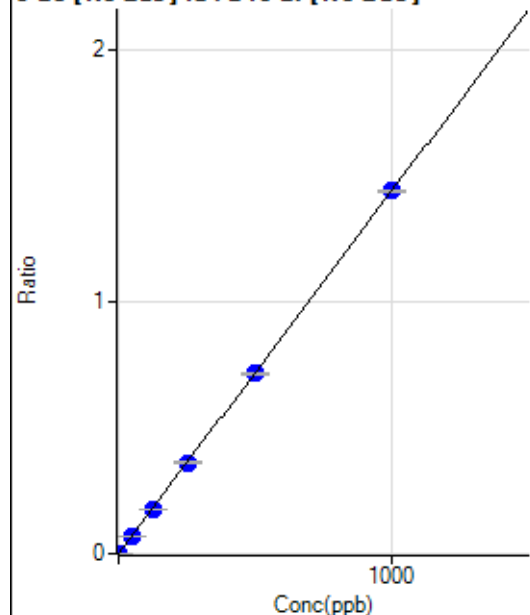


Batch Folder: D:\ICP-MS Data\P7101817-MS.b\
Analysis File: P7101817-MS.batch.bin
DA Date-Time: 2017-10-18 13:41:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2017-10-18 13:17:06
2			
3	008CALS.d	S02	2017-10-18 13:24:19
4	010CALS.d	S03	2017-10-18 13:31:51
5	011CALS.d	S04	2017-10-18 13:35:37
6	012CALS.d	S05	2017-10-18 13:39:20
7	013CALS.d	S06	2017-10-18 13:43:02
8	014CALS.d	S07	2017-10-18 13:46:38
9	015CALS.d	S08	2017-10-18 13:50:09

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.52	0.0000	P	45.5
2	☐	0.100					
3	☐	1.000	0.878	951.91	0.0013	P	11.1
4	☐	50.000	49.824	53934.90	0.0717	P	0.1
5	☐	125.000	122.534	134791.63	0.1763	P	0.8
6	☐	250.000	250.731	274749.38	0.3606	P	1.1
7	☐	500.000	498.142	563521.24	0.7165	P	0.9
8	☐	1000.000	1001.063	1107107.82	1.4398	P	0.5
9	☐			283.34	0.0004	P	9.1

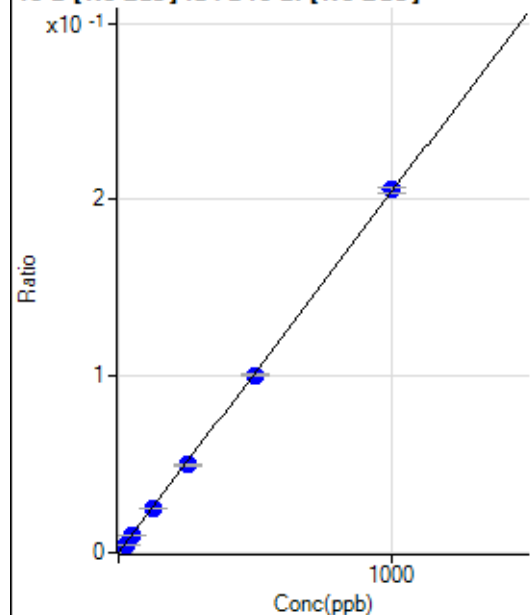
$$y = 0.0014 * x + 2.5030E-005$$

$$R = 1.0000$$

$$DL = 0.02377$$

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	50.00	0.0001	P	60.4
2	☐	2.500					
3	☐	25.000	20.825	3192.13	0.0043	P	5.3
4	☐	50.000	49.652	7674.47	0.0102	P	2.1
5	☐	125.000	121.860	19068.16	0.0249	P	0.3
6	☐	250.000	243.502	37901.13	0.0498	P	2.6
7	☐	500.000	491.315	78908.61	0.1003	P	1.2
8	☐	1000.000	1006.482	157966.38	0.2054	P	1.4
9	☐			3050.43	0.0041	P	5.0

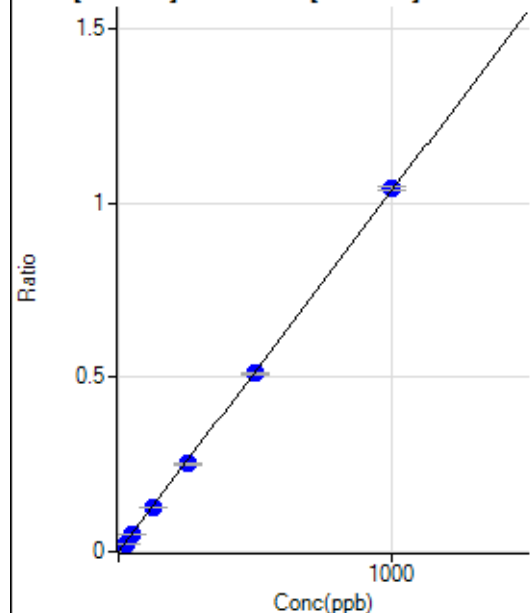
$$y = 2.0406E-004 * x + 6.7688E-005$$

$$R = 0.9999$$

$$DL = 0.6009$$

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	333.35	0.0005	P	21.8
2	☐	2.500					
3	☐	25.000	21.422	16704.30	0.0226	P	1.2
4	☐	50.000	49.473	38803.52	0.0516	P	2.1
5	☐	125.000	121.153	96090.75	0.1257	P	0.7
6	☐	250.000	244.591	192895.60	0.2532	P	2.0
7	☐	500.000	492.929	401028.36	0.5099	P	1.4
8	☐	1000.000	1005.484	799319.97	1.0396	P	1.0
9	☐			15135.95	0.0202	P	7.4

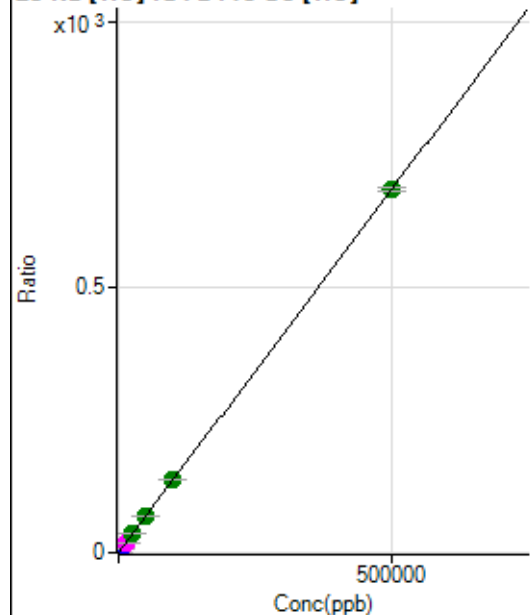
$$y = 0.0010 * x + 4.5088E-004$$

$$R = 0.9999$$

$$DL = 0.2859$$

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	19769.22	0.0983	P	1.2
2	☐	50.000					
3	☐	500.000	454.339	145729.91	0.7204	P	2.1
4	☐	5000.000	5102.061	1454165.91	7.0843	P	0.6
5	☐	12500.000	12771.638	3568151.42	17.5858	M	0.5
6	☐	25000.000	25429.157	7104941.91	34.9171	A	0.7
7	☐	50000.000	50481.060	14372731.40	69.2193	A	0.6
8	☐	100000.00	100081.00	28961293.36	137.1339	A	1.1
9	☐	500000.00	499906.47	144722087.9	684.5935	A	1.0

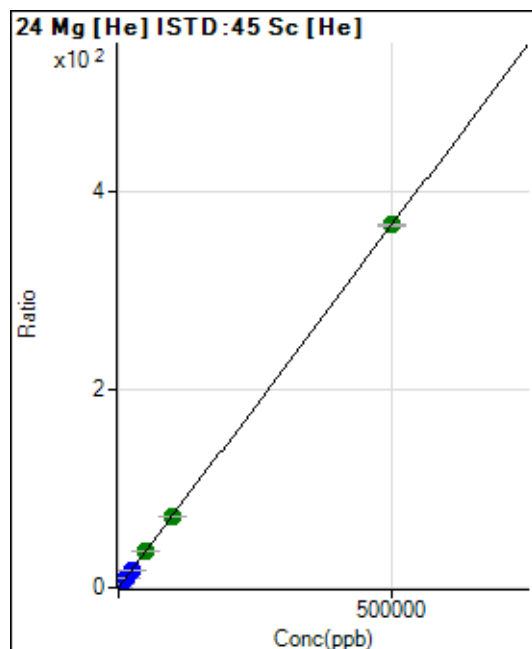
$$y = 0.0014 * x + 0.0983$$

$$R = 1.0000$$

$$DL = 2.512$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0011	P	21.2
2	☐	50.000					
3	☐	500.000	440.931	65371.31	0.3232	P	1.6
4	☐	5000.000	4959.761	743870.96	3.6239	P	0.5
5	☐	12500.000	12326.074	1827052.82	9.0046	P	0.3
6	☐	25000.000	24978.279	3712814.62	18.2464	P	0.7
7	☐	50000.000	49400.540	7492754.68	36.0856	A	0.2
8	☐	100000.00	97765.817	15081652.94	71.4139	A	0.5
9	☐	500000.00	500512.67	77288926.73	365.5992	A	0.5

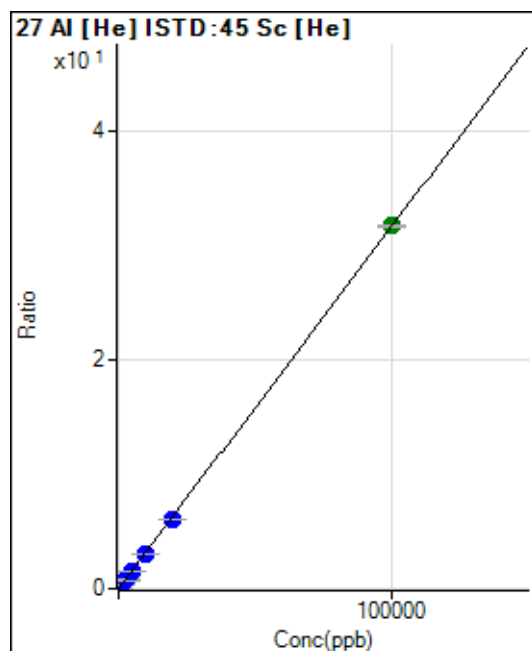
$$y = 7.3045\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.9397$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0003	P	54.5
2	☐	2.000					
3	☐	20.000	17.654	1197.32	0.0059	P	3.3
4	☐	1000.000	945.330	61488.48	0.2995	P	0.5
5	☐	2500.000	2392.036	153687.27	0.7575	P	0.5
6	☐	5000.000	4848.962	312372.56	1.5351	P	0.4
7	☐	10000.000	9665.622	635314.90	3.0597	P	0.9
8	☐	20000.000	19197.811	1283351.16	6.0768	P	0.3
9	☐	100000.00	100204.67	6705061.04	31.7170	A	0.6

$$y = 3.1652\text{E-}004 * x + 3.3157\text{E-}004$$

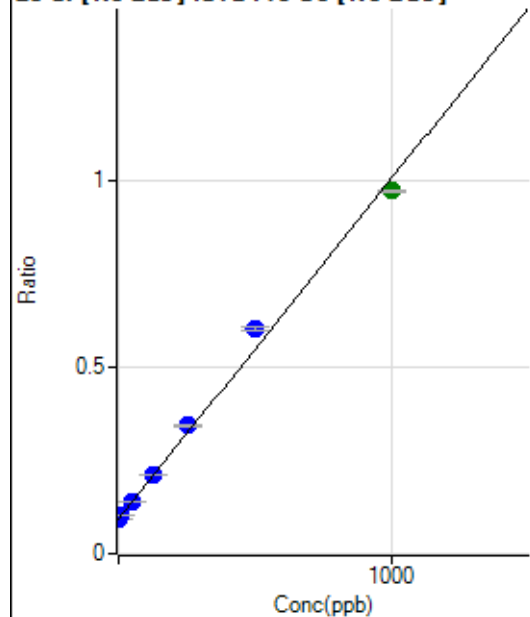
$$R = 1.0000$$

$$DL = 1.714$$

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	389002.29	0.0927	P	4.5
2	☐	1.000					
3	☐	10.000	9.754	431731.01	0.1016	P	0.4
4	☐	50.000	51.387	601502.49	0.1396	P	1.2
5	☐	125.000	130.935	907278.99	0.2122	P	0.3
6	☐	250.000	274.636	1459245.04	0.3435	P	1.1
7	☐	500.000	558.932	2590180.74	0.6030	P	0.9
8	☐	1000.000	963.566	4194285.42	0.9725	A	0.9
9	☐			433512.27	0.1042	P	1.1

