb
Cobalt	59-2	0.90	0.88	0.95	0.91	3.76	ppb
Copper	63-2	1.84	2.00	2.03	1.96	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	47.69	48.23	49.48	48.47	1.89	ppb
Iron	57-2	50.14	44.24	61.56	51.98	16.94	ppb
Lead	206-1	0.95	0.93	0.97	0.95	2.21	ppb
Lead	207-1	1.00	1.00	0.97	0.99	1.59	ppb
Lead	208-1	0.99	0.99	0.97	0.98	0.85	ppb
Lithium	6-1				111		%
Magnesium	24-2	467.53	468.34	479.73	471.86	1.45	ppb
Manganese	55-2	1.12	1.12	0.90	1.05	11.79	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.05	2.12	2.03	2.07	2.32	ppb
Molybdenum	95-1	4.87	4.83	4.64	4.78	2.57	ppb
Molybdenum	96-1	4.19	4.26	4.14	4.20	1.37	ppb
Molybdenum	97-1	4.64	4.70	4.75	4.70	1.18	ppb
Molybdenum	98-1	4.94	4.84	4.73	4.84	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	1.06	1.06	1.87	ppb
Phosphorus	31-2	43.83	-14.95	25.54	18.14	165.81	ppb
Potassium	39-2	441.53	475.98	509.16	475.56	7.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	0.00	9.29	0.00	3.10	173.21	ppb
Selenium	78-2	3.95	3.93	3.18	3.69	11.96	ppb
Selenium	82-1	4.92	4.66	4.17	4.59	8.30	ppb
Silicon	28-1	-8.20	-7.23	-9.15	-8.19		ppb
Silver	109-1	0.93	0.96	0.91	0.93	2.50	ppb
Silver	107-1	0.94	0.94	0.97	0.95	2.10	ppb
Sodium	23-2	508.78	502.04	531.86	514.23	3.04	ppb
Strontium	86-1	0.84	0.88	0.82	0.85	3.96	ppb
Strontium	88-1	0.91	0.94	0.95	0.94	2.06	ppb
Sulfur	34-1	-1271.77	-1167.41	-1581.43	-1340.20		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.96	0.93	0.94	0.94	1.46	ppb
Thallium	205-1	0.94	0.96	0.93	0.94	1.67	ppb
Tin	118-1	4.57	4.66	4.49	4.57	1.87	ppb
Titanium	47-1	4.04	4.27	4.30	4.20	3.42	ppb
Uranium	238-1	0.86	0.86	0.84	0.86	1.46	ppb
Vanadium	51-2	4.31	4.47	4.39	4.39	1.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	2.67	2.64	2.19	2.50	10.70	ppb
Zirconium	90-1	0.91	0.87	0.88	0.88	2.34	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.91	0.84	0.88	4.53	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : PB103122BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:18:22 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.06	-4.04	-4.05	-4.05		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	7.76	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	149.65	ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.07	0.04	0.02	0.04	56.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				93		%
Boron	10-1	6.79	4.84	3.97	5.20	27.83	ppb
Boron	11-1	5.45	5.23	5.55	5.41	3.02	ppb
Cadmium	111-1	-0.09	-0.09	-0.12	-0.10		ppb
Cadmium	106-1	-1.33	-1.22	-1.67	-1.41		ppb
Cadmium	108-1	-0.02	0.02	-0.01	0.00		ppb
Calcium	43-1	-38.54	-33.17	-40.26	-37.32		ppb
Calcium	44-1	-9.63	-6.47	-6.10	-7.40		ppb
Chromium	52-2	-0.06	0.08	0.05	0.02	359.08	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.04	0.04	0.05	25.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	0.59	0.22	0.38	0.40	46.54	ppb
Iron	57-2	-0.93	1.18	-0.49	-0.08		ppb
Lead	206-1	0.06	0.07	0.07	0.07	8.10	ppb
Lead	207-1	0.06	0.06	0.06	0.06	6.58	ppb
Lead	208-1	0.07	0.06	0.06	0.06	8.12	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.30	2.67	-0.62	1.45	124.22	ppb
Manganese	55-2	-0.02	0.05	0.01	0.01	258.24	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:18:22	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.10	0.10	0.11	9.43	ppb
Molybdenum	95-1	0.31	0.33	0.39	0.34	12.27	ppb
Molybdenum	96-1	0.27	0.27	0.25	0.27	3.90	ppb
Molybdenum	97-1	0.37	0.36	0.29	0.34	12.14	ppb
Molybdenum	98-1	0.36	0.37	0.32	0.35	7.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.03	-0.01		ppb
Phosphorus	31-2	-14.95	-14.95	24.98	-1.64		ppb
Potassium	39-2	-24.71	-2.79	-20.73	-16.08		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	4.66	0.00	0.00	1.55	173.21	ppb
Selenium	78-2	-0.70	1.63	-0.70	0.08	1708.17	ppb
Selenium	82-1	0.37	0.48	0.08	0.31	66.64	ppb
Silicon	28-1	-22.85	-22.21	-22.19	-22.41		ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.03	ppb
Silver	107-1	0.02	0.03	0.01	0.02	39.21	ppb
Sodium	23-2	42.72	47.52	39.88	43.37	8.91	ppb
Strontium	86-1	0.00	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	152.87	ppb
Sulfur	34-1	-1181.45	-1047.95	-1147.04	-1125.48		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.05	0.05	0.05	12.08	ppb
Thallium	205-1	0.04	0.05	0.04	0.05	11.92	ppb
Tin	118-1	0.00	0.00	0.00	0.00	96.28	ppb
Titanium	47-1	-0.04	-0.02	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	87.66	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	262.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	0.25	0.16	0.05	0.15	63.35	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:18:22	DataFile Name :	019CCBE.d

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

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : PB103122BS Instrumnet Name : P8
 Client Sample ID : LCS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:21:32 DataFile Name : 020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.96	36.62	35.47	35.35	3.77	ppb
Antimony	121-1	3.66	3.85	3.75	3.75	2.57	ppb
Arsenic	75-2	1.75	2.05	1.88	1.89	7.83	ppb
Barium	135-1	18.65	18.93	18.95	18.84	0.88	ppb
Barium	137-1	18.64	18.82	19.02	18.83	1.00	ppb
Beryllium	9-1	1.95	1.83	1.80	1.86	4.29	ppb
Bismuth	209-1				108		%
Bismuth	209-2				94		%
Boron	10-1	43.94	48.43	49.35	47.24	6.13	ppb
Boron	11-1	46.97	48.28	47.91	47.72	1.41	ppb
Cadmium	111-1	1.91	1.79	1.78	1.83	3.90	ppb
Cadmium	106-1	0.87	1.04	0.93	0.95	8.87	ppb
Cadmium	108-1	1.55	2.38	2.41	2.11	23.18	ppb
Calcium	43-1	834.61	866.14	850.57	850.44	1.85	ppb
Calcium	44-1	880.06	885.52	870.76	878.78	0.85	ppb
Chromium	52-2	4.03	4.18	4.12	4.11	1.79	ppb
Cobalt	59-2	1.92	1.94	1.93	1.93	0.53	ppb
Copper	63-2	3.77	3.82	4.03	3.87	3.47	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				105		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	407.77	406.99	408.34	407.70	0.17	ppb
Iron	57-2	412.39	405.50	382.50	400.13	3.91	ppb
Lead	206-1	1.96	1.88	1.99	1.94	2.79	ppb
Lead	207-1	1.89	1.84	1.93	1.88	2.35	ppb
Lead	208-1	1.89	1.91	1.93	1.91	0.88	ppb
Lithium	6-1				109		%
Magnesium	24-2	981.70	973.58	976.14	977.14	0.43	ppb
Manganese	55-2	1.78	2.10	2.13	2.00	9.87	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:21:32	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.25	4.17	4.13	4.18	1.53	ppb
Molybdenum	95-1	9.18	9.29	9.37	9.28	1.05	ppb
Molybdenum	96-1	8.09	8.14	7.91	8.05	1.48	ppb
Molybdenum	97-1	9.17	9.33	9.44	9.31	1.47	ppb
Molybdenum	98-1	9.48	9.48	9.20	9.39	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.97	1.99	1.99	1.22	ppb
Phosphorus	31-2	4.91	-14.95	4.96	-1.69		ppb
Potassium	39-2	934.62	971.70	911.44	939.25	3.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	13.93	4.69	9.29	9.30	49.68	ppb
Selenium	78-2	9.32	12.54	7.78	9.88	24.62	ppb
Selenium	82-1	10.07	9.44	9.84	9.78	3.28	ppb
Silicon	28-1	8.91	9.48	8.10	8.83	7.85	ppb
Silver	109-1	1.92	1.96	1.94	1.94	0.95	ppb
Silver	107-1	1.94	1.99	1.94	1.96	1.44	ppb
Sodium	23-2	1000.93	992.80	1008.67	1000.80	0.79	ppb
Strontium	86-1	1.82	1.93	1.77	1.84	4.71	ppb
Strontium	88-1	1.85	1.88	1.85	1.86	0.70	ppb
Sulfur	34-1	-1551.43	-1470.82	-1555.82	-1526.02		ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	1.94	1.99	1.93	1.95	1.78	ppb
Thallium	205-1	1.92	1.90	1.95	1.92	1.34	ppb
Tin	118-1	9.25	9.25	9.44	9.31	1.20	ppb
Titanium	47-1	9.25	9.53	8.91	9.23	3.36	ppb
Uranium	238-1	1.76	1.78	1.74	1.76	1.12	ppb
Vanadium	51-2	9.69	9.11	9.47	9.42	3.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	4.09	4.00	3.83	3.98	3.33	ppb
Zirconium	90-1	1.81	1.80	1.82	1.81	0.63	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:21:32	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.80	1.80	1.88	1.83	2.48	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	200.04	208.45	197.83	202.11	2.77	ppb
Antimony	121-1	0.52	0.54	0.56	0.54	4.07	ppb
Arsenic	75-2	1.37	1.35	1.34	1.35	1.15	ppb
Barium	135-1	54.29	55.72	55.14	55.05	1.30	ppb
Barium	137-1	53.86	54.94	55.63	54.81	1.62	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	45.42	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	44.14	43.47	46.09	44.57	3.05	ppb
Boron	11-1	42.69	44.74	44.92	44.12	2.81	ppb
Cadmium	111-1	0.01	-0.02	-0.04	-0.02		ppb
Cadmium	106-1	-0.40	-1.04	-1.39	-0.95		ppb
Cadmium	108-1	-0.05	0.04	-0.02	-0.01		ppb
Calcium	43-1	27902.97	28021.96	27619.54	27848.16	0.74	ppb
Calcium	44-1	28063.31	28386.01	28088.55	28179.29	0.64	ppb
Chromium	52-2	0.68	0.70	0.62	0.67	5.98	ppb
Cobalt	59-2	0.40	0.42	0.43	0.41	3.79	ppb
Copper	63-2	2.99	2.84	3.02	2.95	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	812.96	799.09	825.02	812.36	1.60	ppb
Iron	57-2	800.05	814.20	820.89	811.71	1.31	ppb
Lead	206-1	2.36	2.32	2.38	2.35	1.44	ppb
Lead	207-1	2.11	2.15	2.20	2.15	2.12	ppb
Lead	208-1	2.22	2.24	2.24	2.23	0.40	ppb
Lithium	6-1				116		%
Magnesium	24-2	11212.45	11076.87	11437.38	11242.23	1.62	ppb
Manganese	55-2	142.05	140.58	140.90	141.18	0.55	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.43	0.43	0.45	5.20	ppb
Molybdenum	95-1	1.22	1.22	1.13	1.19	4.04	ppb
Molybdenum	96-1	0.93	0.94	0.99	0.96	3.49	ppb
Molybdenum	97-1	1.15	1.18	1.21	1.18	2.25	ppb
Molybdenum	98-1	1.15	1.22	1.14	1.17	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.75	1.90	1.80	4.68	ppb
Phosphorus	31-2	110.34	128.76	112.94	117.35	8.50	ppb
Potassium	39-2	4152.61	4097.65	4092.70	4114.32	0.81	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	4.25	0.00	0.00	1.42	173.21	ppb
Selenium	78-2	0.01	0.73	1.45	0.73	98.71	ppb
Selenium	82-1	0.74	0.19	0.08	0.34	106.78	ppb
Silicon	28-1	1919.30	1872.60	1907.73	1899.87	1.28	ppb
Silver	109-1	0.25	0.30	0.32	0.29	12.93	ppb
Silver	107-1	0.25	0.28	0.30	0.28	9.54	ppb
Sodium	23-2	37058.38	37061.27	37740.94	37286.86	1.05	ppb
Strontium	86-1	148.88	149.06	146.50	148.15	0.97	ppb
Strontium	88-1	153.64	153.60	151.87	153.04	0.66	ppb
Sulfur	34-1	6910.31	6985.40	6812.91	6902.87	1.25	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.11	0.11	0.11	2.31	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	8.59	ppb
Tin	118-1	0.15	0.17	0.17	0.17	8.40	ppb
Titanium	47-1	10.88	10.29	11.41	10.86	5.15	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	2.82	ppb
Vanadium	51-2	1.82	1.84	1.82	1.83	0.82	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	8.90	10.14	9.86	9.63	6.74	ppb
Zirconium	90-1	0.09	0.12	0.08	0.10	19.27	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.09	0.09	8.02	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	198.97	185.71	218.79	201.15	8.28	ppb
Antimony	121-1	0.50	0.50	0.55	0.52	5.31	ppb
Arsenic	75-2	1.21	1.37	1.22	1.27	7.01	ppb
Barium	135-1	54.51	54.32	54.92	54.59	0.57	ppb
Barium	137-1	54.32	54.62	54.89	54.61	0.52	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	19.10	ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	44.31	41.79	40.86	42.32	4.21	ppb
Boron	11-1	41.96	43.95	43.23	43.05	2.35	ppb
Cadmium	111-1	0.05	-0.01	0.01	0.02	160.13	ppb
Cadmium	106-1	0.25	-1.01	-0.36	-0.37		ppb
Cadmium	108-1	0.18	0.01	0.04	0.07	123.95	ppb
Calcium	43-1	27838.77	27716.25	27847.12	27800.71	0.26	ppb
Calcium	44-1	28190.78	28038.98	28180.66	28136.81	0.30	ppb
Chromium	52-2	0.60	0.51	0.69	0.60	14.90	ppb
Cobalt	59-2	0.45	0.41	0.39	0.42	7.18	ppb
Copper	63-2	3.08	2.84	2.87	2.93	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	807.95	822.27	811.44	813.89	0.92	ppb
Iron	57-2	797.17	796.47	816.07	803.23	1.38	ppb
Lead	206-1	2.16	2.27	2.17	2.20	2.71	ppb
Lead	207-1	1.97	2.09	1.99	2.02	3.04	ppb
Lead	208-1	2.13	2.14	2.09	2.12	1.21	ppb
Lithium	6-1				120		%
Magnesium	24-2	11185.74	11376.26	11210.92	11257.64	0.92	ppb
Manganese	55-2	139.03	142.74	138.55	140.10	1.64	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.44	0.45	0.43	6.41	ppb
Molybdenum	95-1	1.15	1.18	1.07	1.14	5.08	ppb
Molybdenum	96-1	0.93	1.01	0.89	0.94	6.40	ppb
Molybdenum	97-1	1.18	1.14	1.12	1.14	2.74	ppb
Molybdenum	98-1	1.17	1.09	1.16	1.14	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.81	1.79	1.86	5.21	ppb
Phosphorus	31-2	73.53	129.86	92.29	98.56	29.11	ppb
Potassium	39-2	4042.46	4180.07	4170.02	4130.85	1.86	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	8.49	0.00	4.26	4.25	99.88	ppb
Selenium	78-2	-0.70	0.01	-0.70	-0.46		ppb
Selenium	82-1	0.65	0.25	0.62	0.51	43.51	ppb
Silicon	28-1	1876.45	1872.35	1876.60	1875.13	0.13	ppb
Silver	109-1	0.25	0.26	0.26	0.26	2.03	ppb
Silver	107-1	0.23	0.28	0.27	0.26	10.17	ppb
Sodium	23-2	36854.26	37489.73	37139.82	37161.27	0.86	ppb
Strontium	86-1	148.88	147.45	148.08	148.14	0.48	ppb
Strontium	88-1	154.82	153.77	154.21	154.27	0.34	ppb
Sulfur	34-1	7410.36	7405.21	7397.95	7404.51	0.08	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.04	0.05	22.44	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.69	ppb
Tin	118-1	0.12	0.15	0.15	0.14	10.36	ppb
Titanium	47-1	10.70	10.96	11.02	10.89	1.57	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	1.18	ppb
Vanadium	51-2	1.79	1.79	1.75	1.78	1.13	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	8.91	9.61	9.69	9.40	4.58	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	4.35	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.15	0.07	0.11	36.71	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143.91	32.45	58.93	78.43	74.24	ppb
Antimony	121-1	0.10	0.11	0.12	0.11	8.01	ppb
Arsenic	75-2	0.18	0.30	0.16	0.21	36.27	ppb
Barium	135-1	10.76	10.52	10.51	10.59	1.34	ppb
Barium	137-1	10.71	10.41	10.38	10.50	1.74	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	30.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	12.99	11.16	12.82	12.32	8.21	ppb
Boron	11-1	12.67	12.55	12.37	12.53	1.22	ppb
Cadmium	111-1	0.01	0.02	-0.05	-0.01		ppb
Cadmium	106-1	0.09	0.05	-0.88	-0.25		ppb
Cadmium	108-1	-0.05	-0.02	-0.05	-0.04		ppb
Calcium	43-1	5367.88	5437.58	5284.05	5363.17	1.43	ppb
Calcium	44-1	5514.02	5567.12	5475.31	5518.82	0.84	ppb
Chromium	52-2	0.12	0.12	0.26	0.17	46.45	ppb
Cobalt	59-2	0.08	0.07	0.08	0.08	9.70	ppb
Copper	63-2	0.68	0.60	0.62	0.63	6.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	166.53	161.66	163.45	163.88	1.51	ppb
Iron	57-2	156.80	163.48	163.11	161.13	2.33	ppb
Lead	206-1	0.46	0.47	0.47	0.47	1.44	ppb
Lead	207-1	0.45	0.43	0.40	0.43	5.42	ppb
Lead	208-1	0.46	0.44	0.43	0.44	3.14	ppb
Lithium	6-1				112		%
Magnesium	24-2	2150.31	2122.03	2126.98	2133.10	0.71	ppb
Manganese	55-2	27.40	28.31	27.84	27.85	1.64	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.11	0.10	0.11	8.66	ppb
Molybdenum	95-1	0.31	0.34	0.30	0.32	6.68	ppb
Molybdenum	96-1	0.22	0.26	0.32	0.26	19.21	ppb
Molybdenum	97-1	0.35	0.32	0.23	0.30	20.48	ppb
Molybdenum	98-1	0.31	0.33	0.36	0.33	6.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.32	0.34	0.33	3.25	ppb
Phosphorus	31-2	4.01	23.27	60.75	29.34	98.33	ppb
Potassium	39-2	769.13	808.70	764.64	780.82	3.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.79	0.81	0.06	0.55	77.84	ppb
Selenium	82-1	0.38	0.35	0.59	0.44	29.24	ppb
Silicon	28-1	450.23	382.24	388.08	406.85	9.26	ppb
Silver	109-1	0.10	0.09	0.07	0.09	17.45	ppb
Silver	107-1	0.09	0.08	0.09	0.09	5.71	ppb
Sodium	23-2	6914.54	6976.69	6820.57	6903.93	1.14	ppb
Strontium	86-1	28.80	28.30	28.58	28.56	0.87	ppb
Strontium	88-1	29.46	29.00	28.89	29.12	1.04	ppb
Sulfur	34-1	1012.82	1125.58	1009.41	1049.27	6.30	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	18.97	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	40.78	ppb
Tin	118-1	0.02	0.56	0.05	0.21	143.87	ppb
Titanium	47-1	3.53	2.45	2.52	2.83	21.34	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.12	ppb
Vanadium	51-2	0.42	0.44	0.37	0.41	8.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	1.83	2.13	2.03	2.00	7.67	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	18.08	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.05	0.05	17.31	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1989.81	2010.41	2072.32	2024.18	2.12	ppb
Antimony	121-1	106.22	107.24	107.92	107.13	0.80	ppb
Arsenic	75-2	41.66	43.45	42.98	42.69	2.17	ppb
Barium	135-1	2164.96	2216.60	2216.47	2199.34	1.35	ppb
Barium	137-1	2175.80	2186.67	2179.31	2180.59	0.25	ppb
Beryllium	9-1	52.08	51.81	51.22	51.71	0.86	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	4.06	3.57	3.37	3.67	9.74	ppb
Boron	11-1	4.25	3.85	3.62	3.91	8.26	ppb
Cadmium	111-1	53.24	53.85	53.29	53.46	0.64	ppb
Cadmium	106-1	46.71	48.07	47.44	47.41	1.44	ppb
Cadmium	108-1	49.91	52.05	52.47	51.48	2.67	ppb
Calcium	43-1	5.98	3.16	-22.06	-4.31		ppb
Calcium	44-1	27.87	25.37	24.37	25.87	6.97	ppb
Chromium	52-2	215.16	218.84	223.90	219.30	2.00	ppb
Cobalt	59-2	539.69	543.22	552.56	545.16	1.22	ppb
Copper	63-2	271.14	275.65	279.53	275.44	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	1113.15	1135.87	1136.89	1128.64	1.19	ppb
Iron	57-2	1119.38	1117.07	1151.69	1129.38	1.71	ppb
Lead	206-1	20.23	20.25	20.40	20.29	0.45	ppb
Lead	207-1	20.45	20.64	20.98	20.69	1.30	ppb
Lead	208-1	20.34	20.42	20.70	20.49	0.92	ppb
Lithium	6-1				118		%
Magnesium	24-2	3.53	-0.24	4.82	2.70	97.30	ppb
Manganese	55-2	537.55	543.65	546.91	542.70	0.88	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.03	0.04	34.75	ppb
Molybdenum	95-1	0.15	0.12	0.12	0.13	13.22	ppb
Molybdenum	96-1	0.13	0.09	0.11	0.11	19.39	ppb
Molybdenum	97-1	0.12	0.16	0.12	0.13	15.10	ppb
Molybdenum	98-1	0.14	0.11	0.11	0.12	12.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.19	560.14	564.47	560.27	0.74	ppb
Phosphorus	31-2	-14.95	-14.95	3.80	-8.70		ppb
Potassium	39-2	0.29	2.03	22.93	8.42	149.69	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	144.92	87.93	123.55	118.80	24.23	ppb
Selenium	78-2	135.60	113.86	117.94	122.47	9.43	ppb
Selenium	82-1	108.61	107.49	107.33	107.81	0.65	ppb
Silicon	28-1	-17.10	-21.35	-22.86	-20.44		ppb
Silver	109-1	51.09	51.36	51.20	51.22	0.27	ppb
Silver	107-1	51.71	51.50	51.56	51.59	0.21	ppb
Sodium	23-2	142.22	144.75	145.90	144.29	1.31	ppb
Strontium	86-1	0.01	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.08	0.08	0.08	0.08	3.00	ppb
Sulfur	34-1	-1208.21	-1987.48	-2173.66	-1789.78		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	50.85	51.97	52.78	51.86	1.87	ppb
Thallium	205-1	51.36	52.41	52.67	52.14	1.33	ppb
Tin	118-1	0.26	0.29	0.26	0.27	7.61	ppb
Titanium	47-1	0.06	0.04	0.04	0.05	14.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1768.86	ppb
Vanadium	51-2	534.76	544.03	555.83	544.87	1.94	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	548.21	552.53	573.38	558.04	2.41	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	1565.62	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	48.18	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12247.28	12631.11	12411.17	12429.85	1.55	ppb
Antimony	121-1	11.54	11.39	11.38	11.44	0.81	ppb
Arsenic	75-2	14.56	15.42	15.02	15.00	2.89	ppb
Barium	135-1	360.38	360.42	354.99	358.60	0.87	ppb
Barium	137-1	359.41	356.99	356.09	357.49	0.48	ppb
Beryllium	9-1	1.07	1.26	1.28	1.21	9.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	20.75	20.99	19.06	20.27	5.18	ppb
Boron	11-1	18.30	19.50	19.13	18.98	3.24	ppb
Cadmium	111-1	2.41	2.59	2.46	2.49	3.74	ppb
Cadmium	106-1	2.40	3.54	2.37	2.77	24.20	ppb
Cadmium	108-1	3.83	3.86	3.47	3.72	5.83	ppb
Calcium	43-1	74135.99	73422.14	73783.84	73780.66	0.48	ppb
Calcium	44-1	72643.43	72176.33	72776.40	72532.05	0.43	ppb
Chromium	52-2	73.17	72.90	73.67	73.25	0.53	ppb
Cobalt	59-2	13.67	13.82	13.51	13.67	1.13	ppb
Copper	63-2	159.98	160.10	160.95	160.34	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				105		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	30648.92	30426.55	30583.86	30553.11	0.37	ppb
Iron	57-2	30177.77	30332.97	30139.90	30216.88	0.34	ppb
Lead	206-1	661.09	671.62	655.78	662.83	1.22	ppb
Lead	207-1	629.13	628.58	626.50	628.07	0.22	ppb
Lead	208-1	644.07	649.07	638.20	643.78	0.85	ppb
Lithium	6-1				111		%
Magnesium	24-2	13847.87	13626.85	13508.60	13661.10	1.26	ppb
Manganese	55-2	1053.61	1051.53	1045.98	1050.38	0.38	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.17	2.18	2.17	2.17	0.25	ppb
Molybdenum	95-1	2.32	2.48	2.43	2.41	3.42	ppb
Molybdenum	96-1	2.46	2.40	2.46	2.44	1.33	ppb
Molybdenum	97-1	2.62	2.55	2.38	2.51	4.98	ppb
Molybdenum	98-1	2.51	2.53	2.41	2.48	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.15	42.46	43.78	43.13	1.53	ppb
Phosphorus	31-2	1193.28	1351.90	1128.96	1224.72	9.37	ppb
Potassium	39-2	1471.66	1438.28	1442.02	1450.65	1.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	26.85	72.71	36.12	45.23	53.61	ppb
Selenium	78-2	9.70	4.58	4.55	6.28	47.27	ppb
Selenium	82-1	1.02	1.72	1.05	1.26	31.28	ppb
Silicon	28-1	4048.41	4065.38	3920.22	4011.34	1.98	ppb
Silver	109-1	0.91	0.86	0.90	0.89	2.83	ppb
Silver	107-1	0.90	0.94	0.95	0.93	2.96	ppb
Sodium	23-2	609.79	591.26	611.53	604.19	1.86	ppb
Strontium	86-1	301.97	295.89	299.14	299.00	1.02	ppb
Strontium	88-1	309.80	305.38	307.71	307.63	0.72	ppb
Sulfur	34-1	-375.87	-408.98	-211.86	-332.24		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.19	0.17	0.18	0.18	6.82	ppb
Thallium	205-1	0.17	0.18	0.17	0.17	2.57	ppb
Tin	118-1	129.24	127.96	126.62	127.94	1.02	ppb
Titanium	47-1	387.61	384.89	384.46	385.65	0.44	ppb
Uranium	238-1	0.87	0.89	0.87	0.87	1.27	ppb
Vanadium	51-2	30.33	31.49	31.27	31.03	1.99	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	1276.74	1275.60	1275.12	1275.82	0.07	ppb
Zirconium	90-1	2.10	2.12	2.18	2.13	1.89	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.17	2.00	1.96	2.04	5.49	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12445.55	12632.05	12642.97	12573.52	0.88	ppb
Antimony	121-1	10.87	11.20	11.29	11.12	1.97	ppb
Arsenic	75-2	15.04	15.78	14.31	15.04	4.91	ppb
Barium	135-1	354.72	357.12	355.53	355.79	0.34	ppb
Barium	137-1	350.91	355.30	353.38	353.20	0.62	ppb
Beryllium	9-1	1.07	1.36	1.14	1.19	13.01	ppb
Bismuth	209-1				110		%
Bismuth	209-2				92		%
Boron	10-1	19.38	19.85	18.46	19.23	3.68	ppb
Boron	11-1	19.94	19.24	19.92	19.70	2.02	ppb
Cadmium	111-1	2.27	2.35	2.38	2.33	2.55	ppb
Cadmium	106-1	2.42	3.31	3.01	2.92	15.47	ppb
Cadmium	108-1	3.78	4.32	4.16	4.09	6.79	ppb
Calcium	43-1	74381.10	72404.09	74615.63	73800.27	1.65	ppb
Calcium	44-1	73133.25	71553.03	72918.08	72534.79	1.18	ppb
Chromium	52-2	73.76	75.26	76.00	75.01	1.52	ppb
Cobalt	59-2	13.65	13.87	14.08	13.87	1.55	ppb
Copper	63-2	158.56	163.99	161.09	161.22	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	56-2	30035.49	30914.73	30362.93	30437.72	1.46	ppb
Iron	57-2	29558.47	30600.21	30121.23	30093.30	1.73	ppb
Lead	206-1	659.34	657.66	649.48	655.49	0.81	ppb
Lead	207-1	626.28	620.89	619.51	622.23	0.58	ppb
Lead	208-1	642.91	635.51	630.23	636.21	1.00	ppb
Lithium	6-1				112		%
Magnesium	24-2	13550.49	13795.69	13654.86	13667.01	0.90	ppb
Manganese	55-2	1031.68	1055.31	1036.21	1041.06	1.20	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.14	2.24	2.29	2.23	3.48	ppb
Molybdenum	95-1	2.37	2.41	2.42	2.40	1.13	ppb
Molybdenum	96-1	2.54	2.44	2.35	2.45	3.79	ppb
Molybdenum	97-1	2.41	2.41	2.37	2.40	0.81	ppb
Molybdenum	98-1	2.50	2.38	2.47	2.45	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.45	43.75	43.00	43.07	1.52	ppb
Phosphorus	31-2	1361.34	1385.96	866.14	1204.48	24.35	ppb
Potassium	39-2	1465.20	1474.15	1429.72	1456.36	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				89		%
Selenium	77-2	35.79	58.76	27.01	40.52	40.46	ppb
Selenium	78-2	3.02	3.80	8.27	5.03	56.33	ppb
Selenium	82-1	1.43	1.11	1.88	1.47	26.14	ppb
Silicon	28-1	4202.70	4258.99	4149.17	4203.62	1.31	ppb
Silver	109-1	0.84	0.86	0.89	0.86	2.84	ppb
Silver	107-1	0.82	0.87	0.84	0.85	3.00	ppb
Sodium	23-2	591.53	610.91	590.80	597.75	1.91	ppb
Strontium	86-1	294.34	295.81	295.04	295.06	0.25	ppb
Strontium	88-1	303.52	304.52	301.96	303.33	0.43	ppb
Sulfur	34-1	-526.87	-781.95	-607.38	-638.73		ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	0.17	0.16	0.18	0.17	6.02	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	2.96	ppb
Tin	118-1	123.57	124.98	124.09	124.21	0.57	ppb
Titanium	47-1	394.77	391.77	390.72	392.42	0.54	ppb
Uranium	238-1	0.83	0.87	0.85	0.85	2.16	ppb
Vanadium	51-2	30.75	31.86	31.26	31.29	1.78	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	1275.18	1306.10	1282.77	1288.02	1.25	ppb
Zirconium	90-1	2.07	2.09	2.15	2.10	1.95	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.16	2.02	2.09	2.09	3.23	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2553.80	2655.06	2588.95	2599.27	1.98	ppb
Antimony	121-1	2.41	2.40	2.42	2.41	0.25	ppb
Arsenic	75-2	3.29	3.00	3.02	3.10	5.27	ppb
Barium	135-1	75.14	73.80	74.44	74.46	0.90	ppb
Barium	137-1	74.17	74.82	74.02	74.34	0.57	ppb
Beryllium	9-1	0.27	0.28	0.34	0.30	11.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				93		%
Boron	10-1	7.27	6.60	6.34	6.74	7.15	ppb
Boron	11-1	6.59	6.44	6.39	6.47	1.63	ppb
Cadmium	111-1	0.42	0.50	0.50	0.47	10.68	ppb
Cadmium	106-1	-0.28	0.25	0.25	0.07	412.87	ppb
Cadmium	108-1	1.02	0.51	0.55	0.70	40.65	ppb
Calcium	43-1	15117.62	14681.66	15234.72	15011.34	1.94	ppb
Calcium	44-1	15197.25	14907.07	15198.21	15100.84	1.11	ppb
Chromium	52-2	15.63	15.41	16.08	15.71	2.20	ppb
Cobalt	59-2	2.95	2.79	3.00	2.91	3.73	ppb
Copper	63-2	34.13	33.43	34.31	33.95	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	6483.32	6398.14	6677.10	6519.52	2.19	ppb
Iron	57-2	6362.63	6288.37	6526.01	6392.34	1.90	ppb
Lead	206-1	131.23	135.05	131.65	132.64	1.58	ppb
Lead	207-1	123.71	125.09	122.80	123.87	0.93	ppb
Lead	208-1	127.26	129.02	127.56	127.95	0.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	2823.44	2818.00	2903.51	2848.32	1.68	ppb
Manganese	55-2	220.68	221.80	228.05	223.51	1.78	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.47	0.42	0.45	6.25	ppb
Molybdenum	95-1	0.60	0.57	0.50	0.55	9.48	ppb
Molybdenum	96-1	0.58	0.55	0.58	0.57	3.06	ppb
Molybdenum	97-1	0.50	0.64	0.54	0.56	12.94	ppb
Molybdenum	98-1	0.52	0.57	0.54	0.54	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.07	8.66	9.41	9.05	4.15	ppb
Phosphorus	31-2	250.42	329.07	299.55	293.02	13.56	ppb
Potassium	39-2	285.44	274.11	276.00	278.51	2.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	13.98	14.08	9.43	12.50	21.25	ppb
Selenium	78-2	3.94	0.86	-0.70	1.37	172.51	ppb
Selenium	82-1	0.23	0.38	0.50	0.37	36.67	ppb
Silicon	28-1	841.81	809.37	825.68	825.62	1.96	ppb
Silver	109-1	0.21	0.22	0.20	0.21	4.00	ppb
Silver	107-1	0.20	0.19	0.21	0.20	4.85	ppb
Sodium	23-2	159.55	156.69	160.08	158.77	1.15	ppb
Strontium	86-1	63.74	64.14	64.67	64.18	0.73	ppb
Strontium	88-1	65.22	65.36	66.02	65.53	0.65	ppb
Sulfur	34-1	-1105.84	-1244.07	-1238.18	-1196.03		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.04	0.04	0.04	3.33	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.47	ppb
Tin	118-1	26.91	26.55	26.88	26.78	0.74	ppb
Titanium	47-1	81.38	78.49	79.21	79.69	1.89	ppb
Uranium	238-1	0.17	0.19	0.17	0.18	6.02	ppb
Vanadium	51-2	6.41	6.57	6.30	6.43	2.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	271.13	273.02	280.15	274.77	1.73	ppb
Zirconium	90-1	0.43	0.39	0.41	0.41	4.89	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.46	0.35	0.36	0.39	14.90	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12506.49	12963.47	12890.24	12786.73	1.92	ppb
Antimony	121-1	30.57	29.85	29.89	30.10	1.35	ppb
Arsenic	75-2	21.63	21.75	22.65	22.01	2.53	ppb
Barium	135-1	750.66	738.52	741.51	743.56	0.85	ppb
Barium	137-1	769.19	747.08	764.54	760.27	1.53	ppb
Beryllium	9-1	10.64	10.80	10.64	10.69	0.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				92		%
Boron	10-1	16.99	17.91	17.55	17.48	2.66	ppb
Boron	11-1	18.29	19.13	17.86	18.43	3.50	ppb
Cadmium	111-1	12.04	11.45	11.85	11.78	2.55	ppb
Cadmium	106-1	12.59	10.82	9.76	11.06	12.92	ppb
Cadmium	108-1	12.34	12.53	13.36	12.74	4.24	ppb
Calcium	43-1	72920.32	72818.91	72639.84	72793.02	0.20	ppb
Calcium	44-1	72307.76	71311.99	71089.27	71569.67	0.91	ppb
Chromium	52-2	112.78	113.04	115.53	113.78	1.33	ppb
Cobalt	59-2	108.17	108.89	110.77	109.27	1.23	ppb
Copper	63-2	208.21	208.44	209.76	208.80	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	30153.09	30385.03	30415.79	30317.97	0.47	ppb
Iron	57-2	29349.53	29850.50	29896.65	29698.89	1.02	ppb
Lead	206-1	672.99	671.84	661.03	668.62	0.99	ppb
Lead	207-1	632.25	628.92	618.68	626.61	1.13	ppb
Lead	208-1	648.32	643.03	635.15	642.17	1.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	13290.79	13498.74	13671.15	13486.89	1.41	ppb
Manganese	55-2	1106.24	1113.67	1125.21	1115.04	0.86	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.30	2.30	2.19	2.26	2.79	ppb
Molybdenum	95-1	2.26	2.33	2.41	2.33	3.23	ppb
Molybdenum	96-1	2.40	2.34	2.42	2.39	1.77	ppb
Molybdenum	97-1	2.48	2.25	2.40	2.38	4.77	ppb
Molybdenum	98-1	2.41	2.30	2.40	2.37	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.14	142.90	143.95	142.33	1.38	ppb
Phosphorus	31-2	1025.20	1363.08	956.47	1114.92	19.52	ppb
Potassium	39-2	1373.22	1398.20	1394.03	1388.48	0.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	36.60	49.79	27.12	37.84	30.09	ppb
Selenium	78-2	24.36	23.34	27.81	25.17	9.31	ppb
Selenium	82-1	20.76	19.32	19.38	19.82	4.12	ppb
Silicon	28-1	4191.83	4143.62	4141.50	4158.98	0.68	ppb
Silver	109-1	10.25	10.44	10.18	10.29	1.32	ppb
Silver	107-1	10.68	10.30	10.52	10.50	1.80	ppb
Sodium	23-2	566.41	595.39	596.63	586.14	2.92	ppb
Strontium	86-1	299.59	291.65	288.73	293.33	1.92	ppb
Strontium	88-1	309.20	300.19	296.19	301.86	2.21	ppb
Sulfur	34-1	-666.92	-996.57	-922.67	-862.05		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	9.70	9.56	9.65	9.64	0.74	ppb
Thallium	205-1	9.67	9.63	9.56	9.62	0.58	ppb
Tin	118-1	126.15	123.57	124.24	124.65	1.08	ppb
Titanium	47-1	391.35	386.38	385.85	387.86	0.78	ppb
Uranium	238-1	0.91	0.88	0.85	0.88	3.27	ppb
Vanadium	51-2	125.45	128.07	129.07	127.53	1.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	1364.27	1378.78	1397.74	1380.26	1.22	ppb
Zirconium	90-1	2.18	2.42	2.11	2.24	7.15	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.23	1.93	2.09	2.08	7.36	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9396.78	9358.47	9483.05	9412.77	0.68	ppb
Antimony	121-1	4.43	4.50	4.33	4.42	1.93	ppb
Arsenic	75-2	18.51	19.68	18.77	18.99	3.21	ppb
Barium	135-1	1074.95	1052.06	1059.82	1062.28	1.10	ppb
Barium	137-1	1064.84	1069.73	1040.52	1058.36	1.48	ppb
Beryllium	9-1	0.79	0.77	0.79	0.78	1.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				92		%
Boron	10-1	4.95	5.63	6.53	5.71	13.94	ppb
Boron	11-1	5.53	5.98	5.42	5.64	5.19	ppb
Cadmium	111-1	1.89	1.88	1.92	1.89	1.21	ppb
Cadmium	106-1	2.22	1.45	1.82	1.83	21.14	ppb
Cadmium	108-1	2.49	2.58	2.14	2.40	9.77	ppb
Calcium	43-1	12585.36	12489.39	12698.16	12590.97	0.83	ppb
Calcium	44-1	12730.66	12965.37	12844.19	12846.74	0.91	ppb
Chromium	52-2	53.19	52.72	52.01	52.64	1.12	ppb
Cobalt	59-2	12.60	12.46	12.57	12.54	0.62	ppb
Copper	63-2	155.34	156.41	157.43	156.39	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				85		%
Iron	56-2	31995.36	32098.62	32419.34	32171.11	0.69	ppb
Iron	57-2	31455.53	31491.15	32028.35	31658.34	1.01	ppb
Lead	206-1	889.64	896.14	909.90	898.56	1.15	ppb
Lead	207-1	834.04	835.13	843.79	837.66	0.64	ppb
Lead	208-1	860.07	861.50	871.85	864.47	0.74	ppb
Lithium	6-1				126		%
Magnesium	24-2	3016.49	2974.05	2996.09	2995.54	0.71	ppb