$$y = 9.1306\text{E-}004 * x + 0.0927$$

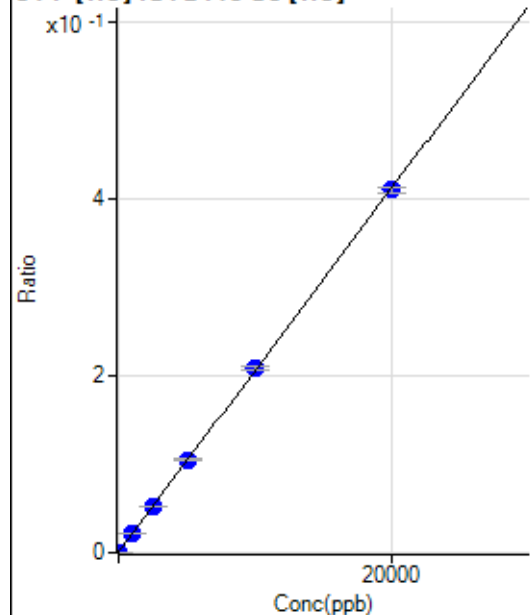
$$R = 0.9969$$

$$DL = 13.58$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.769	108.34	0.0005	P	13.5
2	☐	0.000					
3	☐	0.000	-1.769	94.45	0.0005	P	47.8
4	☐	1000.000	997.583	4320.25	0.0210	P	2.6
5	☐	2500.000	2503.508	10562.45	0.0521	P	2.0
6	☐	5000.000	5071.180	21352.10	0.1049	P	1.2
7	☐	10000.000	10136.734	43450.38	0.2093	P	2.7
8	☐	20000.000	19913.521	86713.00	0.4106	P	1.4
9	☐			241.68	0.0011	P	9.8

$$y = 2.0594\text{E-}005 * x + 5.0238\text{E-}004$$

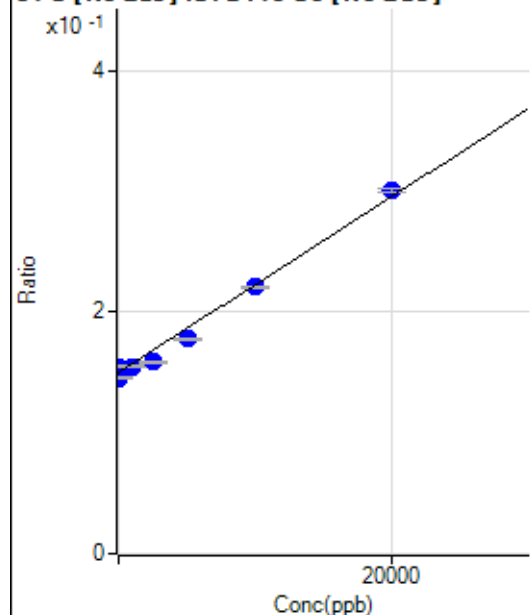
$$R = 1.0000$$

$$DL = 21.49$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	617.578	648261.35	0.1545	P	0.5
2	☐	0.000					
3	☐	0.000	-617.578	618186.93	0.1455	P	0.9
4	☐	1000.000	660.449	666857.53	0.1548	P	1.0
5	☐	2500.000	1167.925	677407.47	0.1585	P	0.8
6	☐	5000.000	3776.909	753963.67	0.1775	P	1.0
7	☐	10000.000	9691.219	947043.99	0.2205	P	1.0
8	☐	20000.000	20643.650	1294618.32	0.3002	P	1.1
9	☐			604138.78	0.1452	P	0.6

$$y = 7.2758\text{E-}006 * x + 0.1500$$

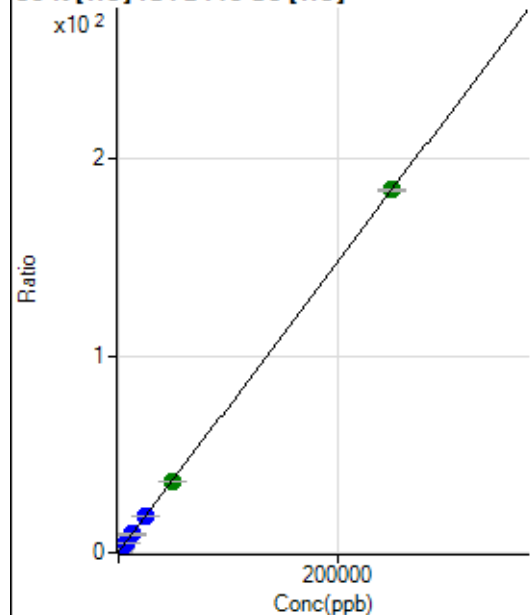
$$R = 0.9956$$

$$DL = 439.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44116.58	0.2194	P	1.2
2	☐	50.000					
3	☐	500.000	442.625	110299.10	0.5452	P	1.5
4	☐	2500.000	2438.366	413514.82	2.0145	P	0.5
5	☐	6250.000	6094.557	954896.35	4.7062	P	0.6
6	☐	12500.000	12323.469	1890794.66	9.2920	P	0.2
7	☐	25000.000	24571.767	3801735.46	18.3093	P	0.5
8	☐	50000.000	48633.310	7607875.00	36.0236	A	0.3
9	☐	250000.00	250329.60	39008308.51	184.5140	A	0.6

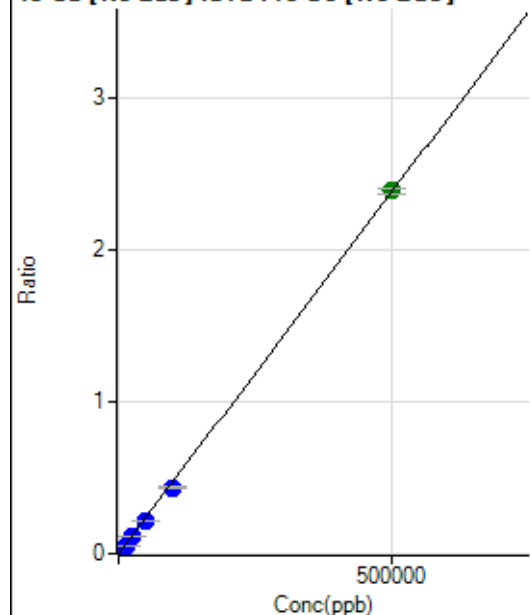
$$y = 7.3621\text{E-}004 * x + 0.2194$$

$$R = 1.0000$$

$$DL = 10.48$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.70	0.0001	P	17.3
2	☐	50.000					
3	☐	500.000	411.749	8786.30	0.0021	P	5.9
4	☐	5000.000	4456.119	91689.24	0.0213	P	1.0
5	☐	12500.000	11391.143	231804.37	0.0542	P	0.7
6	☐	25000.000	22884.393	462380.55	0.1088	P	1.3
7	☐	50000.000	46326.987	945834.20	0.2202	P	0.8
8	☐	100000.00	91550.508	1876377.65	0.4350	P	1.0
9	☐	500000.00	502196.22	9923956.47	2.3859	A	1.3

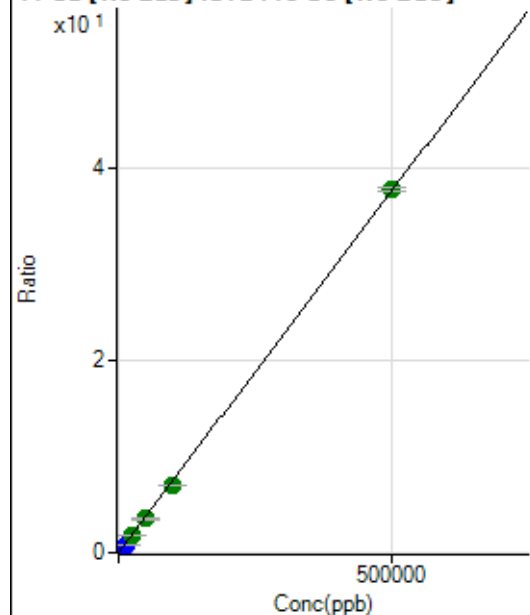
$$y = 4.7508\text{E-}006 * x + 1.1124\text{E-}004$$

$$R = 0.9998$$

$$DL = 12.17$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59300.33	0.0141	P	0.6
2	☐	50.000					
3	☐	500.000	416.878	192925.30	0.0454	P	0.7
4	☐	5000.000	4592.301	1545116.38	0.3586	P	0.9
5	☐	12500.000	11606.910	3782407.07	0.8848	P	0.8
6	☐	25000.000	23061.912	7410477.85	1.7442	A	1.4
7	☐	50000.000	46643.577	15088886.80	3.5132	A	1.8
8	☐	100000.00	92288.763	29920913.52	6.9373	A	0.2
9	☐	500000.00	502001.28	156695988.2	37.6726	A	1.1

$$y = 7.5017\text{E-}005 * x + 0.0141$$

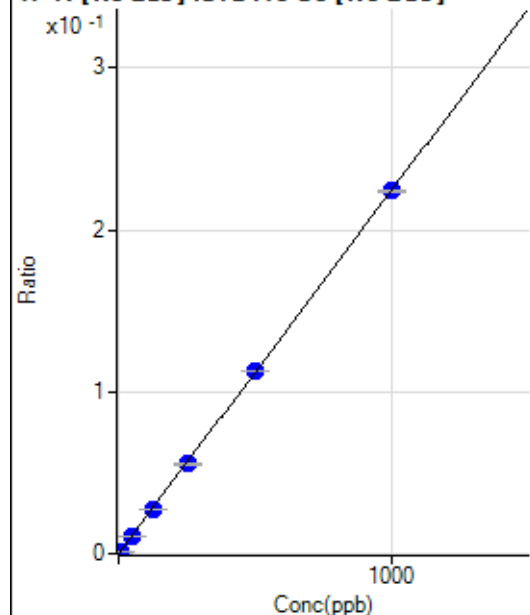
$$R = 0.9999$$

$$DL = 3.62$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.499	4409.17	0.0010	P	5.1
4	☐	50.000	48.629	47126.28	0.0109	P	0.6
5	☐	125.000	121.053	116200.78	0.0272	P	0.8
6	☐	250.000	247.586	236098.99	0.0556	P	1.5
7	☐	500.000	504.522	486279.56	0.1132	P	0.4
8	☐	1000.000	998.907	966585.52	0.2241	P	0.2
9	☐			852.84	0.0002	P	10.3

$$y = 2.2433\text{E-}004 * x + 2.8471\text{E-}005$$

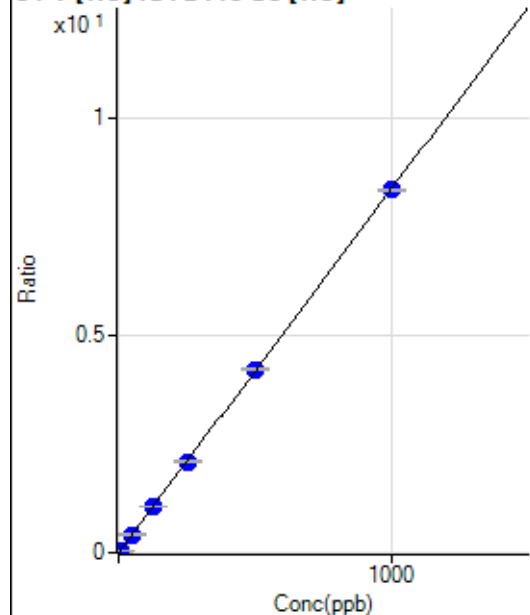
$$R = 1.0000$$

$$DL = 0.08619$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0001	P	26.6
2	☐	0.500					
3	☐	5.000	4.390	7453.11	0.0368	P	2.0
4	☐	50.000	49.770	85562.29	0.4168	P	1.9
5	☐	125.000	124.646	211798.19	1.0438	P	0.4
6	☐	250.000	251.099	427892.72	2.1028	P	0.3
7	☐	500.000	504.605	877405.48	4.2256	P	0.5
8	☐	1000.000	997.482	1764075.39	8.3529	P	0.2
9	☐			285.56	0.0014	P	12.0

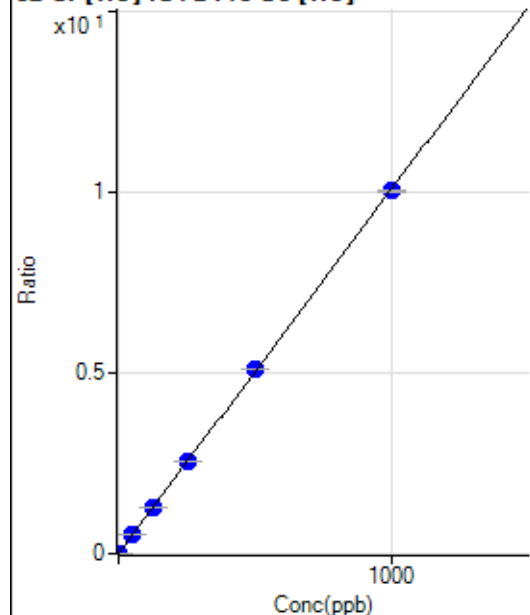
$$y = 0.0084 * x + 7.1821\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.006832$$

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	816.71	0.0041	P	7.7
2	☐	0.200					
3	☐	2.000	1.904	4697.49	0.0232	P	2.0
4	☐	50.000	50.868	105922.87	0.5160	P	0.2
5	☐	125.000	126.112	258354.38	1.2733	P	0.5
6	☐	250.000	254.601	522254.53	2.5665	P	0.4
7	☐	500.000	506.281	1058864.64	5.0995	P	0.4
8	☐	1000.000	995.527	2116873.27	10.0235	P	0.5
9	☐			32004.99	0.1514	P	3.1

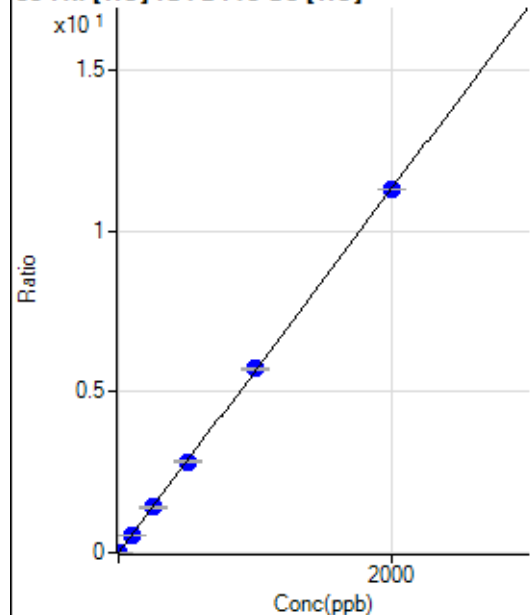
$$y = 0.0101 * x + 0.0041$$

$$R = 1.0000$$

$$DL = 0.09279$$

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	62.22	0.0003	P	13.6
2	☐	0.100					
3	☐	1.000	0.936	1133.40	0.0056	P	1.2
4	☐	100.000	99.933	116093.87	0.5656	P	0.1
5	☐	250.000	248.966	285800.98	1.4086	P	0.8
6	☐	500.000	501.838	577662.28	2.8389	P	0.5
7	☐	1000.000	1010.838	1187288.28	5.7180	P	0.9
8	☐	2000.000	1994.254	2382344.88	11.2805	P	0.2
9	☐			9744.48	0.0461	P	2.9

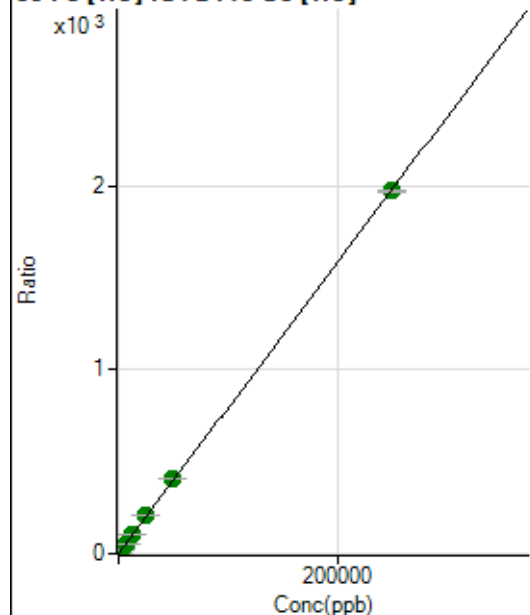
$$y = 0.0057 * x + 3.0944E-004$$

$$R = 1.0000$$

$$DL = 0.02236$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3613.50	0.0180	P	2.3
2	☐	5.000					
3	☐	50.000	48.769	81531.19	0.4030	P	1.7
4	☐	2500.000	2609.089	4232416.56	20.6188	A	0.5
5	☐	6250.000	6425.295	10297103.59	50.7509	A	1.0
6	☐	12500.000	12963.044	20830562.27	102.3717	A	1.0
7	☐	25000.000	26004.860	42638230.12	205.3473	A	1.2
8	☐	50000.000	51361.815	85648722.29	405.5610	A	0.6
9	☐	250000.00	249598.52	416629324.1	1,970.800	A	0.8

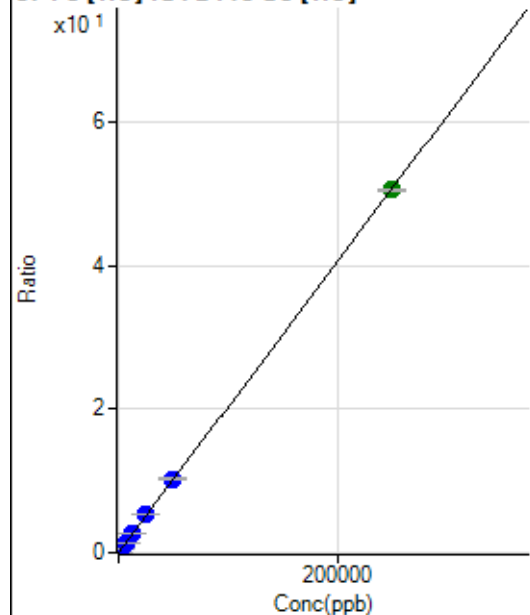
$$y = 0.0079 * x + 0.0180$$

$$R = 1.0000$$

$$DL = 0.1538$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	268.53	0.0013	P	15.8
2	☐	5.000					
3	☐	50.000	45.926	2153.92	0.0106	P	1.9
4	☐	2500.000	2618.146	109224.70	0.5321	P	0.4
5	☐	6250.000	6434.500	264957.20	1.3058	P	0.9
6	☐	12500.000	13069.731	539449.35	2.6509	P	0.8
7	☐	25000.000	26076.315	1097954.90	5.2877	P	1.2
8	☐	50000.000	50866.730	2178060.87	10.3134	P	0.6
9	☐	250000.00	249684.74	10700989.59	50.6193	A	0.7

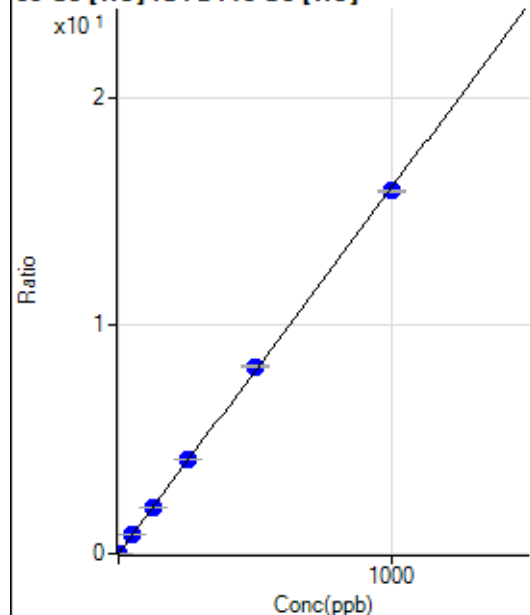
$$y = 2.0273E-004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 3.127$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0003	P	28.4
2	☐	0.100					
3	☐	1.000	0.939	3112.60	0.0154	P	0.7
4	☐	50.000	51.733	170439.29	0.8303	P	0.6
5	☐	125.000	127.795	416077.20	2.0507	P	0.7
6	☐	250.000	258.988	845608.82	4.1555	P	0.2
7	☐	500.000	511.418	1703802.39	8.2056	P	0.9
8	☐	1000.000	991.608	3359938.18	15.9097	P	0.7
9	☐			4066.18	0.0192	P	2.8

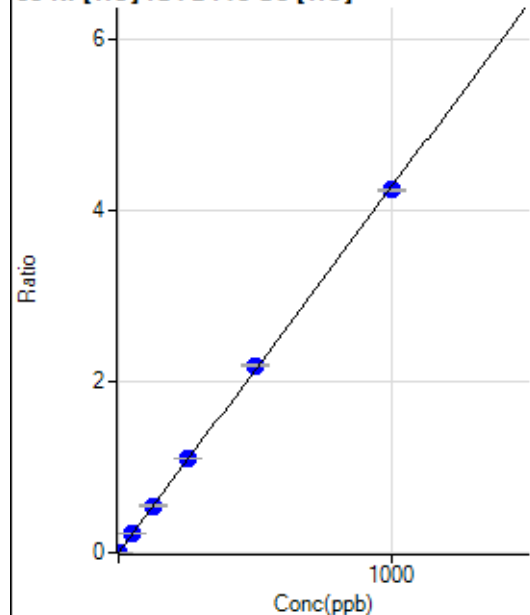
$$y = 0.0160 * x + 3.2037E-004$$

$$R = 0.9999$$

$$DL = 0.017$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0003	P	25.1
2	☐	0.100					
3	☐	1.000	1.017	934.49	0.0046	P	4.1
4	☐	50.000	51.767	45537.43	0.2218	P	0.4
5	☐	125.000	128.488	111639.30	0.5502	P	0.7
6	☐	250.000	258.669	225352.29	1.1074	P	0.5
7	☐	500.000	510.851	454076.31	2.1868	P	0.8
8	☐	1000.000	991.883	896646.89	4.2458	P	0.9
9	☐			8855.02	0.0419	P	0.6

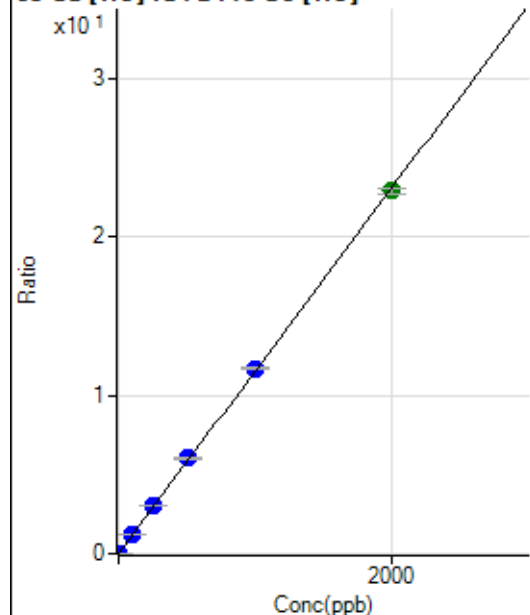
$$y = 0.0043 * x + 2.6523E-004$$

$$R = 0.9999$$

$$DL = 0.0466$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1058.94	0.0053	P	5.4
2	☐	0.200					
3	☐	2.000	1.895	5485.56	0.0271	P	5.9
4	☐	100.000	104.134	247662.51	1.2065	P	0.5
5	☐	250.000	258.660	606483.60	2.9891	P	0.3
6	☐	500.000	520.818	1223617.64	6.0132	P	0.1
7	☐	1000.000	1015.219	2432802.05	11.7164	P	0.8
8	☐	2000.000	1985.897	4838916.32	22.9137	A	1.4
9	☐			7161.86	0.0339	P	2.3