Manganese	55-2	765.30	764.93	772.99	767.74	0.59	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.43	2.39	2.37	2.39	1.30	ppb
Molybdenum	95-1	1.91	1.97	1.78	1.89	5.17	ppb
Molybdenum	96-1	2.17	2.11	2.07	2.11	2.35	ppb
Molybdenum	97-1	1.81	1.90	1.87	1.86	2.65	ppb
Molybdenum	98-1	1.93	1.88	1.90	1.90	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.98	25.50	26.54	26.01	2.01	ppb
Phosphorus	31-2	1422.95	1332.28	1388.60	1381.28	3.31	ppb
Potassium	39-2	858.34	827.18	798.51	828.01	3.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	77-2	49.68	46.05	36.85	44.19	14.97	ppb
Selenium	78-2	9.05	4.65	3.89	5.86	47.48	ppb
Selenium	82-1	1.49	1.35	0.89	1.24	25.06	ppb
Silicon	28-1	521.34	551.07	546.60	539.67	2.97	ppb
Silver	109-1	0.70	0.76	0.66	0.71	7.17	ppb
Silver	107-1	0.65	0.69	0.71	0.68	4.78	ppb
Sodium	23-2	558.45	568.63	579.64	568.91	1.86	ppb
Strontium	86-1	76.28	76.55	75.92	76.25	0.41	ppb
Strontium	88-1	80.53	79.26	79.71	79.84	0.81	ppb
Sulfur	34-1	-2555.80	-2431.98	-2212.81	-2400.20		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	0.18	0.15	0.18	0.17	9.41	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	4.29	ppb
Tin	118-1	106.62	106.21	107.28	106.70	0.51	ppb
Titanium	47-1	439.36	441.70	442.03	441.03	0.33	ppb
Uranium	238-1	1.48	1.52	1.51	1.50	1.42	ppb
Vanadium	51-2	43.33	43.06	43.35	43.25	0.37	ppb
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	1127.77	1119.62	1128.03	1125.14	0.42	ppb
Zirconium	90-1	2.52	2.56	2.50	2.53	1.30	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.55	2.52	2.42	2.50	2.74	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10113.85	10061.60	9798.36	9991.27	1.69	ppb
Antimony	121-1	2.95	2.95	3.08	2.99	2.58	ppb
Arsenic	75-2	18.50	17.76	17.63	17.96	2.63	ppb
Barium	135-1	1329.21	1343.76	1397.09	1356.68	2.63	ppb
Barium	137-1	1320.29	1303.83	1373.71	1332.61	2.74	ppb
Beryllium	9-1	0.76	0.77	0.87	0.80	7.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				93		%
Boron	10-1	7.31	4.62	6.58	6.17	22.58	ppb
Boron	11-1	6.00	6.08	6.55	6.21	4.78	ppb
Cadmium	111-1	2.36	2.48	2.50	2.45	3.19	ppb
Cadmium	106-1	2.16	2.94	2.53	2.54	15.25	ppb
Cadmium	108-1	2.51	3.04	3.21	2.92	12.54	ppb
Calcium	43-1	18092.78	18304.56	18866.63	18421.33	2.17	ppb
Calcium	44-1	18454.01	18527.95	19007.51	18663.16	1.61	ppb
Chromium	52-2	37.09	36.90	35.64	36.54	2.16	ppb
Cobalt	59-2	10.00	9.76	9.87	9.88	1.24	ppb
Copper	63-2	135.51	133.75	131.87	133.71	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	26673.95	26082.43	25899.43	26218.60	1.54	ppb
Iron	57-2	26198.21	25741.16	25370.08	25769.82	1.61	ppb
Lead	206-1	1279.26	1296.41	1344.76	1306.81	2.60	ppb
Lead	207-1	1185.87	1200.62	1254.55	1213.68	2.98	ppb
Lead	208-1	1229.90	1249.95	1301.15	1260.33	2.92	ppb
Lithium	6-1				111		%
Magnesium	24-2	5754.28	5696.84	5712.87	5721.33	0.52	ppb
Manganese	55-2	635.40	620.23	612.78	622.80	1.85	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.67	1.62	1.68	1.66	1.76	ppb
Molybdenum	95-1	1.54	1.49	1.54	1.53	1.88	ppb
Molybdenum	96-1	1.68	1.67	1.70	1.68	1.04	ppb
Molybdenum	97-1	1.62	1.58	1.65	1.62	2.03	ppb
Molybdenum	98-1	1.43	1.58	1.70	1.57	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.64	24.29	23.84	24.26	1.66	ppb
Phosphorus	31-2	1156.44	792.62	941.76	963.60	18.98	ppb
Potassium	39-2	721.66	721.89	706.86	716.80	1.20	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	26.55	68.04	36.02	43.54	49.94	ppb
Selenium	78-2	4.44	6.08	10.51	7.01	44.78	ppb
Selenium	82-1	1.10	0.87	1.04	1.00	12.23	ppb
Silicon	28-1	1163.93	1172.93	1199.17	1178.68	1.55	ppb
Silver	109-1	0.62	0.59	0.60	0.60	2.39	ppb
Silver	107-1	0.61	0.62	0.63	0.62	1.03	ppb
Sodium	23-2	350.11	362.88	366.50	359.83	2.39	ppb
Strontium	86-1	91.39	89.48	92.58	91.15	1.72	ppb
Strontium	88-1	95.79	93.49	96.08	95.12	1.49	ppb
Sulfur	34-1	-1576.32	-1859.50	-1464.12	-1633.31		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.16	0.18	0.17	0.17	6.09	ppb
Thallium	205-1	0.15	0.15	0.17	0.16	5.92	ppb
Tin	118-1	30.20	30.00	30.80	30.33	1.37	ppb
Titanium	47-1	369.09	372.29	382.33	374.57	1.84	ppb
Uranium	238-1	0.60	0.61	0.62	0.61	1.30	ppb
Vanadium	51-2	31.42	30.82	30.88	31.04	1.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	1845.76	1813.59	1802.92	1820.76	1.22	ppb
Zirconium	90-1	1.58	1.60	1.70	1.63	3.99	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.59	1.62	1.64	1.61	1.66	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9987.55	10367.92	10431.13	10262.20	2.34	ppb
Antimony	121-1	1.13	1.08	1.11	1.10	2.20	ppb
Arsenic	75-2	8.72	8.46	8.08	8.42	3.79	ppb
Barium	135-1	201.35	200.57	200.15	200.69	0.30	ppb
Barium	137-1	199.77	201.68	199.35	200.27	0.62	ppb
Beryllium	9-1	0.75	0.75	0.90	0.80	10.69	ppb
Bismuth	209-1				110		%
Bismuth	209-2				91		%
Boron	10-1	4.05	3.92	4.96	4.31	13.11	ppb
Boron	11-1	4.01	4.64	3.89	4.18	9.70	ppb
Cadmium	111-1	0.43	0.48	0.62	0.51	19.37	ppb
Cadmium	106-1	-0.82	-0.43	-0.13	-0.46		ppb
Cadmium	108-1	1.05	0.83	0.92	0.93	12.29	ppb
Calcium	43-1	22963.53	22622.95	22365.29	22650.59	1.32	ppb
Calcium	44-1	23241.68	22735.10	22777.41	22918.07	1.23	ppb
Chromium	52-2	17.52	17.79	18.24	17.85	2.03	ppb
Cobalt	59-2	9.28	10.02	9.99	9.76	4.26	ppb
Copper	63-2	75.81	78.60	78.87	77.76	2.18	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				107		%
Holmium	165-2				91		%
Indium	115-1				101		%
Indium	115-2				84		%
Iron	56-2	17613.08	17967.86	18141.32	17907.42	1.50	ppb
Iron	57-2	17406.20	17673.40	17818.38	17632.66	1.19	ppb
Lead	206-1	339.15	340.31	338.92	339.46	0.22	ppb
Lead	207-1	306.80	321.87	305.76	311.47	2.90	ppb
Lead	208-1	324.64	329.55	325.13	326.44	0.83	ppb
Lithium	6-1				113		%
Magnesium	24-2	4153.75	4296.65	4256.58	4235.66	1.74	ppb
Manganese	55-2	946.77	957.42	967.18	957.12	1.07	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.04	0.99	1.00	1.01	2.31	ppb
Molybdenum	95-1	1.44	1.38	1.40	1.41	2.11	ppb
Molybdenum	96-1	1.30	1.37	1.37	1.35	3.09	ppb
Molybdenum	97-1	1.35	1.43	1.36	1.38	3.38	ppb
Molybdenum	98-1	1.51	1.51	1.46	1.50	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.95	19.27	17.88	18.37	4.26	ppb
Phosphorus	31-2	999.81	885.25	999.92	961.66	6.88	ppb
Potassium	39-2	795.69	850.82	841.52	829.34	3.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	52.33	45.77	31.62	43.24	24.48	ppb
Selenium	78-2	6.41	1.58	8.30	5.43	63.76	ppb
Selenium	82-1	-0.01	0.66	0.18	0.28	125.19	ppb
Silicon	28-1	1175.04	1165.52	1135.09	1158.55	1.80	ppb
Silver	109-1	0.34	0.32	0.35	0.34	3.65	ppb
Silver	107-1	0.31	0.36	0.36	0.34	9.31	ppb
Sodium	23-2	302.18	306.86	298.05	302.36	1.46	ppb
Strontium	86-1	66.02	67.19	65.74	66.32	1.16	ppb
Strontium	88-1	71.32	69.20	69.39	69.97	1.68	ppb
Sulfur	34-1	-1757.39	-2139.55	-1889.74	-1928.89		ppb
Terbium	159-1				106		%
Terbium	159-2				91		%
Thallium	203-1	0.15	0.15	0.14	0.15	2.68	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	4.29	ppb
Tin	118-1	15.26	14.97	14.82	15.02	1.50	ppb
Titanium	47-1	201.19	177.59	177.67	185.48	7.33	ppb
Uranium	238-1	0.78	0.79	0.78	0.79	0.87	ppb
Vanadium	51-2	27.47	27.78	28.02	27.76	0.99	ppb
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	361.06	360.66	358.74	360.15	0.34	ppb
Zirconium	90-1	0.76	0.87	0.75	0.80	8.25	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.75	0.76	0.73	4.68	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10335.00	10480.00	10456.29	10423.76	0.75	ppb
Antimony	121-1	6.35	6.27	6.48	6.37	1.59	ppb
Arsenic	75-2	18.45	17.94	17.43	17.94	2.84	ppb
Barium	135-1	1536.30	1527.74	1556.77	1540.27	0.97	ppb
Barium	137-1	1516.55	1521.00	1528.00	1521.85	0.38	ppb
Beryllium	9-1	0.84	0.85	0.87	0.85	1.36	ppb
Bismuth	209-1				114		%
Bismuth	209-2				94		%
Boron	10-1	12.28	12.42	12.79	12.50	2.09	ppb
Boron	11-1	12.93	12.71	13.68	13.10	3.89	ppb
Cadmium	111-1	4.16	4.32	4.08	4.19	2.93	ppb
Cadmium	106-1	3.68	4.72	3.71	4.04	14.66	ppb
Cadmium	108-1	4.89	5.10	5.40	5.13	5.00	ppb
Calcium	43-1	54238.10	53325.26	53672.34	53745.24	0.86	ppb
Calcium	44-1	54646.75	53860.02	54313.50	54273.42	0.73	ppb
Chromium	52-2	87.26	89.75	90.12	89.04	1.75	ppb
Cobalt	59-2	15.49	16.15	16.32	15.99	2.73	ppb
Copper	63-2	575.59	592.84	592.28	586.91	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	56-2	41104.97	41467.10	41977.82	41516.63	1.06	ppb
Iron	57-2	40392.35	41181.05	41349.75	40974.38	1.25	ppb
Lead	206-1	1685.80	1697.45	1702.34	1695.20	0.50	ppb
Lead	207-1	1588.22	1601.48	1627.90	1605.86	1.26	ppb
Lead	208-1	1638.44	1654.76	1671.41	1654.87	1.00	ppb
Lithium	6-1				115		%
Magnesium	24-2	9580.97	9873.11	9869.37	9774.48	1.71	ppb
Manganese	55-2	697.20	710.68	710.22	706.03	1.08	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.22	2.27	2.27	2.25	1.44	ppb
Molybdenum	95-1	3.68	3.46	3.59	3.58	3.16	ppb
Molybdenum	96-1	3.49	3.33	3.39	3.40	2.34	ppb
Molybdenum	97-1	3.70	3.85	3.78	3.78	2.06	ppb
Molybdenum	98-1	3.69	3.57	3.74	3.67	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.53	41.92	42.48	41.65	2.41	ppb
Phosphorus	31-2	671.65	669.91	892.27	744.61	17.17	ppb
Potassium	39-2	1006.66	1009.91	997.29	1004.62	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	31.70	36.74	41.38	36.61	13.22	ppb
Selenium	78-2	6.07	7.69	6.17	6.64	13.61	ppb
Selenium	82-1	1.41	0.78	1.39	1.19	29.96	ppb
Silicon	28-1	1834.10	1755.74	1761.69	1783.84	2.45	ppb
Silver	109-1	0.82	0.81	0.80	0.81	1.23	ppb
Silver	107-1	0.80	0.73	0.88	0.80	9.13	ppb
Sodium	23-2	522.60	531.25	538.99	530.94	1.54	ppb
Strontium	86-1	192.06	190.45	191.57	191.36	0.43	ppb
Strontium	88-1	195.92	196.25	194.95	195.70	0.35	ppb
Sulfur	34-1	-825.47	-1288.94	-911.11	-1008.51		ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	0.15	0.13	0.14	0.14	5.18	ppb
Thallium	205-1	0.12	0.14	0.13	0.13	6.43	ppb
Tin	118-1	52.32	52.71	52.68	52.57	0.42	ppb
Titanium	47-1	429.49	484.85	428.76	447.70	7.19	ppb
Uranium	238-1	0.82	0.80	0.78	0.80	2.18	ppb
Vanadium	51-2	37.05	36.70	36.56	36.77	0.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				92		%
Zinc	66-2	1530.00	1573.22	1559.14	1554.12	1.42	ppb
Zirconium	90-1	1.64	1.65	1.60	1.63	1.48	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.59	1.65	1.61	1.61	1.90	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9100.30	9179.25	9322.26	9200.60	1.22	ppb
Antimony	121-1	8.77	8.60	8.81	8.73	1.25	ppb
Arsenic	75-2	31.38	32.19	32.13	31.90	1.42	ppb
Barium	135-1	2188.50	2143.63	2183.50	2171.88	1.13	ppb
Barium	137-1	2153.63	2138.70	2156.48	2149.60	0.44	ppb
Beryllium	9-1	0.88	0.98	0.94	0.93	5.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				89		%
Boron	10-1	7.40	8.19	8.02	7.87	5.30	ppb
Boron	11-1	7.14	7.57	7.58	7.43	3.38	ppb
Cadmium	111-1	5.38	5.73	5.82	5.64	4.09	ppb
Cadmium	106-1	5.69	6.81	5.70	6.07	10.61	ppb
Cadmium	108-1	7.34	6.56	8.11	7.34	10.54	ppb
Calcium	43-1	30461.04	29997.95	30499.34	30319.44	0.92	ppb
Calcium	44-1	30608.31	30282.46	30937.96	30609.58	1.07	ppb
Chromium	52-2	102.45	103.38	102.49	102.77	0.51	ppb
Cobalt	59-2	12.39	12.54	12.50	12.48	0.62	ppb
Copper	63-2	232.27	233.17	235.85	233.76	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				105		%
Holmium	165-2				90		%
Indium	115-1				98		%
Indium	115-2				82		%
Iron	56-2	31461.69	31742.35	31703.43	31635.82	0.48	ppb
Iron	57-2	31033.80	31424.59	31095.33	31184.57	0.67	ppb
Lead	206-1	2923.75	2881.40	2906.81	2903.99	0.73	ppb
Lead	207-1	2704.15	2638.55	2630.36	2657.68	1.52	ppb
Lead	208-1	2816.43	2759.03	2780.21	2785.22	1.04	ppb
Lithium	6-1				110		%
Magnesium	24-2	3773.88	3896.82	3855.81	3842.17	1.63	ppb
Manganese	55-2	732.28	735.69	739.37	735.78	0.48	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.27	2.41	2.39	2.36	3.23	ppb
Molybdenum	95-1	2.80	2.91	2.94	2.88	2.61	ppb
Molybdenum	96-1	2.63	2.79	2.73	2.72	3.04	ppb
Molybdenum	97-1	2.70	2.96	2.96	2.88	5.24	ppb
Molybdenum	98-1	2.84	2.84	2.84	2.84	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.86	27.11	27.62	27.53	1.40	ppb
Phosphorus	31-2	2202.17	2003.70	1978.49	2061.45	5.94	ppb
Potassium	39-2	845.65	873.82	904.24	874.57	3.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				83		%
Selenium	77-2	38.25	48.52	57.85	48.21	20.34	ppb
Selenium	78-2	14.38	8.16	10.51	11.02	28.51	ppb
Selenium	82-1	1.65	1.86	1.82	1.77	6.23	ppb
Silicon	28-1	1362.44	1326.49	1381.45	1356.80	2.06	ppb
Silver	109-1	0.66	0.60	0.64	0.63	4.50	ppb
Silver	107-1	0.62	0.66	0.63	0.64	2.80	ppb
Sodium	23-2	488.81	498.09	488.36	491.75	1.12	ppb
Strontium	86-1	184.94	183.61	187.13	185.23	0.96	ppb
Strontium	88-1	191.37	191.37	192.40	191.71	0.31	ppb
Sulfur	34-1	405.18	-286.88	136.71	85.01	410.46	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.18	0.21	0.20	0.20	8.58	ppb
Thallium	205-1	0.20	0.18	0.18	0.19	5.74	ppb
Tin	118-1	94.21	92.49	93.31	93.34	0.92	ppb
Titanium	47-1	418.20	408.49	418.40	415.03	1.36	ppb
Uranium	238-1	0.77	0.75	0.78	0.77	2.03	ppb
Vanadium	51-2	38.58	38.47	38.92	38.66	0.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				87		%
Zinc	66-2	3849.08	3835.77	3836.04	3840.30	0.20	ppb
Zirconium	90-1	2.17	2.10	2.07	2.11	2.35	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.27	2.00	2.45	2.24	10.13	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12398.04	12063.68	12493.80	12318.51	1.83	ppb
Antimony	121-1	2.36	2.51	2.38	2.42	3.41	ppb
Arsenic	75-2	11.79	11.07	11.40	11.42	3.15	ppb
Barium	135-1	367.19	377.06	367.67	370.64	1.50	ppb
Barium	137-1	364.65	376.87	360.99	367.50	2.26	ppb
Beryllium	9-1	0.87	0.99	0.86	0.91	7.97	ppb
Bismuth	209-1				110		%
Bismuth	209-2				91		%
Boron	10-1	12.91	13.29	12.45	12.88	3.29	ppb
Boron	11-1	12.28	12.48	13.96	12.91	7.12	ppb
Cadmium	111-1	1.21	1.28	1.14	1.21	5.95	ppb
Cadmium	106-1	0.56	1.26	0.47	0.76	56.20	ppb
Cadmium	108-1	1.51	1.18	1.69	1.46	17.88	ppb
Calcium	43-1	18193.19	18491.69	18283.63	18322.83	0.84	ppb
Calcium	44-1	18559.97	18917.00	18540.01	18672.33	1.14	ppb
Chromium	52-2	33.97	32.45	34.62	33.68	3.32	ppb
Cobalt	59-2	20.46	19.82	21.31	20.53	3.63	ppb
Copper	63-2	156.12	151.05	157.07	154.75	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				84		%
Iron	56-2	26049.15	25157.87	26302.87	25836.63	2.33	ppb
Iron	57-2	25776.12	24740.17	26015.71	25510.66	2.66	ppb
Lead	206-1	726.46	732.96	725.91	728.44	0.54	ppb
Lead	207-1	684.48	688.59	689.77	687.61	0.40	ppb
Lead	208-1	704.89	708.12	702.15	705.05	0.42	ppb
Lithium	6-1				112		%
Magnesium	24-2	5401.80	5077.90	5448.00	5309.24	3.80	ppb
Manganese	55-2	739.23	714.51	751.95	735.23	2.59	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.95	0.99	0.98	0.97	1.93	ppb
Molybdenum	95-1	1.47	1.44	1.38	1.43	3.33	ppb
Molybdenum	96-1	1.58	1.47	1.35	1.47	7.84	ppb
Molybdenum	97-1	1.51	1.69	1.45	1.55	7.97	ppb
Molybdenum	98-1	1.51	1.55	1.51	1.53	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.55	26.97	27.70	27.41	1.42	ppb
Phosphorus	31-2	1423.22	1185.10	1075.30	1227.87	14.49	ppb
Potassium	39-2	1036.72	956.26	1065.29	1019.42	5.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	37.16	32.80	42.10	37.35	12.45	ppb
Selenium	78-2	7.78	5.52	9.39	7.57	25.69	ppb
Selenium	82-1	0.41	1.09	1.16	0.89	46.82	ppb
Silicon	28-1	950.99	954.86	977.51	961.12	1.49	ppb
Silver	109-1	0.54	0.55	0.56	0.55	2.26	ppb
Silver	107-1	0.51	0.55	0.49	0.51	6.23	ppb
Sodium	23-2	492.63	473.21	519.37	495.07	4.68	ppb
Strontium	86-1	81.10	81.67	80.83	81.20	0.53	ppb
Strontium	88-1	85.13	85.19	84.14	84.82	0.70	ppb
Sulfur	34-1	-1414.80	-1354.34	-1442.66	-1403.93		ppb
Terbium	159-1				106		%
Terbium	159-2				93		%
Thallium	203-1	0.15	0.17	0.15	0.15	7.05	ppb
Thallium	205-1	0.15	0.15	0.14	0.14	3.78	ppb
Tin	118-1	18.75	19.10	18.25	18.70	2.28	ppb
Titanium	47-1	325.70	332.34	327.95	328.67	1.03	ppb
Uranium	238-1	1.07	1.11	1.08	1.09	1.76	ppb
Vanadium	51-2	53.92	52.20	53.96	53.36	1.89	ppb
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	503.80	490.51	505.79	500.04	1.66	ppb
Zirconium	90-1	0.67	0.75	0.75	0.72	6.33	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.66	0.73	0.68	0.69	5.78	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11233.76	11230.20	11020.00	11161.32	1.10	ppb
Antimony	121-1	1.87	1.76	1.71	1.78	4.62	ppb
Arsenic	75-2	11.54	12.48	11.67	11.90	4.28	ppb
Barium	135-1	595.58	597.71	592.01	595.10	0.48	ppb
Barium	137-1	608.56	609.64	615.78	611.33	0.64	ppb
Beryllium	9-1	0.68	0.62	0.70	0.67	5.86	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	9.82	10.49	8.54	9.62	10.28	ppb
Boron	11-1	9.00	8.95	9.53	9.16	3.52	ppb
Cadmium	111-1	1.25	1.23	1.31	1.26	3.33	ppb
Cadmium	106-1	1.62	0.81	0.58	1.01	54.40	ppb
Cadmium	108-1	1.23	1.41	1.62	1.42	13.77	ppb
Calcium	43-1	16682.04	16510.75	16476.66	16556.48	0.66	ppb
Calcium	44-1	16872.73	17021.88	16922.98	16939.20	0.45	ppb
Chromium	52-2	49.61	48.23	48.92	48.92	1.41	ppb
Cobalt	59-2	20.83	20.55	20.71	20.70	0.67	ppb
Copper	63-2	137.43	134.36	134.73	135.51	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	25601.76	25036.81	24914.80	25184.46	1.46	ppb
Iron	57-2	24978.02	24587.97	24469.25	24678.41	1.08	ppb
Lead	206-1	808.13	791.26	808.66	802.68	1.23	ppb
Lead	207-1	762.05	758.93	763.04	761.34	0.28	ppb
Lead	208-1	781.61	769.66	780.86	777.38	0.86	ppb
Lithium	6-1				112		%
Magnesium	24-2	5020.61	4952.96	5020.91	4998.16	0.78	ppb
Manganese	55-2	580.96	558.77	561.46	567.06	2.14	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.74	1.76	1.92	1.81	5.31	ppb
Molybdenum	95-1	3.39	3.43	3.24	3.36	3.04	ppb
Molybdenum	96-1	2.98	2.92	3.03	2.98	1.72	ppb
Molybdenum	97-1	3.31	3.44	3.29	3.35	2.47	ppb
Molybdenum	98-1	3.39	3.26	3.37	3.34	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.02	27.44	27.08	27.51	1.72	ppb
Phosphorus	31-2	884.73	841.93	965.63	897.43	7.00	ppb
Potassium	39-2	922.85	927.19	930.28	926.77	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	18.09	27.23	41.07	28.80	40.18	ppb
Selenium	78-2	13.57	11.35	8.39	11.10	23.40	ppb
Selenium	82-1	0.39	0.76	0.50	0.55	34.29	ppb
Silicon	28-1	1048.60	1164.46	1030.80	1081.28	6.71	ppb
Silver	109-1	4.62	4.60	4.50	4.58	1.39	ppb
Silver	107-1	4.88	4.55	4.67	4.70	3.63	ppb
Sodium	23-2	392.31	384.85	380.41	385.85	1.56	ppb
Strontium	86-1	64.97	65.11	65.92	65.33	0.78	ppb
Strontium	88-1	69.09	67.33	68.45	68.29	1.30	ppb
Sulfur	34-1	-529.46	-698.97	-593.60	-607.34		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.09	0.10	0.10	8.82	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	7.39	ppb
Tin	118-1	17.85	18.03	17.89	17.92	0.54	ppb
Titanium	47-1	289.31	289.68	291.50	290.17	0.40	ppb
Uranium	238-1	0.92	0.91	0.92	0.92	0.46	ppb
Vanadium	51-2	40.21	39.18	39.87	39.75	1.33	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	676.95	654.85	664.97	665.59	1.66	ppb
Zirconium	90-1	1.05	1.13	1.12	1.10	3.87	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.10	1.14	1.09	1.11	2.67	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	677.43	557.95	676.88	637.42	10.80	ppb
Antimony	121-1	0.57	0.62	0.56	0.58	5.24	ppb
Arsenic	75-2	0.86	0.85	0.97	0.89	7.74	ppb
Barium	135-1	17.34	17.56	17.66	17.52	0.95	ppb
Barium	137-1	17.23	17.39	17.82	17.48	1.76	ppb
Beryllium	9-1	0.04	0.11	0.06	0.07	51.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	2.11	2.03	1.91	2.02	4.80	ppb
Boron	11-1	2.36	2.30	2.06	2.24	7.07	ppb
Cadmium	111-1	0.00	0.02	0.08	0.04	121.26	ppb
Cadmium	106-1	-1.85	-0.85	-0.26	-0.99		ppb
Cadmium	108-1	0.07	0.10	0.07	0.08	20.66	ppb
Calcium	43-1	3511.09	3517.22	3531.04	3519.78	0.29	ppb
Calcium	44-1	3549.16	3611.17	3597.72	3586.02	0.91	ppb
Chromium	52-2	3.65	3.93	4.12	3.90	6.12	ppb
Cobalt	59-2	0.71	0.72	0.77	0.73	4.77	ppb
Copper	63-2	8.16	8.24	9.59	8.66	9.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				92		%
Indium	115-1				102		%
Indium	115-2				85		%
Iron	56-2	1511.31	1535.78	1803.41	1616.84	10.02	ppb
Iron	57-2	1480.51	1482.58	1745.76	1569.62	9.72	ppb
Lead	206-1	31.99	31.52	31.80	31.77	0.75	ppb
Lead	207-1	29.84	29.60	29.66	29.70	0.41	ppb
Lead	208-1	30.75	30.54	30.82	30.70	0.48	ppb
Lithium	6-1				110		%
Magnesium	24-2	682.80	676.84	783.21	714.28	8.37	ppb
Manganese	55-2	52.45	52.63	62.98	56.02	10.76	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.10	0.09	0.10	16.02	ppb
Molybdenum	95-1	0.15	0.13	0.12	0.13	10.82	ppb
Molybdenum	96-1	0.12	0.15	0.11	0.13	13.23	ppb
Molybdenum	97-1	0.14	0.13	0.14	0.14	4.46	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.15	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.14	2.86	2.37	17.62	ppb
Phosphorus	31-2	5.16	46.66	32.71	28.18	74.96	ppb
Potassium	39-2	72.51	58.44	85.93	72.29	19.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				83		%
Selenium	77-2	0.00	4.70	5.48	3.39	87.36	ppb
Selenium	78-2	0.07	1.65	2.04	1.25	83.11	ppb
Selenium	82-1	-0.37	-0.23	0.58	-0.01		ppb
Silicon	28-1	178.60	181.38	181.03	180.34	0.84	ppb
Silver	109-1	0.07	0.07	0.05	0.06	17.37	ppb
Silver	107-1	0.06	0.07	0.06	0.06	4.62	ppb
Sodium	23-2	38.97	36.98	70.43	48.80	38.45	ppb
Strontium	86-1	14.95	14.87	14.95	14.92	0.29	ppb
Strontium	88-1	15.61	15.43	15.62	15.55	0.70	ppb
Sulfur	34-1	-2102.02	-1820.96	-1843.44	-1922.14		ppb
Terbium	159-1				107		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.69	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	51.61	ppb
Tin	118-1	6.24	6.17	6.46	6.29	2.36	ppb
Titanium	47-1	18.85	19.52	19.27	19.21	1.74	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	6.13	ppb
Vanadium	51-2	1.77	1.58	1.96	1.77	10.77	ppb
Yttrium	89-1				103		%
Yttrium	89-2				85		%
Zinc	66-2	64.05	66.84	78.03	69.64	10.62	ppb
Zirconium	90-1	0.09	0.07	0.09	0.08	15.51	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.08	0.08	3.93	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	603.95	628.62	622.08	618.22	2.07	ppb
Antimony	121-1	0.56	0.55	0.53	0.54	2.59	ppb
Arsenic	75-2	0.80	0.82	0.70	0.78	8.29	ppb
Barium	135-1	16.58	17.57	17.29	17.15	2.97	ppb
Barium	137-1	17.03	17.33	17.26	17.21	0.91	ppb
Beryllium	9-1	0.09	0.04	0.07	0.06	42.65	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	2.20	1.75	1.68	1.88	14.83	ppb
Boron	11-1	1.93	1.65	1.80	1.79	7.61	ppb
Cadmium	111-1	0.04	0.05	0.02	0.04	51.51	ppb
Cadmium	106-1	-0.86	-0.56	-1.37	-0.93		ppb
Cadmium	108-1	0.23	0.07	-0.02	0.09	130.54	ppb
Calcium	43-1	3447.72	3541.51	3501.11	3496.78	1.35	ppb
Calcium	44-1	3467.92	3485.23	3501.00	3484.72	0.47	ppb
Chromium	52-2	3.69	3.70	3.65	3.68	0.67	ppb
Cobalt	59-2	0.64	0.72	0.71	0.69	6.89	ppb
Copper	63-2	8.10	8.01	8.15	8.09	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	1499.31	1512.88	1490.43	1500.87	0.75	ppb
Iron	57-2	1502.67	1544.94	1443.39	1497.00	3.41	ppb
Lead	206-1	31.32	31.45	31.19	31.32	0.42	ppb
Lead	207-1	29.43	29.44	29.24	29.37	0.38	ppb
Lead	208-1	30.33	30.48	30.22	30.34	0.42	ppb
Lithium	6-1				108		%
Magnesium	24-2	662.85	656.23	658.83	659.30	0.51	ppb
Manganese	55-2	51.74	50.76	50.94	51.15	1.02	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.10	0.09	18.69	ppb
Molybdenum	95-1	0.12	0.12	0.15	0.13	15.89	ppb
Molybdenum	96-1	0.13	0.14	0.16	0.14	12.90	ppb
Molybdenum	97-1	0.11	0.16	0.14	0.13	18.32	ppb
Molybdenum	98-1	0.11	0.14	0.14	0.13	13.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	1.91	2.27	2.09	8.63	ppb
Phosphorus	31-2	107.28	26.19	86.58	73.35	57.45	ppb
Potassium	39-2	36.45	45.88	47.38	43.24	13.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	9.30	0.00	0.00	3.10	173.21	ppb
Selenium	78-2	0.07	0.09	-0.70	-0.18		ppb
Selenium	82-1	0.31	0.10	-0.24	0.06	492.23	ppb
Silicon	28-1	179.21	182.48	185.16	182.29	1.64	ppb
Silver	109-1	0.06	0.06	0.06	0.06	5.22	ppb
Silver	107-1	0.06	0.07	0.05	0.06	16.89	ppb
Sodium	23-2	25.88	28.86	34.51	29.75	14.73	ppb
Strontium	86-1	14.79	14.42	14.99	14.73	1.95	ppb
Strontium	88-1	15.21	15.31	15.26	15.26	0.34	ppb
Sulfur	34-1	-1687.09	-1884.61	-1909.43	-1827.04		ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	22.08	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	48.95	ppb
Tin	118-1	6.27	6.22	6.11	6.20	1.32	ppb
Titanium	47-1	18.69	18.86	19.31	18.95	1.71	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	0.49	ppb
Vanadium	51-2	1.68	1.59	1.67	1.65	2.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				89		%
Zinc	66-2	65.54	66.77	66.66	66.33	1.03	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	10.10	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.08	0.09	7.60	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	127.83	135.33	135.95	133.04	3.40	ppb
Antimony	121-1	0.14	0.10	0.11	0.12	17.19	ppb
Arsenic	75-2	0.17	0.11	0.10	0.13	27.33	ppb
Barium	135-1	3.26	3.41	3.49	3.39	3.47	ppb
Barium	137-1	3.30	3.41	3.23	3.31	2.71	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	14.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	1.22	1.25	0.90	1.12	17.26	ppb
Boron	11-1	1.10	1.17	1.30	1.19	8.47	ppb
Cadmium	111-1	-0.14	-0.07	-0.04	-0.08		ppb
Cadmium	106-1	-2.25	-1.35	-1.02	-1.54		ppb
Cadmium	108-1	-0.01	-0.01	-0.08	-0.03		ppb
Calcium	43-1	644.69	702.53	645.65	664.29	4.99	ppb
Calcium	44-1	691.61	690.81	684.54	688.98	0.56	ppb
Chromium	52-2	0.69	0.80	0.66	0.71	10.05	ppb
Cobalt	59-2	0.12	0.12	0.11	0.12	4.37	ppb
Copper	63-2	1.61	1.55	1.64	1.60	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	297.30	292.93	305.77	298.67	2.19	ppb
Iron	57-2	306.75	294.54	282.18	294.49	4.17	ppb
Lead	206-1	6.51	6.51	6.49	6.50	0.19	ppb
Lead	207-1	6.07	6.12	6.09	6.09	0.41	ppb
Lead	208-1	6.31	6.30	6.25	6.28	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	126.85	143.01	146.12	138.66	7.46	ppb
Manganese	55-2	9.92	11.02	10.36	10.44	5.31	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	22.34	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	10.74	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	64.42	ppb
Molybdenum	97-1	0.06	0.01	0.06	0.05	65.72	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	8.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.45	0.51	0.46	11.25	ppb
Phosphorus	31-2	-14.95	25.60	6.73	5.79	350.22	ppb
Potassium	39-2	9.59	8.50	18.25	12.11	44.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	82-1	0.64	0.29	0.84	0.59	47.21	ppb
Silicon	28-1	32.94	25.11	31.52	29.86	13.96	ppb
Silver	109-1	0.04	0.03	0.03	0.03	20.72	ppb
Silver	107-1	0.04	0.03	0.04	0.03	17.13	ppb
Sodium	23-2	21.57	11.01	14.60	15.73	34.16	ppb
Strontium	86-1	3.01	2.88	3.13	3.01	4.09	ppb
Strontium	88-1	3.09	3.06	3.06	3.07	0.66	ppb
Sulfur	34-1	-171.56	-1322.03	-491.18	-661.59		ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.01	0.02	0.02	30.02	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	32.85	ppb
Tin	118-1	1.28	1.31	1.27	1.29	1.69	ppb
Titanium	47-1	4.19	3.64	3.89	3.91	7.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.70	ppb
Vanadium	51-2	0.29	0.20	0.29	0.26	20.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	12.88	12.68	14.26	13.27	6.46	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	260.45	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	637.48	650.79	640.53	642.93	1.08	ppb
Antimony	121-1	1.47	1.40	1.41	1.43	2.52	ppb
Arsenic	75-2	1.30	1.08	1.14	1.17	9.69	ppb
Barium	135-1	36.09	34.97	35.95	35.67	1.71	ppb
Barium	137-1	36.23	35.96	36.04	36.08	0.38	ppb
Beryllium	9-1	0.54	0.51	0.48	0.51	5.71	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	1.43	1.82	1.33	1.52	16.97	ppb
Boron	11-1	1.50	1.92	1.57	1.66	13.55	ppb
Cadmium	111-1	0.51	0.52	0.51	0.51	1.75	ppb
Cadmium	106-1	-0.17	-0.11	-0.31	-0.20		ppb
Cadmium	108-1	0.54	0.80	0.41	0.58	33.96	ppb
Calcium	43-1	3438.07	3477.98	3443.79	3453.28	0.62	ppb
Calcium	44-1	3519.28	3507.46	3510.04	3512.26	0.18	ppb
Chromium	52-2	5.62	5.89	5.78	5.77	2.42	ppb
Cobalt	59-2	5.50	5.59	5.60	5.56	0.96	ppb
Copper	63-2	10.62	10.55	10.26	10.48	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	1502.02	1513.66	1503.55	1506.41	0.42	ppb
Iron	57-2	1454.19	1521.73	1509.33	1495.08	2.40	ppb
Lead	206-1	31.38	31.57	31.86	31.60	0.76	ppb
Lead	207-1	28.99	29.34	29.73	29.35	1.25	ppb
Lead	208-1	30.33	30.36	30.85	30.51	0.95	ppb
Lithium	6-1				109		%
Magnesium	24-2	665.57	679.17	690.27	678.34	1.82	ppb
Manganese	55-2	54.79	56.81	55.51	55.70	1.84	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.10	0.11	0.11	14.25	ppb
Molybdenum	95-1	0.12	0.15	0.14	0.13	11.22	ppb
Molybdenum	96-1	0.14	0.18	0.14	0.16	14.20	ppb
Molybdenum	97-1	0.12	0.13	0.16	0.14	12.71	ppb
Molybdenum	98-1	0.15	0.13	0.14	0.14	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.77	7.35	6.71	7.28	7.33	ppb
Phosphorus	31-2	46.47	26.48	47.04	40.00	29.28	ppb
Potassium	39-2	24.70	42.06	52.87	39.88	35.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				86		%
Selenium	77-2	0.00	4.72	4.75	3.16	86.60	ppb
Selenium	78-2	2.44	0.87	3.25	2.19	55.33	ppb
Selenium	82-1	1.13	1.31	1.15	1.20	8.47	ppb
Silicon	28-1	189.79	197.56	188.46	191.94	2.56	ppb
Silver	109-1	0.50	0.51	0.51	0.51	1.59	ppb
Silver	107-1	0.50	0.50	0.51	0.50	1.06	ppb
Sodium	23-2	37.78	29.30	32.49	33.19	12.90	ppb
Strontium	86-1	15.03	14.70	14.80	14.84	1.17	ppb
Strontium	88-1	15.35	15.15	15.28	15.26	0.65	ppb
Sulfur	34-1	-1210.60	-1171.99	-1234.70	-1205.76		ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	0.50	0.49	0.50	0.49	1.21	ppb
Thallium	205-1	0.48	0.43	0.46	0.45	5.63	ppb
Tin	118-1	6.11	5.88	6.11	6.03	2.20	ppb
Titanium	47-1	19.08	19.05	18.82	18.98	0.74	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.50	ppb
Vanadium	51-2	6.43	6.09	6.18	6.23	2.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	70.34	69.41	73.05	70.94	2.67	ppb
Zirconium	90-1	0.08	0.13	0.09	0.10	26.15	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.06	0.08	16.31	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	465.49	455.00	476.89	465.80	2.35	ppb
Antimony	121-1	0.23	0.19	0.21	0.21	8.51	ppb
Arsenic	75-2	0.92	0.71	1.00	0.88	16.93	ppb
Barium	135-1	50.63	50.78	50.10	50.50	0.71	ppb
Barium	137-1	50.35	51.03	49.89	50.42	1.14	ppb
Beryllium	9-1	0.07	0.05	0.05	0.05	22.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	0.94	1.30	0.92	1.05	20.62	ppb
Boron	11-1	1.23	1.13	1.35	1.24	8.99	ppb
Cadmium	111-1	0.04	0.04	0.05	0.04	24.66	ppb
Cadmium	106-1	-0.89	-0.63	-0.75	-0.75		ppb
Cadmium	108-1	-0.05	0.01	-0.05	-0.03		ppb
Calcium	43-1	584.43	567.66	580.80	577.63	1.53	ppb
Calcium	44-1	615.82	623.88	619.65	619.78	0.65	ppb
Chromium	52-2	2.43	2.82	2.61	2.62	7.44	ppb
Cobalt	59-2	0.65	0.61	0.61	0.62	4.09	ppb
Copper	63-2	7.91	7.87	7.64	7.81	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	1567.08	1598.88	1588.05	1584.67	1.02	ppb
Iron	57-2	1537.86	1638.38	1612.35	1596.20	3.27	ppb
Lead	206-1	44.42	44.55	44.12	44.36	0.49	ppb
Lead	207-1	41.41	41.62	40.76	41.26	1.09	ppb
Lead	208-1	42.70	42.73	42.43	42.62	0.39	ppb
Lithium	6-1				108		%
Magnesium	24-2	146.09	152.80	142.03	146.97	3.70	ppb
Manganese	55-2	37.70	38.76	38.80	38.42	1.62	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.14	0.10	0.12	19.31	ppb
Molybdenum	95-1	0.09	0.13	0.12	0.11	16.18	ppb
Molybdenum	96-1	0.10	0.09	0.12	0.11	15.45	ppb
Molybdenum	97-1	0.13	0.08	0.06	0.09	40.34	ppb
Molybdenum	98-1	0.11	0.09	0.10	0.10	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	0.97	1.33	1.21	16.81	ppb
Phosphorus	31-2	66.31	67.79	5.60	46.57	76.20	ppb
Potassium	39-2	17.39	28.90	13.74	20.01	39.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	4.80	1.60	173.21	ppb
Selenium	78-2	0.09	-0.70	1.70	0.36	335.04	ppb
Selenium	82-1	-0.11	0.04	-0.66	-0.24		ppb
Silicon	28-1	10.28	11.06	11.48	10.94	5.56	ppb