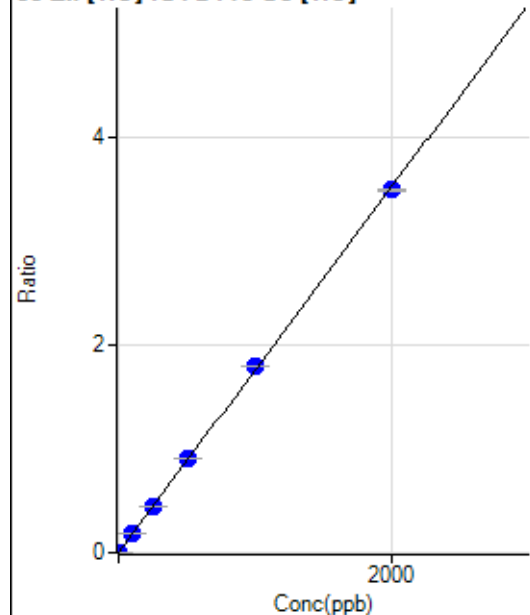
$$y = 0.0115 * x + 0.0053$$

$$R = 0.9999$$

$$DL = 0.07389$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0010	P	8.2
2	☐	0.200					
3	☐	2.000	2.049	936.71	0.0046	P	4.3
4	☐	100.000	103.284	37443.66	0.1824	P	1.1
5	☐	250.000	254.002	90715.19	0.4471	P	0.4
6	☐	500.000	516.732	184863.82	0.9085	P	0.6
7	☐	1000.000	1020.538	372346.16	1.7932	P	0.5
8	☐	2000.000	1984.884	736354.35	3.4867	P	0.6
9	☐			2475.81	0.0117	P	1.9

$$y = 0.0018 * x + 0.0010$$

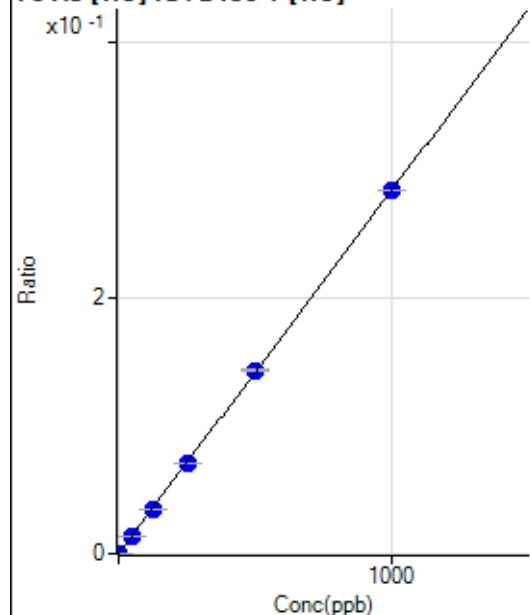
$$R = 0.9999$$

$$DL = 0.1452$$

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	6.18	0.0000	P	17.5
2	☐	0.100					
3	☐	1.000	0.904	269.76	0.0003	P	5.8
4	☐	50.000	48.885	14410.30	0.0139	P	0.8
5	☐	125.000	121.095	35438.81	0.0344	P	0.3
6	☐	250.000	247.760	72713.82	0.0703	P	0.0
7	☐	500.000	503.570	148951.47	0.1428	P	1.2
8	☐	1000.000	999.319	298872.18	0.2835	P	0.1
9	☐			161.73	0.0002	P	6.0

$$y = 2.8364\text{E-}004 * x + 6.0621\text{E-}006$$

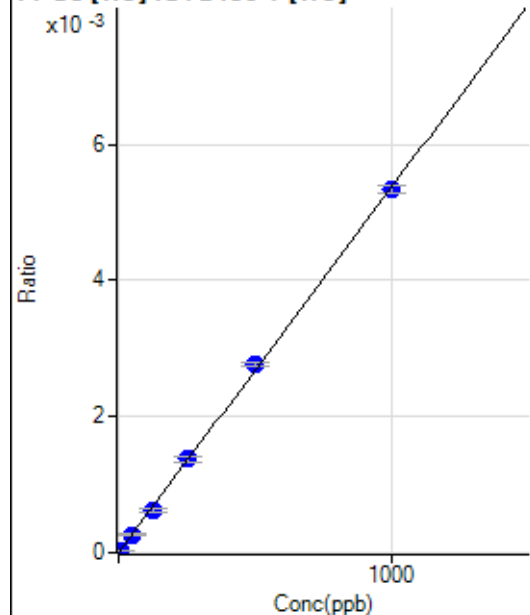
$$R = 1.0000$$

$$DL = 0.01125$$

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	4.229	23.33	0.0000	P	14.0
4	☐	50.000	48.254	268.89	0.0003	P	8.4
5	☐	125.000	116.353	644.47	0.0006	P	11.0
6	☐	250.000	255.439	1417.87	0.0014	P	4.6
7	☐	500.000	513.518	2873.66	0.0028	P	2.1
8	☐	1000.000	993.053	5618.95	0.0053	P	2.3
9	☐			4.45	0.0000	P	86.6

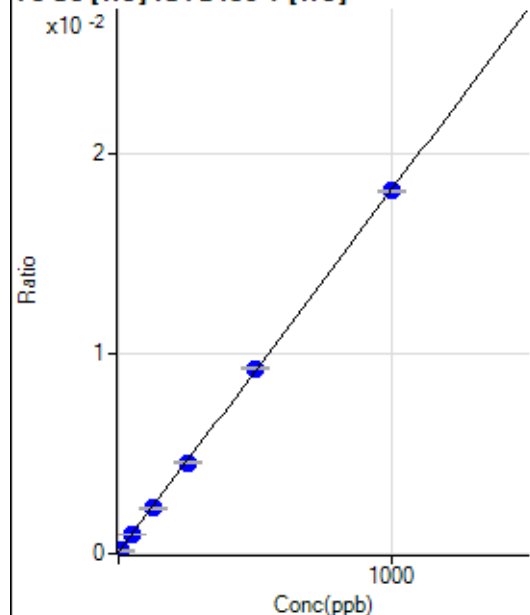
$$y = 5.3667\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

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	80.25	0.0001	P	27.1
2	☐	0.500					
3	☐	5.000	3.640	148.77	0.0001	P	12.6
4	☐	50.000	47.340	972.26	0.0009	P	3.3
5	☐	125.000	120.971	2340.95	0.0023	P	1.8
6	☐	250.000	247.730	4722.40	0.0046	P	2.2
7	☐	500.000	507.791	9669.95	0.0093	P	0.9
8	☐	1000.000	997.315	19123.15	0.0181	P	0.8
9	☐			96.30	0.0001	P	14.0

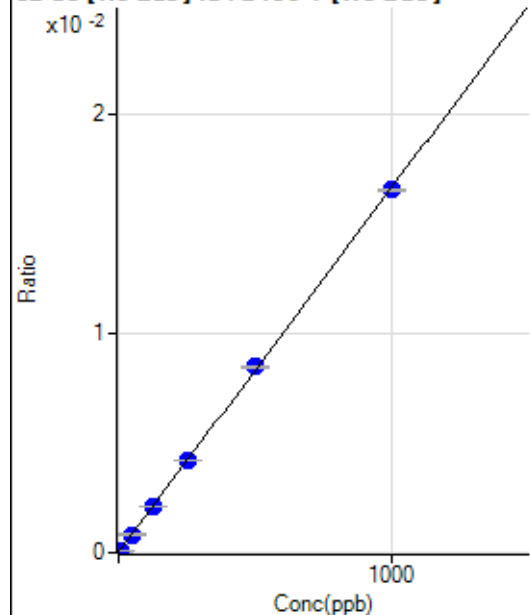
$$y = 1.8107\text{E-}005 * x + 7.8797\text{E-}005$$

$$R = 0.9999$$

$$DL = 3.533$$

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	109.18	0.0000	P	47.6
2	☐	0.500					
3	☐	5.000	4.432	631.31	0.0001	P	11.7
4	☐	50.000	49.046	5911.97	0.0008	P	1.4
5	☐	125.000	124.823	14898.39	0.0021	P	1.0
6	☐	250.000	251.837	29686.68	0.0042	P	1.0
7	☐	500.000	510.274	61023.15	0.0085	P	0.9
8	☐	1000.000	994.477	118692.51	0.0165	P	0.7
9	☐			210.95	0.0000	P	21.6

$$y = 1.6590\text{E-}005 * x + 1.5578\text{E-}005$$

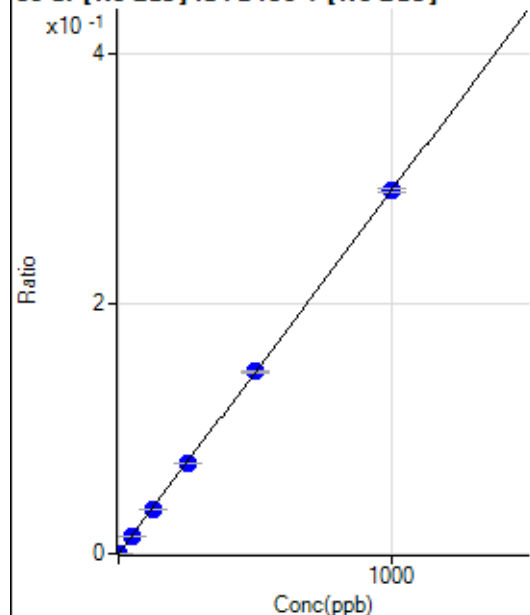
$$R = 0.9999$$

$$DL = 1.34$$

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	711.16	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	0.888	2544.78	0.0004	P	5.4
4	☐	50.000	49.156	102469.89	0.0144	P	1.0
5	☐	125.000	122.959	255639.63	0.0358	P	0.4
6	☐	250.000	249.082	512605.16	0.0724	P	1.5
7	☐	500.000	501.720	1048693.39	0.1458	P	1.5
8	☐	1000.000	999.667	2086757.42	0.2903	P	1.0
9	☐			72056.21	0.0107	P	1.8

$$y = 2.9032\text{E-}004 * x + 1.0145\text{E-}004$$

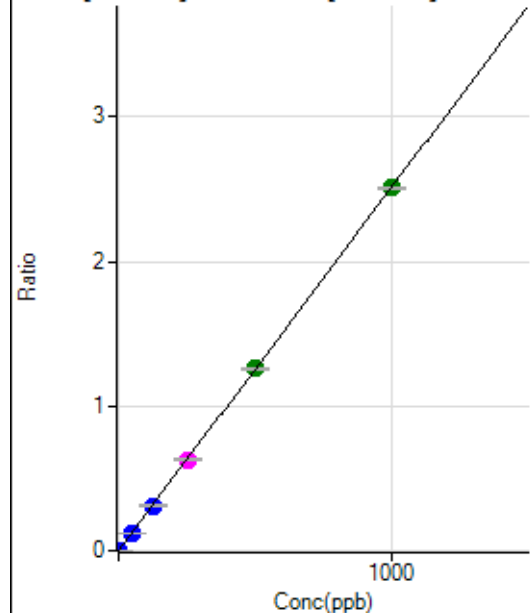
$$R = 1.0000$$

$$DL = 0.07564$$

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	258.35	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.912	16479.59	0.0023	P	3.9
4	☐	50.000	49.764	891220.54	0.1250	P	0.3
5	☐	125.000	124.229	2228006.54	0.3120	P	0.4
6	☐	250.000	250.301	4449873.88	0.6286	M	1.1
7	☐	500.000	502.338	9076437.70	1.2615	A	0.9
8	☐	1000.000	998.864	18028835.99	2.5084	A	0.5
9	☐			626705.27	0.0928	P	0.3

$$y = 0.0025 * x + 3.6840\text{E-}005$$

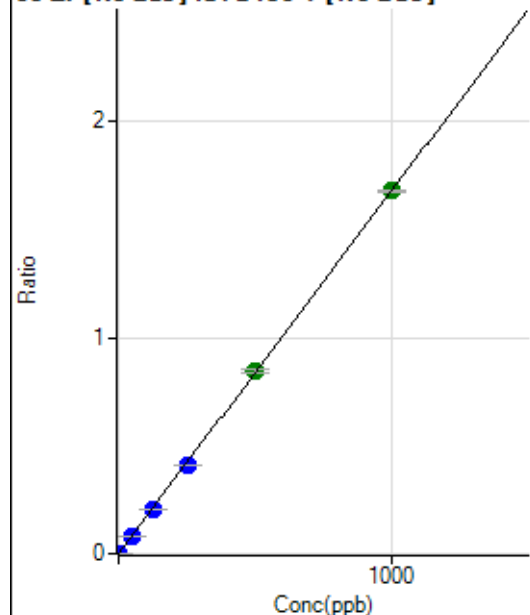
$$R = 1.0000$$

$$DL = 0.007843$$

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	397.24	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.789	9789.87	0.0014	P	6.4
4	☐	50.000	48.241	578007.90	0.0811	P	0.1
5	☐	125.000	121.179	1453626.78	0.2036	P	0.7
6	☐	250.000	245.137	2914818.04	0.4117	P	1.1
7	☐	500.000	502.975	6077578.35	0.8448	A	1.5
8	☐	1000.000	1000.294	12075010.86	1.6800	A	0.4
9	☐			2472.56	0.0004	P	5.7

$$y = 0.0017 * x + 5.6615E-005$$

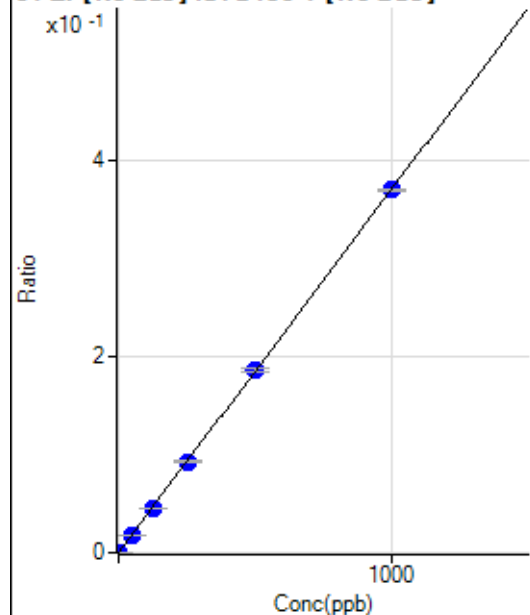
$$R = 1.0000$$

$$DL = 0.0115$$

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	63.89	0.0000	P	40.7
2	☐	0.100					
3	☐	1.000	0.839	2264.16	0.0003	P	3.2
4	☐	50.000	49.155	129784.06	0.0182	P	0.2
5	☐	125.000	123.306	325978.85	0.0457	P	0.8
6	☐	250.000	250.326	655978.83	0.0927	P	1.2
7	☐	500.000	502.386	1337944.45	0.1860	P	1.3
8	☐	1000.000	998.979	2657814.21	0.3698	P	0.3
9	☐			602.82	0.0001	P	16.3

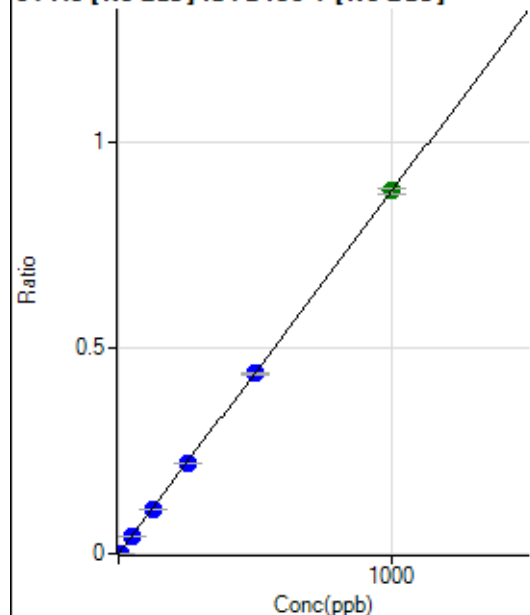
$$y = 3.7015E-004 * x + 9.1308E-006$$

$$R = 1.0000$$

$$DL = 0.0301$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	1.863	11791.47	0.0017	P	2.7
4	☐	50.000	48.234	302690.39	0.0425	P	0.2
5	☐	125.000	122.392	768965.09	0.1077	P	1.2
6	☐	250.000	248.546	1547872.65	0.2187	P	1.4
7	☐	500.000	498.345	3154136.27	0.4384	P	1.3
8	☐	1000.000	1001.621	6332805.13	0.8811	A	1.3
9	☐			5951.47	0.0009	P	1.6

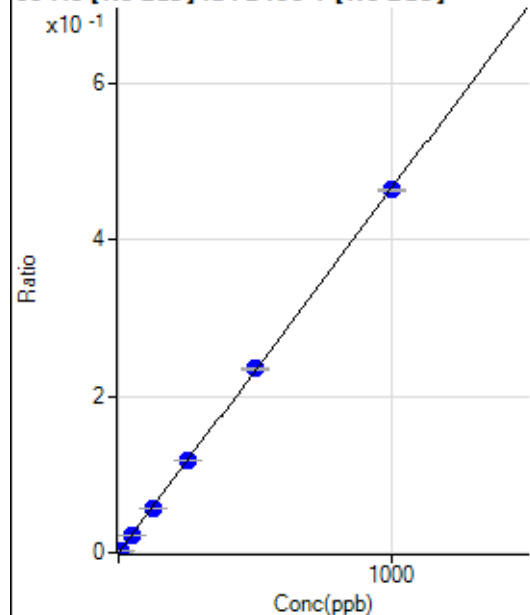
$$y = 8.7968\text{E-}004 * x + 2.5764\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.009168$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.5
2	☐	0.500					
3	☐	5.000	4.405	14560.75	0.0021	P	0.6
4	☐	50.000	49.824	165586.20	0.0232	P	0.8
5	☐	125.000	123.807	412112.99	0.0577	P	0.3
6	☐	250.000	254.038	838260.87	0.1184	P	0.8
7	☐	500.000	506.263	1697807.79	0.2360	P	1.1
8	☐	1000.000	996.020	3336922.93	0.4643	P	0.3
9	☐			8597.40	0.0013	P	2.4

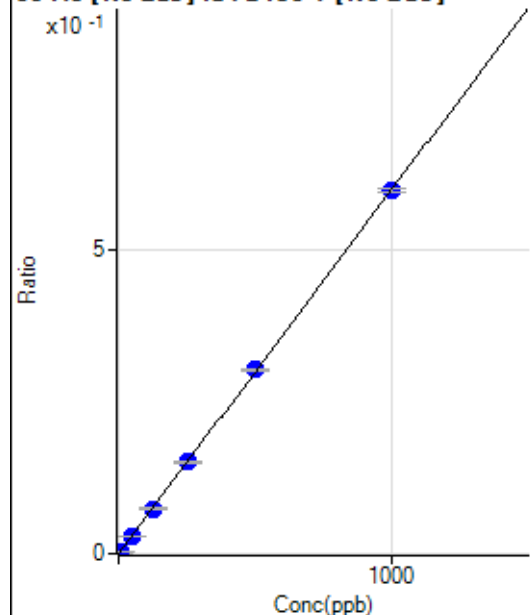
$$y = 4.6612\text{E-}004 * x + 2.3712\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.007556$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	42.9
2	☐	0.500					
3	☐	5.000	3.813	16312.69	0.0023	P	3.6
4	☐	50.000	49.081	210035.10	0.0295	P	1.7
5	☐	125.000	123.840	530615.92	0.0743	P	1.3
6	☐	250.000	252.187	1071121.53	0.1513	P	1.1
7	☐	500.000	504.868	2179227.74	0.3029	P	1.4
8	☐	1000.000	997.216	4300314.11	0.5983	P	1.0
9	☐			11391.11	0.0017	P	3.8

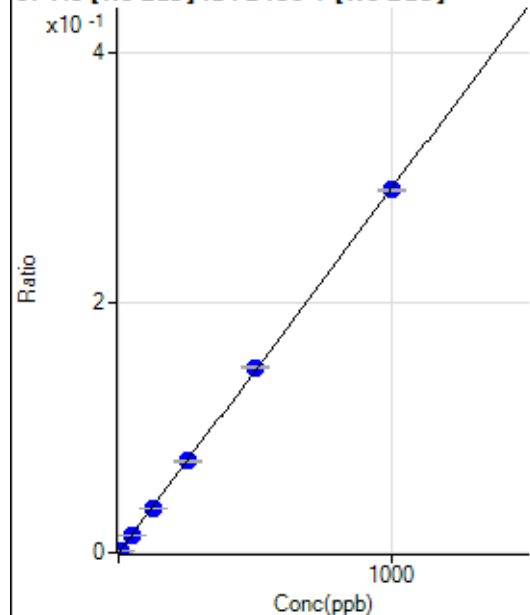
$$y = 5.9994\text{E-}004 * x + 1.5830\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03396$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.6
2	☐	0.500					
3	☐	5.000	4.569	9459.08	0.0013	P	2.1
4	☐	50.000	49.514	102979.02	0.0144	P	0.5
5	☐	125.000	123.194	256598.69	0.0359	P	0.2
6	☐	250.000	251.722	519747.90	0.0734	P	1.1
7	☐	500.000	507.313	1064569.42	0.1480	P	1.0
8	☐	1000.000	996.165	2088221.64	0.2905	P	0.4
9	☐			5501.28	0.0008	P	1.9

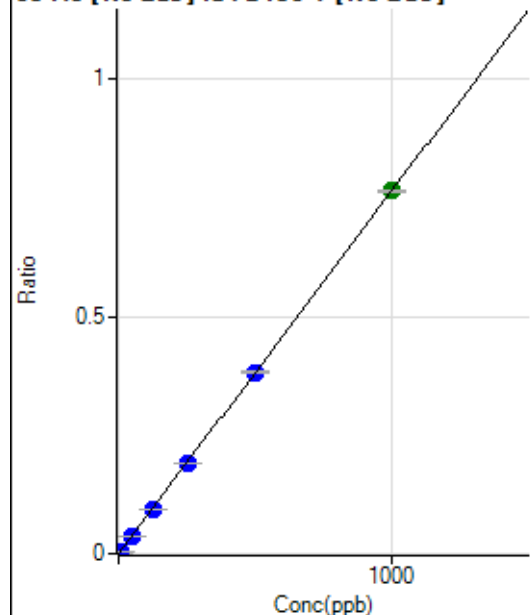
$$y = 2.9166\text{E-}004 * x + 2.7770\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.007317$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	32.8
2	☐	0.500					
3	☐	5.000	4.347	23522.99	0.0033	P	1.7
4	☐	50.000	49.186	267618.08	0.0375	P	0.9
5	☐	125.000	121.641	662840.08	0.0928	P	1.5
6	☐	250.000	248.331	1341478.24	0.1895	P	1.2
7	☐	500.000	499.358	2741682.27	0.3811	P	1.1
8	☐	1000.000	1001.202	5491376.95	0.7640	A	0.5
9	☐			13999.12	0.0021	P	3.3

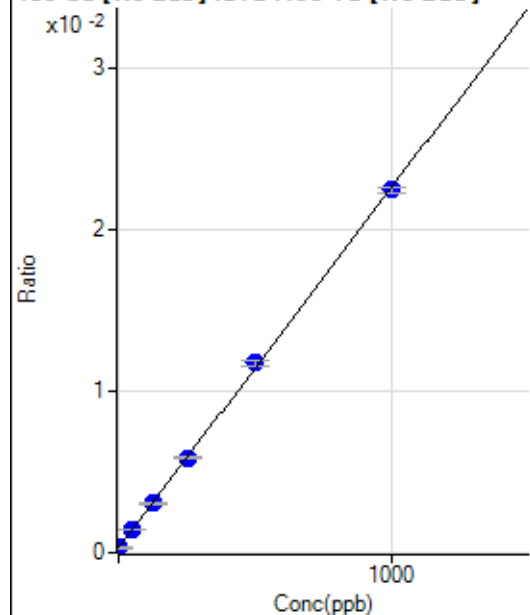
$$y = 7.6311\text{E-}004 * x + 3.5600\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004588$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2530.89	0.0003	P	2.4
2	☐	0.100					
3	☐	1.000	0.062	2558.67	0.0003	P	4.2
4	☐	50.000	50.404	12147.36	0.0014	P	1.5
5	☐	125.000	122.966	26183.40	0.0030	P	1.4
6	☐	250.000	249.443	50237.23	0.0059	P	1.1
7	☐	500.000	512.722	100390.95	0.0117	P	2.3
8	☐	1000.000	994.013	192181.07	0.0224	P	1.6
9	☐			2408.64	0.0003	P	3.2