Silver	109-1	0.05	0.06	0.05	0.05	2.58	ppb
Silver	107-1	0.04	0.05	0.05	0.05	8.63	ppb
Sodium	23-2	24.84	26.51	27.52	26.29	5.16	ppb
Strontium	86-1	3.76	4.08	3.88	3.91	4.15	ppb
Strontium	88-1	3.99	4.08	3.96	4.01	1.55	ppb
Sulfur	34-1	-1430.96	-1246.12	-1194.59	-1290.56		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.02	0.02	0.02	25.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.04	ppb
Tin	118-1	5.09	5.30	5.20	5.20	1.97	ppb
Titanium	47-1	21.88	22.06	22.05	22.00	0.45	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	2.69	ppb
Vanadium	51-2	2.02	2.17	2.12	2.10	3.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	55.08	56.17	56.17	55.81	1.12	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	3.22	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.15	0.13	0.12	19.73	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.03	576.48	487.29	506.94	12.25	ppb
Antimony	121-1	0.14	0.15	0.14	0.14	2.87	ppb
Arsenic	75-2	0.69	0.98	0.90	0.85	17.42	ppb
Barium	135-1	63.39	64.43	62.95	63.59	1.20	ppb
Barium	137-1	63.56	63.60	62.32	63.16	1.15	ppb
Beryllium	9-1	0.11	0.02	0.01	0.04	120.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				92		%
Boron	10-1	1.00	1.07	0.81	0.96	13.90	ppb
Boron	11-1	0.69	0.89	0.83	0.80	12.56	ppb
Cadmium	111-1	0.12	0.01	0.15	0.09	80.85	ppb
Cadmium	106-1	-0.13	-1.25	0.34	-0.35		ppb
Cadmium	108-1	0.08	0.21	0.17	0.15	42.12	ppb
Calcium	43-1	909.46	863.77	861.73	878.32	3.07	ppb
Calcium	44-1	885.78	888.89	881.98	885.55	0.39	ppb
Chromium	52-2	1.79	1.94	1.78	1.84	4.65	ppb
Cobalt	59-2	0.56	0.52	0.48	0.52	7.78	ppb
Copper	63-2	6.57	6.46	6.78	6.60	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	56-2	1265.65	1271.37	1275.07	1270.70	0.37	ppb
Iron	57-2	1187.49	1229.23	1316.07	1244.26	5.27	ppb
Lead	206-1	62.67	63.57	62.84	63.03	0.76	ppb
Lead	207-1	58.40	59.72	58.42	58.85	1.28	ppb
Lead	208-1	60.53	61.57	60.43	60.84	1.04	ppb
Lithium	6-1				107		%
Magnesium	24-2	265.85	283.38	265.41	271.54	3.77	ppb
Manganese	55-2	30.35	30.58	31.49	30.81	1.96	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.08	0.08	10.62	ppb
Molybdenum	95-1	0.12	0.10	0.09	0.10	14.45	ppb
Molybdenum	96-1	0.09	0.08	0.16	0.11	40.43	ppb
Molybdenum	97-1	0.08	0.07	0.11	0.09	20.25	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.08	13.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.22	1.18	1.23	4.94	ppb
Phosphorus	31-2	47.19	68.60	26.56	47.45	44.30	ppb
Potassium	39-2	0.05	14.55	8.45	7.68	94.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	0.00	14.63	4.84	6.49	114.84	ppb
Selenium	78-2	-0.70	-0.70	1.72	0.11	1287.79	ppb
Selenium	82-1	0.11	0.22	-0.07	0.08	175.20	ppb
Silicon	28-1	53.79	53.19	48.86	51.95	5.18	ppb
Silver	109-1	0.04	0.05	0.04	0.04	11.90	ppb
Silver	107-1	0.04	0.03	0.05	0.04	21.29	ppb
Sodium	23-2	17.39	20.06	16.73	18.06	9.75	ppb
Strontium	86-1	4.40	4.61	4.57	4.53	2.42	ppb
Strontium	88-1	4.72	4.72	4.65	4.70	0.85	ppb
Sulfur	34-1	-1158.95	-1297.29	-1567.36	-1341.20		ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.03	0.02	0.03	25.63	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	27.35	ppb
Tin	118-1	1.54	1.57	1.44	1.51	4.30	ppb
Titanium	47-1	16.97	18.27	17.22	17.48	3.94	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	20.58	ppb
Vanadium	51-2	1.49	1.37	1.57	1.48	6.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				86		%
Zinc	66-2	91.40	92.18	89.56	91.05	1.48	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	20.04	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.10	0.08	24.87	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.35	463.75	523.32	498.14	6.19	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	3.46	ppb
Arsenic	75-2	0.33	0.46	0.46	0.42	18.50	ppb
Barium	135-1	9.73	9.95	9.72	9.80	1.34	ppb
Barium	137-1	9.54	10.08	9.62	9.75	2.98	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	28.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	0.59	0.68	0.54	0.60	11.96	ppb
Boron	11-1	0.72	0.70	0.76	0.73	4.63	ppb
Cadmium	111-1	-0.05	-0.10	-0.03	-0.06		ppb
Cadmium	106-1	-1.00	-1.57	-0.56	-1.04		ppb
Cadmium	108-1	0.04	0.08	-0.02	0.03	138.10	ppb
Calcium	43-1	1081.60	1147.64	1144.67	1124.64	3.32	ppb
Calcium	44-1	1106.39	1120.70	1129.59	1118.89	1.05	ppb
Chromium	52-2	0.72	0.70	0.84	0.75	10.15	ppb
Cobalt	59-2	0.47	0.47	0.48	0.47	1.82	ppb
Copper	63-2	3.91	3.90	3.82	3.88	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	885.54	874.96	884.16	881.55	0.65	ppb
Iron	57-2	838.60	859.12	892.15	863.29	3.13	ppb
Lead	206-1	16.48	16.36	16.25	16.36	0.69	ppb
Lead	207-1	15.24	15.22	15.39	15.28	0.62	ppb
Lead	208-1	15.83	15.74	15.81	15.79	0.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	199.55	209.51	220.59	209.88	5.01	ppb
Manganese	55-2	49.28	49.42	48.76	49.15	0.70	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.04	0.04	16.49	ppb
Molybdenum	95-1	0.09	0.07	0.07	0.08	12.46	ppb
Molybdenum	96-1	0.05	0.07	0.07	0.06	12.61	ppb
Molybdenum	97-1	0.06	0.09	0.03	0.06	48.17	ppb
Molybdenum	98-1	0.07	0.07	0.09	0.08	19.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.79	0.98	0.92	11.89	ppb
Phosphorus	31-2	87.53	127.64	5.48	73.55	84.66	ppb
Potassium	39-2	13.16	26.86	7.87	15.96	61.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	4.63	0.00	9.39	4.67	100.48	ppb
Selenium	78-2	0.07	1.65	0.08	0.60	151.21	ppb
Selenium	82-1	0.21	0.06	-0.04	0.08	164.32	ppb
Silicon	28-1	48.26	51.21	49.67	49.71	2.97	ppb
Silver	109-1	0.02	0.02	0.03	0.02	44.91	ppb
Silver	107-1	0.02	0.02	0.03	0.02	25.23	ppb
Sodium	23-2	14.20	8.70	10.58	11.16	25.04	ppb
Strontium	86-1	3.38	3.42	3.46	3.42	1.09	ppb
Strontium	88-1	3.49	3.54	3.58	3.54	1.30	ppb
Sulfur	34-1	-1589.60	-1432.32	-1546.48	-1522.80		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.02	0.02	37.39	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	28.73	ppb
Tin	118-1	0.80	0.76	0.75	0.77	3.35	ppb
Titanium	47-1	8.59	8.88	8.81	8.76	1.77	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	9.47	ppb
Vanadium	51-2	1.41	1.43	1.41	1.42	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	19.20	18.86	17.78	18.61	3.98	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	23.54	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.04	0.03	57.56	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	541.18	538.83	543.47	541.16	0.43	ppb
Antimony	121-1	0.30	0.33	0.37	0.33	11.69	ppb
Arsenic	75-2	0.85	0.96	0.90	0.90	6.25	ppb
Barium	135-1	73.71	71.72	74.55	73.33	1.98	ppb
Barium	137-1	73.09	72.59	73.93	73.20	0.92	ppb
Beryllium	9-1	0.03	0.06	0.05	0.05	30.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	1.18	1.16	1.53	1.29	16.27	ppb
Boron	11-1	0.90	0.99	1.22	1.04	15.70	ppb
Cadmium	111-1	0.16	0.14	0.18	0.16	14.04	ppb
Cadmium	106-1	-0.84	-0.60	-0.07	-0.50		ppb
Cadmium	108-1	0.16	0.01	0.09	0.09	82.32	ppb
Calcium	43-1	2514.58	2636.18	2543.90	2564.89	2.47	ppb
Calcium	44-1	2587.86	2619.04	2634.59	2613.83	0.91	ppb
Chromium	52-2	4.00	4.46	4.20	4.22	5.50	ppb
Cobalt	59-2	0.76	0.81	0.90	0.82	8.45	ppb
Copper	63-2	29.23	28.93	29.27	29.15	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				102		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	2036.80	2019.68	2060.70	2039.06	1.01	ppb
Iron	57-2	2036.97	1933.39	1979.36	1983.24	2.62	ppb
Lead	206-1	81.97	82.84	82.53	82.45	0.54	ppb
Lead	207-1	78.52	77.80	77.40	77.91	0.73	ppb
Lead	208-1	80.12	80.10	80.11	80.11	0.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	477.19	483.44	514.91	491.85	4.11	ppb
Manganese	55-2	34.35	34.28	36.33	34.99	3.33	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.12	0.11	0.12	7.39	ppb
Molybdenum	95-1	0.17	0.23	0.19	0.20	13.61	ppb
Molybdenum	96-1	0.15	0.15	0.15	0.15	1.05	ppb
Molybdenum	97-1	0.21	0.20	0.14	0.19	19.60	ppb
Molybdenum	98-1	0.20	0.17	0.21	0.20	10.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.92	2.22	2.04	7.50	ppb
Phosphorus	31-2	5.44	65.03	25.82	32.10	94.35	ppb
Potassium	39-2	36.21	43.54	58.78	46.18	24.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	0.00	4.68	0.00	1.56	173.21	ppb
Selenium	78-2	3.18	0.08	0.08	1.11	160.81	ppb
Selenium	82-1	-0.53	0.51	0.12	0.03	1547.45	ppb
Silicon	28-1	96.06	92.31	92.49	93.62	2.26	ppb
Silver	109-1	0.05	0.05	0.04	0.05	13.65	ppb
Silver	107-1	0.05	0.05	0.04	0.05	10.12	ppb
Sodium	23-2	24.67	24.24	24.25	24.39	1.01	ppb
Strontium	86-1	9.81	9.55	9.26	9.54	2.92	ppb
Strontium	88-1	9.96	9.70	9.84	9.83	1.32	ppb
Sulfur	34-1	-726.77	-1047.74	-769.79	-848.10		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.01	0.02	17.24	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.79	ppb
Tin	118-1	2.52	2.51	2.53	2.52	0.24	ppb
Titanium	47-1	20.86	21.87	21.49	21.41	2.39	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.50	ppb
Vanadium	51-2	1.88	1.83	1.72	1.81	4.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	79.28	77.21	79.40	78.63	1.57	ppb
Zirconium	90-1	0.07	0.06	0.09	0.07	16.56	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.05	0.06	19.69	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	433.22	467.92	493.98	465.04	6.56	ppb
Antimony	121-1	0.44	0.42	0.43	0.43	2.32	ppb
Arsenic	75-2	1.49	1.88	1.81	1.73	12.15	ppb
Barium	135-1	106.85	106.57	105.25	106.22	0.81	ppb
Barium	137-1	104.13	106.53	105.29	105.32	1.14	ppb
Beryllium	9-1	0.06	0.07	0.03	0.05	34.17	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	0.94	0.85	0.68	0.82	15.62	ppb
Boron	11-1	0.90	0.92	0.59	0.80	23.32	ppb
Cadmium	111-1	0.31	0.35	0.26	0.31	14.61	ppb
Cadmium	106-1	0.54	0.96	-0.61	0.30	275.16	ppb
Cadmium	108-1	0.23	0.29	0.29	0.27	13.69	ppb
Calcium	43-1	1532.04	1465.02	1487.74	1494.93	2.28	ppb
Calcium	44-1	1488.10	1495.67	1479.61	1487.79	0.54	ppb
Chromium	52-2	4.58	4.98	4.87	4.81	4.31	ppb
Cobalt	59-2	0.64	0.58	0.62	0.61	4.45	ppb
Copper	63-2	11.35	11.90	11.73	11.66	2.43	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				107		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	1524.61	1543.95	1554.93	1541.16	1.00	ppb
Iron	57-2	1497.70	1502.79	1584.55	1528.34	3.19	ppb
Lead	206-1	140.04	140.06	140.77	140.29	0.30	ppb
Lead	207-1	128.28	128.39	129.55	128.74	0.54	ppb
Lead	208-1	135.43	136.01	136.76	136.06	0.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	196.08	190.39	190.21	192.23	1.74	ppb
Manganese	55-2	35.87	37.41	36.62	36.63	2.10	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.11	0.11	0.11	4.33	ppb
Molybdenum	95-1	0.16	0.15	0.12	0.14	12.36	ppb
Molybdenum	96-1	0.10	0.18	0.16	0.15	26.45	ppb
Molybdenum	97-1	0.14	0.14	0.15	0.14	4.04	ppb
Molybdenum	98-1	0.15	0.15	0.13	0.14	9.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.54	1.39	1.45	5.70	ppb
Phosphorus	31-2	124.81	126.29	106.18	119.09	9.41	ppb
Potassium	39-2	30.20	30.77	42.98	34.65	20.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	0.00	4.65	0.00	1.55	173.21	ppb
Selenium	78-2	0.07	0.08	0.07	0.07	4.29	ppb
Selenium	82-1	0.23	0.34	0.48	0.35	35.94	ppb
Silicon	28-1	61.69	64.62	61.11	62.48	3.01	ppb
Silver	109-1	0.04	0.03	0.03	0.04	8.67	ppb
Silver	107-1	0.04	0.03	0.05	0.04	25.17	ppb
Sodium	23-2	22.99	15.87	18.90	19.25	18.54	ppb
Strontium	86-1	9.69	9.34	9.40	9.47	1.95	ppb
Strontium	88-1	9.64	9.76	9.56	9.65	1.03	ppb
Sulfur	34-1	-1379.61	-1273.01	-1352.58	-1335.07		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.03	0.03	21.29	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	33.62	ppb
Tin	118-1	4.48	4.70	4.62	4.60	2.34	ppb
Titanium	47-1	20.75	21.06	20.51	20.78	1.31	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	13.23	ppb
Vanadium	51-2	1.87	1.81	1.88	1.85	2.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	190.03	190.87	190.84	190.58	0.25	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	9.63	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.08	0.09	0.10	22.38	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	660.14	593.41	572.95	608.83	7.49	ppb
Antimony	121-1	0.12	0.12	0.10	0.11	8.86	ppb
Arsenic	75-2	0.47	0.48	0.42	0.46	6.91	ppb
Barium	135-1	17.54	18.01	17.93	17.83	1.39	ppb
Barium	137-1	17.92	17.89	17.85	17.89	0.19	ppb
Beryllium	9-1	0.02	0.09	0.05	0.05	73.06	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	1.10	0.82	0.80	0.90	18.40	ppb
Boron	11-1	0.70	1.20	1.23	1.04	28.21	ppb
Cadmium	111-1	0.01	-0.04	0.04	0.00	1527.43	ppb
Cadmium	106-1	-0.84	-1.36	-0.32	-0.84		ppb
Cadmium	108-1	-0.08	0.01	-0.05	-0.04		ppb
Calcium	43-1	824.52	864.05	865.89	851.49	2.74	ppb
Calcium	44-1	902.48	873.16	887.22	887.62	1.65	ppb
Chromium	52-2	1.55	1.67	1.67	1.63	4.14	ppb
Cobalt	59-2	1.03	1.02	1.01	1.02	1.30	ppb
Copper	63-2	7.45	7.51	7.65	7.54	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	1244.38	1274.79	1265.57	1261.58	1.24	ppb
Iron	57-2	1226.78	1278.55	1242.31	1249.21	2.13	ppb
Lead	206-1	34.63	34.85	34.08	34.52	1.14	ppb
Lead	207-1	32.54	33.27	32.43	32.75	1.40	ppb
Lead	208-1	33.42	33.93	33.37	33.57	0.92	ppb
Lithium	6-1				107		%
Magnesium	24-2	265.37	271.73	272.44	269.85	1.44	ppb
Manganese	55-2	37.52	37.06	37.45	37.34	0.66	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.05	0.04	19.45	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.08	5.68	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.07	11.17	ppb
Molybdenum	97-1	0.09	0.07	0.10	0.09	19.09	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	7.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.33	1.47	1.33	10.40	ppb
Phosphorus	31-2	24.51	45.83	45.19	38.51	31.49	ppb
Potassium	39-2	25.75	35.30	24.28	28.44	21.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	9.21	0.00	18.58	9.26	100.28	ppb
Selenium	78-2	0.07	1.64	0.07	0.59	152.67	ppb
Selenium	82-1	-0.07	0.44	0.36	0.24	112.71	ppb
Silicon	28-1	40.12	35.15	40.90	38.72	8.06	ppb
Silver	109-1	0.03	0.03	0.04	0.04	18.51	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.44	ppb
Sodium	23-2	21.10	17.49	29.07	22.55	26.28	ppb
Strontium	86-1	4.17	3.92	4.12	4.07	3.23	ppb
Strontium	88-1	4.28	4.12	4.06	4.15	2.70	ppb
Sulfur	34-1	-1339.02	-1404.52	-1257.23	-1333.59		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.02	0.03	0.02	38.55	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	29.80	ppb
Tin	118-1	0.94	0.97	0.97	0.96	1.95	ppb
Titanium	47-1	16.30	16.27	16.05	16.21	0.84	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	15.84	ppb
Vanadium	51-2	2.51	2.63	2.79	2.64	5.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	25.23	26.07	24.43	25.24	3.25	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	49.20	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.00	0.01	0.02	131.16	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	559.81	582.15	585.74	575.90	2.44	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.27	ppb
Arsenic	75-2	0.85	0.53	0.54	0.64	28.20	ppb
Barium	135-1	29.43	29.30	29.50	29.41	0.35	ppb
Barium	137-1	29.60	29.13	29.89	29.54	1.30	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	36.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	0.49	1.21	0.74	0.82	45.09	ppb
Boron	11-1	0.90	0.70	0.81	0.81	12.09	ppb
Cadmium	111-1	0.03	0.01	0.00	0.01	140.67	ppb
Cadmium	106-1	-0.68	-0.92	-1.03	-0.87		ppb
Cadmium	108-1	-0.01	-0.02	-0.01	-0.02		ppb
Calcium	43-1	806.68	763.76	835.76	802.07	4.52	ppb
Calcium	44-1	808.90	805.07	846.45	820.14	2.79	ppb
Chromium	52-2	2.48	2.62	2.35	2.48	5.31	ppb
Cobalt	59-2	1.01	1.04	0.99	1.01	2.56	ppb
Copper	63-2	6.54	6.69	6.88	6.70	2.53	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				106		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	56-2	1211.49	1239.03	1248.36	1232.96	1.55	ppb
Iron	57-2	1231.24	1215.93	1276.42	1241.20	2.53	ppb
Lead	206-1	38.53	39.20	38.78	38.84	0.87	ppb
Lead	207-1	36.25	36.94	37.03	36.74	1.15	ppb
Lead	208-1	37.62	37.91	37.89	37.81	0.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	249.09	243.48	247.42	246.66	1.17	ppb
Manganese	55-2	27.09	28.34	29.46	28.30	4.20	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.08	0.10	12.89	ppb
Molybdenum	95-1	0.19	0.15	0.20	0.18	15.31	ppb
Molybdenum	96-1	0.16	0.17	0.15	0.16	6.69	ppb
Molybdenum	97-1	0.18	0.19	0.20	0.19	5.88	ppb
Molybdenum	98-1	0.19	0.17	0.24	0.20	17.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.43	1.43	1.37	7.60	ppb
Phosphorus	31-2	24.54	25.30	26.14	25.33	3.18	ppb
Potassium	39-2	19.71	30.74	12.53	20.99	43.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	9.37	0.00	0.00	3.12	173.21	ppb
Selenium	78-2	0.08	0.08	1.65	0.60	150.48	ppb
Selenium	82-1	0.27	0.05	0.44	0.25	78.78	ppb
Silicon	28-1	41.57	41.34	50.06	44.32	11.21	ppb
Silver	109-1	0.20	0.22	0.23	0.22	5.62	ppb
Silver	107-1	0.25	0.21	0.24	0.23	7.32	ppb
Sodium	23-2	12.83	18.80	17.13	16.25	18.96	ppb
Strontium	86-1	3.24	3.37	3.31	3.31	1.96	ppb
Strontium	88-1	3.40	3.42	3.42	3.42	0.35	ppb
Sulfur	34-1	-1431.19	-1328.58	-651.49	-1137.09		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.03	0.01	0.02	53.99	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	51.35	ppb
Tin	118-1	0.96	0.84	0.85	0.88	7.55	ppb
Titanium	47-1	14.49	14.52	14.68	14.56	0.70	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.44	ppb
Vanadium	51-2	1.81	2.02	1.96	1.93	5.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	31.51	36.27	34.28	34.02	7.02	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	34.36	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.05	0.05	16.96	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50115.30	50478.91	49843.78	50146.00	0.64	ppb
Antimony	121-1	508.52	504.81	500.91	504.75	0.75	ppb
Arsenic	75-2	492.47	498.14	495.20	495.27	0.57	ppb
Barium	135-1	2570.99	2591.16	2558.96	2573.70	0.63	ppb
Barium	137-1	2555.28	2560.04	2549.50	2554.94	0.21	ppb
Beryllium	9-1	513.88	503.39	500.95	506.08	1.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				89		%
Boron	10-1	497.31	485.39	505.61	496.10	2.05	ppb
Boron	11-1	496.45	495.28	510.33	500.69	1.67	ppb
Cadmium	111-1	481.58	482.24	478.05	480.62	0.47	ppb
Cadmium	106-1	500.57	493.68	487.29	493.85	1.34	ppb
Cadmium	108-1	491.33	496.31	488.70	492.11	0.78	ppb
Calcium	43-1	245011.99	241992.76	245452.48	244152.41	0.77	ppb
Calcium	44-1	244418.87	241366.66	244637.79	243474.44	0.75	ppb
Chromium	52-2	512.47	513.14	510.94	512.18	0.22	ppb
Cobalt	59-2	494.33	496.35	486.42	492.37	1.07	ppb
Copper	63-2	986.94	991.43	966.19	981.52	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	56-2	130068.08	130046.19	127686.10	129266.79	1.06	ppb
Iron	57-2	131692.37	131443.27	128780.66	130638.77	1.24	ppb
Lead	206-1	511.84	512.41	511.67	511.97	0.08	ppb
Lead	207-1	514.35	513.56	513.38	513.76	0.10	ppb
Lead	208-1	515.20	511.77	511.38	512.78	0.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	250322.94	253750.66	247127.53	250400.37	1.32	ppb
Manganese	55-2	1018.68	1023.78	1004.33	1015.60	0.99	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.24	513.65	510.11	513.00	0.51	ppb
Molybdenum	95-1	514.25	514.50	513.86	514.20	0.06	ppb
Molybdenum	96-1	519.23	514.76	516.17	516.72	0.44	ppb
Molybdenum	97-1	500.22	490.24	496.04	495.50	1.01	ppb
Molybdenum	98-1	512.96	504.94	510.49	509.46	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.40	507.26	498.52	503.73	0.91	ppb
Phosphorus	31-2	9965.12	10511.43	9419.44	9965.33	5.48	ppb
Potassium	39-2	127776.27	126771.69	127238.75	127262.24	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	77-2	531.18	563.55	493.84	529.53	6.59	ppb
Selenium	78-2	490.60	470.22	482.97	481.26	2.14	ppb
Selenium	82-1	492.97	484.91	487.71	488.53	0.84	ppb
Silicon	28-1	462.91	450.29	464.37	459.19	1.69	ppb
Silver	109-1	498.54	499.77	495.29	497.86	0.47	ppb
Silver	107-1	502.30	497.13	493.90	497.77	0.85	ppb
Sodium	23-2	252080.11	255813.08	248499.03	252130.74	1.45	ppb
Strontium	86-1	509.51	502.80	507.83	506.71	0.69	ppb
Strontium	88-1	527.92	516.32	519.30	521.18	1.16	ppb
Sulfur	34-1	10053.73	9387.75	9587.39	9676.29	3.53	ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	521.57	513.57	516.16	517.10	0.79	ppb
Thallium	205-1	510.10	506.08	506.49	507.56	0.44	ppb
Tin	118-1	515.52	518.28	511.56	515.12	0.66	ppb
Titanium	47-1	506.15	493.43	498.60	499.39	1.28	ppb
Uranium	238-1	525.27	521.70	518.55	521.84	0.64	ppb
Vanadium	51-2	513.70	516.19	502.39	510.76	1.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	997.50	996.24	984.65	992.80	0.71	ppb
Zirconium	90-1	518.32	507.18	504.22	509.91	1.46	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.37	512.73	514.75	512.95	0.33	ppb

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : CCB041 Instrumnet Name : P8
 Client Sample ID : CCB041 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 13:48:57 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.46	-5.46	0.34	-3.53		ppb
Antimony	121-1	0.24	0.27	0.29	0.27	9.23	ppb
Arsenic	75-2	0.02	0.02	-0.02	0.01	248.82	ppb
Barium	135-1	0.01	0.02	0.01	0.01	39.75	ppb
Barium	137-1	0.02	0.01	0.02	0.02	27.09	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	6.86	ppb
Bismuth	209-1				111		%
Bismuth	209-2				93		%
Boron	10-1	14.72	13.12	10.80	12.88	15.29	ppb
Boron	11-1	13.66	11.93	10.93	12.17	11.33	ppb
Cadmium	111-1	-0.01	-0.05	-0.10	-0.05		ppb
Cadmium	106-1	-0.37	-0.75	-1.56	-0.90		ppb
Cadmium	108-1	0.02	-0.02	0.05	0.02	204.17	ppb
Calcium	43-1	-47.03	-51.35	-43.70	-47.36		ppb
Calcium	44-1	-11.85	-12.89	-15.21	-13.32		ppb
Chromium	52-2	-0.05	0.00	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	51.70	ppb
Copper	63-2	0.09	0.10	0.06	0.08	23.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	2.11	1.75	1.44	1.77	18.98	ppb
Iron	57-2	0.09	0.88	0.86	0.61	74.14	ppb
Lead	206-1	0.17	0.15	0.16	0.16	7.15	ppb
Lead	207-1	0.14	0.12	0.16	0.14	13.64	ppb
Lead	208-1	0.16	0.14	0.15	0.15	8.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.59	2.51	2.79	2.63	5.29	ppb
Manganese	55-2	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:48:57	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.10	0.09	0.11	18.77	ppb
Molybdenum	95-1	0.35	0.28	0.28	0.30	12.84	ppb
Molybdenum	96-1	0.29	0.26	0.24	0.26	9.15	ppb
Molybdenum	97-1	0.37	0.28	0.30	0.32	14.27	ppb
Molybdenum	98-1	0.35	0.34	0.25	0.32	17.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	5.91	26.20	-14.95	5.72	359.61	ppb
Potassium	39-2	0.24	-9.17	-3.22	-4.05		ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	0.90	0.10	0.37	125.24	ppb
Selenium	82-1	0.08	-0.02	0.63	0.23	153.34	ppb
Silicon	28-1	-27.10	-30.02	-29.41	-28.84		ppb
Silver	109-1	0.04	0.04	0.03	0.03	16.50	ppb
Silver	107-1	0.04	0.05	0.04	0.04	10.90	ppb
Sodium	23-2	50.68	37.63	39.89	42.73	16.32	ppb
Strontium	86-1	-0.05	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.01	0.00	0.01	67.15	ppb
Sulfur	34-1	-1176.67	-1435.57	-1336.94	-1316.39		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.08	0.06	0.08	26.57	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	4.85	ppb
Tin	118-1	0.08	0.04	0.06	0.06	27.32	ppb
Titanium	47-1	0.02	0.03	-0.07	0.00		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	56.34	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	0.43	0.45	0.26	0.38	26.43	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	23.84	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:48:57	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	30.59	ppb

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:38:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	50	36	35.25	cps
Antimony	121-1	50	33	58	47	26.97	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	25	50	33	36	35.25	cps
Barium	137-1	33	58	83	58	42.86	cps
Beryllium	9-1	33	33	22	30	21.66	cps
Bismuth	209-1	5064973	5015838	4979016	5019942	0.86	cps
Bismuth	209-2	1472794	1463072	1476219	1470695	0.46	cps
Boron	10-1	100	92	50	81	33.26	cps
Boron	11-1	350	433	300	361	18.65	cps
Cadmium	111-1	1004	888	1148	1013	12.89	cps
Cadmium	106-1	1433	1258	1634	1442	13.02	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	2259	1867	2175	2100	9.83	cps
Calcium	44-1	19865	20049	19506	19806	1.39	cps
Chromium	52-2	677	817	807	767	10.19	cps
Cobalt	59-2	47	63	47	52	18.43	cps
Copper	63-2	110	87	120	106	16.20	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	8	33	33	75.02	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	7900647	7911030	7854907	7888861	0.38	cps
Holmium	165-2	1832286	1823145	1826707	1827380	0.25	cps
Indium	115-1	6651635	6703645	6705690	6686990	0.46	cps
Indium	115-2	323478	318935	321653	321355	0.71	cps
Iron	56-2	1411	1428	1372	1404	2.03	cps
Iron	57-2	44	67	61	57	20.14	cps
Lead	206-1	372	478	394	415	13.41	cps
Lead	207-1	406	389	344	380	8.32	cps
Lead	208-1	1783	1650	1506	1646	8.44	cps
Lithium	6-1	963899	952554	933579	950010	1.61	cps
Magnesium	24-2	83	108	92	94	13.48	cps
Manganese	55-2	23	13	23	20	28.87	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:38:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	267	117	178	44.30	cps
Molybdenum	95-1	25	25	17	22	21.64	cps
Molybdenum	96-1	125	67	108	100	30.05	cps
Molybdenum	97-1	17	25	33	25	33.32	cps
Molybdenum	98-1	83	25	25	44	75.78	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	73	33	56	36.66	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	3059	3201	3009	3089	3.22	cps
Rhodium	103-1	6213988	6277951	6226293	6239411	0.54	cps
Rhodium	103-2	1703517	1712986	1726329	1714278	0.67	cps
Scandium	45-1	3809684	3820626	3823251	3817854	0.19	cps
Scandium	45-2	34616	34800	34456	34624	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	25	-107	4	-26	-271.45	cps
Silicon	28-1	430765	426172	430194	429044	0.58	cps
Silver	109-1	67	58	17	47	56.72	cps
Silver	107-1	67	58	108	78	34.44	cps
Sodium	23-2	9512	9479	8778	9256	4.48	cps
Strontium	86-1	658	733	642	678	7.20	cps
Strontium	88-1	150	108	83	114	29.57	cps
Sulfur	34-1	377912	379245	377946	378368	0.20	cps
Terbium	159-1	8302089	8424960	8214187	8313745	1.27	cps
Terbium	159-2	1803046	1785365	1792050	1793487	0.50	cps
Thallium	203-1	67	33	25	42	52.92	cps
Thallium	205-1	183	250	158	197	24.03	cps
Tin	118-1	608	492	567	556	10.64	cps
Titanium	47-1	158	150	225	178	23.12	cps
Uranium	238-1	58	25	92	58	57.14	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	6860830	6930654	6744232	6845239	1.38	cps
Yttrium	89-2	235625	234587	235719	235310	0.27	cps
Zinc	66-2	40	33	37	37	9.10	cps
Zirconium	90-1	742	558	550	617	17.57	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:38:18	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	92	100	125	40.55	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	133	153	22.05	cps
Antimony	121-1	16119	16035	16311	16155	0.87	cps
Arsenic	75-2	76	89	100	88	13.65	cps
Barium	135-1	16127	16394	16653	16391	1.60	cps
Barium	137-1	28390	29893	29442	29242	2.64	cps
Beryllium	9-1	1139	1100	1039	1093	4.61	cps
Bismuth	209-1	4836919	4855756	4966464	4886379	1.43	cps
Bismuth	209-2	1432908	1439170	1437746	1436608	0.23	cps
Boron	10-1	2559	2959	2984	2834	8.42	cps
Boron	11-1	12414	13891	13991	13432	6.57	cps
Cadmium	111-1	2631	2742	2648	2674	2.22	cps
Cadmium	106-1	1317	1600	1417	1445	9.95	cps
Cadmium	108-1	142	154	146	147	4.32	cps
Calcium	43-1	9495	10354	10037	9962	4.36	cps
Calcium	44-1	151880	154855	154897	153877	1.12	cps
Chromium	52-2	2434	2440	2750	2541	7.12	cps
Cobalt	59-2	1817	1810	1770	1799	1.40	cps
Copper	63-2	3160	3297	3030	3163	4.22	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	108	58	75	81	31.60	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	7521955	7731253	7778511	7677240	1.78	cps
Holmium	165-2	1809759	1842849	1821952	1824853	0.92	cps
Indium	115-1	6437707	6594914	6508182	6513601	1.21	cps
Indium	115-2	314473	310484	318025	314328	1.20	cps
Iron	56-2	29955	28073	28496	28841	3.42	cps
Iron	57-2	933	795	861	863	8.05	cps
Lead	206-1	4818	5062	5435	5105	6.09	cps
Lead	207-1	4423	4862	4996	4760	6.29	cps
Lead	208-1	20329	21302	22097	21243	4.17	cps
Lithium	6-1	907403	924119	929394	920305	1.25	cps
Magnesium	24-2	14375	14091	14341	14269	1.09	cps
Manganese	55-2	250	293	250	264	9.46	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13040	14467	13941	13816	5.22	cps
Molybdenum	95-1	16486	16803	16686	16658	0.96	cps
Molybdenum	96-1	17812	18972	18430	18405	3.15	cps
Molybdenum	97-1	10121	10496	10938	10518	3.89	cps
Molybdenum	98-1	25834	26235	27012	26360	2.27	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	667	617	610	631	4.91	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	11739	11263	11789	11597	2.50	cps
Rhodium	103-1	6007214	6115369	6185158	6102580	1.47	cps
Rhodium	103-2	1711517	1698822	1682111	1697483	0.87	cps
Scandium	45-1	3676680	3658268	3723804	3686251	0.92	cps
Scandium	45-2	33724	34018	33410	33717	0.90	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	15	13	19	15	18.34	cps
Selenium	82-1	524	457	544	509	8.96	cps
Silicon	28-1	480363	486439	481799	482867	0.66	cps
Silver	109-1	8395	8345	8603	8447	1.62	cps
Silver	107-1	8778	8970	8995	8914	1.33	cps
Sodium	23-2	42606	43275	44228	43370	1.88	cps
Strontium	86-1	3017	3042	2800	2953	4.50	cps
Strontium	88-1	18989	18947	19072	19003	0.34	cps
Sulfur	34-1	383063	384394	386820	384759	0.50	cps
Terbium	159-1	7844899	8122926	8149734	8039186	2.10	cps
Terbium	159-2	1770629	1767765	1763514	1767303	0.20	cps
Thallium	203-1	5743	6127	5718	5863	3.91	cps
Thallium	205-1	13316	14042	14067	13808	3.09	cps
Tin	118-1	27413	28498	28406	28105	2.14	cps
Titanium	47-1	4268	4568	4559	4465	3.83	cps
Uranium	238-1	17388	17163	17972	17508	2.39	cps
Vanadium	51-2	3004	2890	2947	2947	1.92	cps
Yttrium	89-1	6738553	6793992	6870811	6801119	0.98	cps
Yttrium	89-2	231734	227502	231000	230078	0.98	cps
Zinc	66-2	330	327	320	326	1.56	cps
Zirconium	90-1	11614	11989	12106	11903	2.16	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:45:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2584	2842	2592	2673	5.50	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6410	6610	6260	6427	2.73	cps
Antimony	121-1	457026	458060	460975	458687	0.45	cps
Arsenic	75-2	5308	5234	5277	5273	0.71	cps
Barium	135-1	474556	477479	474042	475359	0.39	cps
Barium	137-1	824991	826111	830215	827106	0.33	cps
Beryllium	9-1	59317	59775	59674	59588	0.40	cps
Bismuth	209-1	5025503	5037150	5071265	5044639	0.47	cps
Bismuth	209-2	1424470	1434217	1421584	1426757	0.46	cps
Boron	10-1	6535	6835	6869	6746	2.72	cps
Boron	11-1	30183	31652	31302	31046	2.47	cps
Cadmium	111-1	100170	99250	99838	99753	0.47	cps
Cadmium	106-1	11781	11555	11414	11583	1.60	cps
Cadmium	108-1	6994	7090	7006	7030	0.74	cps
Calcium	43-1	96615	96791	95189	96198	0.91	cps
Calcium	44-1	1607601	1597727	1580697	1595342	0.85	cps
Chromium	52-2	45347	45631	45985	45654	0.70	cps
Cobalt	59-2	95437	95474	95155	95355	0.18	cps
Copper	63-2	167489	162733	166088	165437	1.48	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	67	0	28	124.89	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	7957340	8005053	7996242	7986211	0.32	cps
Holmium	165-2	1832062	1806071	1798582	1812238	0.97	cps
Indium	115-1	6652331	6730031	6657138	6679834	0.65	cps
Indium	115-2	307222	310107	308993	308774	0.47	cps
Iron	56-2	1566458	1565267	1542774	1558167	0.86	cps
Iron	57-2	38142	37323	39701	38389	3.15	cps
Lead	206-1	267735	265570	269176	267494	0.68	cps
Lead	207-1	243818	244157	241825	243267	0.52	cps
Lead	208-1	1085676	1087721	1089606	1087667	0.18	cps
Lithium	6-1	976668	961712	980690	973023	1.03	cps
Magnesium	24-2	159510	160212	162679	160800	1.04	cps
Manganese	55-2	25346	25430	25380	25386	0.17	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	354349	357619	356220	356063	0.46	cps
Molybdenum	95-1	188593	192048	190882	190508	0.92	cps
Molybdenum	96-1	244111	244823	244056	244330	0.18	cps
Molybdenum	97-1	117876	118095	119656	118543	0.82	cps
Molybdenum	98-1	307194	304838	307595	306542	0.49	cps
Neodymium	150-1	33	53	20	36	47.19	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	28412	28135	28870	28473	1.30	cps
Phosphorus	31-2	458	492	467	472	3.67	cps
Potassium	39-2	50667	48677	49906	49750	2.02	cps
Rhodium	103-1	6214450	6259412	6259663	6244508	0.42	cps
Rhodium	103-2	1687441	1687474	1675167	1683361	0.42	cps
Scandium	45-1	3789769	3854335	3828430	3824178	0.85	cps
Scandium	45-2	33584	33694	33189	33489	0.79	cps
Selenium	77-2	33	40	33	36	10.83	cps
Selenium	78-2	148	109	104	120	20.12	cps
Selenium	82-1	6160	6121	6045	6109	0.96	cps
Silicon	28-1	648114	650062	659645	652607	0.95	cps
Silver	109-1	465736	464363	460455	463518	0.59	cps
Silver	107-1	487286	484988	484381	485552	0.32	cps
Sodium	23-2	393712	390042	390520	391425	0.51	cps
Strontium	86-1	123622	121040	121411	122024	1.14	cps
Strontium	88-1	1062330	1056256	1055942	1058176	0.34	cps
Sulfur	34-1	420645	421471	415926	419347	0.71	cps
Terbium	159-1	8313098	8416194	8374410	8367901	0.62	cps
Terbium	159-2	1762723	1769343	1761740	1764602	0.23	cps
Thallium	203-1	328856	335946	330777	331859	1.11	cps
Thallium	205-1	793887	784616	794968	791157	0.72	cps
Tin	118-1	317258	317489	321081	318609	0.67	cps
Titanium	47-1	50141	50459	50785	50461	0.64	cps
Uranium	238-1	1026474	1026722	1036960	1030052	0.58	cps
Vanadium	51-2	33667	32672	32765	33035	1.66	cps
Yttrium	89-1	6949709	6997052	6932853	6959871	0.48	cps
Yttrium	89-2	227911	226624	226475	227004	0.35	cps
Zinc	66-2	14411	14731	15409	14850	3.43	cps
Zirconium	90-1	677186	682522	680541	680083	0.40	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:48:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	151317	150358	152244	151306	0.62	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 10:52:24 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17003	16927	16744	16891	0.79	cps
Antimony	121-1	1178920	1173414	1186870	1179735	0.57	cps
Arsenic	75-2	14002	13885	14042	13976	0.59	cps
Barium	135-1	1224436	1226260	1226963	1225887	0.11	cps
Barium	137-1	2171972	2160895	2187809	2173558	0.62	cps
Beryllium	9-1	149485	148754	149731	149323	0.34	cps
Bismuth	209-1	5202703	5186790	5200115	5196536	0.16	cps
Bismuth	209-2	1457274	1453895	1457990	1456386	0.15	cps
Boron	10-1	16018	17261	17244	16841	4.23	cps
Boron	11-1	77149	80702	81256	79702	2.80	cps
Cadmium	111-1	253908	255438	252761	254036	0.53	cps
Cadmium	106-1	26986	27404	27562	27317	1.09	cps
Cadmium	108-1	18334	18367	18392	18364	0.16	cps
Calcium	43-1	247741	249194	247113	248016	0.43	cps
Calcium	44-1	4026598	4011732	3995724	4011352	0.38	cps
Chromium	52-2	112934	113989	111157	112694	1.27	cps
Cobalt	59-2	241474	240679	236843	239665	1.03	cps
Copper	63-2	420185	419373	415424	418327	0.61	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	100	67	100	89	21.65	cps
Gadolinium	160-2	13	23	10	16	44.60	cps
Holmium	165-1	8162849	8196061	8204317	8187742	0.27	cps
Holmium	165-2	1839950	1840907	1818928	1833262	0.68	cps
Indium	115-1	6825260	6771653	6745479	6780797	0.60	cps
Indium	115-2	312834	309978	310300	311037	0.50	cps
Iron	56-2	3906537	3874113	3848333	3876328	0.75	cps
Iron	57-2	95911	96873	96728	96504	0.54	cps
Lead	206-1	697482	699623	695287	697464	0.31	cps
Lead	207-1	626479	632078	638275	632277	0.93	cps
Lead	208-1	2819096	2844916	2845710	2836574	0.53	cps
Lithium	6-1	1003879	1003283	987792	998318	0.91	cps
Magnesium	24-2	413149	408352	406751	409417	0.81	cps
Manganese	55-2	63668	64096	63142	63635	0.75	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:52:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	918962	919256	907224	915147	0.75	cps
Molybdenum	95-1	489197	494391	493022	492203	0.55	cps
Molybdenum	96-1	627265	626812	628324	627467	0.12	cps
Molybdenum	97-1	308012	306275	301672	305320	1.07	cps
Molybdenum	98-1	782353	782619	782337	782436	0.02	cps
Neodymium	150-1	80	67	73	73	9.09	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70561	70862	70695	70706	0.21	cps
Phosphorus	31-2	1417	1483	1125	1342	14.20	cps
Potassium	39-2	118285	119531	120178	119331	0.81	cps
Rhodium	103-1	6337450	6288860	6252544	6292951	0.68	cps
Rhodium	103-2	1689678	1707495	1695190	1697454	0.54	cps
Scandium	45-1	3864772	3895777	3850550	3870366	0.60	cps
Scandium	45-2	34332	34001	34372	34235	0.59	cps
Selenium	77-2	100	97	67	88	20.91	cps
Selenium	78-2	346	326	291	321	8.75	cps
Selenium	82-1	15631	15407	15376	15471	0.90	cps
Silicon	28-1	882928	1000874	1006272	963358	7.24	cps
Silver	109-1	1178031	1177901	1186177	1180703	0.40	cps
Silver	107-1	1238810	1249144	1238272	1242076	0.49	cps
Sodium	23-2	984495	975760	971669	977308	0.67	cps
Strontium	86-1	316710	314459	313154	314775	0.57	cps
Strontium	88-1	2778801	2763385	2757928	2766704	0.39	cps
Sulfur	34-1	465193	463380	466747	465106	0.36	cps
Terbium	159-1	8526614	8583484	8628819	8579639	0.60	cps
Terbium	159-2	1806547	1786883	1822225	1805218	0.98	cps
Thallium	203-1	858736	860330	858550	859205	0.11	cps
Thallium	205-1	2101010	2073555	2087606	2087390	0.66	cps
Tin	118-1	816212	815229	815117	815519	0.07	cps
Titanium	47-1	130025	129966	130082	130025	0.04	cps
Uranium	238-1	2833440	2727713	2746026	2769060	2.04	cps
Vanadium	51-2	84422	83892	83269	83861	0.69	cps
Yttrium	89-1	7130231	7150314	6972287	7084277	1.38	cps
Yttrium	89-2	229820	228655	229319	229264	0.25	cps
Zinc	66-2	37728	37561	37036	37442	0.96	cps
Zirconium	90-1	1783043	1769041	1779786	1777290	0.41	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:52:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	388687	387574	386370	387544	0.30	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 10:55:47 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33432	32121	32062	32538	2.38	cps
Antimony	121-1	2429438	2426838	2393814	2416697	0.82	cps
Arsenic	75-2	26813	26325	26629	26589	0.93	cps
Barium	135-1	2521967	2518972	2530127	2523689	0.23	cps
Barium	137-1	4428370	4366737	4389720	4394943	0.71	cps
Beryllium	9-1	297176	295977	297875	297009	0.32	cps
Bismuth	209-1	5278697	5326916	5329528	5311714	0.54	cps
Bismuth	209-2	1416307	1407462	1419148	1414306	0.43	cps
Boron	10-1	34100	35528	36598	35409	3.54	cps
Boron	11-1	163378	162992	165856	164075	0.95	cps
Cadmium	111-1	500814	502017	500475	501102	0.16	cps
Cadmium	106-1	52679	54219	52612	53170	1.71	cps
Cadmium	108-1	35844	35560	35894	35766	0.50	cps
Calcium	43-1	495328	500372	499283	498328	0.53	cps
Calcium	44-1	8092358	8049822	7953377	8031852	0.89	cps
Chromium	52-2	216596	217641	218240	217492	0.38	cps
Cobalt	59-2	465117	461387	462445	462983	0.42	cps
Copper	63-2	819051	814768	816704	816841	0.26	cps
Dysprosium	156-1	42	67	42	50	28.87	cps
Dysprosium	156-2	10	0	20	10	100.00	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	158	42	92	97	60.20	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	8364624	8258941	8344467	8322677	0.67	cps
Holmium	165-2	1812594	1800009	1810048	1807551	0.37	cps
Indium	115-1	6814959	6760321	6766453	6780578	0.44	cps
Indium	115-2	300469	296763	296802	298011	0.71	cps
Iron	56-2	7619423	7527396	7524443	7557087	0.71	cps
Iron	57-2	192754	192343	191582	192226	0.31	cps
Lead	206-1	1397701	1403600	1404689	1401997	0.27	cps
Lead	207-1	1268815	1270272	1283464	1274184	0.63	cps
Lead	208-1	5779236	5803917	5813402	5798852	0.30	cps
Lithium	6-1	1023659	1014589	1022196	1020148	0.48	cps
Magnesium	24-2	800091	786938	789888	792305	0.87	cps
Manganese	55-2	125282	123577	123140	124000	0.91	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:55:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1918906	1886074	1878862	1894614	1.13	cps
Molybdenum	95-1	990672	989170	994118	991320	0.26	cps
Molybdenum	96-1	1272090	1262701	1275239	1270010	0.51	cps
Molybdenum	97-1	618782	615980	604028	612930	1.28	cps
Molybdenum	98-1	1625510	1631261	1624821	1627197	0.22	cps
Neodymium	150-1	147	120	127	131	10.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	136134	135775	136255	136055	0.18	cps
Phosphorus	31-2	2617	2342	2259	2406	7.80	cps
Potassium	39-2	230685	230034	229820	230180	0.20	cps
Rhodium	103-1	6246177	6283361	6160027	6229855	1.02	cps
Rhodium	103-2	1678644	1671136	1630557	1660112	1.56	cps
Scandium	45-1	3870258	3891605	3875742	3879202	0.29	cps
Scandium	45-2	32671	33514	32571	32919	1.57	cps
Selenium	77-2	173	233	183	197	16.34	cps
Selenium	78-2	615	580	689	628	8.88	cps
Selenium	82-1	30737	30192	31207	30712	1.65	cps
Silicon	28-1	1295749	1292666	1300586	1296334	0.31	cps
Silver	109-1	2431708	2405273	2399271	2412084	0.72	cps
Silver	107-1	2490849	2504477	2462452	2485926	0.86	cps
Sodium	23-2	1948128	1924100	1914221	1928817	0.90	cps
Strontium	86-1	630429	628992	629767	629729	0.11	cps
Strontium	88-1	5511373	5507040	5487151	5501855	0.23	cps
Sulfur	34-1	532122	522787	523656	526189	0.98	cps
Terbium	159-1	8660036	8745968	8724284	8710096	0.51	cps
Terbium	159-2	1737646	1768224	1761527	1755799	0.92	cps
Thallium	203-1	1790744	1759674	1779301	1776573	0.88	cps
Thallium	205-1	4187430	4179630	4222096	4196385	0.54	cps
Tin	118-1	1689181	1677935	1671587	1679568	0.53	cps
Titanium	47-1	263834	257961	257588	259794	1.35	cps
Uranium	238-1	5611435	5674588	5766569	5684197	1.37	cps
Vanadium	51-2	160301	160551	160335	160396	0.08	cps
Yttrium	89-1	7076385	7046037	7031626	7051349	0.32	cps
Yttrium	89-2	223354	222161	220696	222070	0.60	cps
Zinc	66-2	72716	73322	72776	72938	0.46	cps
Zirconium	90-1	3581053	3615892	3569764	3588903	0.67	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:55:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783640	783323	783823	783595	0.03	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 10:59:06 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59216	58698	56965	58293	2.02	cps
Antimony	121-1	4544059	4640090	4742433	4642194	2.14	cps
Arsenic	75-2	51094	51042	51020	51052	0.07	cps
Barium	135-1	4699498	4817195	4951424	4822706	2.61	cps
Barium	137-1	8145130	8392814	8501091	8346345	2.19	cps
Beryllium	9-1	554196	560593	569554	561448	1.37	cps
Bismuth	209-1	5309361	5395277	5514014	5406217	1.90	cps
Bismuth	209-2	1402144	1401058	1408024	1403742	0.27	cps
Boron	10-1	65960	66346	66898	66401	0.71	cps
Boron	11-1	302734	304647	315039	307473	2.15	cps
Cadmium	111-1	951975	964198	989943	968705	2.00	cps
Cadmium	106-1	101969	102101	103949	102673	1.08	cps
Cadmium	108-1	66706	68477	69537	68240	2.10	cps
Calcium	43-1	909155	921243	951511	927303	2.35	cps
Calcium	44-1	14732587	15089774	15408300	15076887	2.24	cps
Chromium	52-2	411152	408491	410130	409924	0.33	cps
Cobalt	59-2	879066	879007	878598	878890	0.03	cps
Copper	63-2	1569788	1565192	1530072	1555017	1.40	cps
Dysprosium	156-1	83	92	83	86	5.58	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	83	108	75	89	19.52	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	8170638	8312122	8529664	8337474	2.17	cps
Holmium	165-2	1798663	1808658	1781792	1796371	0.76	cps
Indium	115-1	6438834	6439461	6655033	6511109	1.91	cps
Indium	115-2	282567	283054	282422	282681	0.12	cps
Iron	56-2	14065962	14020192	14040386	14042180	0.16	cps
Iron	57-2	357555	356914	351493	355321	0.94	cps
Lead	206-1	2880657	2934319	3025056	2946677	2.48	cps
Lead	207-1	2604670	2651024	2710091	2655262	1.99	cps
Lead	208-1	11620638	11883799	12230923	11911786	2.57	cps
Lithium	6-1	1001881	1013808	1038328	1018006	1.83	cps
Magnesium	24-2	1479619	1464135	1457630	1467128	0.77	cps
Manganese	55-2	231956	232269	228196	230807	0.98	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:59:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3464757	3568829	3583182	3538923	1.83	cps
Molybdenum	95-1	1893566	1932779	1995092	1940479	2.64	cps
Molybdenum	96-1	2392924	2474219	2504309	2457151	2.35	cps
Molybdenum	97-1	1133797	1160359	1194235	1162797	2.61	cps
Molybdenum	98-1	3016455	3058026	3132304	3068928	1.91	cps
Neodymium	150-1	247	180	200	209	16.38	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	260116	263047	259215	260792	0.77	cps
Phosphorus	31-2	4276	4284	4276	4279	0.11	cps
Potassium	39-2	405772	409586	401967	405775	0.94	cps
Rhodium	103-1	5883566	6009022	6169708	6020765	2.38	cps
Rhodium	103-2	1601374	1613668	1650238	1621760	1.57	cps
Scandium	45-1	3655256	3667513	3779349	3700706	1.85	cps
Scandium	45-2	31028	30998	30881	30969	0.25	cps
Selenium	77-2	377	330	370	359	7.03	cps
Selenium	78-2	1139	1209	1220	1190	3.71	cps
Selenium	82-1	58175	58096	60293	58855	2.12	cps
Silicon	28-1	2038945	2052060	2061676	2050893	0.56	cps
Silver	109-1	4481788	4638723	4680944	4600485	2.28	cps
Silver	107-1	4734546	4775924	4916429	4808966	1.98	cps
Sodium	23-2	3453157	3456800	3422449	3444135	0.55	cps
Strontium	86-1	1178811	1186654	1214375	1193280	1.57	cps
Strontium	88-1	10200891	10210630	10648448	10353323	2.47	cps
Sulfur	34-1	617284	619575	629366	622075	1.03	cps
Terbium	159-1	8513837	8703206	8875850	8697631	2.08	cps
Terbium	159-2	1748077	1770245	1738623	1752315	0.93	cps
Thallium	203-1	3531124	3626336	3704786	3620749	2.40	cps
Thallium	205-1	8256871	8487544	8642574	8462330	2.29	cps
Tin	118-1	3117580	3170473	3275677	3187910	2.52	cps
Titanium	47-1	475108	479182	493052	482447	1.95	cps
Uranium	238-1	11345311	11506818	11870176	11574102	2.32	cps
Vanadium	51-2	303480	304427	300564	302824	0.66	cps
Yttrium	89-1	6668900	6776404	7025073	6823459	2.68	cps
Yttrium	89-2	213085	212678	212002	212588	0.26	cps
Zinc	66-2	137661	137032	138254	137649	0.44	cps
Zirconium	90-1	6570732	6647045	6856075	6691284	2.21	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 10:59:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1471202	1486816	1535551	1497856	2.24	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:02:22 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112930	111863	112745	112512	0.51	cps
Antimony	121-1	9682269	9527417	9594341	9601343	0.81	cps
Arsenic	75-2	99374	99247	99835	99485	0.31	cps
Barium	135-1	10021254	9883954	9900637	9935282	0.75	cps
Barium	137-1	17540149	17375634	17486986	17467590	0.48	cps
Beryllium	9-1	1156123	1130350	1140818	1142430	1.13	cps
Bismuth	209-1	5799023	5692760	5731776	5741186	0.94	cps
Bismuth	209-2	1368372	1390610	1389195	1382726	0.90	cps
Boron	10-1	131514	134011	136427	133984	1.83	cps
Boron	11-1	612868	624325	635428	624207	1.81	cps
Cadmium	111-1	2066732	2041877	2063959	2057523	0.66	cps
Cadmium	106-1	205857	207371	206948	206725	0.38	cps
Cadmium	108-1	141571	139656	140275	140501	0.70	cps
Calcium	43-1	1954886	1913849	1945749	1938161	1.11	cps
Calcium	44-1	31159532	31205958	31074561	31146684	0.21	cps
Chromium	52-2	796687	800306	801392	799462	0.31	cps
Cobalt	59-2	1765519	1762230	1763420	1763723	0.09	cps
Copper	63-2	3070360	3013652	3017155	3033722	1.05	cps
Dysprosium	156-1	192	150	183	175	12.60	cps
Dysprosium	156-2	7	20	7	11	69.25	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	108	175	108	131	29.48	cps
Gadolinium	160-2	33	43	40	39	13.09	cps
Holmium	165-1	8866500	8873200	8930158	8889953	0.39	cps
Holmium	165-2	1790582	1807769	1782695	1793682	0.71	cps
Indium	115-1	6779706	6751983	6682186	6737958	0.75	cps
Indium	115-2	268377	272804	270804	270662	0.82	cps
Iron	56-2	27533700	27429569	27383478	27448916	0.28	cps
Iron	57-2	697129	694807	687610	693182	0.72	cps
Lead	206-1	6179824	6129553	6122570	6143982	0.51	cps
Lead	207-1	5569689	5551493	5587141	5569441	0.32	cps
Lead	208-1	25018573	24865908	24971063	24951848	0.31	cps
Lithium	6-1	1053781	1055867	1053863	1054504	0.11	cps
Magnesium	24-2	2803585	2784724	2793383	2793897	0.34	cps
Manganese	55-2	448737	448700	451474	449637	0.35	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:02:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7308007	7304030	7283995	7298677	0.18	cps
Molybdenum	95-1	3985968	3997634	3997674	3993759	0.17	cps
Molybdenum	96-1	5002627	4997032	5075934	5025198	0.88	cps
Molybdenum	97-1	2485415	2483638	2445891	2471648	0.90	cps
Molybdenum	98-1	6362110	6266728	6325554	6318131	0.76	cps
Neodymium	150-1	447	340	387	391	13.67	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	506839	502081	502292	503737	0.53	cps
Phosphorus	31-2	8528	8111	7978	8205	3.50	cps
Potassium	39-2	776224	782723	781795	780248	0.45	cps
Rhodium	103-1	6208491	6200829	6175844	6195055	0.28	cps
Rhodium	103-2	1572256	1621929	1588971	1594386	1.59	cps
Scandium	45-1	3880249	3807992	3862601	3850281	0.98	cps
Scandium	45-2	30537	30326	31024	30629	1.17	cps
Selenium	77-2	737	697	673	702	4.56	cps
Selenium	78-2	2424	2413	2254	2364	4.03	cps
Selenium	82-1	120793	121255	122269	121439	0.62	cps
Silicon	28-1	3725309	3705071	3777037	3735806	0.99	cps
Silver	109-1	9506022	9391595	9330960	9409526	0.94	cps
Silver	107-1	9692781	9792192	9695149	9726707	0.58	cps
Sodium	23-2	6590582	6627763	6529255	6582533	0.76	cps
Strontium	86-1	2531531	2522814	2504940	2519762	0.54	cps
Strontium	88-1	21309594	21437527	21418509	21388543	0.32	cps
Sulfur	34-1	902250	898218	917560	906009	1.13	cps
Terbium	159-1	9210066	9279075	9234707	9241283	0.38	cps
Terbium	159-2	1737086	1761759	1739442	1746095	0.78	cps
Thallium	203-1	7519664	7554038	7465089	7512930	0.60	cps
Thallium	205-1	18044144	17900625	17837157	17927309	0.59	cps
Tin	118-1	6571953	6500965	6566727	6546548	0.60	cps
Titanium	47-1	994367	999232	994936	996179	0.27	cps
Uranium	238-1	24916916	24812085	24767406	24832136	0.31	cps
Vanadium	51-2	593698	593907	593224	593610	0.06	cps
Yttrium	89-1	7129775	7166012	7168279	7154689	0.30	cps
Yttrium	89-2	207600	209539	208918	208685	0.47	cps
Zinc	66-2	266414	268168	264241	266274	0.74	cps
Zirconium	90-1	13847847	14013251	14011741	13957613	0.68	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:02:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3122904	3117314	3150471	3130230	0.57	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	602376	613100	622740	612739	1.66	cps
Antimony	121-1	11105	11631	11322	11353	2.33	cps
Arsenic	75-2	35	43	37	38	10.06	cps
Barium	135-1	2684	2742	2509	2645	4.59	cps
Barium	137-1	4726	4451	4501	4559	3.21	cps
Beryllium	9-1	267	344	289	300	13.35	cps
Bismuth	209-1	5235668	5191212	5166312	5197730	0.68	cps
Bismuth	209-2	1302505	1313941	1312008	1309485	0.47	cps
Boron	10-1	5801	5101	4659	5187	11.10	cps
Boron	11-1	25473	24054	22393	23974	6.43	cps
Cadmium	111-1	1336	1333	1245	1305	3.96	cps
Cadmium	106-1	1734	1700	1617	1684	3.57	cps
Cadmium	108-1	46	33	17	32	45.80	cps
Calcium	43-1	9899115	9893803	9929111	9907343	0.19	cps
Calcium	44-1	161409654	160799066	161618345	161275688	0.26	cps
Chromium	52-2	12476	12409	12619	12501	0.86	cps
Cobalt	59-2	1870	1987	1994	1950	3.56	cps
Copper	63-2	3527	3467	3424	3473	1.49	cps
Dysprosium	156-1	75	58	50	61	20.83	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	67	100	100	89	21.65	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	108	75	100	94	18.37	cps
Gadolinium	160-2	20	27	23	23	14.29	cps
Holmium	165-1	8516297	8553387	8477139	8515608	0.45	cps
Holmium	165-2	1763245	1806623	1790543	1786804	1.23	cps
Indium	115-1	6502901	6481710	6613418	6532676	1.08	cps
Indium	115-2	279182	281195	280678	280351	0.37	cps
Iron	56-2	137360509	137186323	137637203	137394678	0.17	cps
Iron	57-2	3453529	3476687	3519598	3483271	0.96	cps
Lead	206-1	6780	6819	6735	6778	0.62	cps
Lead	207-1	5813	5663	5490	5655	2.85	cps
Lead	208-1	26639	26228	25894	26254	1.42	cps
Lithium	6-1	1023649	1024873	1039263	1029262	0.84	cps
Magnesium	24-2	14484472	14531251	14659814	14558513	0.62	cps
Manganese	55-2	1673	1817	1787	1759	4.30	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6802	6452	6935	6730	3.71	cps
Molybdenum	95-1	10705	11330	10671	10902	3.40	cps
Molybdenum	96-1	13290	13299	13049	13213	1.08	cps
Molybdenum	97-1	6352	6927	6502	6594	4.53	cps
Molybdenum	98-1	16853	16302	17162	16772	2.60	cps
Neodymium	150-1	133	107	60	100	37.12	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	5371	4934	5264	5190	4.39	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	4150701	4196826	4173546	4173691	0.55	cps
Rhodium	103-1	5885322	5807901	5850103	5847775	0.66	cps
Rhodium	103-2	1522229	1524401	1501669	1516100	0.83	cps
Scandium	45-1	3822893	3856489	3825237	3834873	0.49	cps
Scandium	45-2	31926	32524	31579	32010	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	26	124	-1	50	132.28	cps
Silicon	28-1	444063	445796	445996	445285	0.24	cps
Silver	109-1	1050	950	1050	1017	5.68	cps
Silver	107-1	1050	933	1025	1003	6.13	cps
Sodium	23-2	33989422	34185373	34602936	34259243	0.91	cps
Strontium	86-1	83615	84981	83873	84157	0.86	cps
Strontium	88-1	723999	725009	729145	726051	0.38	cps
Sulfur	34-1	360432	362464	364743	362546	0.59	cps
Terbium	159-1	8815131	8836925	8848030	8833362	0.19	cps
Terbium	159-2	1737062	1746988	1738389	1740813	0.31	cps
Thallium	203-1	2342	2575	2425	2448	4.83	cps
Thallium	205-1	6952	5935	5802	6230	10.10	cps
Tin	118-1	6819	6319	6318	6485	4.45	cps
Titanium	47-1	650	600	558	603	7.61	cps
Uranium	238-1	1800	1550	1759	1703	7.87	cps
Vanadium	51-2	117	110	147	124	15.70	cps
Yttrium	89-1	7006128	6965685	7062834	7011549	0.70	cps
Yttrium	89-2	215078	213453	216718	215083	0.76	cps
Zinc	66-2	663	707	667	679	3.55	cps
Zirconium	90-1	1967	1934	1759	1886	5.93	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:05:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	383	317	383	17.39	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:56:23 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3100	3209	3159	3156	1.72	cps
Antimony	121-1	1753423	1756394	1767799	1759205	0.43	cps
Arsenic	75-2	19581	19666	19610	19619	0.22	cps
Barium	135-1	179957	181049	183377	181461	0.96	cps
Barium	137-1	312645	317703	319931	316760	1.18	cps
Beryllium	9-1	112900	111764	111316	111994	0.73	cps
Bismuth	209-1	5221600	5308906	5318396	5282967	1.01	cps
Bismuth	209-2	1367053	1370351	1375703	1371036	0.32	cps
Boron	10-1	72525	74066	75222	73938	1.83	cps
Boron	11-1	342814	344325	346691	344610	0.57	cps
Cadmium	111-1	191369	191514	193891	192258	0.74	cps
Cadmium	106-1	32006	31254	31713	31658	1.20	cps
Cadmium	108-1	17733	16890	17432	17352	2.46	cps
Calcium	43-1	42122	41144	41563	41610	1.18	cps
Calcium	44-1	648617	649560	650614	649597	0.15	cps
Chromium	52-2	79743	80590	80929	80421	0.76	cps
Cobalt	59-2	175047	174564	174754	174788	0.14	cps
Copper	63-2	154046	152216	154018	153427	0.68	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	92	67	81	15.80	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	100	58	58	72	33.31	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8137492	8131758	8135770	8135007	0.04	cps
Holmium	165-2	1745488	1755069	1719865	1740141	1.05	cps
Indium	115-1	6517636	6546669	6552764	6539023	0.29	cps
Indium	115-2	284667	286306	284222	285065	0.39	cps
Iron	56-2	558168	551128	552458	553918	0.68	cps
Iron	57-2	14030	13557	13635	13740	1.84	cps
Lead	206-1	1077794	1081570	1094627	1084664	0.81	cps
Lead	207-1	946626	945784	954369	948927	0.50	cps
Lead	208-1	4422870	4421245	4462828	4435648	0.53	cps
Lithium	6-1	1056259	1048618	1055915	1053597	0.41	cps
Magnesium	24-2	34552	34961	34794	34769	0.59	cps
Manganese	55-2	23103	22869	23086	23019	0.57	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:56:23	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3561158	3572523	3514829	3549503	0.86	cps
Molybdenum	95-1	1962703	1952934	1943256	1952965	0.50	cps
Molybdenum	96-1	2478845	2462683	2473804	2471777	0.33	cps
Molybdenum	97-1	1158463	1156719	1165930	1160371	0.42	cps
Molybdenum	98-1	3063579	3065996	3105986	3078520	0.77	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	52057	51408	52385	51950	0.96	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	36573	36657	36365	36532	0.41	cps
Rhodium	103-1	6188953	6172718	6168882	6176851	0.17	cps
Rhodium	103-2	1651069	1664285	1646633	1653996	0.56	cps
Scandium	45-1	3796250	3773623	3813752	3794542	0.53	cps
Scandium	45-2	32017	31986	32237	32080	0.43	cps
Selenium	77-2	133	120	140	131	7.77	cps
Selenium	78-2	463	428	452	448	4.02	cps
Selenium	82-1	23033	22834	22735	22867	0.66	cps
Silicon	28-1	1982305	2014933	1992845	1996694	0.83	cps
Silver	109-1	876103	872120	877483	875235	0.32	cps
Silver	107-1	912662	916256	912723	913880	0.23	cps
Sodium	23-2	147961	147565	145571	147032	0.87	cps
Strontium	86-1	1185680	1198307	1203601	1195862	0.77	cps
Strontium	88-1	10520656	10491921	10434830	10482469	0.42	cps
Sulfur	34-1	379820	377089	375195	377368	0.62	cps
Terbium	159-1	8432864	8493890	8452073	8459609	0.37	cps
Terbium	159-2	1698610	1688801	1716366	1701259	0.82	cps
Thallium	203-1	1351787	1361986	1375563	1363112	0.88	cps
Thallium	205-1	3298626	3362023	3382175	3347608	1.30	cps
Tin	118-1	3195133	3201049	3225871	3207351	0.51	cps
Titanium	47-1	486392	490276	492780	489816	0.66	cps
Uranium	238-1	11805653	11907124	11956152	11889643	0.65	cps
Vanadium	51-2	59114	60266	60045	59808	1.02	cps
Yttrium	89-1	6893280	6894230	6915650	6901054	0.18	cps
Yttrium	89-2	213193	212773	211033	212333	0.54	cps
Zinc	66-2	27060	27237	26796	27031	0.82	cps
Zirconium	90-1	6693271	6640324	6736010	6689868	0.72	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:56:23	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1518520	1488787	1486553	1497953	1.19	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:59:47 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	33	44	43.31	cps
Antimony	121-1	1042	1017	933	997	5.69	cps
Arsenic	75-2	0	4	9	4	107.89	cps
Barium	135-1	75	17	25	39	81.12	cps
Barium	137-1	50	83	50	61	31.50	cps
Beryllium	9-1	83	44	61	63	30.99	cps
Bismuth	209-1	5327180	5368101	5373768	5356350	0.47	cps
Bismuth	209-2	1390937	1382543	1382543	1385341	0.35	cps
Boron	10-1	1450	1350	1242	1347	7.73	cps
Boron	11-1	6552	5701	5801	6018	7.72	cps
Cadmium	111-1	1035	987	1012	1011	2.39	cps
Cadmium	106-1	1475	1408	1442	1442	2.31	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	1625	1800	1592	1672	6.69	cps
Calcium	44-1	18838	18454	18112	18468	1.97	cps
Chromium	52-2	803	717	827	782	7.41	cps
Cobalt	59-2	43	47	20	37	39.63	cps
Copper	63-2	120	153	120	131	14.68	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	58	8	33	75.02	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	8282365	8137625	8236607	8218866	0.90	cps
Holmium	165-2	1748481	1729900	1738303	1738895	0.54	cps
Indium	115-1	6724365	6717545	6585392	6675767	1.17	cps
Indium	115-2	294340	290716	291685	292247	0.64	cps
Iron	56-2	1511	1628	1772	1637	7.99	cps
Iron	57-2	39	56	33	43	27.16	cps
Lead	206-1	567	656	639	620	7.62	cps
Lead	207-1	533	650	594	593	9.85	cps
Lead	208-1	2522	2917	2639	2693	7.53	cps
Lithium	6-1	1053514	1053430	1050563	1052502	0.16	cps
Magnesium	24-2	67	100	83	83	20.00	cps
Manganese	55-2	27	17	37	27	37.50	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 11:59:47 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	858	958	878	8.30	cps
Molybdenum	95-1	1092	1142	1042	1092	4.58	cps
Molybdenum	96-1	1125	1100	1083	1103	1.90	cps
Molybdenum	97-1	567	733	517	606	18.73	cps
Molybdenum	98-1	1992	1634	1500	1709	14.89	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	70	90	74	18.64	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	2850	2875	2600	2775	5.48	cps
Rhodium	103-1	6088691	6246386	6190103	6175060	1.29	cps
Rhodium	103-2	1665846	1658138	1647298	1657094	0.56	cps
Scandium	45-1	3759907	3795005	3778336	3777749	0.46	cps
Scandium	45-2	32317	31512	31739	31856	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	45	-67	-40	-21	-281.47	cps
Silicon	28-1	371764	369754	374046	371855	0.58	cps
Silver	109-1	108	117	92	106	12.06	cps
Silver	107-1	217	167	108	164	33.08	cps
Sodium	23-2	10379	9754	9470	9868	4.71	cps
Strontium	86-1	667	667	642	658	2.19	cps
Strontium	88-1	592	667	625	628	5.99	cps
Sulfur	34-1	378809	377420	375668	377299	0.42	cps
Terbium	159-1	8573126	8491977	8526889	8530664	0.48	cps
Terbium	159-2	1745137	1714113	1732436	1730562	0.90	cps
Thallium	203-1	325	375	342	347	7.33	cps
Thallium	205-1	800	600	725	708	14.26	cps
Tin	118-1	1142	1142	1475	1253	15.37	cps
Titanium	47-1	100	175	167	147	27.92	cps
Uranium	238-1	350	325	233	303	20.29	cps
Vanadium	51-2	0	7	13	7	99.98	cps
Yttrium	89-1	6928191	6846205	6879067	6884487	0.60	cps
Yttrium	89-2	219099	213309	215366	215925	1.36	cps
Zinc	66-2	97	83	93	91	7.61	cps
Zirconium	90-1	683	658	733	692	5.52	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 11:59:47	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	183	200	161	33.25	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:02:56	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531144	532465	537049	533553	0.58	cps
Antimony	121-1	10088	10947	10471	10502	4.10	cps
Arsenic	75-2	48	26	31	35	32.87	cps
Barium	135-1	2850	3025	2717	2864	5.40	cps
Barium	137-1	5251	5435	4568	5085	8.99	cps
Beryllium	9-1	356	322	356	344	5.59	cps
Bismuth	209-1	5321032	5403102	5351972	5358702	0.77	cps
Bismuth	209-2	1319816	1323960	1330901	1324892	0.42	cps
Boron	10-1	1000	933	767	900	13.36	cps
Boron	11-1	4234	4368	4134	4245	2.76	cps
Cadmium	111-1	1486	1559	1519	1522	2.40	cps
Cadmium	106-1	1283	1525	1350	1386	9.00	cps
Cadmium	108-1	988	917	954	953	3.72	cps
Calcium	43-1	1883155	1895285	1883461	1887300	0.37	cps
Calcium	44-1	30114332	30190963	30628278	30311191	0.91	cps
Chromium	52-2	16433	16263	16457	16384	0.64	cps
Cobalt	59-2	2024	2074	1980	2026	2.31	cps
Copper	63-2	11218	11415	11305	11313	0.87	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	117	67	75	86	31.10	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	8584399	8599356	8633112	8605623	0.29	cps
Holmium	165-2	1755368	1740630	1764895	1753631	0.70	cps
Indium	115-1	6675713	6674262	6676435	6675470	0.02	cps
Indium	115-2	277776	279725	279361	278954	0.37	cps
Iron	56-2	52783944	53543008	53503950	53276967	0.80	cps
Iron	57-2	1335525	1342087	1342255	1339956	0.29	cps
Lead	206-1	28828	28460	28471	28586	0.73	cps
Lead	207-1	22960	23144	22893	22999	0.56	cps
Lead	208-1	109564	109330	107757	108884	0.90	cps
Lithium	6-1	1024356	1034473	1020544	1026458	0.70	cps
Magnesium	24-2	2786533	2781350	2819940	2795941	0.75	cps
Manganese	55-2	1787	1887	1677	1783	5.89	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:02:56 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4096795	4179344	4163247	4146462	1.06	cps
Molybdenum	95-1	7290705	7281854	7376085	7316214	0.71	cps
Molybdenum	96-1	7653412	7701819	7845646	7733625	1.29	cps
Molybdenum	97-1	4448068	4508826	4500305	4485733	0.73	cps
Molybdenum	98-1	11599622	11685901	11814745	11700089	0.93	cps
Neodymium	150-1	40	47	7	31	68.88	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2757	2620	2920	2766	5.43	cps
Phosphorus	31-2	39933	39582	40392	39969	1.02	cps
Potassium	39-2	1600998	1586012	1610246	1599085	0.76	cps
Rhodium	103-1	6056869	6059901	6088021	6068264	0.28	cps
Rhodium	103-2	1580496	1582606	1596440	1586514	0.55	cps
Scandium	45-1	3763546	3781949	3802241	3782579	0.51	cps
Scandium	45-2	31064	31024	30456	30848	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-13	-51	-3	-22	-112.75	cps
Silicon	28-1	455541	449176	452925	452547	0.71	cps