$$y = 2.2267\text{E-}005 * x + 2.9902\text{E-}004$$

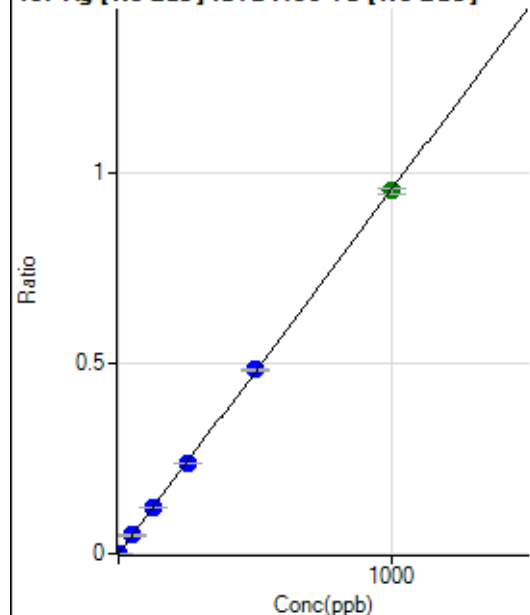
$$R = 0.9999$$

$$DL = 0.9802$$

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	72.22	0.0000	P	28.8
2	☐	0.100					
3	☐	1.000	0.901	7413.34	0.0009	P	2.2
4	☐	50.000	50.508	412699.03	0.0483	P	1.5
5	☐	125.000	125.733	1036506.76	0.1202	P	0.8
6	☐	250.000	250.140	2052774.39	0.2392	P	0.5
7	☐	500.000	505.289	4140202.83	0.4832	P	1.8
8	☐	1000.000	997.203	8168996.53	0.9535	A	1.6
9	☐			883.40	0.0001	P	16.5

$$y = 9.5620\text{E-}004 * x + 8.5279\text{E-}006$$

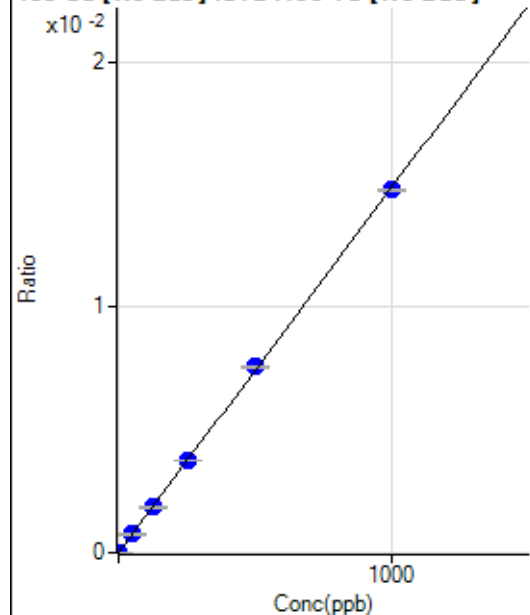
$$R = 1.0000$$

$$DL = 0.007698$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9.72	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	0.898	123.61	0.0000	P	7.5
4	☐	50.000	50.064	6375.17	0.0007	P	2.8
5	☐	125.000	123.792	15895.29	0.0018	P	3.4
6	☐	250.000	252.334	32242.52	0.0038	P	0.7
7	☐	500.000	510.868	65167.24	0.0076	P	1.0
8	☐	1000.000	994.130	126778.77	0.0148	P	0.6
9	☐			20.84	0.0000	P	35.4

$$y = 1.4884\text{E-}005 * x + 1.1480\text{E-}006$$

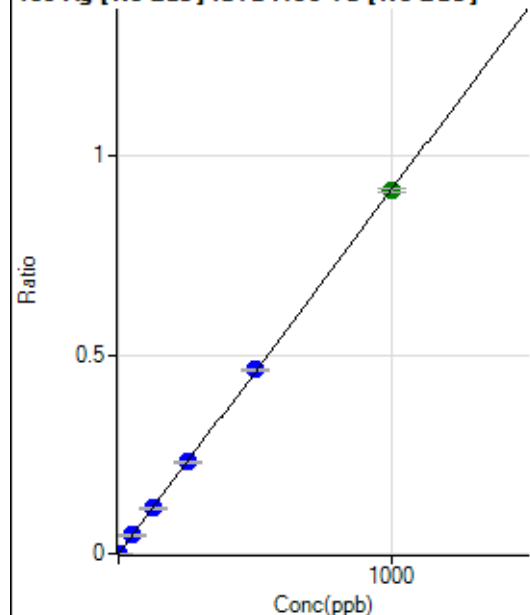
$$R = 0.9999$$

$$DL = 0.05668$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.8
2	☐	0.100					
3	☐	1.000	0.893	6996.51	0.0008	P	0.6
4	☐	50.000	50.501	394908.52	0.0462	P	2.3
5	☐	125.000	124.589	983046.26	0.1140	P	1.1
6	☐	250.000	251.157	1972822.87	0.2299	P	0.6
7	☐	500.000	505.048	3961230.51	0.4623	P	0.9
8	☐	1000.000	997.213	7819560.77	0.9127	A	0.9
9	☐			830.61	0.0001	P	9.6

$$y = 9.1526\text{E-}004 * x + 4.2615\text{E-}006$$

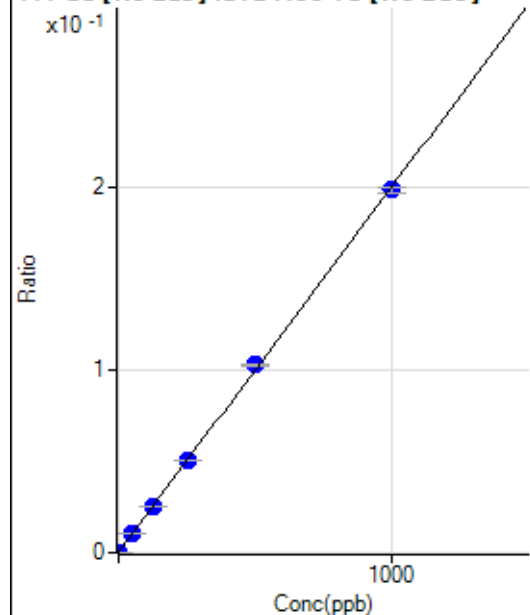
$$R = 1.0000$$

$$DL = 0.006674$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1778.70	0.0002	P	2.9
2	☐	0.100					
3	☐	1.000	0.818	3183.81	0.0004	P	1.6
4	☐	50.000	50.697	88435.15	0.0104	P	2.0
5	☐	125.000	125.065	217477.71	0.0252	P	1.0
6	☐	250.000	252.837	435837.99	0.0508	P	1.1
7	☐	500.000	512.947	881065.70	0.1028	P	1.3
8	☐	1000.000	992.774	1703157.05	0.1988	P	1.4
9	☐			1810.36	0.0002	P	4.0

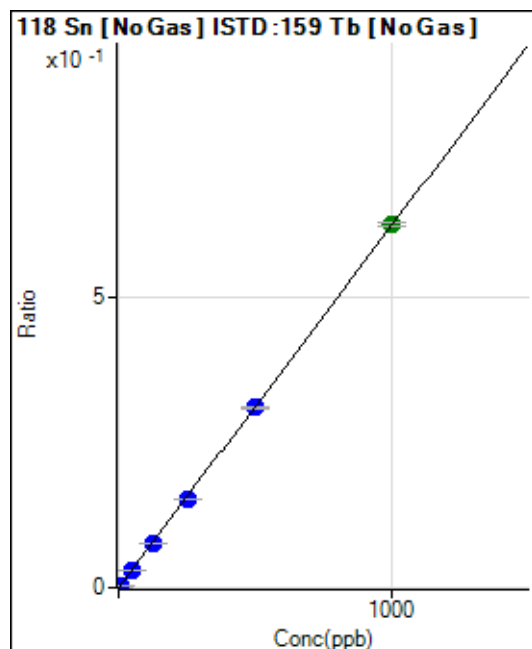
$$y = 2.0003\text{E-}004 * x + 2.1015\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.09028$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.58	0.0001	P	3.0
2	☐	0.500					
3	☐	5.000	4.400	23887.90	0.0028	P	1.3
4	☐	50.000	49.173	262920.12	0.0308	P	1.0
5	☐	125.000	120.617	650001.78	0.0754	P	0.3
6	☐	250.000	244.585	1311575.54	0.1528	P	0.9
7	☐	500.000	498.297	2667723.43	0.3113	P	0.8
8	☐	1000.000	1002.797	5366807.98	0.6264	A	1.2
9	☐			6804.69	0.0009	P	1.4

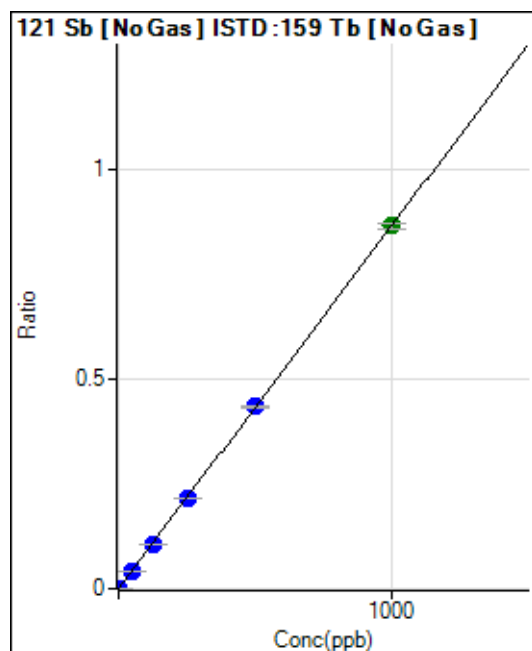
$$y = 6.2463\text{E-}004 * x + 5.6787\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.008172$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.2
2	☐	0.200					
3	☐	2.000	1.756	12959.22	0.0015	P	3.9
4	☐	50.000	48.530	358386.88	0.0419	P	2.1
5	☐	125.000	122.037	909360.05	0.1055	P	0.2
6	☐	250.000	248.269	1841563.41	0.2146	P	0.7
7	☐	500.000	501.396	3713577.51	0.4334	P	1.4
8	☐	1000.000	1000.179	7405976.47	0.8645	A	1.7
9	☐			20176.40	0.0025	P	3.0

$$y = 8.6431\text{E-}004 * x + 3.6085\text{E-}006$$

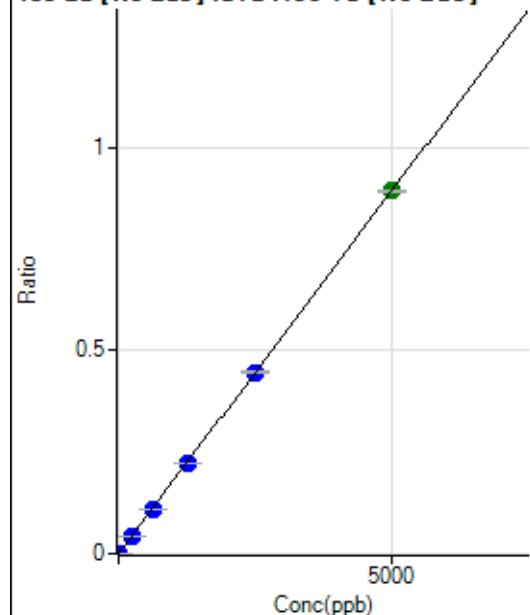
$$R = 1.0000$$

$$DL = 0.00391$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	33.3
2	☐	1.000					
3	☐	10.000	8.623	13181.78	0.0015	P	2.6
4	☐	250.000	246.752	376505.83	0.0441	P	2.2
5	☐	625.000	611.856	941968.74	0.1093	P	0.7
6	☐	1250.000	1239.707	1899945.18	0.2214	P	0.6
7	☐	2500.000	2500.483	3826293.01	0.4465	P	1.5
8	☐	5000.000	5004.140	7656095.83	0.8936	A	0.9
9	☐			2183.60	0.0003	P	5.8

$$y = 1.7857E-004 * x + 7.8811E-006$$

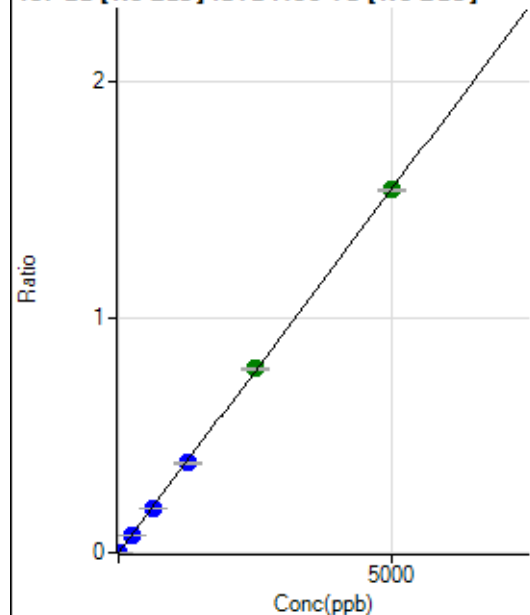
$$R = 1.0000$$

$$DL = 0.04406$$

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	63.89	0.0000	P	32.6
2	☐	1.000					
3	☐	10.000	8.814	23225.80	0.0027	P	1.8
4	☐	250.000	246.099	648936.63	0.0759	P	0.9
5	☐	625.000	612.893	1630514.42	0.1891	P	0.1
6	☐	1250.000	1234.840	3270355.26	0.3811	P	0.8
7	☐	2500.000	2526.935	6682022.55	0.7798	A	1.4
8	☐	5000.000	4992.033	13197862.71	1.5405	A	0.9
9	☐			3881.27	0.0005	P	5.3