Silver	109-1	1142	1292	1242	1225	6.24	cps
Silver	107-1	1217	1375	1308	1300	6.12	cps
Sodium	23-2	6501806	6560709	6589910	6550808	0.69	cps
Strontium	86-1	81510	81242	81519	81424	0.19	cps
Strontium	88-1	691195	699414	698813	696474	0.66	cps
Sulfur	34-1	2406866	2387113	2408955	2400978	0.50	cps
Terbium	159-1	8844611	8838651	8941791	8875018	0.65	cps
Terbium	159-2	1673819	1698131	1726459	1699470	1.55	cps
Thallium	203-1	542	583	742	622	16.96	cps
Thallium	205-1	1425	1584	1584	1531	5.97	cps
Tin	118-1	1900	1700	1750	1784	5.84	cps
Titanium	47-1	1919741	1899971	1934246	1917986	0.90	cps
Uranium	238-1	575	367	558	500	23.15	cps
Vanadium	51-2	73	77	97	82	15.35	cps
Yttrium	89-1	7013730	7027657	7054787	7032058	0.30	cps
Yttrium	89-2	209290	211883	210611	210595	0.62	cps
Zinc	66-2	1713	1537	1720	1657	6.28	cps
Zirconium	90-1	917	1042	1200	1053	13.49	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:02:56	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	317	250	261	19.50	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:06:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	549753	546631	553434	549939	0.62	cps
Antimony	121-1	186010	185667	187616	186431	0.56	cps
Arsenic	75-2	2008	1928	1991	1975	2.13	cps
Barium	135-1	41223	40931	41734	41296	0.98	cps
Barium	137-1	72264	71729	71008	71667	0.88	cps
Beryllium	9-1	22585	21917	22067	22190	1.58	cps
Bismuth	209-1	5253450	5305299	5251233	5269994	0.58	cps
Bismuth	209-2	1348978	1334271	1340716	1341322	0.55	cps
Boron	10-1	9120	8711	9328	9053	3.47	cps
Boron	11-1	41703	42188	41837	41909	0.60	cps
Cadmium	111-1	38459	39055	38547	38687	0.83	cps
Cadmium	106-1	6202	6252	6285	6246	0.67	cps
Cadmium	108-1	3809	3896	3826	3844	1.21	cps
Calcium	43-1	1912230	1925527	1907950	1915236	0.48	cps
Calcium	44-1	30431164	31053648	30634770	30706527	1.03	cps
Chromium	52-2	32645	32849	33123	32872	0.73	cps
Cobalt	59-2	36511	36672	36846	36676	0.46	cps
Copper	63-2	41769	41392	41646	41602	0.46	cps
Dysprosium	156-1	50	42	25	39	32.73	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	25	58	75	53	48.24	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	100	67	75	81	21.54	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	8467695	8488462	8543064	8499740	0.46	cps
Holmium	165-2	1781861	1770804	1779107	1777258	0.32	cps
Indium	115-1	6714712	6799094	6725507	6746438	0.68	cps
Indium	115-2	286771	283252	285419	285147	0.62	cps
Iron	56-2	55126721	54377011	54285733	54596488	0.85	cps
Iron	57-2	1385434	1406742	1381764	1391313	0.97	cps
Lead	206-1	138603	137925	138979	138502	0.39	cps
Lead	207-1	115554	116075	117500	116376	0.87	cps
Lead	208-1	537729	536233	537243	537068	0.14	cps
Lithium	6-1	1015456	989213	985093	996587	1.65	cps
Magnesium	24-2	2898153	2864746	2901449	2888116	0.70	cps
Manganese	55-2	6398	6215	6518	6377	2.40	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:06:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4649057	4653896	4654308	4652420	0.06	cps
Molybdenum	95-1	7597666	7680719	7696213	7658199	0.69	cps
Molybdenum	96-1	8059399	8181262	8205025	8148562	0.96	cps
Molybdenum	97-1	4697315	4731106	4743770	4724064	0.51	cps
Molybdenum	98-1	12048116	12289677	12258593	12198795	1.08	cps
Neodymium	150-1	67	53	80	67	19.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13073	13263	13006	13114	1.02	cps
Phosphorus	31-2	42415	41403	42507	42108	1.45	cps
Potassium	39-2	1696307	1690375	1684716	1690466	0.34	cps
Rhodium	103-1	6035616	6104361	6155511	6098496	0.99	cps
Rhodium	103-2	1618114	1586480	1613329	1605974	1.06	cps
Scandium	45-1	3883536	3882618	3881863	3882672	0.02	cps
Scandium	45-2	32261	31372	32000	31877	1.43	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	63	56	41	53	21.31	cps
Selenium	82-1	2177	2323	2187	2229	3.65	cps
Silicon	28-1	719565	721077	719243	719962	0.14	cps
Silver	109-1	167288	167816	166028	167044	0.55	cps
Silver	107-1	174153	173634	176203	174663	0.78	cps
Sodium	23-2	6739622	6763399	6778790	6760604	0.29	cps
Strontium	86-1	235253	232389	233828	233823	0.61	cps
Strontium	88-1	2056020	2072912	2056322	2061752	0.47	cps
Sulfur	34-1	2425703	2416094	2425740	2422513	0.23	cps
Terbium	159-1	8852913	8837101	8897621	8862545	0.35	cps
Terbium	159-2	1751894	1752962	1749915	1751590	0.09	cps
Thallium	203-1	138641	137117	135929	137229	0.99	cps
Thallium	205-1	326748	325596	325474	325939	0.22	cps
Tin	118-1	395403	399029	399707	398046	0.58	cps
Titanium	47-1	2012943	2019948	2000289	2011060	0.50	cps
Uranium	238-1	1391733	1392017	1384579	1389443	0.30	cps
Vanadium	51-2	12246	12085	11962	12098	1.18	cps
Yttrium	89-1	7175831	7163795	7113820	7151149	0.46	cps
Yttrium	89-2	218618	215773	218726	217705	0.77	cps
Zinc	66-2	4257	4317	4254	4276	0.83	cps
Zirconium	90-1	846941	847863	847218	847340	0.06	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:06:01	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	189771	189224	189712	189569	0.16	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311336	305610	310854	309267	1.03	cps
Antimony	121-1	4759922	4750428	4689482	4733277	0.81	cps
Arsenic	75-2	52291	51384	51693	51789	0.89	cps
Barium	135-1	5006188	4966777	4880321	4951095	1.30	cps
Barium	137-1	8593971	8574010	8542536	8570172	0.30	cps
Beryllium	9-1	567999	572178	575199	571792	0.63	cps
Bismuth	209-1	5318145	5343656	5313867	5325222	0.30	cps
Bismuth	209-2	1338174	1340120	1348695	1342330	0.42	cps
Boron	10-1	65082	66973	67852	66636	2.12	cps
Boron	11-1	304359	311881	321206	312482	2.70	cps
Cadmium	111-1	956462	964419	972690	964524	0.84	cps
Cadmium	106-1	100195	102564	101119	101293	1.18	cps
Cadmium	108-1	66484	68720	67083	67429	1.72	cps
Calcium	43-1	4825999	4849977	4861358	4845778	0.37	cps
Calcium	44-1	78198902	78363931	78514231	78359021	0.20	cps
Chromium	52-2	424460	424961	424021	424481	0.11	cps
Cobalt	59-2	876284	872839	877687	875603	0.28	cps
Copper	63-2	1504266	1492153	1497957	1498125	0.40	cps
Dysprosium	156-1	100	150	92	114	27.70	cps
Dysprosium	156-2	13	23	3	13	75.02	cps
Erbium	164-1	92	92	92	92	0.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	100	158	108	122	25.81	cps
Gadolinium	160-2	53	23	23	33	51.97	cps
Holmium	165-1	8595166	8554787	8544020	8564658	0.31	cps
Holmium	165-2	1808183	1786325	1818451	1804319	0.91	cps
Indium	115-1	6672493	6674707	6637908	6661703	0.31	cps
Indium	115-2	280249	280197	283289	281245	0.63	cps
Iron	56-2	68646863	68809539	68706263	68720888	0.12	cps
Iron	57-2	1771550	1754910	1766969	1764476	0.49	cps
Lead	206-1	2945567	2939707	2927526	2937600	0.31	cps
Lead	207-1	2680717	2670036	2647727	2666160	0.63	cps
Lead	208-1	11941099	11920548	11863243	11908297	0.34	cps
Lithium	6-1	1023251	1037138	1028636	1029675	0.68	cps
Magnesium	24-2	7349148	7236846	7370521	7318838	0.98	cps
Manganese	55-2	236667	239122	238204	237998	0.52	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3696326	3669875	3653014	3673072	0.59	cps
Molybdenum	95-1	2025806	2010350	2030622	2022259	0.52	cps
Molybdenum	96-1	2544402	2570815	2558479	2557899	0.52	cps
Molybdenum	97-1	1202072	1213827	1211847	1209249	0.52	cps
Molybdenum	98-1	3180543	3217329	3196582	3198151	0.58	cps
Neodymium	150-1	200	180	187	189	5.39	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	257091	257752	255526	256790	0.45	cps
Phosphorus	31-2	4117	4668	4476	4420	6.32	cps
Potassium	39-2	2141648	2128974	2122897	2131173	0.45	cps
Rhodium	103-1	6040551	6049656	6083056	6057754	0.37	cps
Rhodium	103-2	1583192	1578807	1561713	1574571	0.72	cps
Scandium	45-1	3927828	3873365	3880223	3893805	0.76	cps
Scandium	45-2	31836	32200	31900	31979	0.61	cps
Selenium	77-2	307	380	293	327	14.29	cps
Selenium	78-2	1248	1207	1185	1214	2.63	cps
Selenium	82-1	59548	59980	59592	59707	0.40	cps
Silicon	28-1	2029229	2065518	2083020	2059256	1.33	cps
Silver	109-1	4581138	4602337	4523054	4568843	0.90	cps
Silver	107-1	4669880	4723527	4711017	4701475	0.60	cps
Sodium	23-2	17169663	17158167	17219272	17182367	0.19	cps
Strontium	86-1	1257592	1267203	1275213	1266669	0.70	cps
Strontium	88-1	10940491	11030590	10992165	10987748	0.41	cps
Sulfur	34-1	618743	621421	626522	622228	0.64	cps
Terbium	159-1	8919833	8969622	8847206	8912220	0.69	cps
Terbium	159-2	1730781	1752421	1766005	1749736	1.02	cps
Thallium	203-1	3633976	3601533	3605853	3613787	0.49	cps
Thallium	205-1	8480086	8402541	8465797	8449474	0.49	cps
Tin	118-1	3256048	3256178	3254429	3255551	0.03	cps
Titanium	47-1	500858	500784	499463	500368	0.16	cps
Uranium	238-1	11710658	11743823	11723059	11725847	0.14	cps
Vanadium	51-2	315465	313404	315085	314652	0.35	cps
Yttrium	89-1	7125450	7117828	7168516	7137265	0.38	cps
Yttrium	89-2	217249	215288	217425	216654	0.55	cps
Zinc	66-2	134602	131779	135867	134082	1.56	cps
Zirconium	90-1	6989912	7033362	6980493	7001256	0.40	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:09:04	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1592014	1574160	1568865	1578346	0.77	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:12:05	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	2542	2809	2734	2695	5.10	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	25	58	42	42	40.00	cps
Barium	137-1	133	125	150	136	9.35	cps
Beryllium	9-1	150	161	206	172	17.07	cps
Bismuth	209-1	5563587	5603021	5545433	5570680	0.53	cps
Bismuth	209-2	1417317	1418493	1409305	1415038	0.35	cps
Boron	10-1	1892	2067	2009	1989	4.48	cps
Boron	11-1	9520	8861	8845	9075	4.24	cps
Cadmium	111-1	1113	1007	1012	1044	5.75	cps
Cadmium	106-1	1533	1383	1400	1439	5.71	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	1542	1442	1417	1467	4.51	cps
Calcium	44-1	19306	19197	19372	19292	0.46	cps
Chromium	52-2	647	687	740	691	6.78	cps
Cobalt	59-2	37	60	47	48	24.50	cps
Copper	63-2	233	217	193	214	9.37	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	8	58	83	50	76.38	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	8545187	8534886	8485440	8521837	0.37	cps
Holmium	165-2	1807875	1780808	1794550	1794411	0.75	cps
Indium	115-1	6885637	6903874	6816010	6868507	0.68	cps
Indium	115-2	293361	294966	294090	294139	0.27	cps
Iron	56-2	2428	2317	2445	2397	2.90	cps
Iron	57-2	33	56	44	44	25.01	cps
Lead	206-1	1333	1145	1200	1226	7.92	cps
Lead	207-1	1167	1195	1272	1211	4.52	cps
Lead	208-1	5356	5178	5095	5210	2.56	cps
Lithium	6-1	1059077	1076087	1057642	1064269	0.96	cps
Magnesium	24-2	183	192	150	175	12.60	cps
Manganese	55-2	23	20	13	19	26.96	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : CCB040 Instrumnet Name : P8
 Client Sample ID : CCB040 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:12:05 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2659	2592	2509	2586	2.91	cps
Molybdenum	95-1	4384	3917	3551	3951	10.57	cps
Molybdenum	96-1	4343	4301	4109	4251	2.93	cps
Molybdenum	97-1	2350	2517	2600	2489	5.12	cps
Molybdenum	98-1	6760	6335	6227	6441	4.38	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	37	53	52	28.78	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2942	3042	3217	3067	4.54	cps
Rhodium	103-1	6410699	6365183	6366710	6380864	0.41	cps
Rhodium	103-2	1695221	1698392	1679114	1690909	0.61	cps
Scandium	45-1	3911982	3898841	3873562	3894795	0.50	cps
Scandium	45-2	32063	32080	31445	31863	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-14	-1	13	-1	-2332.30	cps
Silicon	28-1	360619	359441	359618	359893	0.18	cps
Silver	109-1	492	433	542	489	11.09	cps
Silver	107-1	500	550	533	528	4.82	cps
Sodium	23-2	13649	12881	12181	12904	5.69	cps
Strontium	86-1	742	667	683	697	5.65	cps
Strontium	88-1	267	208	217	231	13.68	cps
Sulfur	34-1	356594	356567	356896	356686	0.05	cps
Terbium	159-1	8868988	8822389	8839278	8843552	0.27	cps
Terbium	159-2	1731187	1766558	1761274	1753006	1.09	cps
Thallium	203-1	867	925	675	822	15.91	cps
Thallium	205-1	2359	2150	1892	2134	10.96	cps
Tin	118-1	992	1075	992	1020	4.72	cps
Titanium	47-1	192	167	200	186	9.32	cps
Uranium	238-1	192	283	217	231	20.55	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	7055451	7111335	7040969	7069252	0.53	cps
Yttrium	89-2	216569	217734	215274	216526	0.57	cps
Zinc	66-2	40	20	47	36	39.03	cps
Zirconium	90-1	933	717	850	833	13.11	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:12:05	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	250	200	211	16.43	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	117	125	11.55	cps
Antimony	121-1	16803	17470	18046	17440	3.57	cps
Arsenic	75-2	83	102	91	92	10.13	cps
Barium	135-1	17295	17187	17679	17387	1.49	cps
Barium	137-1	30302	30445	30219	30322	0.38	cps
Beryllium	9-1	1150	1150	1061	1120	4.58	cps
Bismuth	209-1	5459684	5526464	5531701	5505950	0.73	cps
Bismuth	209-2	1391141	1383135	1385404	1386560	0.30	cps
Boron	10-1	3842	3942	3784	3856	2.08	cps
Boron	11-1	17128	17111	17403	17214	0.95	cps
Cadmium	111-1	2658	2760	2727	2715	1.93	cps
Cadmium	106-1	1617	1734	1625	1659	3.92	cps
Cadmium	108-1	142	100	146	129	19.62	cps
Calcium	43-1	9687	10187	10396	10090	3.61	cps
Calcium	44-1	158712	158377	159293	158794	0.29	cps
Chromium	52-2	2300	2367	2347	2338	1.46	cps
Cobalt	59-2	1667	1613	1697	1659	2.54	cps
Copper	63-2	2967	3170	3154	3097	3.65	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	58	83	108	83	30.00	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	8286298	8381702	8455305	8374435	1.01	cps
Holmium	165-2	1780682	1741049	1747111	1756281	1.22	cps
Indium	115-1	6792711	6824811	6800558	6806027	0.25	cps
Indium	115-2	287122	289426	287008	287852	0.47	cps
Iron	56-2	27043	27004	27116	27054	0.21	cps
Iron	57-2	739	650	867	752	14.49	cps
Lead	206-1	6035	5985	6241	6087	2.23	cps
Lead	207-1	5707	5813	5657	5726	1.39	cps
Lead	208-1	25288	25572	25261	25374	0.68	cps
Lithium	6-1	1054384	1059610	1043595	1052530	0.78	cps
Magnesium	24-2	13449	13307	13357	13371	0.54	cps
Manganese	55-2	277	273	220	257	12.39	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14892	15384	14775	15017	2.15	cps
Molybdenum	95-1	19131	18939	18255	18775	2.45	cps
Molybdenum	96-1	20833	21117	20608	20853	1.22	cps
Molybdenum	97-1	11213	11355	11497	11355	1.25	cps
Molybdenum	98-1	30761	30076	29475	30104	2.14	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	607	580	583	590	2.46	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	10021	10454	10771	10415	3.62	cps
Rhodium	103-1	6260645	6313239	6338537	6304140	0.63	cps
Rhodium	103-2	1649072	1658988	1668807	1658955	0.59	cps
Scandium	45-1	3822472	3815589	3864584	3834215	0.69	cps
Scandium	45-2	31395	31011	30393	30933	1.63	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	11	11	9	10	10.18	cps
Selenium	82-1	562	529	473	521	8.62	cps
Silicon	28-1	402383	404861	403631	403625	0.31	cps
Silver	109-1	8320	8678	8395	8464	2.23	cps
Silver	107-1	8812	8812	9295	8973	3.11	cps
Sodium	23-2	42606	41637	42749	42331	1.43	cps
Strontium	86-1	2750	2867	2717	2778	2.84	cps
Strontium	88-1	19323	19932	20107	19787	2.08	cps
Sulfur	34-1	356404	358425	352330	355720	0.87	cps
Terbium	159-1	8657056	8719424	8846601	8741027	1.11	cps
Terbium	159-2	1733572	1702163	1708481	1714739	0.97	cps
Thallium	203-1	6919	6811	6869	6866	0.79	cps
Thallium	205-1	16186	16762	16253	16400	1.92	cps
Tin	118-1	28915	29709	29057	29227	1.45	cps
Titanium	47-1	4184	4409	4493	4362	3.66	cps
Uranium	238-1	20434	20576	20142	20384	1.09	cps
Vanadium	51-2	2637	2700	2597	2645	1.97	cps
Yttrium	89-1	6997754	6988777	7009167	6998566	0.15	cps
Yttrium	89-2	211629	212976	211803	212136	0.35	cps
Zinc	66-2	400	390	323	371	11.23	cps
Zirconium	90-1	13057	12490	12690	12745	2.26	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:15:13	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2867	2917	2692	2825	4.18	cps

LB Number : LB90777 Operator : Jaswal
 Lab Sample ID : PB103122BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-11 12:18:22 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	475	433	408	439	7.67	cps
Arsenic	75-2	2	6	2	3	69.39	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	58	42	75	58	28.57	cps
Beryllium	9-1	111	78	56	81	34.31	cps
Bismuth	209-1	5511426	5374727	5408206	5431453	1.31	cps
Bismuth	209-2	1370595	1377254	1369871	1372573	0.30	cps
Boron	10-1	1000	733	617	783	25.09	cps
Boron	11-1	3801	3642	3834	3759	2.73	cps
Cadmium	111-1	879	882	825	862	3.73	cps
Cadmium	106-1	1250	1258	1167	1225	4.14	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	1342	1417	1292	1350	4.66	cps
Calcium	44-1	16727	17361	17637	17242	2.71	cps
Chromium	52-2	637	740	723	700	7.93	cps
Cobalt	59-2	40	30	37	36	14.32	cps
Copper	63-2	193	160	157	170	11.93	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	33	50	53	39.74	cps
Gadolinium	160-2	27	3	3	11	121.29	cps
Holmium	165-1	8361579	8186727	8257819	8268709	1.06	cps
Holmium	165-2	1730878	1727202	1727331	1728470	0.12	cps
Indium	115-1	6737467	6736521	6623020	6699002	0.98	cps
Indium	115-2	285654	287155	285743	286184	0.29	cps
Iron	56-2	1578	1361	1450	1463	7.44	cps
Iron	57-2	39	67	44	50	29.40	cps
Lead	206-1	806	845	833	828	2.42	cps
Lead	207-1	733	706	750	730	3.08	cps
Lead	208-1	3434	3161	3150	3248	4.94	cps
Lithium	6-1	1046339	1040761	1039119	1042073	0.36	cps
Magnesium	24-2	150	158	67	125	40.55	cps
Manganese	55-2	13	30	20	21	39.75	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:18:22	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	892	875	925	7.85	cps
Molybdenum	95-1	1242	1283	1542	1356	11.99	cps
Molybdenum	96-1	1442	1417	1342	1400	3.72	cps
Molybdenum	97-1	908	883	725	839	11.85	cps
Molybdenum	98-1	2284	2334	2017	2211	7.70	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	50	33	43	20.36	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2375	2692	2417	2495	6.90	cps
Rhodium	103-1	6264168	6219102	6174245	6219172	0.72	cps
Rhodium	103-2	1664659	1645403	1633367	1647810	0.96	cps
Scandium	45-1	3819271	3737744	3772027	3776347	1.08	cps
Scandium	45-2	31111	30674	30821	30869	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	17	31	-16	11	230.76	cps
Silicon	28-1	353508	348036	351285	350943	0.78	cps
Silver	109-1	292	308	225	275	16.04	cps
Silver	107-1	275	367	208	283	28.06	cps
Sodium	23-2	11163	11322	10871	11119	2.05	cps
Strontium	86-1	675	617	708	667	6.96	cps
Strontium	88-1	83	208	183	158	41.77	cps
Sulfur	34-1	358412	354098	354847	355786	0.65	cps
Terbium	159-1	8702436	8613733	8571289	8629153	0.78	cps
Terbium	159-2	1694599	1685628	1676288	1685505	0.54	cps
Thallium	203-1	467	367	425	419	11.98	cps
Thallium	205-1	950	1075	917	981	8.51	cps
Tin	118-1	608	575	592	592	2.82	cps
Titanium	47-1	133	150	175	153	13.73	cps
Uranium	238-1	67	75	67	69	6.93	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	6938327	6901842	6914294	6918154	0.27	cps
Yttrium	89-2	212025	211818	209513	211119	0.66	cps
Zinc	66-2	67	53	40	53	25.00	cps
Zirconium	90-1	433	483	517	478	8.78	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:18:22	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	83	100	97	13.09	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:21:32	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	250	242	242	3.45	cps
Antimony	121-1	33276	34705	33911	33964	2.11	cps
Arsenic	75-2	180	207	193	193	7.19	cps
Barium	135-1	35156	35356	35465	35326	0.44	cps
Barium	137-1	61561	61586	62373	61840	0.75	cps
Beryllium	9-1	2228	2100	2061	2130	4.09	cps
Bismuth	209-1	5419398	5394163	5416031	5409864	0.25	cps
Bismuth	209-2	1378315	1373070	1380080	1377155	0.26	cps
Boron	10-1	5893	6510	6618	6341	6.17	cps
Boron	11-1	29272	30182	29899	29784	1.56	cps
Cadmium	111-1	4744	4475	4465	4561	3.47	cps
Cadmium	106-1	1675	1692	1675	1681	0.57	cps
Cadmium	108-1	221	329	333	294	21.66	cps
Calcium	43-1	18621	19055	18930	18869	1.18	cps
Calcium	44-1	303204	301954	300096	301751	0.52	cps
Chromium	52-2	3951	4084	4014	4016	1.66	cps
Cobalt	59-2	3460	3507	3457	3475	0.80	cps
Copper	63-2	5898	5995	6272	6055	3.20	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	50	100	58	65.47	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	75	50	33	53	39.74	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	8236752	8210306	8311755	8252938	0.64	cps
Holmium	165-2	1762328	1744035	1763064	1756476	0.61	cps
Indium	115-1	6715698	6653377	6733856	6700977	0.63	cps
Indium	115-2	289037	284776	286455	286756	0.75	cps
Iron	56-2	218614	219024	218377	218672	0.15	cps
Iron	57-2	5624	5551	5207	5460	4.08	cps
Lead	206-1	11845	11339	11989	11724	2.91	cps
Lead	207-1	10355	10043	10549	10316	2.47	cps
Lead	208-1	46506	46736	47269	46837	0.83	cps
Lithium	6-1	1030401	1034079	1032083	1032188	0.18	cps
Magnesium	24-2	27761	27636	27536	27645	0.41	cps
Manganese	55-2	423	500	503	476	9.52	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:21:32	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30134	29625	29492	29750	1.14	cps
Molybdenum	95-1	35314	35840	36358	35837	1.46	cps
Molybdenum	96-1	39342	39693	38790	39275	1.16	cps
Molybdenum	97-1	21710	22152	22536	22133	1.87	cps
Molybdenum	98-1	57808	57992	56586	57462	1.33	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1083	1063	1063	1070	1.08	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	17837	18505	17420	17921	3.05	cps
Rhodium	103-1	6183946	6251990	6263572	6233169	0.69	cps
Rhodium	103-2	1656794	1624299	1663083	1648059	1.26	cps
Scandium	45-1	3834781	3796962	3833331	3821691	0.56	cps
Scandium	45-2	30968	31085	30891	30981	0.31	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	24	31	20	25	22.35	cps
Selenium	82-1	1153	1082	1135	1123	3.28	cps
Silicon	28-1	460590	457937	457731	458752	0.35	cps
Silver	109-1	17203	17370	17270	17281	0.49	cps
Silver	107-1	18054	18321	17904	18093	1.17	cps
Sodium	23-2	74671	74411	74998	74693	0.39	cps
Strontium	86-1	5068	5368	4984	5140	3.92	cps
Strontium	88-1	38363	38956	38689	38669	0.77	cps
Sulfur	34-1	350382	348973	350137	349830	0.22	cps
Terbium	159-1	8665820	8585903	8606960	8619561	0.48	cps
Terbium	159-2	1727627	1703041	1704197	1711622	0.81	cps
Thallium	203-1	13883	14192	13783	13953	1.53	cps
Thallium	205-1	32752	32192	33195	32713	1.54	cps
Tin	118-1	58035	57466	58822	58108	1.17	cps
Titanium	47-1	9387	9570	9045	9334	2.86	cps
Uranium	238-1	41144	41395	40643	41061	0.93	cps
Vanadium	51-2	5835	5508	5688	5677	2.88	cps
Yttrium	89-1	6862883	6883927	6919183	6888664	0.41	cps
Yttrium	89-2	212872	210632	213006	212170	0.63	cps
Zinc	66-2	587	577	550	571	3.32	cps
Zirconium	90-1	24940	24882	25316	25046	0.94	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	PB103122BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:21:32	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5543	5560	5827	5643	2.82	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1350	1400	1308	1353	3.39	cps
Antimony	121-1	5160	5326	5518	5335	3.36	cps
Arsenic	75-2	154	150	148	151	1.88	cps
Barium	135-1	110576	112920	110819	111438	1.16	cps
Barium	137-1	192210	195077	195891	194393	0.99	cps
Beryllium	9-1	56	72	50	59	19.51	cps
Bismuth	209-1	5717876	5638610	5599271	5651919	1.07	cps
Bismuth	209-2	1457305	1433587	1438527	1443140	0.87	cps
Boron	10-1	6352	6285	6593	6410	2.53	cps
Boron	11-1	28579	30066	29899	29515	2.76	cps
Cadmium	111-1	1165	1086	1046	1099	5.50	cps
Cadmium	106-1	1542	1400	1317	1420	8.01	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	593105	593261	589775	592047	0.33	cps
Calcium	44-1	9690882	9763185	9743716	9732594	0.38	cps
Chromium	52-2	1373	1383	1293	1350	3.65	cps
Cobalt	59-2	837	870	880	862	2.63	cps
Copper	63-2	5211	4938	5158	5102	2.84	cps
Dysprosium	156-1	850	758	725	778	8.32	cps
Dysprosium	156-2	143	177	143	154	12.46	cps
Erbium	164-1	708	683	658	683	3.66	cps
Erbium	164-2	150	157	150	152	2.53	cps
Gadolinium	160-1	1075	883	767	908	17.14	cps
Gadolinium	160-2	193	213	223	210	7.27	cps
Holmium	165-1	8999361	8940992	8950803	8963719	0.35	cps
Holmium	165-2	1908080	1867487	1869536	1881701	1.22	cps
Indium	115-1	7258865	7268257	7119790	7215638	1.15	cps
Indium	115-2	309981	308402	306259	308214	0.61	cps
Iron	56-2	482374	472419	479565	478119	1.07	cps
Iron	57-2	12056	12222	12117	12132	0.70	cps
Lead	206-1	14943	14481	14781	14735	1.59	cps
Lead	207-1	12156	12223	12401	12260	1.03	cps
Lead	208-1	57230	56779	56455	56821	0.68	cps
Lithium	6-1	1105534	1110497	1099775	1105269	0.49	cps
Magnesium	24-2	350956	345431	350721	349036	0.89	cps
Manganese	55-2	36013	35508	34997	35506	1.43	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3851	3509	3542	3634	5.19	cps
Molybdenum	95-1	5168	5110	4818	5032	3.73	cps
Molybdenum	96-1	5085	5059	5410	5185	3.77	cps
Molybdenum	97-1	3025	3059	3167	3084	2.40	cps
Molybdenum	98-1	7736	8153	7711	7866	3.16	cps
Neodymium	150-1	907	993	1067	989	8.10	cps
Neodymium	150-2	130	130	157	139	11.09	cps
Nickel	60-2	1053	1043	1110	1069	3.36	cps
Phosphorus	31-2	58	67	58	61	7.87	cps
Potassium	39-2	77406	76139	74782	76109	1.72	cps
Rhodium	103-1	6655559	6654399	6650039	6653333	0.04	cps
Rhodium	103-2	1784300	1763301	1752541	1766714	0.91	cps
Scandium	45-1	4104504	4088221	4123182	4105302	0.43	cps
Scandium	45-2	34372	34245	33674	34097	1.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	67	-4	-19	15	310.67	cps
Silicon	28-1	7295692	7101135	7287507	7228112	1.52	cps
Silver	109-1	2450	2909	3117	2825	12.07	cps
Silver	107-1	2559	2892	3034	2828	8.62	cps
Sodium	23-2	2737557	2727649	2731166	2732124	0.18	cps
Strontium	86-1	395457	392222	389643	392441	0.74	cps
Strontium	88-1	3479624	3446014	3443968	3456535	0.58	cps
Sulfur	34-1	607245	606888	607323	607152	0.04	cps
Terbium	159-1	9370570	9324147	9246802	9313840	0.67	cps
Terbium	159-2	1848621	1833214	1839781	1840539	0.42	cps
Thallium	203-1	833	858	833	842	1.72	cps
Thallium	205-1	2267	1917	2092	2092	8.37	cps
Tin	118-1	1634	1784	1775	1731	4.87	cps
Titanium	47-1	11780	11113	12406	11767	5.50	cps
Uranium	238-1	3542	3459	3617	3540	2.24	cps
Vanadium	51-2	1220	1233	1197	1217	1.53	cps
Yttrium	89-1	7534320	7463816	7544307	7514148	0.58	cps
Yttrium	89-2	232332	229295	229061	230229	0.79	cps
Zinc	66-2	1373	1553	1487	1471	6.19	cps
Zirconium	90-1	2050	2409	1892	2117	12.51	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12	Instrumnet Name :	P8
Client Sample ID :	MC0AB1	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:24:40	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	400	433	428	5.95	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1358	1242	1475	1358	8.59	cps
Antimony	121-1	5068	5001	5435	5168	4.52	cps
Arsenic	75-2	137	154	137	143	6.75	cps
Barium	135-1	112348	110778	111130	111419	0.74	cps
Barium	137-1	196158	195187	194593	195313	0.40	cps
Beryllium	9-1	78	78	94	83	11.55	cps
Bismuth	209-1	5803552	5674211	5769737	5749167	1.17	cps
Bismuth	209-2	1465541	1469109	1457589	1464080	0.40	cps
Boron	10-1	6602	6168	6127	6299	4.18	cps
Boron	11-1	29097	30149	30116	29788	2.01	cps
Cadmium	111-1	1257	1130	1161	1182	5.59	cps
Cadmium	106-1	1700	1417	1542	1553	9.15	cps
Cadmium	108-1	42	17	21	26	50.76	cps
Calcium	43-1	599296	596515	596869	597560	0.25	cps
Calcium	44-1	9859028	9803523	9812635	9825062	0.30	cps
Chromium	52-2	1313	1210	1387	1303	6.81	cps
Cobalt	59-2	953	857	827	879	7.53	cps
Copper	63-2	5414	4894	5008	5105	5.36	cps
Dysprosium	156-1	917	700	850	822	13.50	cps
Dysprosium	156-2	203	167	170	180	11.27	cps
Erbium	164-1	775	600	717	697	12.78	cps
Erbium	164-2	137	123	113	124	9.41	cps
Gadolinium	160-1	817	808	850	825	2.67	cps
Gadolinium	160-2	243	243	223	237	4.88	cps
Holmium	165-1	9073742	8988438	9035951	9032710	0.47	cps
Holmium	165-2	1920282	1897984	1886515	1901593	0.90	cps
Indium	115-1	7362105	7359044	7268687	7329945	0.72	cps
Indium	115-2	316392	311143	312751	313428	0.86	cps
Iron	56-2	484916	482382	482083	483127	0.32	cps
Iron	57-2	12150	11867	12311	12109	1.86	cps
Lead	206-1	13913	14269	13919	14034	1.45	cps
Lead	207-1	11578	11950	11611	11713	1.76	cps
Lead	208-1	55867	54825	54542	55078	1.27	cps
Lithium	6-1	1144863	1133194	1150564	1142874	0.77	cps
Magnesium	24-2	354138	352066	351352	352518	0.41	cps
Manganese	55-2	35652	35779	35171	35534	0.90	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259	3609	3651	3506	6.14	cps
Molybdenum	95-1	4918	5051	4568	4846	5.15	cps
Molybdenum	96-1	5060	5518	4876	5151	6.42	cps
Molybdenum	97-1	3101	3000	2942	3014	2.66	cps
Molybdenum	98-1	7936	7394	7853	7728	3.78	cps
Neodymium	150-1	947	913	1033	965	6.42	cps
Neodymium	150-2	130	127	150	136	9.31	cps
Nickel	60-2	1187	1073	1073	1111	5.89	cps
Phosphorus	31-2	42	67	50	53	24.12	cps
Potassium	39-2	76299	77019	77816	77045	0.98	cps
Rhodium	103-1	6728360	6669797	6711947	6703368	0.45	cps
Rhodium	103-2	1796691	1782578	1758333	1779201	1.09	cps
Scandium	45-1	4156881	4155808	4138804	4150498	0.24	cps
Scandium	45-2	34767	33984	34416	34389	1.14	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	56	4	52	37	76.52	cps
Silicon	28-1	7234291	7217614	7203356	7218421	0.21	cps
Silver	109-1	2542	2592	2592	2575	1.12	cps
Silver	107-1	2442	2942	2725	2703	9.28	cps
Sodium	23-2	2753768	2738082	2747022	2746291	0.29	cps
Strontium	86-1	396904	394312	394994	395403	0.34	cps
Strontium	88-1	3519262	3506193	3507176	3510877	0.21	cps
Sulfur	34-1	628892	628587	625814	627764	0.27	cps
Terbium	159-1	9482540	9383304	9309467	9391770	0.92	cps
Terbium	159-2	1870748	1862810	1881259	1871606	0.49	cps
Thallium	203-1	508	475	342	442	19.97	cps
Thallium	205-1	867	892	967	908	5.73	cps
Tin	118-1	1467	1625	1600	1564	5.44	cps
Titanium	47-1	11739	12022	12031	11931	1.39	cps
Uranium	238-1	3367	3326	3426	3373	1.49	cps
Vanadium	51-2	1217	1187	1180	1195	1.64	cps
Yttrium	89-1	7562342	7585513	7566133	7571329	0.16	cps
Yttrium	89-2	233051	231808	231885	232248	0.30	cps
Zinc	66-2	1390	1463	1493	1449	3.67	cps
Zirconium	90-1	1850	1950	1859	1886	2.94	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-16	Instrumnet Name :	P8
Client Sample ID :	MC0AB1D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:27:48	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	634	383	489	26.49	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	926	233	400	520	69.55	cps
Antimony	121-1	1025	1050	1167	1081	7.00	cps
Arsenic	75-2	20	33	19	24	33.52	cps
Barium	135-1	20993	20308	20208	20503	2.08	cps
Barium	137-1	36627	35215	34989	35611	2.49	cps
Beryllium	9-1	67	89	67	74	17.32	cps
Bismuth	209-1	5550741	5450302	5519945	5506996	0.93	cps
Bismuth	209-2	1414437	1416281	1412135	1414285	0.15	cps
Boron	10-1	1867	1617	1825	1770	7.57	cps
Boron	11-1	8470	8394	8194	8353	1.70	cps
Cadmium	111-1	1122	1118	974	1071	7.85	cps
Cadmium	106-1	1575	1550	1358	1495	7.93	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	110012	109786	108005	109268	1.01	cps
Calcium	44-1	1823258	1813741	1805213	1814071	0.50	cps
Chromium	52-2	820	817	937	858	7.97	cps
Cobalt	59-2	200	173	197	190	7.65	cps
Copper	63-2	1190	1053	1100	1115	6.23	cps
Dysprosium	156-1	167	133	175	158	13.93	cps
Dysprosium	156-2	43	57	40	47	18.90	cps
Erbium	164-1	108	167	133	136	21.50	cps
Erbium	164-2	13	43	7	21	92.51	cps
Gadolinium	160-1	142	175	150	156	11.15	cps
Gadolinium	160-2	67	30	43	47	39.77	cps
Holmium	165-1	8538909	8400125	8355945	8431660	1.13	cps
Holmium	165-2	1812506	1829794	1801299	1814533	0.79	cps
Indium	115-1	6972816	6943543	6965829	6960729	0.22	cps
Indium	115-2	299082	299360	296708	298384	0.49	cps
Iron	56-2	94280	90906	92756	92647	1.82	cps
Iron	57-2	2272	2350	2367	2330	2.16	cps
Lead	206-1	3195	3201	3250	3215	0.95	cps
Lead	207-1	2823	2706	2567	2699	4.74	cps
Lead	208-1	12914	12208	12197	12440	3.30	cps
Lithium	6-1	1066348	1066696	1055750	1062931	0.59	cps
Magnesium	24-2	63576	62295	63023	62965	1.02	cps
Manganese	55-2	6568	6738	6688	6665	1.31	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	975	1008	892	958	6.27	cps
Molybdenum	95-1	1267	1358	1208	1278	5.92	cps
Molybdenum	96-1	1192	1383	1717	1431	18.57	cps
Molybdenum	97-1	883	800	600	761	19.13	cps
Molybdenum	98-1	2009	2134	2325	2156	7.40	cps
Neodymium	150-1	153	374	133	220	60.57	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	233	223	237	231	3.00	cps
Phosphorus	31-2	8	17	33	19	65.47	cps
Potassium	39-2	15885	16435	15843	16054	2.06	cps
Rhodium	103-1	6413313	6336415	6418247	6389325	0.72	cps
Rhodium	103-2	1714032	1683861	1678046	1691980	1.14	cps
Scandium	45-1	3895210	3838327	3883622	3872386	0.78	cps
Scandium	45-2	32431	32200	32501	32377	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	19	16	45	27	59.56	cps
Silicon	28-1	1959205	1704209	1743985	1802466	7.61	cps
Silver	109-1	967	850	683	833	17.09	cps
Silver	107-1	958	883	975	939	5.20	cps
Sodium	23-2	488992	489802	483507	487434	0.70	cps
Strontium	86-1	72333	71068	72761	72054	1.22	cps
Strontium	88-1	626141	616049	622261	621484	0.82	cps
Sulfur	34-1	422686	419408	421340	421145	0.39	cps
Terbium	159-1	8964674	8868977	8835298	8889650	0.76	cps
Terbium	159-2	1748839	1751369	1759138	1753115	0.31	cps
Thallium	203-1	175	150	133	153	13.73	cps
Thallium	205-1	333	475	392	400	17.80	cps
Tin	118-1	758	4123	883	1921	99.26	cps
Titanium	47-1	3746	2617	2717	3027	20.65	cps
Uranium	238-1	808	683	667	720	10.76	cps
Vanadium	51-2	270	283	243	266	7.67	cps
Yttrium	89-1	7069298	7065626	7163666	7099530	0.78	cps
Yttrium	89-2	219895	218228	217824	218649	0.50	cps
Zinc	66-2	293	333	323	317	6.57	cps
Zirconium	90-1	833	825	908	856	5.36	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-12LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AB1L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:30:55	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	250	292	281	9.55	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12840	12806	13023	12890	0.91	cps
Antimony	121-1	981463	1024930	1037830	1014741	2.91	cps
Arsenic	75-2	4480	4667	4601	4583	2.07	cps
Barium	135-1	4144855	4389771	4416449	4317025	3.47	cps
Barium	137-1	7298947	7587860	7608727	7498511	2.31	cps
Beryllium	9-1	61135	65287	64160	63527	3.38	cps
Bismuth	209-1	5546367	5745939	5668938	5653748	1.78	cps
Bismuth	209-2	1465270	1467295	1458444	1463670	0.32	cps
Boron	10-1	650	625	592	622	4.70	cps
Boron	11-1	3134	3084	2909	3042	3.88	cps
Cadmium	111-1	105714	110600	110129	108814	2.48	cps
Cadmium	106-1	10788	11439	11380	11202	3.21	cps
Cadmium	108-1	6777	7310	7415	7167	4.77	cps
Calcium	43-1	2225	2284	1767	2092	13.53	cps
Calcium	44-1	28830	29499	29290	29206	1.17	cps
Chromium	52-2	190253	191018	192805	191359	0.68	cps
Cobalt	59-2	1042071	1035459	1039169	1038899	0.32	cps
Copper	63-2	453352	454993	455219	454521	0.22	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	50	42	19.99	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8539398	8820187	8768840	8709475	1.72	cps
Holmium	165-2	1878752	1863284	1861534	1867857	0.51	cps
Indium	115-1	6878157	7067060	7163024	7036081	2.06	cps
Indium	115-2	303739	304328	303158	303742	0.19	cps
Iron	56-2	646446	651166	643035	646883	0.63	cps
Iron	57-2	16499	16254	16532	16429	0.92	cps
Lead	206-1	120882	125334	124567	123594	1.93	cps
Lead	207-1	110640	115706	116010	114118	2.64	cps
Lead	208-1	493444	513326	513283	506684	2.26	cps
Lithium	6-1	1073864	1152771	1145996	1124210	3.89	cps
Magnesium	24-2	200	83	233	172	45.73	cps
Manganese	55-2	133433	133221	132226	132960	0.48	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	592	400	472	22.07	cps
Molybdenum	95-1	600	508	500	536	10.35	cps
Molybdenum	96-1	758	567	692	672	14.48	cps
Molybdenum	97-1	325	425	333	361	15.37	cps
Molybdenum	98-1	900	775	767	814	9.18	cps
Neodymium	150-1	140	140	173	151	12.73	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	309504	307711	305943	307719	0.58	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3009	3000	3317	3109	5.81	cps
Rhodium	103-1	6389196	6616180	6637380	6547585	2.10	cps
Rhodium	103-2	1770852	1774620	1767182	1770885	0.21	cps
Scandium	45-1	3830155	4031269	4049225	3970216	3.06	cps
Scandium	45-2	33667	33236	32792	33232	1.32	cps
Selenium	77-2	110	67	93	90	24.28	cps
Selenium	78-2	346	291	300	312	9.53	cps
Selenium	82-1	13074	13464	13392	13310	1.56	cps
Silicon	28-1	373614	378362	374740	375572	0.66	cps
Silver	109-1	464192	482735	484185	477037	2.34	cps
Silver	107-1	486831	501553	505196	497860	1.95	cps
Sodium	23-2	19255	19189	19013	19152	0.65	cps
Strontium	86-1	717	733	633	694	7.72	cps
Strontium	88-1	1850	1900	1817	1856	2.26	cps
Sulfur	34-1	358749	356581	353129	356153	0.80	cps
Terbium	159-1	8811909	9115161	9171119	9032730	2.14	cps
Terbium	159-2	1803130	1815547	1809811	1809496	0.34	cps
Thallium	203-1	371183	392995	393790	385989	3.32	cps
Thallium	205-1	890893	941917	933787	922199	2.97	cps
Tin	118-1	2200	2534	2350	2361	7.07	cps
Titanium	47-1	233	233	233	233	0.00	cps
Uranium	238-1	17	58	133	69	85.13	cps
Vanadium	51-2	349695	351204	354025	351641	0.63	cps
Yttrium	89-1	7070783	7357748	7328945	7252492	2.18	cps
Yttrium	89-2	225106	224859	224046	224670	0.25	cps
Zinc	66-2	80679	80274	82188	81047	1.24	cps
Zirconium	90-1	658	575	742	658	12.66	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5523-17	Instrumnet Name :	P8
Client Sample ID :	MC0AB1S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:34:02	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	225	197	17.59	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72736	75007	74027	73923	1.54	cps
Antimony	121-1	105078	104507	99528	103038	2.96	cps
Arsenic	75-2	1537	1604	1572	1571	2.12	cps
Barium	135-1	679559	685182	643102	669281	3.41	cps
Barium	137-1	1187488	1189156	1130318	1168987	2.87	cps
Beryllium	9-1	1283	1511	1478	1424	8.64	cps
Bismuth	209-1	5391814	5417625	5148290	5319243	2.79	cps
Bismuth	209-2	1360074	1364323	1376936	1367111	0.64	cps
Boron	10-1	2925	2975	2617	2839	6.84	cps
Boron	11-1	12039	12881	12206	12375	3.61	cps
Cadmium	111-1	5720	6121	5600	5814	4.69	cps
Cadmium	106-1	1975	2217	1892	2028	8.32	cps
Cadmium	108-1	525	533	458	506	8.13	cps
Calcium	43-1	1455688	1446859	1393378	1431975	2.35	cps
Calcium	44-1	23196656	23130235	22350348	22892413	2.06	cps
Chromium	52-2	60142	59914	60808	60288	0.77	cps
Cobalt	59-2	24388	24659	24215	24420	0.92	cps
Copper	63-2	246799	246962	249357	247706	0.58	cps
Dysprosium	156-1	26361	25501	24082	25314	4.55	cps
Dysprosium	156-2	5708	6025	5778	5837	2.85	cps
Erbium	164-1	25409	25250	24098	24919	2.87	cps
Erbium	164-2	4948	4921	4994	4954	0.75	cps
Gadolinium	160-1	25926	25977	25726	25877	0.51	cps
Gadolinium	160-2	6862	7162	6779	6934	2.91	cps
Holmium	165-1	8421226	8363446	7975741	8253471	2.94	cps
Holmium	165-2	1766921	1730188	1767469	1754860	1.22	cps
Indium	115-1	6711412	6740727	6358920	6603686	3.22	cps
Indium	115-2	280064	280388	279287	279913	0.20	cps
Iron	56-2	16385979	16265384	16421589	16357651	0.50	cps
Iron	57-2	408994	411053	410239	410095	0.25	cps
Lead	206-1	3825639	3905199	3623514	3784784	3.84	cps
Lead	207-1	3297045	3309901	3134967	3247305	3.00	cps
Lead	208-1	15136725	15327192	14321308	14928408	3.58	cps
Lithium	6-1	1065296	1071887	1034660	1057281	1.88	cps
Magnesium	24-2	391630	385340	383682	386884	1.08	cps
Manganese	55-2	241246	240746	240531	240841	0.15	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16361	16569	15593	16174	3.18	cps
Molybdenum	95-1	9487	10229	9462	9726	4.48	cps
Molybdenum	96-1	12740	12573	12173	12495	2.33	cps
Molybdenum	97-1	6593	6477	5702	6257	7.75	cps
Molybdenum	98-1	16294	16502	14867	15888	5.60	cps
Neodymium	150-1	38042	37026	36030	37033	2.72	cps
Neodymium	150-2	5031	4591	4934	4852	4.77	cps
Nickel	60-2	22195	21841	22615	22217	1.75	cps
Phosphorus	31-2	508	575	483	522	9.07	cps
Potassium	39-2	26576	26033	26209	26273	1.05	cps
Rhodium	103-1	6134572	6150159	5858811	6047847	2.71	cps
Rhodium	103-2	1635544	1638947	1643971	1639487	0.26	cps
Scandium	45-1	3800593	3814215	3655247	3756685	2.35	cps
Scandium	45-2	31058	31054	31191	31101	0.25	cps
Selenium	77-2	20	53	27	33	52.91	cps
Selenium	78-2	26	13	13	17	43.33	cps
Selenium	82-1	99	187	98	128	39.97	cps
Silicon	28-1	13775717	13881231	12842377	13499775	4.24	cps
Silver	109-1	8220	7844	7778	7947	3.00	cps
Silver	107-1	8420	8878	8553	8617	2.74	cps
Sodium	23-2	48868	47630	49194	48564	1.70	cps
Strontium	86-1	773894	764513	730361	756256	3.03	cps
Strontium	88-1	6776021	6733915	6411733	6640556	3.00	cps
Sulfur	34-1	377131	377638	366716	373828	1.65	cps
Terbium	159-1	8678663	8749629	8337872	8588721	2.56	cps
Terbium	159-2	1706412	1693511	1714336	1704753	0.62	cps
Thallium	203-1	1425	1267	1233	1308	7.83	cps
Thallium	205-1	3117	3192	2892	3067	5.09	cps
Tin	118-1	804333	802920	757120	788124	3.41	cps
Titanium	47-1	382625	381303	364998	376308	2.61	cps
Uranium	238-1	20201	20760	19316	20092	3.62	cps
Vanadium	51-2	18302	19000	18953	18752	2.08	cps
Yttrium	89-1	7276485	7335963	6932091	7181513	3.04	cps
Yttrium	89-2	220872	217517	218998	219129	0.77	cps
Zinc	66-2	173290	173118	173816	173408	0.21	cps
Zirconium	90-1	30561	31064	30158	30594	1.48	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:37:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7052	6577	6068	6566	7.49	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74462	73189	74270	73974	0.93	cps
Antimony	121-1	103306	104960	105876	104714	1.24	cps
Arsenic	75-2	1589	1650	1502	1580	4.71	cps
Barium	135-1	698239	693421	690757	694139	0.55	cps
Barium	137-1	1210321	1208817	1203017	1207385	0.32	cps
Beryllium	9-1	1267	1645	1361	1424	13.81	cps
Bismuth	209-1	5499479	5546463	5564905	5536949	0.61	cps
Bismuth	209-2	1363284	1357088	1359994	1360122	0.23	cps
Boron	10-1	2717	2842	2617	2725	4.14	cps
Boron	11-1	12981	12815	13090	12962	1.07	cps
Cadmium	111-1	5685	5769	5842	5765	1.36	cps
Cadmium	106-1	2067	2217	2159	2147	3.52	cps
Cadmium	108-1	542	608	588	579	5.89	cps
Calcium	43-1	1469483	1450992	1479443	1466639	0.98	cps
Calcium	44-1	23496656	23319028	23512355	23442679	0.46	cps
Chromium	52-2	61073	60326	61762	61054	1.18	cps
Cobalt	59-2	24545	24148	24856	24516	1.45	cps
Copper	63-2	246429	246809	245812	246350	0.20	cps
Dysprosium	156-1	26453	25977	26503	26311	1.10	cps
Dysprosium	156-2	5638	5651	5518	5602	1.31	cps
Erbium	164-1	25743	26161	24825	25576	2.67	cps
Erbium	164-2	4978	4694	4854	4842	2.93	cps
Gadolinium	160-1	26828	25567	26720	26372	2.65	cps
Gadolinium	160-2	7235	6992	6972	7066	2.08	cps
Holmium	165-1	8642968	8618834	8577299	8613034	0.39	cps
Holmium	165-2	1758726	1734754	1725476	1739652	0.99	cps
Indium	115-1	6803266	6801568	6804616	6803150	0.02	cps
Indium	115-2	280717	276508	278540	278588	0.76	cps
Iron	56-2	16177321	16124537	16056784	16119547	0.37	cps
Iron	57-2	403577	404593	403794	403988	0.13	cps
Lead	206-1	3891730	3914946	3879112	3895263	0.47	cps
Lead	207-1	3347653	3347192	3350843	3348563	0.06	cps
Lead	208-1	15411115	15363801	15286846	15353920	0.41	cps
Lithium	6-1	1057250	1080361	1067229	1068280	1.09	cps
Magnesium	24-2	386068	380629	381979	382892	0.74	cps
Manganese	55-2	237979	235735	234684	236133	0.71	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16494	17103	17654	17084	3.40	cps
Molybdenum	95-1	9887	9979	10096	9987	1.05	cps
Molybdenum	96-1	13416	12815	12440	12890	3.82	cps
Molybdenum	97-1	6177	6135	6093	6135	0.68	cps
Molybdenum	98-1	16519	15593	16327	16146	3.03	cps
Neodymium	150-1	38758	38290	38504	38517	0.61	cps
Neodymium	150-2	4811	4941	4821	4858	1.49	cps
Nickel	60-2	22001	21958	21877	21945	0.29	cps
Phosphorus	31-2	583	575	367	508	24.15	cps
Potassium	39-2	26668	25966	25616	26083	2.05	cps
Rhodium	103-1	6291787	6240982	6233580	6255450	0.51	cps
Rhodium	103-2	1611928	1617684	1621163	1616925	0.29	cps
Scandium	45-1	3823983	3878815	3837820	3846873	0.74	cps
Scandium	45-2	31288	30299	30720	30769	1.61	cps
Selenium	77-2	27	43	20	30	40.05	cps
Selenium	78-2	9	11	22	14	49.38	cps
Selenium	82-1	153	112	209	158	31.05	cps
Silicon	28-1	14372359	14767847	14246108	14462105	1.88	cps
Silver	109-1	7928	7969	8270	8056	2.32	cps
Silver	107-1	8028	8403	8144	8192	2.34	cps
Sodium	23-2	48007	47747	47087	47614	1.00	cps
Strontium	86-1	769000	766580	770616	768732	0.26	cps
Strontium	88-1	6767566	6735028	6730886	6744493	0.30	cps
Sulfur	34-1	375591	374361	374884	374945	0.16	cps
Terbium	159-1	9059589	8936656	8941989	8979411	0.77	cps
Terbium	159-2	1711939	1691786	1686619	1696781	0.79	cps
Thallium	203-1	1308	1200	1342	1283	5.77	cps
Thallium	205-1	2859	2784	2742	2795	2.12	cps
Tin	118-1	802860	800982	795770	799871	0.46	cps
Titanium	47-1	392089	394691	389465	392082	0.67	cps
Uranium	238-1	19733	20776	20393	20301	2.60	cps
Vanadium	51-2	18693	18756	18659	18703	0.26	cps
Yttrium	89-1	7417800	7357837	7415840	7397159	0.46	cps
Yttrium	89-2	221014	218701	219582	219766	0.53	cps
Zinc	66-2	174364	172946	172218	173176	0.63	cps
Zirconium	90-1	30686	30728	31823	31079	2.07	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01D	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:40:15	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7144	6652	6910	6902	3.57	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14742	15459	14550	14917	3.21	cps
Antimony	121-1	21819	21961	21844	21874	0.35	cps
Arsenic	75-2	335	304	304	314	5.78	cps
Barium	135-1	140717	139376	139143	139745	0.61	cps
Barium	137-1	243363	247580	242436	244460	1.12	cps
Beryllium	9-1	328	339	417	361	13.41	cps
Bismuth	209-1	5485903	5426073	5482871	5464949	0.62	cps
Bismuth	209-2	1365236	1371427	1370924	1369195	0.25	cps
Boron	10-1	1008	933	933	958	4.52	cps
Boron	11-1	4276	4234	4359	4290	1.48	cps
Cadmium	111-1	1850	2037	2014	1967	5.18	cps
Cadmium	106-1	1442	1558	1542	1514	4.17	cps
Cadmium	108-1	150	83	88	107	34.92	cps
Calcium	43-1	290335	288551	293945	290944	0.94	cps
Calcium	44-1	4735169	4752672	4757756	4748532	0.25	cps
Chromium	52-2	12993	12926	12996	12972	0.30	cps
Cobalt	59-2	5144	4908	5084	5045	2.44	cps
Copper	63-2	51157	50549	50067	50591	1.08	cps
Dysprosium	156-1	5160	5560	5285	5335	3.84	cps
Dysprosium	156-2	1250	1260	1187	1232	3.23	cps
Erbium	164-1	5060	5285	5301	5215	2.59	cps
Erbium	164-2	1133	1123	1077	1111	2.72	cps
Gadolinium	160-1	5135	5435	5376	5315	2.99	cps
Gadolinium	160-2	1503	1437	1407	1449	3.42	cps
Holmium	165-1	8319333	8328144	8298810	8315429	0.18	cps
Holmium	165-2	1758251	1719166	1714183	1730533	1.39	cps
Indium	115-1	6732785	6719436	6625631	6692617	0.87	cps
Indium	115-2	281483	280529	278427	280146	0.56	cps
Iron	56-2	3364273	3349188	3373375	3362278	0.36	cps
Iron	57-2	83711	83460	83594	83588	0.15	cps
Lead	206-1	773024	786826	775073	778308	0.96	cps
Lead	207-1	659976	660019	654757	658251	0.46	cps
Lead	208-1	3044470	3052846	3049890	3049069	0.14	cps
Lithium	6-1	991198	1002981	1039573	1011251	2.49	cps
Magnesium	24-2	77544	78074	77637	77752	0.36	cps
Manganese	55-2	49043	49725	49344	49370	0.69	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3542	3492	3159	3398	6.14	cps
Molybdenum	95-1	2359	2209	1942	2170	9.73	cps
Molybdenum	96-1	2942	2784	2950	2892	3.25	cps
Molybdenum	97-1	1233	1550	1300	1361	12.27	cps
Molybdenum	98-1	3276	3517	3367	3387	3.60	cps
Neodymium	150-1	7562	7836	7903	7767	2.32	cps
Neodymium	150-2	1023	1023	930	992	5.43	cps
Nickel	60-2	4567	4401	4611	4526	2.45	cps
Phosphorus	31-2	108	142	125	125	13.33	cps
Potassium	39-2	7169	7052	6835	7019	2.41	cps
Rhodium	103-1	6215339	6166676	6151946	6177987	0.54	cps
Rhodium	103-2	1654169	1622960	1622317	1633149	1.11	cps
Scandium	45-1	3696577	3782164	3713976	3730906	1.21	cps
Scandium	45-2	30136	30400	29341	29959	1.84	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	11	4	0	5	114.60	cps
Selenium	82-1	1	19	33	18	89.52	cps
Silicon	28-1	3115107	3080773	3077793	3091224	0.67	cps
Silver	109-1	1884	1984	1817	1895	4.43	cps
Silver	107-1	1917	1867	2025	1936	4.18	cps
Sodium	23-2	18354	18329	17903	18196	1.39	cps
Strontium	86-1	156799	156211	157793	156934	0.51	cps
Strontium	88-1	1364771	1353827	1370362	1362987	0.62	cps
Sulfur	34-1	348767	353347	347122	349745	0.92	cps
Terbium	159-1	8616944	8689758	8601385	8636029	0.55	cps
Terbium	159-2	1689960	1706748	1680454	1692388	0.79	cps
Thallium	203-1	375	350	367	364	3.50	cps
Thallium	205-1	817	858	883	853	3.95	cps
Tin	118-1	166751	165933	166263	166315	0.25	cps
Titanium	47-1	78269	77247	76543	77353	1.12	cps
Uranium	238-1	4193	4501	4059	4251	5.33	cps
Vanadium	51-2	3757	3887	3597	3747	3.88	cps
Yttrium	89-1	6960696	6890924	6904564	6918728	0.53	cps
Yttrium	89-2	212097	210611	209701	210803	0.57	cps
Zinc	66-2	35733	36298	35947	35992	0.79	cps
Zirconium	90-1	6435	5835	6152	6141	4.89	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LX5	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-11 12:43:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1517	1192	1208	1306	14.02	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73549	75249	74923	74574	1.21	cps
Antimony	121-1	278430	277224	275048	276901	0.62	cps
Arsenic	75-2	2234	2271	2367	2290	3.01	cps
Barium	135-1	1416437	1421061	1413553	1417017	0.27	cps
Barium	137-1	2543123	2518824	2553740	2538562	0.71	cps
Beryllium	9-1	11933	12545	12356	12278	2.55	cps
Bismuth	209-1	5418056	5454831	5483782	5452223	0.60	cps
Bismuth	209-2	1341956	1352535	1355254	1349915	0.52	cps
Boron	10-1	2317	2525	2475	2439	4.46	cps
Boron	11-1	11563	12506	11697	11922	4.28	cps
Cadmium	111-1	24383	23699	24255	24112	1.51	cps
Cadmium	106-1	3967	3692	3451	3703	6.98	cps
Cadmium	108-1	1663	1721	1817	1733	4.49	cps
Calcium	43-1	1423561	1457352	1443610	1441508	1.18	cps
Calcium	44-1	22955853	23209633	22975452	23046979	0.61	cps
Chromium	52-2	91419	90443	92543	91468	1.15	cps
Cobalt	59-2	190817	189604	193138	191187	0.94	cps
Copper	63-2	318028	314260	316663	316317	0.60	cps
Dysprosium	156-1	25968	25910	25818	25899	0.29	cps
Dysprosium	156-2	5468	5518	5575	5520	0.97	cps
Erbium	164-1	25426	26361	25401	25729	2.13	cps
Erbium	164-2	4904	4831	4744	4827	1.66	cps
Gadolinium	160-1	25200	26261	25952	25804	2.11	cps
Gadolinium	160-2	6645	6822	6779	6749	1.37	cps
Holmium	165-1	8404903	8564198	8427371	8465491	1.02	cps
Holmium	165-2	1725660	1730460	1740884	1732334	0.45	cps
Indium	115-1	6584188	6679512	6733617	6665773	1.13	cps
Indium	115-2	273476	273886	274159	273840	0.13	cps
Iron	56-2	15963212	15878024	15915081	15918772	0.27	cps
Iron	57-2	393879	395422	396556	395286	0.34	cps
Lead	206-1	3913445	3933282	3890549	3912426	0.55	cps
Lead	207-1	3329492	3334455	3297554	3320500	0.60	cps
Lead	208-1	15310759	15288937	15181666	15260454	0.45	cps
Lithium	6-1	1023755	1060411	1059867	1048011	2.00	cps
Magnesium	24-2	372202	373137	378401	374580	0.89	cps
Manganese	55-2	250817	249237	252153	250736	0.58	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17020	17612	16653	17095	2.83	cps
Molybdenum	95-1	9054	9687	9921	9554	4.70	cps
Molybdenum	96-1	12214	12339	12657	12403	1.84	cps
Molybdenum	97-1	6118	5768	6077	5988	3.19	cps
Molybdenum	98-1	15326	15134	15660	15373	1.73	cps
Neodymium	150-1	37367	37942	37461	37590	0.82	cps
Neodymium	150-2	5011	4734	4718	4821	3.42	cps
Nickel	60-2	71271	71734	72357	71787	0.76	cps
Phosphorus	31-2	433	567	400	467	18.90	cps
Potassium	39-2	24739	24814	24781	24778	0.15	cps
Rhodium	103-1	6086244	6168777	6170638	6141887	0.78	cps
Rhodium	103-2	1614436	1611041	1605021	1610166	0.30	cps
Scandium	45-1	3778585	3873657	3846575	3832939	1.28	cps
Scandium	45-2	30754	30356	30396	30502	0.72	cps
Selenium	77-2	27	37	20	28	30.20	cps
Selenium	78-2	61	59	70	64	9.36	cps
Selenium	82-1	2499	2408	2395	2434	2.34	cps
Silicon	28-1	14166093	14360513	14253012	14259873	0.68	cps
Silver	109-1	91788	95396	92148	93110	2.13	cps
Silver	107-1	99146	97543	98667	98452	0.84	cps
Sodium	23-2	45532	46828	46970	46443	1.71	cps
Strontium	86-1	752538	759076	745142	752252	0.93	cps
Strontium	88-1	6628350	6667768	6523456	6606525	1.13	cps
Sulfur	34-1	367593	368305	367630	367843	0.11	cps
Terbium	159-1	8684766	8856288	8774051	8771702	0.98	cps
Terbium	159-2	1676220	1669693	1700090	1682001	0.95	cps
Thallium	203-1	69206	68670	69675	69184	0.73	cps
Thallium	205-1	163964	164511	164074	164183	0.18	cps
Tin	118-1	785708	784847	781734	784096	0.27	cps
Titanium	47-1	384072	388736	385493	386100	0.62	cps
Uranium	238-1	21386	20793	20284	20821	2.65	cps
Vanadium	51-2	74946	75519	76209	75558	0.84	cps
Yttrium	89-1	7131834	7389442	7327173	7282816	1.85	cps
Yttrium	89-2	216091	218399	218672	217721	0.65	cps
Zinc	66-2	183357	182912	185670	183980	0.80	cps
Zirconium	90-1	31040	35617	30962	32540	8.19	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01S	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:46:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7103	6368	6827	6766	5.48	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55359	54756	54849	54988	0.59	cps
Antimony	121-1	40738	41407	40045	40730	1.67	cps
Arsenic	75-2	1937	2019	1926	1961	2.58	cps
Barium	135-1	2045381	2004639	2029194	2026405	1.01	cps
Barium	137-1	3550195	3571484	3490785	3537488	1.18	cps
Beryllium	9-1	1050	1056	1089	1065	1.98	cps
Bismuth	209-1	5568595	5621176	5480283	5556685	1.28	cps
Bismuth	209-2	1362970	1343347	1346721	1351013	0.78	cps
Boron	10-1	842	975	1125	981	14.46	cps
Boron	11-1	4309	4768	4409	4495	5.36	cps
Cadmium	111-1	4752	4742	4850	4781	1.24	cps
Cadmium	106-1	1959	1809	1892	1886	3.98	cps
Cadmium	108-1	350	363	304	339	9.06	cps
Calcium	43-1	255849	252365	254305	254173	0.69	cps
Calcium	44-1	4196171	4247072	4170784	4204676	0.92	cps
Chromium	52-2	43544	42869	41823	42745	2.03	cps
Cobalt	59-2	22311	21901	21854	22022	1.14	cps
Copper	63-2	237680	237684	236486	237283	0.29	cps
Dysprosium	156-1	35558	34664	34480	34900	1.65	cps
Dysprosium	156-2	7566	7442	7682	7563	1.59	cps
Erbium	164-1	31757	32232	31564	31851	1.08	cps
Erbium	164-2	5975	5638	5681	5765	3.18	cps
Gadolinium	160-1	35491	34522	34413	34809	1.71	cps
Gadolinium	160-2	9157	9307	9334	9266	1.03	cps
Holmium	165-1	8395047	8437182	8486017	8439415	0.54	cps
Holmium	165-2	1717789	1685485	1693075	1698783	0.99	cps
Indium	115-1	6762332	6694064	6754162	6736852	0.55	cps
Indium	115-2	277108	270672	272986	273589	1.19	cps
Iron	56-2	16965962	16904416	16877548	16915975	0.27	cps
Iron	57-2	422824	420411	422679	421971	0.32	cps
Lead	206-1	5316859	5406273	5351689	5358274	0.84	cps
Lead	207-1	4514046	4562657	4494420	4523708	0.78	cps
Lead	208-1	20875138	21107120	20825296	20935852	0.72	cps
Lithium	6-1	1170533	1208384	1219621	1199513	2.14	cps
Magnesium	24-2	84677	82917	82573	83389	1.35	cps
Manganese	55-2	173803	172533	172352	172896	0.46	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18413	18405	18096	18305	0.99	cps
Molybdenum	95-1	7844	8228	7377	7816	5.45	cps
Molybdenum	96-1	11322	11163	10905	11130	1.89	cps
Molybdenum	97-1	4584	4901	4793	4759	3.38	cps
Molybdenum	98-1	12565	12465	12473	12501	0.44	cps
Neodymium	150-1	52573	52894	52653	52707	0.32	cps
Neodymium	150-2	6839	6648	6525	6671	2.37	cps
Nickel	60-2	13277	12940	13313	13176	1.56	cps
Phosphorus	31-2	600	558	575	578	3.63	cps
Potassium	39-2	16519	15910	15276	15901	3.91	cps
Rhodium	103-1	6257624	6240605	6218997	6239076	0.31	cps
Rhodium	103-2	1649692	1607867	1614500	1624020	1.38	cps
Scandium	45-1	3907425	3883571	3849622	3880206	0.75	cps
Scandium	45-2	30804	30593	30243	30547	0.93	cps
Selenium	77-2	37	33	27	32	15.80	cps
Selenium	78-2	24	13	11	16	43.68	cps
Selenium	82-1	159	143	85	129	30.22	cps
Silicon	28-1	2206428	2293110	2258132	2252557	1.94	cps
Silver	109-1	6352	6944	6068	6455	6.92	cps
Silver	107-1	6152	6519	6802	6491	5.02	cps
Sodium	23-2	45081	45440	45632	45384	0.62	cps
Strontium	86-1	197153	200924	197839	198639	1.01	cps
Strontium	88-1	1771641	1770746	1767961	1770116	0.11	cps
Sulfur	34-1	330779	331975	334714	332490	0.61	cps
Terbium	159-1	8757711	8770015	8812459	8780062	0.33	cps
Terbium	159-2	1666985	1652913	1646107	1655335	0.64	cps
Thallium	203-1	1342	1167	1350	1286	8.05	cps
Thallium	205-1	2892	2984	2692	2856	5.22	cps
Tin	118-1	669698	668110	678086	671964	0.80	cps
Titanium	47-1	445870	445511	441944	444441	0.49	cps
Uranium	238-1	35611	36906	35836	36118	1.92	cps
Vanadium	51-2	25931	25594	25470	25665	0.93	cps
Yttrium	89-1	7318265	7431756	7378227	7376083	0.77	cps
Yttrium	89-2	218880	214647	214662	216063	1.13	cps
Zinc	66-2	151823	149697	149091	150204	0.96	cps
Zirconium	90-1	36734	37975	36784	37164	1.89	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:49:35	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8320	8336	7961	8206	2.58	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58915	58630	57836	58460	0.96	cps
Antimony	121-1	26569	27446	26911	26975	1.64	cps
Arsenic	75-2	1976	1850	1850	1892	3.84	cps
Barium	135-1	2479625	2588486	2524802	2530971	2.16	cps
Barium	137-1	4315636	4400780	4349927	4355448	0.98	cps
Beryllium	9-1	900	950	1006	952	5.55	cps
Bismuth	209-1	5481936	5531005	5238807	5417249	2.89	cps
Bismuth	209-2	1376331	1362183	1374766	1371093	0.57	cps
Boron	10-1	1067	733	950	917	18.45	cps
Boron	11-1	4134	4343	4384	4287	3.13	cps
Cadmium	111-1	5561	5984	5658	5734	3.86	cps
Cadmium	106-1	1909	2125	1917	1984	6.19	cps
Cadmium	108-1	346	429	425	400	11.74	cps
Calcium	43-1	346940	361123	356161	354741	2.03	cps
Calcium	44-1	5743603	5933229	5824830	5833887	1.63	cps
Chromium	52-2	30229	30089	29458	29926	1.37	cps
Cobalt	59-2	17521	17101	17515	17379	1.39	cps
Copper	63-2	205033	202449	202175	203219	0.78	cps
Dysprosium	156-1	25735	27330	26419	26494	3.02	cps
Dysprosium	156-2	5985	5505	5925	5805	4.51	cps
Erbium	164-1	25392	25025	25593	25337	1.14	cps
Erbium	164-2	4768	4931	5048	4915	2.86	cps
Gadolinium	160-1	26169	26636	25434	26080	2.32	cps
Gadolinium	160-2	7329	6812	7002	7048	3.71	cps
Holmium	165-1	8286943	8412103	8045199	8248082	2.26	cps
Holmium	165-2	1771186	1725724	1759751	1752220	1.35	cps
Indium	115-1	6566033	6731878	6415815	6571242	2.41	cps
Indium	115-2	284166	275991	279268	279808	1.47	cps
Iron	56-2	13986388	13680806	13760536	13809243	1.15	cps
Iron	57-2	348229	342269	341699	344066	1.05	cps
Lead	206-1	7526209	7695370	7560672	7594084	1.18	cps
Lead	207-1	6318178	6454049	6387632	6386620	1.06	cps
Lead	208-1	29385957	30132346	29709448	29742584	1.26	cps
Lithium	6-1	1044145	1084111	1022805	1050354	2.96	cps
Magnesium	24-2	159651	158111	160607	159456	0.79	cps
Manganese	55-2	142693	139333	139440	140489	1.36	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12390	12398	12164	12317	1.08	cps
Molybdenum	95-1	6160	6152	6052	6121	0.99	cps
Molybdenum	96-1	8553	8737	8478	8589	1.55	cps
Molybdenum	97-1	4001	4017	3976	3998	0.52	cps
Molybdenum	98-1	9062	10329	10588	9993	8.17	cps
Neodymium	150-1	39159	38658	38056	38624	1.43	cps
Neodymium	150-2	5238	5244	4941	5141	3.37	cps
Nickel	60-2	12452	12282	12209	12315	1.01	cps
Phosphorus	31-2	483	333	400	406	18.53	cps
Potassium	39-2	14166	14174	14116	14152	0.22	cps
Rhodium	103-1	6109096	6218673	5941386	6089718	2.29	cps
Rhodium	103-2	1685323	1612834	1641971	1646709	2.22	cps
Scandium	45-1	3695161	3801975	3638646	3711927	2.23	cps
Scandium	45-2	30460	30470	30864	30598	0.75	cps
Selenium	77-2	20	50	27	32	48.88	cps
Selenium	78-2	13	17	28	19	40.30	cps
Selenium	82-1	107	81	97	95	14.04	cps
Silicon	28-1	4146557	4296096	4194375	4212343	1.81	cps
Silver	109-1	5518	5435	5218	5390	2.87	cps
Silver	107-1	5718	5985	5651	5785	3.05	cps
Sodium	23-2	30985	31828	32479	31764	2.36	cps
Strontium	86-1	229413	231364	227577	229452	0.83	cps
Strontium	88-1	2047821	2058669	2011659	2039383	1.21	cps
Sulfur	34-1	337010	339553	334585	337049	0.74	cps
Terbium	159-1	8586200	8866118	8317881	8590066	3.19	cps
Terbium	159-2	1728406	1703807	1696312	1709509	0.98	cps
Thallium	203-1	1175	1333	1192	1233	7.05	cps
Thallium	205-1	2767	2892	2942	2867	3.15	cps
Tin	118-1	186364	191201	184134	187233	1.93	cps
Titanium	47-1	354240	367636	361330	361069	1.86	cps
Uranium	238-1	14267	14576	13992	14278	2.05	cps
Vanadium	51-2	18596	18245	18516	18452	1.00	cps
Yttrium	89-1	7111929	7325579	6965091	7134200	2.54	cps
Yttrium	89-2	223414	217937	219585	220312	1.28	cps
Zinc	66-2	245685	241483	243168	243446	0.87	cps
Zirconium	90-1	22586	23632	23797	23339	2.81	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:52:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5076	5318	5135	5176	2.44	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54422	58262	59250	57311	4.45	cps
Antimony	121-1	10513	10221	10163	10299	1.82	cps
Arsenic	75-2	867	874	846	862	1.67	cps
Barium	135-1	387619	391944	377962	385842	1.86	cps
Barium	137-1	673823	690546	659601	674656	2.30	cps
Beryllium	9-1	917	917	1078	970	9.59	cps
Bismuth	209-1	5521803	5579847	5428242	5509964	1.39	cps
Bismuth	209-2	1283320	1344608	1375799	1334576	3.53	cps
Boron	10-1	650	633	767	683	10.63	cps
Boron	11-1	2984	3401	2875	3087	8.98	cps
Cadmium	111-1	1931	2059	2263	2084	8.04	cps
Cadmium	106-1	1375	1475	1483	1445	4.17	cps
Cadmium	108-1	158	129	138	142	10.61	cps
Calcium	43-1	449769	458026	436445	448080	2.43	cps
Calcium	44-1	7392728	7475139	7217976	7361948	1.78	cps
Chromium	52-2	13694	14324	14831	14283	3.99	cps
Cobalt	59-2	15212	16924	17064	16400	6.29	cps
Copper	63-2	107337	114769	116409	112838	4.28	cps
Dysprosium	156-1	35248	36101	34689	35346	2.01	cps
Dysprosium	156-2	7336	7856	7856	7682	3.91	cps
Erbium	164-1	34196	32391	32333	32973	3.21	cps
Erbium	164-2	5705	6325	6268	6099	5.62	cps
Gadolinium	160-1	36494	37212	35516	36407	2.34	cps
Gadolinium	160-2	9207	9310	9971	9496	4.36	cps
Holmium	165-1	8436415	8619312	8345645	8467124	1.65	cps
Holmium	165-2	1583141	1685653	1722475	1663756	4.34	cps
Indium	115-1	6738402	6840639	6723214	6767419	0.94	cps
Indium	115-2	258888	271341	276633	268954	3.39	cps
Iron	56-2	8639249	9089146	9275998	9001465	3.64	cps
Iron	57-2	216437	226639	230966	224681	3.32	cps
Lead	206-1	2010175	2038257	1974732	2007721	1.59	cps
Lead	207-1	1646791	1745826	1613385	1668667	4.13	cps
Lead	208-1	7814458	8015927	7693582	7841323	2.08	cps
Lithium	6-1	1076301	1079419	1064950	1073557	0.71	cps
Magnesium	24-2	107823	115021	115180	112675	3.73	cps
Manganese	55-2	198877	207411	211787	206025	3.19	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8070	7811	7611	7831	2.94	cps
Molybdenum	95-1	5993	5785	5743	5840	2.29	cps
Molybdenum	96-1	6927	7361	7152	7147	3.03	cps
Molybdenum	97-1	3467	3717	3442	3542	4.29	cps
Molybdenum	98-1	10021	10079	9462	9854	3.46	cps
Neodymium	150-1	51716	51890	50458	51354	1.52	cps
Neodymium	150-2	6135	6348	6658	6381	4.13	cps
Nickel	60-2	8499	9407	8826	8911	5.16	cps
Phosphorus	31-2	392	358	408	386	6.59	cps
Potassium	39-2	14350	15643	15668	15220	4.95	cps
Rhodium	103-1	6280361	6247714	6208826	6245634	0.57	cps
Rhodium	103-2	1503172	1599723	1656800	1586565	4.89	cps
Scandium	45-1	3778988	3906025	3764662	3816559	2.04	cps
Scandium	45-2	28492	29384	29702	29193	2.15	cps
Selenium	77-2	37	33	23	31	22.31	cps
Selenium	78-2	17	6	22	15	57.25	cps
Selenium	82-1	-29	57	-5	8	588.18	cps
Silicon	28-1	4277064	4388576	4130356	4265332	3.04	cps
Silver	109-1	3117	3042	3159	3106	1.90	cps
Silver	107-1	2984	3551	3451	3328	9.09	cps