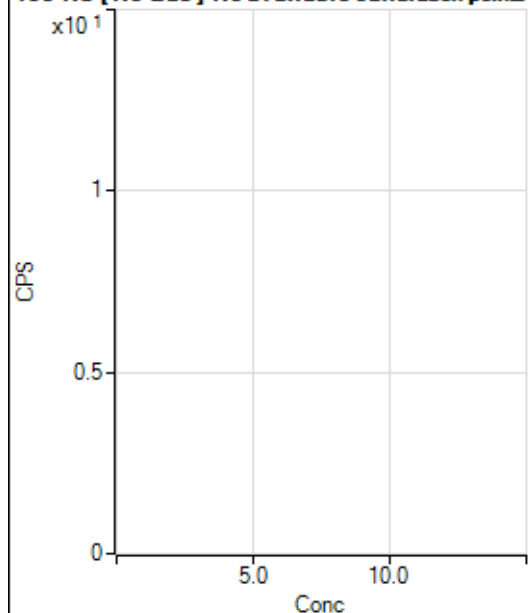
$$y = 3.0858E-004 * x + 7.5437E-006$$

$$R = 1.0000$$

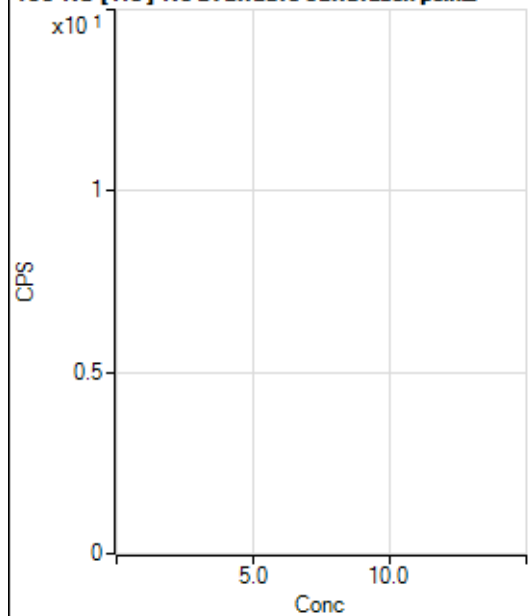
$$DL = 0.02389$$

Weight: <None>

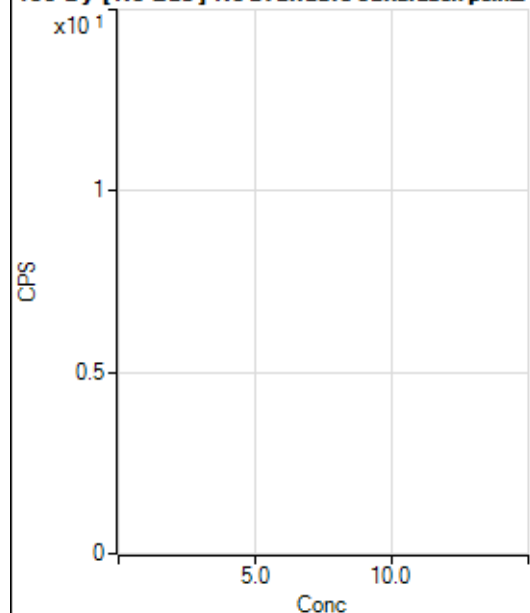
Min Conc: 0

150 Nd [No Gas] No available calibration points

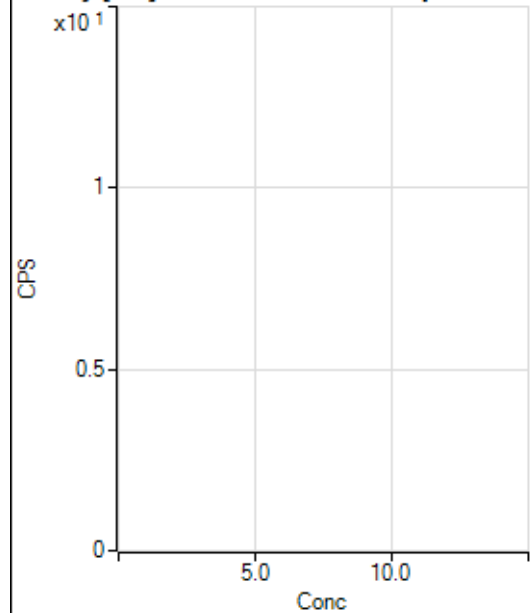
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			6.67		P	100.
4	☐			33.34		P	20.0
5	☐			64.45		P	53.1
6	☐			126.67		P	10.5
7	☐			233.34		P	24.7
8	☐			448.91		P	7.3
9	☐			80.01		P	14.4

150 Nd [He] No available calibration points

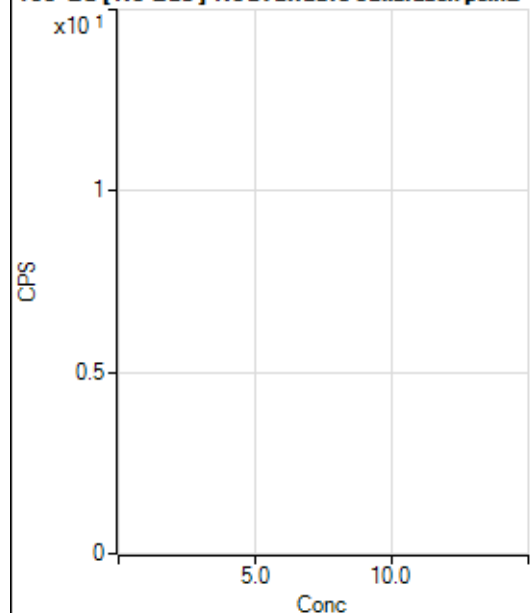
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			10.00		P	33.3
7	☐			26.67		P	21.7
8	☐			46.67		P	12.4
9	☐			32.22		P	41.8

156 Dy [No Gas] No available calibration points

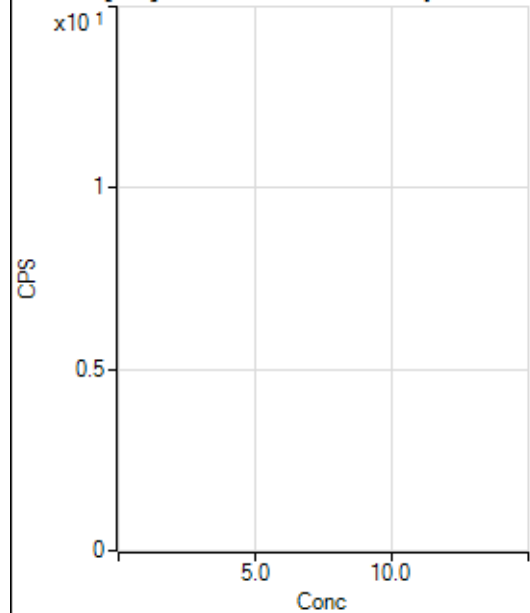
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			13.89		P	34.7
4	☐			5.55		P	86.6
5	☐			16.67		P	50.0
6	☐			41.67		P	34.6
7	☐			100.01		P	25.0
8	☐			141.67		P	5.9
9	☐			69.45		P	13.9

156 Dy [He] No available calibration points

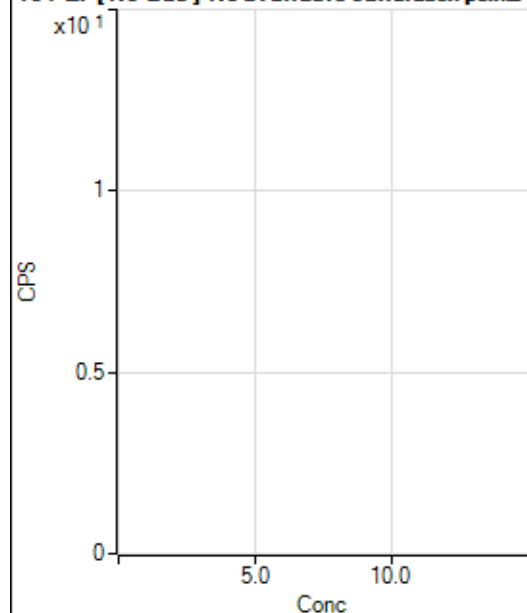
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			0.00		P	
4	☐			5.55		P	69.3
5	☐			10.00		P	33.3
6	☐			26.67		P	21.7
7	☐			40.00		P	14.4
8	☐			73.33		P	7.9
9	☐			17.78		P	28.6

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

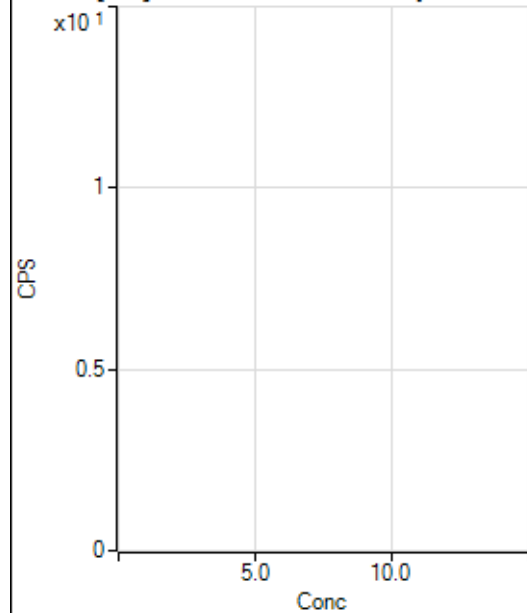
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	72.7
2	☐						
3	☐			47.22		P	27.0
4	☐			77.78		P	24.7
5	☐			72.22		P	6.7
6	☐			97.23		P	26.2
7	☐			116.67		P	12.4
8	☐			122.23		P	15.7
9	☐			113.89		P	11.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	6.3
2	☐						
3	☐			48.89		P	19.7
4	☐			67.78		P	32.8
5	☐			64.45		P	53.1
6	☐			62.22		P	24.2
7	☐			78.89		P	13.6
8	☐			105.56		P	13.1
9	☐			78.89		P	21.3