Sodium	23-2	26058	27168	26901	26709	2.17	cps
Strontium	86-1	173024	177243	168833	173033	2.43	cps
Strontium	88-1	1590067	1552910	1515996	1552991	2.38	cps
Sulfur	34-1	340080	341532	335459	339024	0.94	cps
Terbium	159-1	8859609	8993361	8690736	8847902	1.71	cps
Terbium	159-2	1557885	1650641	1678776	1629101	3.88	cps
Thallium	203-1	1133	1117	1058	1103	3.57	cps
Thallium	205-1	2492	2625	2650	2589	3.29	cps
Tin	118-1	97504	97084	92890	95826	2.66	cps
Titanium	47-1	197555	180264	173818	183879	6.68	cps
Uranium	238-1	18673	19174	18398	18748	2.10	cps
Vanadium	51-2	15208	15863	16170	15747	3.12	cps
Yttrium	89-1	7416177	7465568	7267606	7383117	1.40	cps
Yttrium	89-2	207819	215969	218817	214201	2.66	cps
Zinc	66-2	44980	46337	46588	45968	1.88	cps
Zirconium	90-1	11739	13401	11364	12168	8.91	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:55:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2392	2592	2542	2509	4.15	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61979	61208	61016	61401	0.83	cps
Antimony	121-1	60656	59617	61459	60577	1.52	cps
Arsenic	75-2	1924	1846	1791	1854	3.61	cps
Barium	135-1	3037694	3005594	3059337	3034208	0.89	cps
Barium	137-1	5254192	5243154	5261507	5252951	0.18	cps
Beryllium	9-1	1033	1061	1067	1054	1.70	cps
Bismuth	209-1	5782906	5688075	5639054	5703345	1.28	cps
Bismuth	209-2	1385635	1374774	1384436	1381615	0.43	cps
Boron	10-1	1800	1859	1884	1847	2.32	cps
Boron	11-1	8778	8820	9328	8975	3.41	cps
Cadmium	111-1	9563	9827	9327	9572	2.61	cps
Cadmium	106-1	2334	2534	2325	2398	4.92	cps
Cadmium	108-1	700	725	767	731	4.61	cps
Calcium	43-1	1081866	1079151	1072525	1077847	0.45	cps
Calcium	44-1	17722118	17721105	17645787	17696337	0.25	cps
Chromium	52-2	72279	72386	72614	72426	0.24	cps
Cobalt	59-2	27911	28332	28603	28282	1.23	cps
Copper	63-2	896297	899057	897430	897595	0.15	cps
Dysprosium	156-1	22495	22737	22412	22548	0.75	cps
Dysprosium	156-2	4848	4834	5008	4897	1.97	cps
Erbium	164-1	21427	20984	21802	21404	1.91	cps
Erbium	164-2	4054	4251	3967	4091	3.55	cps
Gadolinium	160-1	22312	24223	22946	23160	4.20	cps
Gadolinium	160-2	5888	6001	5888	5926	1.10	cps
Holmium	165-1	8672825	8781696	8760796	8738439	0.66	cps
Holmium	165-2	1737923	1742347	1774445	1751572	1.14	cps
Indium	115-1	6884360	6916982	6874541	6891961	0.32	cps
Indium	115-2	279262	275792	277599	277551	0.63	cps
Iron	56-2	22188494	21799705	22048977	22012392	0.89	cps
Iron	57-2	552713	548796	550564	550691	0.36	cps
Lead	206-1	10462383	10361911	10302247	10375513	0.78	cps
Lead	207-1	8926287	8853229	8921702	8900406	0.46	cps
Lead	208-1	41296006	41023233	41078901	41132713	0.35	cps
Lithium	6-1	1084645	1107773	1092082	1094833	1.08	cps
Magnesium	24-2	273608	274589	274247	274148	0.18	cps
Manganese	55-2	161190	160018	159775	160328	0.47	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17153	17579	17579	17437	1.41	cps
Molybdenum	95-1	15409	14458	15034	14967	3.20	cps
Molybdenum	96-1	18505	17662	17979	18049	2.36	cps
Molybdenum	97-1	9529	9921	9746	9732	2.02	cps
Molybdenum	98-1	24473	23688	24824	24328	2.39	cps
Neodymium	150-1	34286	34493	33263	34014	1.94	cps
Neodymium	150-2	4281	4411	4164	4285	2.88	cps
Nickel	60-2	21056	21206	21470	21244	0.99	cps
Phosphorus	31-2	292	283	375	317	16.01	cps
Potassium	39-2	19239	18788	18571	18866	1.80	cps
Rhodium	103-1	6374676	6413543	6341757	6376658	0.56	cps
Rhodium	103-2	1668222	1633877	1642774	1648291	1.08	cps
Scandium	45-1	3858798	3914875	3865725	3879800	0.79	cps
Scandium	45-2	31358	30540	30513	30804	1.56	cps
Selenium	77-2	23	27	30	27	12.51	cps
Selenium	78-2	17	20	17	18	11.93	cps
Selenium	82-1	151	71	149	124	36.78	cps
Silicon	28-1	6573741	6403122	6342695	6439853	1.86	cps
Silver	109-1	7769	7652	7536	7652	1.53	cps
Silver	107-1	7869	7169	8578	7872	8.95	cps
Sodium	23-2	43484	42915	43384	43261	0.70	cps
Strontium	86-1	504829	500170	503634	502878	0.48	cps
Strontium	88-1	4392631	4396403	4371789	4386941	0.30	cps
Sulfur	34-1	371306	364571	369759	368545	0.96	cps
Terbium	159-1	9100735	9055036	9045085	9066952	0.33	cps
Terbium	159-2	1733196	1698718	1702069	1711328	1.11	cps
Thallium	203-1	1167	1042	1108	1106	5.66	cps
Thallium	205-1	2417	2667	2459	2514	5.33	cps
Tin	118-1	341802	342622	342078	342167	0.12	cps
Titanium	47-1	430438	492961	430477	451292	8.00	cps
Uranium	238-1	20468	19591	19124	19728	3.46	cps
Vanadium	51-2	22575	21777	21677	22010	2.24	cps
Yttrium	89-1	7458996	7452760	7460490	7457415	0.05	cps
Yttrium	89-2	218227	215292	214985	216168	0.83	cps
Zinc	66-2	209669	209964	207904	209179	0.53	cps
Zirconium	90-1	24616	24740	24097	24484	1.39	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 12:58:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5318	5510	5385	5404	1.80	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50224	50290	51168	50560	1.04	cps
Antimony	121-1	78330	80333	78321	78995	1.47	cps
Arsenic	75-2	3100	3134	3149	3128	0.79	cps
Barium	135-1	4046139	4145241	4022027	4071136	1.60	cps
Barium	137-1	6976661	7246573	6960163	7061132	2.28	cps
Beryllium	9-1	1006	1172	1117	1098	7.73	cps
Bismuth	209-1	5295006	5580242	5301117	5392122	3.02	cps
Bismuth	209-2	1312848	1309020	1308140	1310003	0.19	cps
Boron	10-1	1050	1208	1175	1145	7.29	cps
Boron	11-1	4718	5218	5176	5037	5.51	cps
Cadmium	111-1	11256	12452	12046	11918	5.10	cps
Cadmium	106-1	2567	2909	2559	2678	7.46	cps
Cadmium	108-1	975	913	1071	986	8.09	cps
Calcium	43-1	572257	594307	572884	579816	2.17	cps
Calcium	44-1	9343054	9747632	9441981	9510889	2.22	cps
Chromium	52-2	77982	78107	77584	77891	0.35	cps
Cobalt	59-2	20549	20645	20619	20604	0.24	cps
Copper	63-2	332872	331728	336177	333592	0.69	cps
Dysprosium	156-1	25977	26277	25960	26071	0.69	cps
Dysprosium	156-2	5698	5411	5318	5476	3.62	cps
Erbium	164-1	22812	24198	23205	23405	3.05	cps
Erbium	164-2	4097	4257	4224	4193	2.01	cps
Gadolinium	160-1	23739	25902	25025	24889	4.37	cps
Gadolinium	160-2	6412	6382	6558	6451	1.47	cps
Holmium	165-1	8218984	8550387	8052777	8274049	3.06	cps
Holmium	165-2	1625016	1657060	1629703	1637260	1.06	cps
Indium	115-1	6512773	6754757	6368457	6545329	2.98	cps
Indium	115-2	264306	260644	261640	262197	0.72	cps
Iron	56-2	15628257	15652764	15662701	15647907	0.11	cps
Iron	57-2	390782	392819	389428	391010	0.44	cps
Lead	206-1	16614123	17255446	16536902	16802157	2.35	cps
Lead	207-1	13915639	14309498	13551544	13925560	2.72	cps
Lead	208-1	64996160	67101508	64234391	65444020	2.27	cps
Lithium	6-1	1016659	1065152	1056172	1045994	2.47	cps
Magnesium	24-2	99221	101704	100822	100583	1.25	cps
Manganese	55-2	155791	155377	156444	155871	0.35	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16603	18255	17161	17340	4.85	cps
Molybdenum	95-1	11072	11922	11439	11478	3.72	cps
Molybdenum	96-1	13199	14508	13474	13727	5.03	cps
Molybdenum	97-1	6594	7486	7102	7061	6.34	cps
Molybdenum	98-1	17837	18455	17529	17940	2.63	cps
Neodymium	150-1	37775	40136	39774	39228	3.24	cps
Neodymium	150-2	4921	4791	4884	4865	1.38	cps
Nickel	60-2	13333	12879	13146	13120	1.74	cps
Phosphorus	31-2	867	783	775	808	6.27	cps
Potassium	39-2	15284	15593	16077	15651	2.55	cps
Rhodium	103-1	6001924	6228427	5980577	6070309	2.26	cps
Rhodium	103-2	1536872	1553028	1573539	1554480	1.18	cps
Scandium	45-1	3628818	3826610	3628243	3694557	3.10	cps
Scandium	45-2	28856	28646	28699	28734	0.38	cps
Selenium	77-2	27	33	40	33	20.00	cps
Selenium	78-2	35	20	26	27	27.56	cps
Selenium	82-1	172	204	189	188	8.48	cps
Silicon	28-1	4697063	4833749	4756171	4762328	1.44	cps
Silver	109-1	5810	5568	5643	5674	2.18	cps
Silver	107-1	5735	6327	5802	5954	5.44	cps
Sodium	23-2	37926	38219	37693	37946	0.70	cps
Strontium	86-1	459466	472283	456986	462911	1.77	cps
Strontium	88-1	4055253	4198522	4007792	4087189	2.43	cps
Sulfur	34-1	379036	381989	372463	377829	1.29	cps
Terbium	159-1	8509504	8900436	8478177	8629373	2.73	cps
Terbium	159-2	1585712	1606325	1584412	1592149	0.77	cps
Thallium	203-1	1292	1609	1417	1439	11.08	cps
Thallium	205-1	3509	3401	3184	3364	4.92	cps
Tin	118-1	575038	590512	567474	577675	2.03	cps
Titanium	47-1	394150	405984	394269	398134	1.71	cps
Uranium	238-1	17672	18164	17964	17933	1.38	cps
Vanadium	51-2	21630	21410	21704	21581	0.71	cps
Yttrium	89-1	7049601	7298884	6929774	7092753	2.65	cps
Yttrium	89-2	206761	203724	205045	205177	0.74	cps
Zinc	66-2	485340	480137	481066	482181	0.58	cps
Zirconium	90-1	30528	30694	28682	29968	3.73	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:02:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7135	6519	7555	7070	7.37	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70986	70953	70098	70679	0.71	cps
Antimony	121-1	21977	22770	22161	22303	1.86	cps
Arsenic	75-2	1200	1117	1152	1156	3.62	cps
Barium	135-1	706658	706860	708328	707282	0.13	cps
Barium	137-1	1229631	1237931	1218574	1228712	0.79	cps
Beryllium	9-1	1039	1189	1039	1089	7.95	cps
Bismuth	209-1	5522606	5451956	5519801	5498121	0.73	cps
Bismuth	209-2	1332916	1335291	1330042	1332750	0.20	cps
Boron	10-1	1842	1909	1792	1847	3.17	cps
Boron	11-1	8161	8344	9287	8597	7.03	cps
Cadmium	111-1	3463	3525	3338	3442	2.76	cps
Cadmium	106-1	1650	1742	1634	1675	3.48	cps
Cadmium	108-1	221	171	246	213	17.97	cps
Calcium	43-1	359313	358899	357090	358434	0.33	cps
Calcium	44-1	5949649	5959526	5877457	5928877	0.76	cps
Chromium	52-2	27270	26789	27227	27095	0.98	cps
Cobalt	59-2	35185	35014	35903	35367	1.33	cps
Copper	63-2	232190	230766	228913	230623	0.71	cps
Dysprosium	156-1	28774	29584	29142	29167	1.39	cps
Dysprosium	156-2	6675	6322	6345	6447	3.07	cps
Erbium	164-1	26528	27647	28257	27477	3.19	cps
Erbium	164-2	5285	5068	5014	5122	2.79	cps
Gadolinium	160-1	28892	29092	28691	28891	0.69	cps
Gadolinium	160-2	7986	7492	7492	7657	3.72	cps
Holmium	165-1	8350912	8407714	8472650	8410425	0.72	cps
Holmium	165-2	1697555	1709816	1684765	1697379	0.74	cps
Indium	115-1	6737336	6647098	6622906	6669113	0.90	cps
Indium	115-2	269719	270643	267904	269422	0.52	cps
Iron	56-2	13426668	13320333	13285228	13344076	0.55	cps
Iron	57-2	336797	332063	333102	333987	0.74	cps
Lead	206-1	4305857	4288785	4300410	4298351	0.20	cps
Lead	207-1	3674079	3648840	3700570	3674496	0.70	cps
Lead	208-1	16967569	16827409	16893057	16896012	0.42	cps
Lithium	6-1	1058612	1066536	1066078	1063742	0.42	cps
Magnesium	24-2	147330	142271	145606	145069	1.77	cps
Manganese	55-2	163186	162024	162662	162624	0.36	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7311	7527	7461	7433	1.49	cps
Molybdenum	95-1	6035	5860	5626	5840	3.51	cps
Molybdenum	96-1	8273	7611	7052	7645	7.99	cps
Molybdenum	97-1	3834	4243	3659	3912	7.65	cps
Molybdenum	98-1	9854	10046	9779	9893	1.39	cps
Neodymium	150-1	41500	42229	42436	42055	1.17	cps
Neodymium	150-2	5475	5221	5338	5345	2.37	cps
Nickel	60-2	13680	13757	13480	13639	1.05	cps
Phosphorus	31-2	583	500	433	506	14.87	cps
Potassium	39-2	18838	18062	18897	18599	2.50	cps
Rhodium	103-1	6238504	6144566	6236988	6206686	0.87	cps
Rhodium	103-2	1610491	1594989	1599366	1601615	0.50	cps
Scandium	45-1	3805941	3740542	3763795	3770093	0.88	cps
Scandium	45-2	29942	30757	29341	30013	2.37	cps
Selenium	77-2	27	23	30	27	12.51	cps
Selenium	78-2	20	15	24	20	23.60	cps
Selenium	82-1	23	108	116	82	62.18	cps
Silicon	28-1	3567759	3519005	3614859	3567208	1.34	cps
Silver	109-1	4976	4951	5210	5046	2.83	cps
Silver	107-1	4868	5135	4684	4896	4.63	cps
Sodium	23-2	39598	39397	40484	39826	1.45	cps
Strontium	86-1	209043	208874	207386	208434	0.44	cps
Strontium	88-1	1868169	1854915	1837648	1853577	0.83	cps
Sulfur	34-1	351223	346700	346633	348186	0.76	cps
Terbium	159-1	8857410	8628027	8866844	8784094	1.54	cps
Terbium	159-2	1663408	1670704	1646911	1660341	0.73	cps
Thallium	203-1	1117	1242	1125	1161	6.02	cps
Thallium	205-1	2775	2717	2600	2698	3.30	cps
Tin	118-1	119606	118647	116547	118267	1.32	cps
Titanium	47-1	321993	322908	320625	321842	0.36	cps
Uranium	238-1	25619	26137	25769	25842	1.03	cps
Vanadium	51-2	31365	31188	30757	31104	1.01	cps
Yttrium	89-1	7300300	7243326	7265924	7269850	0.39	cps
Yttrium	89-2	212866	210911	211341	211706	0.49	cps
Zinc	66-2	65943	65953	64874	65590	0.94	cps
Zirconium	90-1	10238	11241	11356	10945	5.62	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:05:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2234	2459	2284	2325	5.08	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64631	66297	64782	65237	1.41	cps
Antimony	121-1	17145	16186	15785	16372	4.27	cps
Arsenic	75-2	1206	1300	1209	1238	4.32	cps
Barium	135-1	1129023	1133798	1130923	1131248	0.21	cps
Barium	137-1	2021380	2026281	2061157	2036273	1.07	cps
Beryllium	9-1	817	772	839	809	4.20	cps
Bismuth	209-1	5495249	5586270	5527602	5536374	0.83	cps
Bismuth	209-2	1382896	1381875	1367411	1377394	0.63	cps
Boron	10-1	1408	1550	1250	1403	10.70	cps
Boron	11-1	6027	6202	6427	6218	3.23	cps
Cadmium	111-1	3492	3459	3640	3530	2.74	cps
Cadmium	106-1	1834	1675	1642	1717	5.97	cps
Cadmium	108-1	179	204	233	206	13.19	cps
Calcium	43-1	325797	324727	323827	324784	0.30	cps
Calcium	44-1	5347476	5432267	5396927	5392223	0.79	cps
Chromium	52-2	39713	39636	40021	39790	0.51	cps
Cobalt	59-2	35980	36431	36561	36324	0.84	cps
Copper	63-2	205391	206040	205732	205721	0.16	cps
Dysprosium	156-1	29618	30503	29042	29721	2.48	cps
Dysprosium	156-2	6708	6789	6819	6772	0.84	cps
Erbium	164-1	27179	27188	26929	27098	0.54	cps
Erbium	164-2	5565	5124	5361	5350	4.12	cps
Gadolinium	160-1	28849	30303	29885	29679	2.52	cps
Gadolinium	160-2	8366	8206	7999	8190	2.25	cps
Holmium	165-1	8372501	8385091	8363601	8373731	0.13	cps
Holmium	165-2	1758131	1766444	1706217	1743597	1.87	cps
Indium	115-1	6653289	6682689	6710099	6682026	0.43	cps
Indium	115-2	279437	281020	276639	279032	0.80	cps
Iron	56-2	13259341	13305141	13184459	13249647	0.46	cps
Iron	57-2	327935	331238	328249	329140	0.55	cps
Lead	206-1	4766132	4743979	4797369	4769160	0.56	cps
Lead	207-1	4070112	4120589	4099439	4096713	0.62	cps
Lead	208-1	18721005	18740226	18813204	18758145	0.26	cps
Lithium	6-1	1048468	1084389	1059450	1064102	1.73	cps
Magnesium	24-2	137595	139284	140599	139159	1.08	cps
Manganese	55-2	128868	127179	127253	127766	0.75	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13082	13249	14405	13578	5.31	cps
Molybdenum	95-1	13724	13941	13149	13605	3.01	cps
Molybdenum	96-1	15309	15051	15568	15309	1.69	cps
Molybdenum	97-1	8261	8611	8228	8367	2.54	cps
Molybdenum	98-1	21752	20959	21685	21465	2.05	cps
Neodymium	150-1	41272	40630	41065	40989	0.80	cps
Neodymium	150-2	5311	5211	5188	5237	1.25	cps
Nickel	60-2	13977	14047	13804	13943	0.90	cps
Phosphorus	31-2	367	358	408	378	7.09	cps
Potassium	39-2	17144	17662	17637	17481	1.67	cps
Rhodium	103-1	6215203	6255763	6206547	6225838	0.42	cps
Rhodium	103-2	1659681	1672671	1627032	1653128	1.42	cps
Scandium	45-1	3761555	3787838	3785108	3778167	0.38	cps
Scandium	45-2	30086	30871	30740	30566	1.38	cps
Selenium	77-2	13	20	30	21	39.75	cps
Selenium	78-2	35	30	22	29	22.43	cps
Selenium	82-1	21	67	35	41	57.05	cps
Silicon	28-1	3844687	4252302	3810303	3969097	6.19	cps
Silver	109-1	41632	41482	40880	41331	0.96	cps
Silver	107-1	45604	42485	43973	44020	3.54	cps
Sodium	23-2	33323	33699	33265	33429	0.71	cps
Strontium	86-1	165570	166386	168384	166780	0.87	cps
Strontium	88-1	1497726	1463671	1487462	1482953	1.18	cps
Sulfur	34-1	369394	367682	370084	369053	0.34	cps
Terbium	159-1	8724955	8730596	8792293	8749281	0.43	cps
Terbium	159-2	1706566	1706261	1702774	1705200	0.12	cps
Thallium	203-1	842	725	800	789	7.49	cps
Thallium	205-1	1992	1892	1759	1881	6.23	cps
Tin	118-1	112176	113402	113320	112966	0.61	cps
Titanium	47-1	282699	285038	286624	284787	0.69	cps
Uranium	238-1	21862	22054	22004	21973	0.45	cps
Vanadium	51-2	23503	23497	23811	23603	0.76	cps
Yttrium	89-1	7211652	7231696	7229024	7224124	0.15	cps
Yttrium	89-2	218527	217859	216617	217668	0.45	cps
Zinc	66-2	89020	88362	89349	88910	0.56	cps
Zirconium	90-1	15509	16687	16469	16222	3.86	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:08:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3617	3759	3576	3651	2.63	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3992	3226	3367	3528	11.56	cps
Antimony	121-1	5435	5860	5276	5524	5.46	cps
Arsenic	75-2	89	87	85	87	2.13	cps
Barium	135-1	33794	34203	34154	34050	0.66	cps
Barium	137-1	58832	59335	60388	59518	1.33	cps
Beryllium	9-1	72	156	106	111	37.75	cps
Bismuth	209-1	5650401	5717385	5633218	5667001	0.78	cps
Bismuth	209-2	1405277	1398836	1207523	1337212	8.40	cps
Boron	10-1	367	367	342	358	4.03	cps
Boron	11-1	1850	1859	1667	1792	6.05	cps
Cadmium	111-1	1103	1127	1252	1161	6.89	cps
Cadmium	106-1	1183	1383	1492	1353	11.56	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	71441	70620	71390	71150	0.65	cps
Calcium	44-1	1160320	1164713	1168644	1164559	0.36	cps
Chromium	52-2	3597	3741	3357	3565	5.43	cps
Cobalt	59-2	1283	1277	1180	1247	4.64	cps
Copper	63-2	12482	12349	12372	12401	0.57	cps
Dysprosium	156-1	1175	1225	1308	1236	5.45	cps
Dysprosium	156-2	257	253	240	250	3.53	cps
Erbium	164-1	1117	1167	1117	1133	2.55	cps
Erbium	164-2	233	247	217	232	6.47	cps
Gadolinium	160-1	1317	1133	1233	1228	7.48	cps
Gadolinium	160-2	343	310	380	344	10.16	cps
Holmium	165-1	8505841	8675092	8626923	8602619	1.01	cps
Holmium	165-2	1796079	1770897	1493645	1686874	9.95	cps
Indium	115-1	6873564	6849567	6792960	6838697	0.61	cps
Indium	115-2	286536	284842	243437	271605	8.99	cps
Iron	56-2	796930	793006	802486	797474	0.60	cps
Iron	57-2	19809	19425	19709	19648	1.01	cps
Lead	206-1	194449	193858	192711	193673	0.46	cps
Lead	207-1	164277	164918	162809	164001	0.66	cps
Lead	208-1	758977	762761	758572	760103	0.30	cps
Lithium	6-1	1034441	1061426	1035698	1043855	1.46	cps
Magnesium	24-2	19097	18538	18479	18705	1.82	cps
Manganese	55-2	11845	11638	12002	11829	1.54	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1067	917	825	936	13.03	cps
Molybdenum	95-1	608	525	500	544	10.42	cps
Molybdenum	96-1	700	833	667	733	12.03	cps
Molybdenum	97-1	367	350	375	364	3.50	cps
Molybdenum	98-1	1008	925	933	956	4.80	cps
Neodymium	150-1	1907	2020	2094	2007	4.69	cps
Neodymium	150-2	230	220	243	231	5.06	cps
Nickel	60-2	1123	1107	1260	1163	7.23	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	3884	3584	3459	3642	6.00	cps
Rhodium	103-1	6345917	6356465	6387189	6363190	0.34	cps
Rhodium	103-2	1666431	1681959	1444705	1597698	8.31	cps
Scandium	45-1	3827777	3777400	3804087	3803088	0.66	cps
Scandium	45-2	30587	29952	25818	28786	9.00	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	-71	-54	43	-27	-224.94	cps
Silicon	28-1	1023260	1018916	1024938	1022372	0.30	cps
Silver	109-1	658	667	492	606	16.30	cps
Silver	107-1	667	717	667	683	4.22	cps
Sodium	23-2	10729	10379	10796	10635	2.11	cps
Strontium	86-1	37837	37929	37619	37795	0.42	cps
Strontium	88-1	331426	329983	329781	330397	0.27	cps
Sulfur	34-1	335650	338331	340150	338044	0.67	cps
Terbium	159-1	8960935	8953953	8890650	8935179	0.43	cps
Terbium	159-2	1749502	1721258	1482159	1650973	8.90	cps
Thallium	203-1	125	158	142	142	11.77	cps
Thallium	205-1	283	392	308	328	17.31	cps
Tin	118-1	40696	40203	41741	40880	1.92	cps
Titanium	47-1	18914	19314	19206	19144	1.08	cps
Uranium	238-1	1108	1092	1200	1133	5.15	cps
Vanadium	51-2	1057	927	990	991	6.56	cps
Yttrium	89-1	7060409	7113285	7021045	7064913	0.66	cps
Yttrium	89-2	213397	209941	180185	201174	9.08	cps
Zinc	66-2	8593	8780	8830	8734	1.43	cps
Zirconium	90-1	1942	1609	1850	1800	9.57	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:11:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	375	383	375	2.22	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3517	3626	3634	3592	1.81	cps
Antimony	121-1	5243	5135	4993	5123	2.45	cps
Arsenic	75-2	83	83	72	80	8.06	cps
Barium	135-1	32140	33836	33560	33179	2.74	cps
Barium	137-1	57844	58489	58697	58344	0.76	cps
Beryllium	9-1	133	72	106	104	29.51	cps
Bismuth	209-1	5649563	5599702	5681029	5643431	0.73	cps
Bismuth	209-2	1416530	1399738	1399016	1405095	0.71	cps
Boron	10-1	375	317	308	333	10.90	cps
Boron	11-1	1567	1400	1492	1486	5.62	cps
Cadmium	111-1	1176	1188	1121	1162	3.08	cps
Cadmium	106-1	1375	1425	1275	1358	5.62	cps
Cadmium	108-1	46	25	13	28	60.62	cps
Calcium	43-1	69967	71726	71156	70950	1.26	cps
Calcium	44-1	1130622	1134779	1143441	1136281	0.58	cps
Chromium	52-2	3581	3561	3567	3569	0.29	cps
Cobalt	59-2	1147	1283	1287	1239	6.45	cps
Copper	63-2	12232	11982	12359	12191	1.57	cps
Dysprosium	156-1	1208	1350	1483	1347	10.21	cps
Dysprosium	156-2	233	290	290	271	12.07	cps
Erbium	164-1	1325	1475	1175	1325	11.32	cps
Erbium	164-2	237	270	233	247	8.22	cps
Gadolinium	160-1	1467	1267	1317	1350	7.71	cps
Gadolinium	160-2	327	400	323	350	12.38	cps
Holmium	165-1	8633079	8608378	8624434	8621964	0.15	cps
Holmium	165-2	1795612	1747391	1768739	1770580	1.36	cps
Indium	115-1	6861591	6859611	6829432	6850211	0.26	cps
Indium	115-2	288954	284916	285184	286351	0.79	cps
Iron	56-2	780501	780236	778466	779734	0.14	cps
Iron	57-2	19848	20215	19130	19731	2.80	cps
Lead	206-1	190379	189470	190622	190157	0.32	cps
Lead	207-1	162021	160619	161859	161500	0.47	cps
Lead	208-1	748744	745636	750096	748159	0.31	cps
Lithium	6-1	1024581	1024591	1026884	1025352	0.13	cps
Magnesium	24-2	18304	17954	18254	18171	1.04	cps
Manganese	55-2	11535	11211	11395	11380	1.43	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	775	717	933	808	13.87	cps
Molybdenum	95-1	483	508	633	542	14.84	cps
Molybdenum	96-1	733	792	908	811	10.99	cps
Molybdenum	97-1	292	417	358	356	17.59	cps
Molybdenum	98-1	725	917	917	853	12.98	cps
Neodymium	150-1	1874	1640	1807	1774	6.78	cps
Neodymium	150-2	260	227	260	249	7.73	cps
Nickel	60-2	1090	993	1187	1090	8.87	cps
Phosphorus	31-2	50	17	42	36	48.03	cps
Potassium	39-2	3267	3384	3451	3367	2.76	cps
Rhodium	103-1	6323212	6365821	6373662	6354232	0.43	cps
Rhodium	103-2	1684179	1664899	1661906	1670328	0.72	cps
Scandium	45-1	3815657	3810996	3823082	3816579	0.16	cps
Scandium	45-2	30196	29915	30296	30136	0.66	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	11	-14	-56	-20	-171.38	cps
Silicon	28-1	1022048	1031604	1043777	1032476	1.05	cps
Silver	109-1	583	600	642	608	4.94	cps
Silver	107-1	683	758	567	669	14.43	cps
Sodium	23-2	9745	9846	10338	9976	3.18	cps
Strontium	86-1	37603	37135	38054	37597	1.22	cps
Strontium	88-1	324164	330403	324965	326511	1.04	cps
Sulfur	34-1	345173	339719	340161	341685	0.89	cps
Terbium	159-1	8910915	8855563	8922021	8896166	0.40	cps
Terbium	159-2	1755177	1714409	1711264	1726950	1.42	cps
Thallium	203-1	192	158	225	192	17.39	cps
Thallium	205-1	308	267	358	311	14.75	cps
Tin	118-1	40646	40035	39668	40116	1.23	cps
Titanium	47-1	18688	18838	19348	18958	1.82	cps
Uranium	238-1	1017	1017	1025	1020	0.47	cps
Vanadium	51-2	990	933	990	971	3.37	cps
Yttrium	89-1	7090014	7177048	7081710	7116258	0.74	cps
Yttrium	89-2	212621	208533	210532	210562	0.97	cps
Zinc	66-2	8680	8760	8856	8765	1.01	cps
Zirconium	90-1	1617	1809	1825	1750	6.62	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01DDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:14:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	408	392	411	5.10	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	817	767	767	6.52	cps
Antimony	121-1	1183	917	1025	1042	12.88	cps
Arsenic	75-2	17	13	11	14	20.85	cps
Barium	135-1	5693	6419	6202	6104	6.10	cps
Barium	137-1	10088	11230	10054	10457	6.40	cps
Beryllium	9-1	67	67	61	65	4.95	cps
Bismuth	209-1	5058120	5409417	5136738	5201425	3.54	cps
Bismuth	209-2	1288423	1390479	1337347	1338750	3.81	cps
Boron	10-1	217	242	192	217	11.54	cps
Boron	11-1	933	1067	1108	1036	8.82	cps
Cadmium	111-1	725	921	926	857	13.33	cps
Cadmium	106-1	983	1233	1225	1147	12.38	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	13240	15509	13549	14099	8.73	cps
Calcium	44-1	216043	234725	218723	223163	4.53	cps
Chromium	52-2	1130	1303	1117	1183	8.80	cps
Cobalt	59-2	230	260	227	239	7.69	cps
Copper	63-2	2334	2424	2390	2382	1.91	cps
Dysprosium	156-1	250	350	225	275	24.05	cps
Dysprosium	156-2	53	57	53	54	3.54	cps
Erbium	164-1	225	325	283	278	18.08	cps
Erbium	164-2	50	77	27	51	48.95	cps
Gadolinium	160-1	192	175	267	211	23.13	cps
Gadolinium	160-2	57	77	60	64	16.63	cps
Holmium	165-1	7701818	8169626	7649916	7840454	3.65	cps
Holmium	165-2	1608349	1738975	1685903	1677742	3.92	cps
Indium	115-1	6143820	6535782	6165482	6281695	3.51	cps
Indium	115-2	263350	281551	270703	271868	3.37	cps
Iron	56-2	145103	154260	150442	149935	3.07	cps
Iron	57-2	3812	3951	3539	3767	5.55	cps
Lead	206-1	35740	38241	36186	36722	3.63	cps
Lead	207-1	30214	32570	30771	31185	3.95	cps
Lead	208-1	140663	150316	141564	144181	3.70	cps
Lithium	6-1	901172	988372	959977	949840	4.68	cps
Magnesium	24-2	3326	4034	3851	3737	9.84	cps
Manganese	55-2	2074	2484	2184	2247	9.45	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	300	300	314	7.66	cps
Molybdenum	95-1	142	133	150	142	5.88	cps
Molybdenum	96-1	225	125	200	183	28.39	cps
Molybdenum	97-1	158	50	158	122	51.18	cps
Molybdenum	98-1	225	233	250	236	5.39	cps
Neodymium	150-1	340	367	360	356	3.90	cps
Neodymium	150-2	27	50	30	36	35.49	cps
Nickel	60-2	233	277	283	264	10.27	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	2650	2842	2800	2764	3.65	cps
Rhodium	103-1	5711559	6161721	5829227	5900835	3.96	cps
Rhodium	103-2	1540593	1651533	1561734	1584620	3.72	cps
Scandium	45-1	3415876	3715212	3490983	3540690	4.40	cps
Scandium	45-2	28132	30350	28365	28949	4.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	45	8	67	40	74.30	cps
Silicon	28-1	481476	498454	487772	489234	1.75	cps
Silver	109-1	383	317	283	328	15.53	cps
Silver	107-1	392	325	383	367	9.91	cps
Sodium	23-2	8820	8828	8470	8706	2.35	cps
Strontium	86-1	7286	7519	7611	7472	2.24	cps
Strontium	88-1	58611	62167	58484	59754	3.50	cps
Sulfur	34-1	343622	345155	343717	344164	0.25	cps
Terbium	159-1	7994782	8614602	8135451	8248278	3.94	cps
Terbium	159-2	1535856	1693686	1645067	1624869	4.97	cps
Thallium	203-1	167	133	200	167	20.00	cps
Thallium	205-1	475	458	342	425	17.09	cps
Tin	118-1	7861	8662	7936	8153	5.42	cps
Titanium	47-1	3876	3684	3692	3751	2.89	cps
Uranium	238-1	175	208	275	219	23.20	cps
Vanadium	51-2	163	123	167	151	15.96	cps
Yttrium	89-1	6292614	6756360	6345282	6464752	3.93	cps
Yttrium	89-2	191272	206565	200028	199288	3.85	cps
Zinc	66-2	1613	1713	1797	1708	5.38	cps
Zirconium	90-1	625	683	417	575	24.38	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-11 13:17:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	150	108	125	17.64	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3692	3726	3676	3698	0.69	cps
Antimony	121-1	13649	13207	13174	13343	1.99	cps
Arsenic	75-2	131	109	115	119	9.76	cps
Barium	135-1	69282	68109	69165	68852	0.94	cps
Barium	137-1	121849	122707	121487	122014	0.51	cps
Beryllium	9-1	639	600	583	607	4.69	cps
Bismuth	209-1	5666830	5637759	5579583	5628057	0.79	cps
Bismuth	209-2	1401383	1389546	1394035	1394988	0.43	cps
Boron	10-1	275	325	267	289	10.92	cps
Boron	11-1	1308	1558	1375	1414	9.16	cps
Cadmium	111-1	2089	2140	2079	2103	1.56	cps
Cadmium	106-1	1500	1534	1475	1503	1.95	cps
Cadmium	108-1	88	125	71	94	29.37	cps
Calcium	43-1	69087	70427	69791	69768	0.96	cps
Calcium	44-1	1135735	1141080	1142488	1139768	0.31	cps
Chromium	52-2	5081	5238	5164	5161	1.52	cps
Cobalt	59-2	9527	9567	9603	9566	0.40	cps
Copper	63-2	15929	15652	15262	15615	2.15	cps
Dysprosium	156-1	1242	1283	1467	1331	9.00	cps
Dysprosium	156-2	273	267	300	280	6.30	cps
Erbium	164-1	1300	1208	1634	1381	16.20	cps
Erbium	164-2	253	217	223	231	8.45	cps
Gadolinium	160-1	1467	1225	1433	1375	9.53	cps
Gadolinium	160-2	383	367	397	382	3.93	cps
Holmium	165-1	8481395	8540064	8532442	8517967	0.37	cps
Holmium	165-2	1779448	1741642	1754294	1758461	1.09	cps
Indium	115-1	6689778	6773140	6808322	6757080	0.90	cps
Indium	115-2	284053	285710	282053	283939	0.64	cps
Iron	56-2	778022	775066	771627	774905	0.41	cps
Iron	57-2	19114	19770	19653	19512	1.79	cps
Lead	206-1	191324	191460	191228	191338	0.06	cps
Lead	207-1	160107	161183	161615	160969	0.48	cps
Lead	208-1	750981	747920	751961	750288	0.28	cps
Lithium	6-1	1028587	1023506	1046213	1032769	1.15	cps
Magnesium	24-2	18288	18446	18788	18507	1.38	cps
Manganese	55-2	12152	12456	12199	12269	1.33	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1108	892	983	995	10.94	cps
Molybdenum	95-1	483	608	558	550	11.44	cps
Molybdenum	96-1	817	1008	800	875	13.23	cps
Molybdenum	97-1	325	350	408	361	11.84	cps
Molybdenum	98-1	958	883	925	922	4.08	cps
Neodymium	150-1	1854	1807	1747	1802	2.97	cps
Neodymium	150-2	237	273	260	257	7.23	cps
Nickel	60-2	3904	3657	3347	3636	7.67	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	3067	3301	3476	3281	6.25	cps
Rhodium	103-1	6323149	6348447	6320995	6330864	0.24	cps
Rhodium	103-2	1670262	1646785	1644247	1653765	0.87	cps
Scandium	45-1	3777932	3808293	3810232	3798819	0.48	cps
Scandium	45-2	30046	29702	29768	29839	0.61	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	4	9	7	41.70	cps
Selenium	82-1	109	132	111	117	11.11	cps
Silicon	28-1	1046606	1080706	1051150	1059487	1.75	cps
Silver	109-1	4568	4776	4684	4676	2.23	cps
Silver	107-1	4801	4859	4893	4851	0.96	cps
Sodium	23-2	10463	9804	10029	10098	3.32	cps
Strontium	86-1	37695	37394	37310	37466	0.54	cps
Strontium	88-1	322745	323262	323087	323032	0.08	cps
Sulfur	34-1	353797	357623	356208	355876	0.54	cps
Terbium	159-1	8830778	8958505	8850230	8879837	0.77	cps
Terbium	159-2	1734543	1695111	1710239	1713298	1.16	cps
Thallium	203-1	3751	3651	3684	3695	1.38	cps
Thallium	205-1	8645	7719	8228	8197	5.66	cps
Tin	118-1	39234	38339	39351	38975	1.42	cps
Titanium	47-1	18888	19014	18797	18900	0.58	cps
Uranium	238-1	1142	1100	1033	1092	5.01	cps
Vanadium	51-2	3761	3521	3577	3619	3.47	cps
Yttrium	89-1	6994439	7095834	7029894	7040056	0.73	cps
Yttrium	89-2	209490	209166	207869	208842	0.41	cps
Zinc	66-2	9267	9040	9533	9280	2.66	cps
Zirconium	90-1	1784	2452	1817	2017	18.67	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-01SDLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(0-1)-100517S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:20:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	375	325	367	10.41	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2725	2617	2759	2700	2.74	cps
Antimony	121-1	2167	1834	2009	2003	8.33	cps
Arsenic	75-2	93	72	100	88	16.30	cps
Barium	135-1	96651	96895	95484	96343	0.78	cps
Barium	137-1	168392	170619	166612	168541	1.19	cps
Beryllium	9-1	106	83	83	91	14.14	cps
Bismuth	209-1	5550549	5562568	5569051	5560723	0.17	cps
Bismuth	209-2	1379799	1382733	1378660	1380397	0.15	cps
Boron	10-1	208	258	208	225	12.83	cps
Boron	11-1	1133	1083	1225	1147	6.26	cps
Cadmium	111-1	1143	1143	1178	1155	1.71	cps
Cadmium	106-1	1350	1400	1375	1375	1.82	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	13549	13098	13290	13312	1.70	cps
Calcium	44-1	216174	216733	214372	215760	0.57	cps
Chromium	52-2	2597	2854	2707	2719	4.74	cps
Cobalt	59-2	1180	1077	1100	1119	4.84	cps
Copper	63-2	11989	11705	11448	11714	2.31	cps
Dysprosium	156-1	1659	1659	1634	1650	0.88	cps
Dysprosium	156-2	360	330	417	369	11.93	cps
Erbium	164-1	1550	1492	1575	1539	2.78	cps
Erbium	164-2	293	273	290	286	3.75	cps
Gadolinium	160-1	1642	1475	2025	1714	16.46	cps
Gadolinium	160-2	447	497	433	459	7.28	cps
Holmium	165-1	8403669	8349723	8504307	8419233	0.93	cps
Holmium	165-2	1754744	1764471	1744882	1754699	0.56	cps
Indium	115-1	6736921	6714930	6698507	6716786	0.29	cps
Indium	115-2	280811	281570	279900	280760	0.30	cps
Iron	56-2	817895	819551	819132	818859	0.11	cps
Iron	57-2	20365	21306	21100	20924	2.36	cps
Lead	206-1	265024	266401	264151	265192	0.43	cps
Lead	207-1	223798	225423	221008	223409	1.00	cps
Lead	208-1	1034840	1037741	1031572	1034718	0.30	cps
Lithium	6-1	1017096	1027377	1031904	1025459	0.74	cps
Magnesium	24-2	4109	4217	3951	4092	3.28	cps
Manganese	55-2	8433	8513	8576	8507	0.84	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1000	1200	883	1028	15.58	cps
Molybdenum	95-1	383	508	500	464	15.07	cps
Molybdenum	96-1	583	558	708	617	13.03	cps
Molybdenum	97-1	342	225	167	244	36.45	cps
Molybdenum	98-1	717	625	650	664	7.14	cps
Neodymium	150-1	2714	2587	2587	2629	2.78	cps
Neodymium	150-2	310	347	363	340	8.02	cps
Nickel	60-2	713	527	703	648	16.21	cps
Phosphorus	31-2	33	33	8	25	57.74	cps
Potassium	39-2	2975	3100	2884	2987	3.64	cps
Rhodium	103-1	6320075	6258408	6353319	6310601	0.76	cps
Rhodium	103-2	1675179	1664316	1654666	1664720	0.62	cps
Scandium	45-1	3800250	3765289	3747383	3770974	0.71	cps
Scandium	45-2	30276	29735	29922	29978	0.92	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-40	-21	-104	-55	-79.76	cps
Silicon	28-1	460970	459252	458455	459559	0.28	cps
Silver	109-1	533	558	542	544	2.34	cps
Silver	107-1	483	525	558	522	7.20	cps
Sodium	23-2	9704	9637	9762	9701	0.65	cps
Strontium	86-1	9896	10588	10154	10213	3.42	cps
Strontium	88-1	83598	84646	82600	83614	1.22	cps
Sulfur	34-1	350288	351719	351337	351114	0.21	cps
Terbium	159-1	8782892	8778812	8769114	8776939	0.08	cps
Terbium	159-2	1718154	1699274	1695655	1704361	0.71	cps
Thallium	203-1	250	225	167	214	19.99	cps
Thallium	205-1	317	367	317	333	8.66	cps
Tin	118-1	32641	33911	33292	33281	1.91	cps
Titanium	47-1	21768	21743	21626	21712	0.35	cps
Uranium	238-1	1617	1692	1700	1670	2.75	cps
Vanadium	51-2	1193	1260	1237	1230	2.75	cps
Yttrium	89-1	6956569	6896408	6934327	6929101	0.44	cps
Yttrium	89-2	207832	207528	205844	207068	0.52	cps
Zinc	66-2	7319	7329	7375	7341	0.41	cps
Zirconium	90-1	2209	2117	2109	2145	2.59	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-23(1-3)-100517	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:23:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	567	525	506	14.40	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2625	3276	2792	2898	11.65	cps
Antimony	121-1	1283	1358	1367	1336	3.44	cps
Arsenic	75-2	69	96	89	85	17.01	cps
Barium	135-1	117643	120318	118887	118950	1.13	cps
Barium	137-1	206667	208105	206225	206999	0.47	cps
Beryllium	9-1	150	56	39	81	73.54	cps
Bismuth	209-1	5485747	5416391	5468743	5456960	0.66	cps
Bismuth	209-2	1350962	1354248	1350680	1351963	0.15	cps
Boron	10-1	217	225	192	211	8.22	cps
Boron	11-1	808	925	892	875	6.87	cps
Cadmium	111-1	1278	1063	1347	1229	12.08	cps
Cadmium	106-1	1458	1250	1575	1428	11.53	cps
Cadmium	108-1	25	42	38	35	24.98	cps
Calcium	43-1	19322	18455	18772	18850	2.33	cps
Calcium	44-1	293213	294192	297700	295035	0.80	cps
Chromium	52-2	2050	2144	2040	2078	2.74	cps
Cobalt	59-2	1007	923	867	932	7.55	cps
Copper	63-2	9774	9537	10064	9791	2.70	cps
Dysprosium	156-1	1442	1183	1325	1317	9.83	cps
Dysprosium	156-2	317	267	320	301	9.92	cps
Erbium	164-1	1300	1058	1108	1156	11.04	cps
Erbium	164-2	240	267	237	248	6.64	cps
Gadolinium	160-1	1525	1383	1483	1464	4.97	cps
Gadolinium	160-2	317	320	293	310	4.69	cps
Holmium	165-1	8291498	8235462	8344067	8290343	0.66	cps
Holmium	165-2	1724515	1707448	1712799	1714921	0.51	cps
Indium	115-1	6615338	6584431	6620453	6606741	0.29	cps
Indium	115-2	277451	275531	276417	276466	0.35	cps
Iron	56-2	648196	645625	651837	648553	0.48	cps
Iron	57-2	15437	15843	17072	16117	5.28	cps
Lead	206-1	369403	369975	369234	369537	0.11	cps
Lead	207-1	311774	314774	310908	312485	0.65	cps
Lead	208-1	1448853	1455245	1441999	1448699	0.46	cps
Lithium	6-1	1020537	1017698	1018713	1018982	0.14	cps
Magnesium	24-2	7269	7677	7244	7397	3.29	cps
Manganese	55-2	6662	6655	6898	6738	2.06	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	775	775	742	7.78	cps
Molybdenum	95-1	467	392	358	406	13.68	cps
Molybdenum	96-1	550	475	892	639	34.79	cps
Molybdenum	97-1	217	192	275	228	18.77	cps
Molybdenum	98-1	533	542	433	503	11.99	cps
Neodymium	150-1	1840	1987	2180	2002	8.52	cps
Neodymium	150-2	213	293	243	250	16.17	cps
Nickel	60-2	683	640	623	649	4.77	cps
Phosphorus	31-2	25	33	17	25	33.32	cps
Potassium	39-2	2650	2850	2775	2759	3.66	cps
Rhodium	103-1	6096280	6125237	6253840	6158452	1.36	cps
Rhodium	103-2	1602461	1608362	1604826	1605216	0.19	cps
Scandium	45-1	3686045	3686268	3757512	3709942	1.11	cps
Scandium	45-2	29698	29448	29645	29597	0.45	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-13	-1	-34	-16	-106.49	cps
Silicon	28-1	586262	584353	581534	584050	0.41	cps
Silver	109-1	408	492	417	439	10.46	cps
Silver	107-1	475	392	567	478	18.32	cps
Sodium	23-2	9045	9137	8987	9056	0.83	cps
Strontium	86-1	11330	11681	11772	11594	2.01	cps
Strontium	88-1	97649	96322	96565	96845	0.73	cps
Sulfur	34-1	346464	343076	342921	344154	0.58	cps
Terbium	159-1	8539369	8592214	8690263	8607282	0.89	cps
Terbium	159-2	1669767	1678242	1664307	1670772	0.42	cps
Thallium	203-1	200	283	208	231	19.91	cps
Thallium	205-1	367	475	425	422	12.84	cps
Tin	118-1	9971	10213	9554	9912	3.36	cps
Titanium	47-1	16410	17654	16969	17011	3.66	cps
Uranium	238-1	817	583	850	750	19.37	cps
Vanadium	51-2	863	790	913	856	7.25	cps
Yttrium	89-1	6871861	6783817	6898744	6851474	0.88	cps
Yttrium	89-2	203276	202693	204016	203328	0.33	cps
Zinc	66-2	11892	11892	11632	11805	1.27	cps
Zirconium	90-1	1483	1550	1258	1431	10.68	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-03DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:27:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	308	433	367	17.16	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2942	2709	3042	2898	5.90	cps
Antimony	121-1	575	542	583	567	3.89	cps
Arsenic	75-2	35	48	48	44	17.07	cps
Barium	135-1	18789	18931	18731	18817	0.55	cps
Barium	137-1	32299	33594	32466	32786	2.15	cps
Beryllium	9-1	106	89	72	89	18.75	cps
Bismuth	209-1	5638131	5623740	5586006	5615959	0.48	cps
Bismuth	209-2	1399239	1381478	1400295	1393671	0.76	cps
Boron	10-1	167	175	158	167	5.00	cps
Boron	11-1	842	808	858	836	3.04	cps
Cadmium	111-1	975	874	1031	960	8.25	cps
Cadmium	106-1	1342	1208	1425	1325	8.25	cps
Cadmium	108-1	21	25	13	19	32.73	cps
Calcium	43-1	23487	24439	24489	24138	2.34	cps
Calcium	44-1	375740	374910	379403	376684	0.63	cps
Chromium	52-2	1230	1223	1330	1261	4.74	cps
Cobalt	59-2	860	853	880	864	1.61	cps
Copper	63-2	5911	5948	5805	5888	1.26	cps
Dysprosium	156-1	1675	1475	1792	1647	9.72	cps
Dysprosium	156-2	473	450	370	431	12.57	cps
Erbium	164-1	1517	1800	1650	1656	8.56	cps
Erbium	164-2	363	293	340	332	10.73	cps
Gadolinium	160-1	1650	1934	1834	1806	7.96	cps
Gadolinium	160-2	547	520	417	494	13.89	cps
Holmium	165-1	8506141	8415581	8493774	8471832	0.58	cps
Holmium	165-2	1779841	1754035	1748631	1760836	0.95	cps
Indium	115-1	6866489	6793817	6722829	6794379	1.06	cps
Indium	115-2	288762	287056	283432	286416	0.95	cps
Iron	56-2	458734	456094	459295	458041	0.37	cps
Iron	57-2	11032	11372	11766	11390	3.23	cps
Lead	206-1	100164	99213	97886	99088	1.16	cps
Lead	207-1	83943	83585	83971	83833	0.26	cps
Lead	208-1	390753	387658	386825	388412	0.53	cps
Lithium	6-1	1041539	1016616	1028616	1028924	1.21	cps
Magnesium	24-2	5535	5843	6127	5835	5.07	cps
Manganese	55-2	10921	11021	10838	10927	0.84	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	550	442	500	10.93	cps
Molybdenum	95-1	375	308	300	328	12.54	cps
Molybdenum	96-1	375	442	433	417	8.72	cps
Molybdenum	97-1	175	242	100	172	41.15	cps
Molybdenum	98-1	467	475	625	522	17.06	cps
Neodymium	150-1	2680	2694	2520	2631	3.67	cps
Neodymium	150-2	327	367	317	337	7.86	cps
Nickel	60-2	533	443	537	504	10.50	cps
Phosphorus	31-2	42	58	8	36	70.51	cps
Potassium	39-2	2884	3117	2809	2937	5.48	cps
Rhodium	103-1	6394757	6314148	6360040	6356315	0.64	cps
Rhodium	103-2	1685407	1675842	1651519	1670923	1.05	cps
Scandium	45-1	3831477	3776756	3793503	3800579	0.74	cps
Scandium	45-2	30016	30203	30099	30106	0.31	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-1	-20	-31	-17	-89.18	cps
Silicon	28-1	590988	592205	589775	590990	0.21	cps
Silver	109-1	192	208	358	253	36.31	cps
Silver	107-1	300	258	375	311	19.00	cps
Sodium	23-2	8936	8636	8728	8767	1.75	cps
Strontium	86-1	9162	9162	9170	9165	0.05	cps
Strontium	88-1	74572	74990	75057	74873	0.35	cps
Sulfur	34-1	349102	348088	346736	347975	0.34	cps
Terbium	159-1	8872870	8737919	8848624	8819804	0.82	cps
Terbium	159-2	1735724	1757043	1704921	1732562	1.51	cps
Thallium	203-1	133	150	217	167	26.46	cps
Thallium	205-1	533	392	475	467	15.26	cps
Tin	118-1	5660	5318	5343	5440	3.50	cps
Titanium	47-1	8720	8887	8853	8820	1.00	cps
Uranium	238-1	825	908	975	903	8.33	cps
Vanadium	51-2	827	847	830	834	1.28	cps
Yttrium	89-1	7104139	7028152	6968248	7033513	0.97	cps
Yttrium	89-2	213466	210116	210740	211441	0.84	cps
Zinc	66-2	2550	2520	2370	2480	3.89	cps
Zirconium	90-1	1142	950	992	1028	9.81	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-04DLX20	Instrumnet Name :	P8
Client Sample ID :	B-22(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:30:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	158	250	214	22.83	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3151	3200	3167	3173	0.80	cps
Antimony	121-1	2567	3042	3284	2964	12.30	cps
Arsenic	75-2	87	98	93	93	6.00	cps
Barium	135-1	130226	136329	134200	133585	2.32	cps
Barium	137-1	226262	241755	233172	233730	3.32	cps
Beryllium	9-1	61	94	83	80	21.32	cps
Bismuth	209-1	5199180	5455263	5296516	5316986	2.43	cps
Bismuth	209-2	1393543	1403045	1395872	1397487	0.35	cps
Boron	10-1	225	233	275	244	10.96	cps
Boron	11-1	875	975	1083	978	10.66	cps
Cadmium	111-1	1278	1335	1347	1320	2.77	cps
Cadmium	106-1	1258	1400	1425	1361	6.60	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	48426	52725	49329	50160	4.52	cps
Calcium	44-1	796552	838561	816577	817230	2.57	cps
Chromium	52-2	3821	4271	3984	4025	5.66	cps
Cobalt	59-2	1363	1467	1600	1477	8.04	cps
Copper	63-2	43856	44291	43966	44037	0.51	cps
Dysprosium	156-1	1217	1267	1050	1178	9.63	cps
Dysprosium	156-2	203	237	230	223	7.90	cps
Erbium	164-1	950	833	1033	939	10.70	cps
Erbium	164-2	207	233	213	218	6.37	cps
Gadolinium	160-1	1333	1075	1033	1147	14.17	cps
Gadolinium	160-2	287	283	290	287	1.16	cps
Holmium	165-1	7831701	8339200	8059978	8076960	3.15	cps
Holmium	165-2	1752423	1778096	1773875	1768131	0.78	cps
Indium	115-1	6242029	6743087	6425864	6470327	3.92	cps
Indium	115-2	286929	287603	286539	287024	0.19	cps
Iron	56-2	1058353	1070729	1071931	1067004	0.70	cps
Iron	57-2	26849	26002	26119	26324	1.74	cps
Lead	206-1	457770	485409	469539	470906	2.95	cps
Lead	207-1	397141	412895	398815	402950	2.15	cps
Lead	208-1	1817218	1906216	1850846	1858094	2.42	cps
Lithium	6-1	954228	1002729	979616	978858	2.48	cps
Magnesium	24-2	13182	13624	14233	13679	3.86	cps
Manganese	55-2	7652	7792	8102	7849	2.94	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1025	1050	942	1006	5.64	cps
Molybdenum	95-1	650	900	725	758	16.92	cps
Molybdenum	96-1	767	825	808	800	3.76	cps
Molybdenum	97-1	492	517	358	456	18.69	cps
Molybdenum	98-1	1217	1125	1308	1217	7.53	cps
Neodymium	150-1	1593	1547	1734	1625	5.98	cps
Neodymium	150-2	260	200	233	231	13.01	cps
Nickel	60-2	1040	1027	1153	1073	6.48	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	3259	3442	3617	3439	5.21	cps
Rhodium	103-1	5821690	6260217	6045464	6042457	3.63	cps
Rhodium	103-2	1670231	1661068	1653691	1661663	0.50	cps
Scandium	45-1	3581093	3726105	3607505	3638234	2.12	cps
Scandium	45-2	30153	30764	30186	30367	1.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	2	2	4	99.03	cps
Selenium	82-1	-83	35	-12	-20	-298.65	cps
Silicon	28-1	700885	717140	694878	704301	1.64	cps
Silver	109-1	492	483	392	456	12.18	cps
Silver	107-1	550	575	475	533	9.76	cps
Sodium	23-2	9654	9820	9637	9704	1.05	cps
Strontium	86-1	22937	24064	22503	23168	3.48	cps
Strontium	88-1	193403	202896	198348	198216	2.40	cps
Sulfur	34-1	346948	353001	348469	349472	0.90	cps
Terbium	159-1	8129414	8746243	8283091	8386249	3.83	cps
Terbium	159-2	1709083	1737003	1728746	1724944	0.83	cps
Thallium	203-1	175	183	142	167	13.23	cps
Thallium	205-1	392	442	433	422	6.35	cps
Tin	118-1	15226	16336	15543	15701	3.64	cps
Titanium	47-1	19556	21325	20299	20393	4.36	cps
Uranium	238-1	942	992	1017	983	3.88	cps
Vanadium	51-2	1110	1100	1017	1076	4.76	cps
Yttrium	89-1	6456932	6955163	6704276	6705457	3.72	cps
Yttrium	89-2	211361	210796	211450	211203	0.17	cps
Zinc	66-2	10477	10411	10504	10464	0.46	cps
Zirconium	90-1	1517	1458	1725	1567	8.95	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-05DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:33:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	283	283	297	8.09	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2584	2759	2909	2750	5.91	cps
Antimony	121-1	4109	3884	4009	4001	2.82	cps
Arsenic	75-2	154	193	185	177	11.66	cps
Barium	135-1	205304	202627	201468	203133	0.97	cps
Barium	137-1	350573	354898	353143	352871	0.62	cps
Beryllium	9-1	94	106	67	89	22.53	cps
Bismuth	209-1	5632571	5597462	5573616	5601216	0.53	cps
Bismuth	209-2	1413881	1420976	1417504	1417454	0.25	cps
Boron	10-1	208	200	175	194	8.92	cps
Boron	11-1	933	958	742	878	13.50	cps
Cadmium	111-1	1684	1754	1590	1676	4.92	cps
Cadmium	106-1	1642	1709	1408	1586	9.93	cps
Cadmium	108-1	46	54	54	51	9.37	cps
Calcium	43-1	32372	30676	31461	31503	2.69	cps
Calcium	44-1	498218	494663	494930	495937	0.40	cps
Chromium	52-2	4371	4644	4554	4523	3.08	cps
Cobalt	59-2	1170	1067	1137	1125	4.69	cps
Copper	63-2	17458	18112	17845	17805	1.85	cps
Dysprosium	156-1	1225	1217	1508	1317	12.61	cps
Dysprosium	156-2	307	283	270	287	6.47	cps
Erbium	164-1	1258	1392	1283	1311	5.41	cps
Erbium	164-2	220	190	230	213	9.76	cps
Gadolinium	160-1	1283	1292	1317	1297	1.34	cps
Gadolinium	160-2	340	350	307	332	6.83	cps
Holmium	165-1	8552776	8374291	8445638	8457568	1.06	cps
Holmium	165-2	1793718	1787359	1791232	1790769	0.18	cps
Indium	115-1	6854831	6695159	6863647	6804546	1.39	cps
Indium	115-2	292107	286535	289487	289376	0.96	cps
Iron	56-2	809895	811527	816760	812727	0.44	cps
Iron	57-2	20187	20043	21117	20449	2.85	cps
Lead	206-1	846932	841812	842433	843726	0.33	cps
Lead	207-1	702649	698859	702150	701219	0.29	cps
Lead	208-1	3326404	3319687	3323763	3323285	0.10	cps
Lithium	6-1	1018881	1032357	1016919	1022719	0.82	cps
Magnesium	24-2	5585	5368	5360	5437	2.35	cps
Manganese	55-2	8166	8426	8243	8278	1.61	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	950	1000	1008	986	3.20	cps
Molybdenum	95-1	642	600	508	583	11.69	cps
Molybdenum	96-1	625	992	892	836	22.67	cps
Molybdenum	97-1	375	358	392	375	4.45	cps
Molybdenum	98-1	1017	958	850	942	8.98	cps
Neodymium	150-1	2034	1900	1987	1974	3.43	cps
Neodymium	150-2	270	267	287	274	3.91	cps
Nickel	60-2	773	827	747	782	5.21	cps
Phosphorus	31-2	58	58	50	56	8.67	cps
Potassium	39-2	3234	3209	3401	3281	3.18	cps
Rhodium	103-1	6354824	6285494	6274664	6304994	0.69	cps
Rhodium	103-2	1700892	1659877	1670803	1677190	1.27	cps
Scandium	45-1	3829185	3783391	3824885	3812487	0.66	cps
Scandium	45-2	30814	30490	30470	30591	0.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	1	14	31	15	98.42	cps
Silicon	28-1	635252	637289	632633	635058	0.37	cps
Silver	109-1	408	350	367	375	8.01	cps
Silver	107-1	500	383	592	492	21.24	cps
Sodium	23-2	9754	9187	9379	9440	3.06	cps
Strontium	86-1	24748	23580	24055	24128	2.44	cps
Strontium	88-1	204658	204386	203066	204037	0.42	cps
Sulfur	34-1	354269	352729	354563	353854	0.28	cps
Terbium	159-1	8841961	8749475	8808974	8800137	0.53	cps
Terbium	159-2	1748878	1739724	1720050	1736217	0.85	cps
Thallium	203-1	225	217	292	244	16.82	cps
Thallium	205-1	450	350	483	428	16.22	cps
Tin	118-1	29007	30034	29759	29600	1.80	cps
Titanium	47-1	20808	20860	20549	20739	0.80	cps
Uranium	238-1	1200	975	958	1045	12.92	cps
Vanadium	51-2	1123	1077	1120	1107	2.35	cps
Yttrium	89-1	7057014	6964843	7063785	7028547	0.79	cps
Yttrium	89-2	213866	212184	212624	212891	0.41	cps
Zinc	66-2	25617	25460	25440	25506	0.38	cps
Zirconium	90-1	1700	1884	1742	1775	5.41	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-06DLX20	Instrumnet Name :	P8
Client Sample ID :	B-4(1-3)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:36:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	383	408	436	16.25	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3967	3476	3392	3612	8.61	cps
Antimony	121-1	1183	1117	992	1097	8.87	cps
Arsenic	75-2	50	50	44	48	6.65	cps
Barium	135-1	33510	34437	33978	33975	1.37	cps
Barium	137-1	59953	59954	59266	59724	0.66	cps
Beryllium	9-1	50	133	83	89	47.19	cps
Bismuth	209-1	5601344	5479899	5586821	5556021	1.19	cps
Bismuth	209-2	1412185	1406175	1395627	1404662	0.60	cps
Boron	10-1	225	192	192	203	9.49	cps
Boron	11-1	800	1108	1142	1017	18.53	cps
Cadmium	111-1	1094	994	1134	1074	6.71	cps
Cadmium	106-1	1358	1258	1450	1356	7.07	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	18204	19189	19122	18838	2.92	cps
Calcium	44-1	306755	300749	303635	303713	0.99	cps
Chromium	52-2	1957	2000	2017	1991	1.56	cps
Cobalt	59-2	1894	1827	1817	1846	2.26	cps
Copper	63-2	11632	11415	11755	11601	1.48	cps
Dysprosium	156-1	1450	1367	1500	1439	4.68	cps
Dysprosium	156-2	363	283	307	318	12.95	cps
Erbium	164-1	1375	1167	1167	1236	9.73	cps
Erbium	164-2	287	253	237	259	9.83	cps
Gadolinium	160-1	1275	1542	1650	1489	12.96	cps
Gadolinium	160-2	400	380	380	387	2.99	cps
Holmium	165-1	8494507	8423015	8434549	8450690	0.45	cps
Holmium	165-2	1783832	1782863	1775260	1780652	0.26	cps
Indium	115-1	6765109	6816980	6747310	6776466	0.53	cps
Indium	115-2	290233	287447	286205	287962	0.72	cps
Iron	56-2	669225	667481	669662	668789	0.17	cps
Iron	57-2	16744	16989	16683	16805	0.96	cps
Lead	206-1	208648	205385	204812	206282	1.00	cps
Lead	207-1	177564	177609	176499	177224	0.35	cps
Lead	208-1	817802	812120	814343	814755	0.35	cps
Lithium	6-1	999549	1010504	1026265	1012106	1.33	cps
Magnesium	24-2	7619	7594	7694	7636	0.68	cps
Manganese	55-2	8643	8313	8489	8482	1.95	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	467	567	500	11.55	cps
Molybdenum	95-1	342	308	317	322	5.38	cps
Molybdenum	96-1	400	475	442	439	8.56	cps
Molybdenum	97-1	242	192	267	233	16.37	cps
Molybdenum	98-1	500	525	450	492	7.77	cps
Neodymium	150-1	2020	1914	2074	2002	4.07	cps
Neodymium	150-2	257	290	250	266	8.07	cps
Nickel	60-2	667	717	797	727	9.02	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	3201	3267	3126	3198	2.22	cps
Rhodium	103-1	6370996	6342164	6229472	6314211	1.18	cps
Rhodium	103-2	1669628	1659688	1673832	1667716	0.44	cps
Scandium	45-1	3789477	3831812	3811245	3810845	0.56	cps
Scandium	45-2	31185	30363	30684	30744	1.35	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-35	26	17	3	1291.18	cps
Silicon	28-1	557756	547450	563545	556251	1.47	cps
Silver	109-1	333	350	442	375	15.56	cps
Silver	107-1	383	400	358	381	5.51	cps
Sodium	23-2	9745	9253	10112	9704	4.44	cps
Strontium	86-1	11113	10505	10847	10821	2.82	cps
Strontium	88-1	91297	88177	85586	88353	3.24	cps
Sulfur	34-1	351624	353874	355728	353742	0.58	cps
Terbium	159-1	8780978	8791985	8712695	8761886	0.49	cps
Terbium	159-2	1720548	1716814	1739427	1725596	0.70	cps
Thallium	203-1	133	183	242	186	29.13	cps
Thallium	205-1	592	425	467	494	17.54	cps
Tin	118-1	6485	6677	6652	6605	1.58	cps
Titanium	47-1	16210	16368	16060	16213	0.95	cps
Uranium	238-1	1250	1575	1250	1358	13.81	cps
Vanadium	51-2	1530	1560	1667	1586	4.53	cps
Yttrium	89-1	7094964	7105278	7008999	7069747	0.75	cps
Yttrium	89-2	214734	211143	212766	212881	0.84	cps
Zinc	66-2	3471	3490	3307	3423	2.94	cps
Zirconium	90-1	892	817	1083	931	14.78	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-07DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(0-1)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:39:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	133	158	197	45.58	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3367	3434	3384	3395	1.02	cps
Antimony	121-1	892	833	842	856	3.69	cps
Arsenic	75-2	87	56	56	66	27.52	cps
Barium	135-1	55258	55501	55392	55383	0.22	cps
Barium	137-1	97348	96670	98323	97447	0.85	cps
Beryllium	9-1	61	56	78	65	17.84	cps
Bismuth	209-1	5528166	5485926	5486813	5500302	0.44	cps
Bismuth	209-2	1384493	1392888	1377139	1384840	0.57	cps
Boron	10-1	150	250	183	194	26.19	cps
Boron	11-1	933	833	883	883	5.66	cps
Cadmium	111-1	1106	1075	1051	1077	2.56	cps
Cadmium	106-1	1367	1333	1300	1333	2.50	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	18112	17161	17779	17684	2.73	cps
Calcium	44-1	280973	278114	278812	279300	0.53	cps
Chromium	52-2	2710	2770	2507	2663	5.18	cps
Cobalt	59-2	1850	1870	1743	1821	3.74	cps
Copper	63-2	10217	10251	10321	10263	0.51	cps
Dysprosium	156-1	1433	1383	1325	1381	3.93	cps
Dysprosium	156-2	340	377	330	349	7.04	cps
Erbium	164-1	1400	1358	1692	1483	12.25	cps
Erbium	164-2	317	227	283	276	16.51	cps
Gadolinium	160-1	1583	1517	1900	1667	12.29	cps
Gadolinium	160-2	420	427	400	416	3.34	cps
Holmium	165-1	8388880	8368646	8370280	8375935	0.13	cps
Holmium	165-2	1779826	1759935	1758470	1766077	0.68	cps
Indium	115-1	6724323	6712806	6740476	6725869	0.21	cps
Indium	115-2	284821	285413	283591	284608	0.33	cps
Iron	56-2	651152	653289	644677	649706	0.69	cps
Iron	57-2	16794	16271	16727	16597	1.71	cps
Lead	206-1	229063	231242	228814	229706	0.58	cps
Lead	207-1	195189	197350	197855	196798	0.72	cps
Lead	208-1	908114	908202	907917	908077	0.02	cps
Lithium	6-1	1018500	1041125	1020362	1026663	1.22	cps
Magnesium	24-2	7152	6860	6827	6946	2.58	cps
Manganese	55-2	6241	6405	6522	6389	2.20	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	942	767	883	11.44	cps
Molybdenum	95-1	792	608	792	731	14.49	cps
Molybdenum	96-1	900	925	808	878	7.00	cps
Molybdenum	97-1	467	492	508	489	4.29	cps
Molybdenum	98-1	1242	1125	1508	1292	15.21	cps
Neodymium	150-1	2007	2114	1740	1954	9.85	cps
Neodymium	150-2	317	220	247	261	19.12	cps
Nickel	60-2	693	770	757	740	5.54	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	3100	3217	2867	3062	5.82	cps
Rhodium	103-1	6321947	6257311	6194933	6258063	1.01	cps
Rhodium	103-2	1659941	1673815	1663793	1665850	0.43	cps
Scandium	45-1	3844052	3821734	3656783	3774190	2.71	cps
Scandium	45-2	31165	30573	29945	30561	2.00	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	6	-21	26	4	624.48	cps
Silicon	28-1	570626	566547	569749	568974	0.38	cps
Silver	109-1	1859	2034	2067	1986	5.64	cps
Silver	107-1	2342	2067	2292	2234	6.56	cps
Sodium	23-2	9187	9404	9103	9231	1.68	cps
Strontium	86-1	8753	9003	8687	8814	1.90	cps
Strontium	88-1	72334	72133	70943	71803	1.05	cps
Sulfur	34-1	354319	354884	356122	355108	0.26	cps
Terbium	159-1	8634768	8712783	8635703	8661084	0.52	cps
Terbium	159-2	1740101	1726136	1716296	1727511	0.69	cps
Thallium	203-1	175	267	117	186	40.63	cps
Thallium	205-1	358	317	483	386	22.46	cps
Tin	118-1	6519	5852	5810	6060	6.56	cps
Titanium	47-1	14642	14583	14108	14444	2.03	cps
Uranium	238-1	1125	1108	1000	1078	6.30	cps
Vanadium	51-2	1100	1207	1147	1151	4.65	cps
Yttrium	89-1	7063220	7007633	6880818	6983891	1.34	cps
Yttrium	89-2	211068	211657	210323	211016	0.32	cps
Zinc	66-2	4324	4878	4517	4573	6.14	cps
Zirconium	90-1	1042	1233	1425	1233	15.54	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	I5747-08DLX20	Instrumnet Name :	P8
Client Sample ID :	B-34(5-5.5)-100617	Dilution Factor :	20
Date & Time Acquired ::	2017-10-11 13:42:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	308	275	281	9.08	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281118	280869	282714	281567	0.36	cps
Antimony	121-1	4647772	4637782	4645442	4643665	0.11	cps
Arsenic	75-2	48152	47996	47819	47989	0.35	cps
Barium	135-1	4869167	4932862	4917628	4906552	0.68	cps
Barium	137-1	8479598	8539536	8584757	8534630	0.62	cps
Beryllium	9-1	549857	544915	546287	547020	0.47	cps
Bismuth	209-1	5344782	5388519	5363907	5365736	0.41	cps
Bismuth	209-2	1305137	1302950	1306539	1304876	0.14	cps
Boron	10-1	62545	61759	64805	63036	2.51	cps
Boron	11-1	290503	293198	304332	296011	2.48	cps
Cadmium	111-1	937375	943542	944179	941698	0.40	cps
Cadmium	106-1	99668	98828	98492	98996	0.61	cps
Cadmium	108-1	65868	66882	66480	66410	0.77	cps
Calcium	43-1	4694175	4747647	4743236	4728352	0.63	cps
Calcium	44-1	76185460	77040277	76912427	76712721	0.60	cps
Chromium	52-2	394062	391388	397269	394240	0.75	cps
Cobalt	59-2	831936	828574	827745	829418	0.27	cps
Copper	63-2	1438051	1432915	1423522	1431496	0.51	cps
Dysprosium	156-1	133	125	150	136	9.35	cps
Dysprosium	156-2	23	13	23	20	28.87	cps
Erbium	164-1	83	83	67	78	12.37	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	117	150	125	131	13.29	cps
Gadolinium	160-2	23	10	30	21	48.24	cps
Holmium	165-1	8513885	8503452	8475139	8497492	0.24	cps
Holmium	165-2	1744968	1724540	1735049	1734852	0.59	cps
Indium	115-1	6440652	6488249	6484051	6470984	0.41	cps
Indium	115-2	265486	264882	265604	265324	0.15	cps
Iron	56-2	65698363	65156333	65214664	65356453	0.46	cps
Iron	57-2	1686165	1669371	1667278	1674272	0.62	cps
Lead	206-1	2936233	2963537	2945744	2948505	0.47	cps
Lead	207-1	2672068	2689815	2676581	2679488	0.34	cps
Lead	208-1	12002660	12020493	11956448	11993200	0.28	cps
Lithium	6-1	979403	990812	998145	989453	0.95	cps
Magnesium	24-2	6687401	6724175	6675681	6695752	0.38	cps
Manganese	55-2	220379	219692	219700	219924	0.18	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3612866	3677771	3632930	3641189	0.91	cps
Molybdenum	95-1	1969086	2011670	1998404	1993053	1.09	cps
Molybdenum	96-1	2507324	2538234	2531591	2525716	0.64	cps
Molybdenum	97-1	1178212	1179097	1186664	1181324	0.39	cps
Molybdenum	98-1	3112971	3129061	3146553	3129528	0.54	cps
Neodymium	150-1	220	233	300	251	17.07	cps
Neodymium	150-2	10	0	27	12	110.23	cps
Nickel	60-2	245133	244044	244495	244557	0.22	cps
Phosphorus	31-2	3967	4151	3792	3970	4.51	cps
Potassium	39-2	1955434	1924398	1968940	1949591	1.17	cps
Rhodium	103-1	5865355	5904055	5942410	5903940	0.65	cps
Rhodium	103-2	1512642	1506389	1499402	1506144	0.44	cps
Scandium	45-1	3712096	3801202	3744164	3752488	1.20	cps
Scandium	45-2	29344	29107	29672	29374	0.97	cps
Selenium	77-2	367	383	337	362	6.53	cps
Selenium	78-2	1135	1072	1104	1104	2.85	cps
Selenium	82-1	57442	57696	57719	57619	0.27	cps
Silicon	28-1	1907938	1912118	1929188	1916415	0.59	cps
Silver	109-1	4480534	4514978	4516753	4504089	0.45	cps
Silver	107-1	4677007	4652973	4666382	4665454	0.26	cps
Sodium	23-2	15852059	15956656	15801291	15870002	0.50	cps
Strontium	86-1	1225806	1235216	1240897	1233973	0.62	cps
Strontium	88-1	10843511	10829439	10833752	10835567	0.07	cps
Sulfur	34-1	627209	625338	620953	624500	0.51	cps
Terbium	159-1	8716972	8762264	8845095	8774777	0.74	cps
Terbium	159-2	1708576	1687157	1687687	1694473	0.72	cps
Thallium	203-1	3668634	3641946	3643547	3651376	0.41	cps
Thallium	205-1	8525317	8527421	8495403	8516047	0.21	cps
Tin	118-1	3220840	3254958	3243124	3239641	0.53	cps
Titanium	47-1	487948	487108	484831	486629	0.33	cps
Uranium	238-1	12111022	12127242	11998967	12079077	0.58	cps
Vanadium	51-2	292793	291834	289538	291388	0.57	cps
Yttrium	89-1	6833436	6977800	6940514	6917250	1.08	cps
Yttrium	89-2	204720	201733	202182	202878	0.79	cps
Zinc	66-2	127927	126732	127687	127449	0.50	cps
Zirconium	90-1	6933332	6927673	6850425	6903810	0.67	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:45:56	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1531041	1567533	1565304	1554626	1.32	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:48:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	33	11	173.21	cps
Antimony	121-1	2267	2500	2734	2500	9.33	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	58	67	50	58	14.29	cps
Barium	137-1	125	100	125	117	12.38	cps
Beryllium	9-1	106	117	117	113	5.68	cps
Bismuth	209-1	5568871	5544594	5553042	5555502	0.22	cps
Bismuth	209-2	1364830	1374613	1369263	1369569	0.36	cps
Boron	10-1	2000	1800	1533	1778	13.17	cps
Boron	11-1	8653	7644	7202	7833	9.49	cps
Cadmium	111-1	1046	983	873	967	9.05	cps
Cadmium	106-1	1433	1375	1208	1339	8.72	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	1142	1075	1217	1145	6.19	cps
Calcium	44-1	15568	15476	14658	15234	3.29	cps
Chromium	52-2	617	663	673	651	4.65	cps
Cobalt	59-2	50	57	50	52	7.37	cps
Copper	63-2	220	237	183	213	12.79	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	33	17	99.99	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	83	33	47	66.82	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	8418448	8347845	8389280	8385191	0.42	cps
Holmium	165-2	1759896	1732932	1727655	1740161	0.99	cps
Indium	115-1	6665823	6727071	6668512	6687135	0.52	cps
Indium	115-2	279348	279208	278609	279055	0.14	cps
Iron	56-2	2267	2111	1967	2115	7.09	cps
Iron	57-2	50	61	61	57	11.17	cps
Lead	206-1	1472	1333	1428	1411	5.03	cps
Lead	207-1	1167	1067	1272	1169	8.80	cps
Lead	208-1	5806	5184	5495	5495	5.66	cps
Lithium	6-1	1014396	1019003	1043445	1025614	1.52	cps
Magnesium	24-2	150	150	158	153	3.15	cps
Manganese	55-2	17	13	17	16	12.40	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:48:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1100	875	842	939	14.97	cps
Molybdenum	95-1	1358	1108	1100	1189	12.35	cps
Molybdenum	96-1	1492	1350	1267	1370	8.31	cps
Molybdenum	97-1	900	700	742	781	13.52	cps
Molybdenum	98-1	2184	2159	1592	1978	16.92	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	37	43	44	18.87	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2634	2525	2634	2598	2.41	cps
Rhodium	103-1	6248090	6211680	6243208	6234326	0.32	cps
Rhodium	103-2	1626561	1636292	1623739	1628864	0.40	cps
Scandium	45-1	3712937	3768997	3747529	3743154	0.76	cps
Scandium	45-2	29478	29905	30086	29823	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-17	-29	48	1	4762.90	cps
Silicon	28-1	329961	325401	325527	326963	0.79	cps
Silver	109-1	408	375	308	364	13.99	cps
Silver	107-1	458	533	450	481	9.55	cps
Sodium	23-2	11080	10404	10613	10699	3.23	cps
Strontium	86-1	550	633	558	581	7.91	cps
Strontium	88-1	192	375	217	261	38.08	cps
Sulfur	34-1	348552	347291	347784	347876	0.18	cps
Terbium	159-1	8670108	8777658	8727726	8725164	0.62	cps
Terbium	159-2	1714232	1692810	1710812	1705951	0.67	cps
Thallium	203-1	833	633	508	658	24.90	cps
Thallium	205-1	1534	1458	1408	1467	4.29	cps
Tin	118-1	1050	858	958	956	10.03	cps
Titanium	47-1	192	208	108	169	31.62	cps
Uranium	238-1	125	225	292	214	39.22	cps
Vanadium	51-2	0	13	0	4	173.21	cps
Yttrium	89-1	6858805	6902119	6873761	6878228	0.32	cps
Yttrium	89-2	204386	204757	205908	205017	0.39	cps
Zinc	66-2	87	90	67	81	15.56	cps
Zirconium	90-1	975	900	842	906	7.38	cps

LB Number :	LB90777	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-10-11 13:48:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	217	217	203	11.86	cps