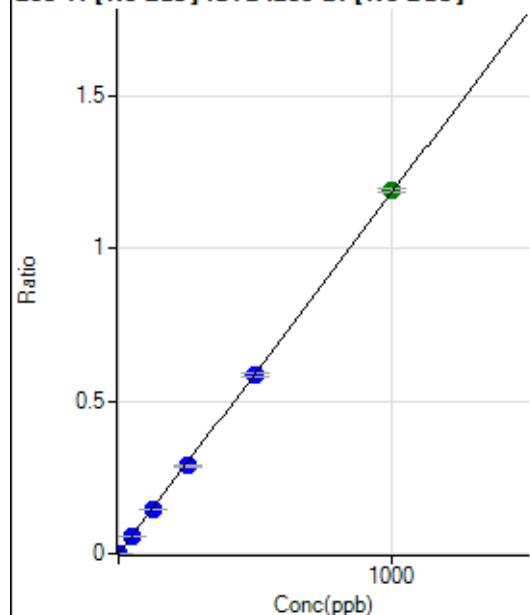
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	32.9
2	☐						
3	☐			38.89		P	12.4
4	☐			33.33		P	25.0
5	☐			27.78		P	75.5
6	☐			33.33		P	25.0
7	☐			41.67		P	20.0
8	☐			50.00		P	0.0
9	☐			52.78		P	9.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐						
3	☐			13.33		P	43.3
4	☐			17.78		P	39.0
5	☐			11.11		P	34.6
6	☐			16.67		P	40.0
7	☐			20.00		P	44.1
8	☐			24.45		P	15.8
9	☐			25.55		P	27.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.9
2	☐	0.100					
3	☐	1.000	0.903	5367.99	0.0011	P	3.3
4	☐	50.000	48.349	283139.81	0.0572	P	0.6
5	☐	125.000	121.372	717254.94	0.1436	P	0.5
6	☐	250.000	243.173	1417219.68	0.2877	P	1.3
7	☐	500.000	493.147	2873056.66	0.5834	P	2.2
8	☐	1000.000	1005.670	5714689.93	1.1897	A	1.0
9	☐			2408.67	0.0006	P	16.0

$$y = 0.0012 * x + 9.5942E-006$$

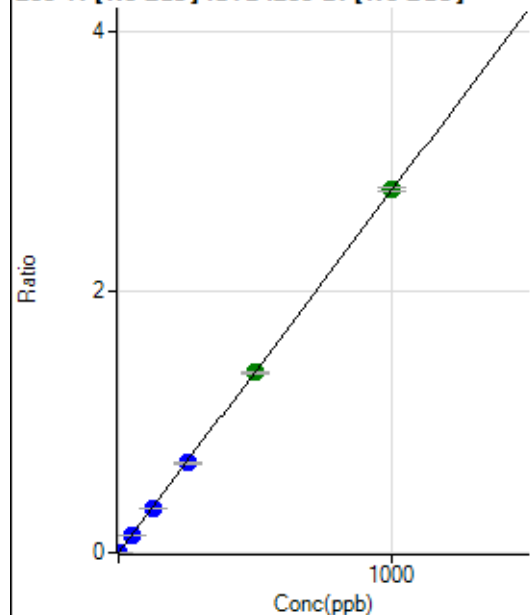
$$R = 0.9999$$

$$DL = 0.00655$$

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	108.34	0.0000	P	39.6
2	☐	0.100					
3	☐	1.000	0.895	12484.17	0.0025	P	2.2
4	☐	50.000	49.181	676380.28	0.1367	P	0.7
5	☐	125.000	122.765	1703772.15	0.3411	P	0.7
6	☐	250.000	247.694	3390207.37	0.6882	P	1.0
7	☐	500.000	497.244	6803643.55	1.3814	A	1.3
8	☐	1000.000	1002.275	13375414.45	2.7845	A	1.0
9	☐			5620.87	0.0013	P	8.6

$$y = 0.0028 * x + 2.1976E-005$$

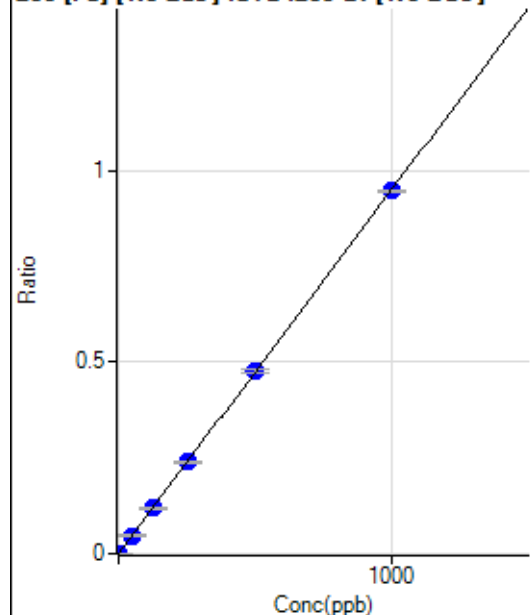
$$R = 1.0000$$

$$DL = 0.009392$$

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	392.61	0.0001	P	18.4
2	☐	0.100					
3	☐	1.000	0.916	4725.05	0.0009	P	6.1
4	☐	50.000	49.867	234522.78	0.0474	P	1.6
5	☐	125.000	124.172	588785.62	0.1179	P	0.8
6	☐	250.000	251.896	1177641.24	0.2390	P	0.8
7	☐	500.000	504.302	2356451.18	0.4785	P	1.9
8	☐	1000.000	997.485	4545794.95	0.9463	P	0.5
9	☐			5182.65	0.0012	P	5.4

$$y = 9.4864\text{E-}004 * x + 7.9743\text{E-}005$$

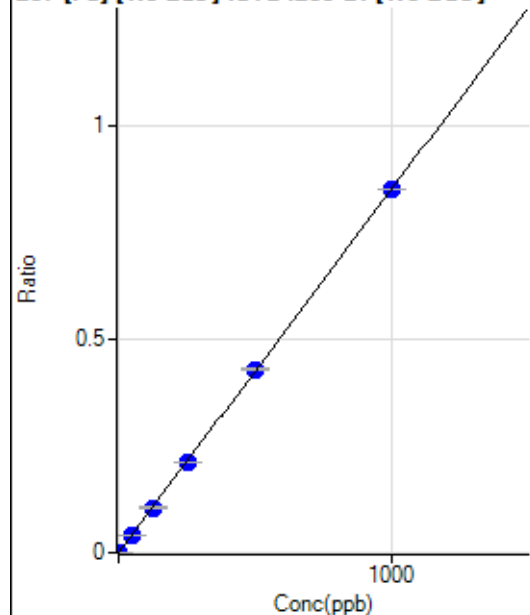
$$R = 1.0000$$

$$DL = 0.04652$$

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	362.98	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.880	4085.93	0.0008	P	4.1
4	☐	50.000	49.446	208208.49	0.0421	P	0.8
5	☐	125.000	123.677	525017.56	0.1051	P	1.3
6	☐	250.000	250.362	1047880.87	0.2127	P	0.7
7	☐	500.000	503.276	2105412.30	0.4275	P	1.0
8	☐	1000.000	998.464	4073655.76	0.8480	P	0.1
9	☐			4413.82	0.0010	P	4.5

$$y = 8.4927\text{E-}004 * x + 7.3736\text{E-}005$$

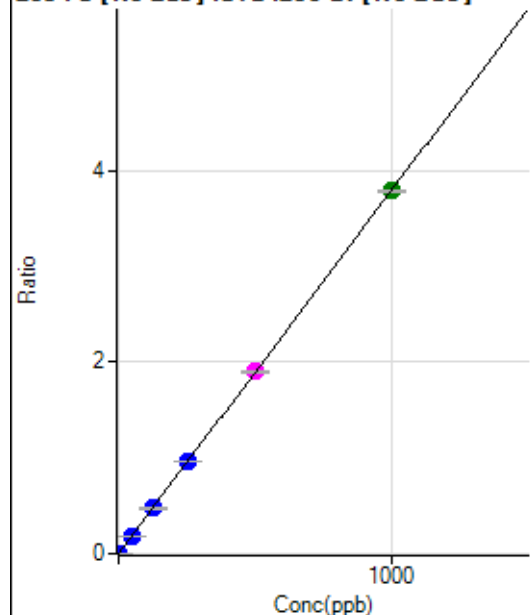
$$R = 1.0000$$

$$DL = 0.02958$$

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	1676.03	0.0003	P	8.9
2	☐	0.100					
3	☐	1.000	0.901	18720.49	0.0038	P	2.6
4	☐	50.000	50.034	941700.52	0.1903	P	0.6
5	☐	125.000	124.568	2363524.07	0.4732	P	0.9
6	☐	250.000	252.482	4723256.05	0.9587	P	0.5
7	☐	500.000	500.996	9367586.91	1.9020	M	0.9
8	☐	1000.000	998.934	18215594.10	3.7921	A	0.5
9	☐			20186.16	0.0048	P	3.7

$$y = 0.0038 * x + 3.4050E-004$$

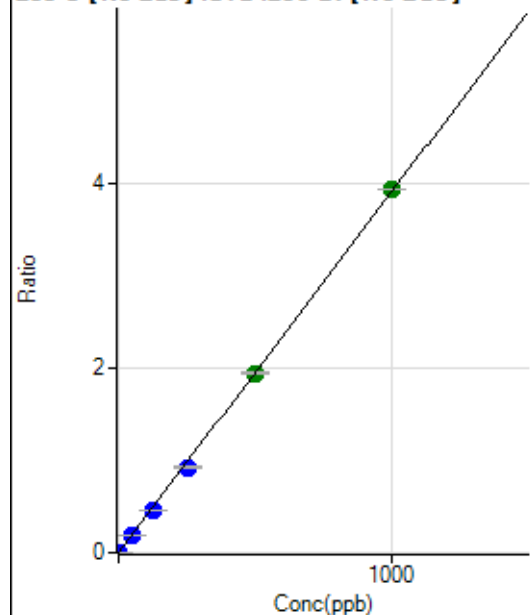
$$R = 1.0000$$

$$DL = 0.02385$$

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	44.45	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.837	16294.17	0.0033	P	5.1
4	☐	50.000	47.431	915554.27	0.1850	P	0.8
5	☐	125.000	116.404	2267573.36	0.4540	P	0.7
6	☐	250.000	237.171	4556767.03	0.9249	P	0.6
7	☐	500.000	496.800	9541960.37	1.9374	A	1.3
8	☐	1000.000	1006.010	18845750.07	3.9232	A	0.1
9	☐			1527.94	0.0004	P	9.3

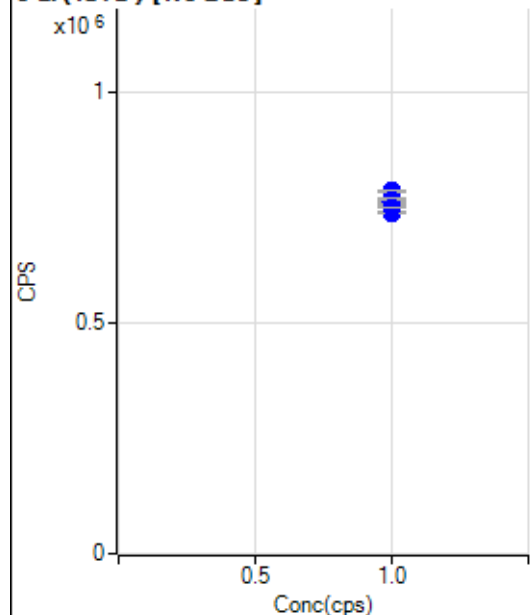
$$y = 0.0039 * x + 9.0272E-006$$

$$R = 0.9999$$

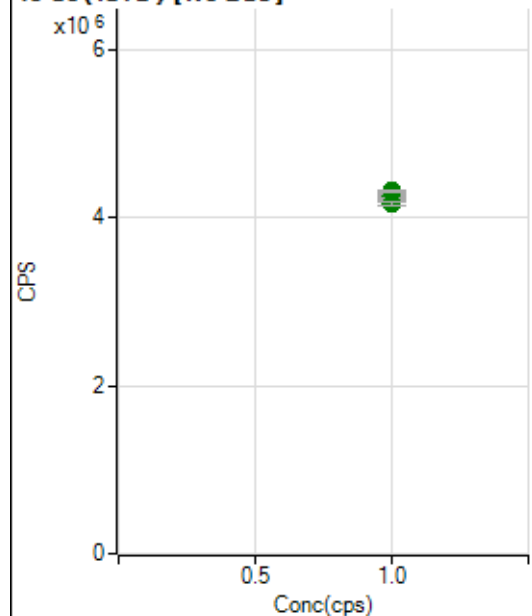
$$DL = 0.0007251$$

Weight: <None>

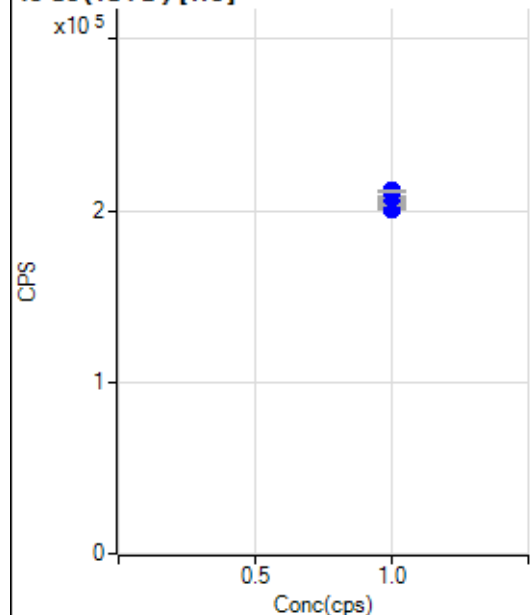
Min Conc: 0

6 Li (ISTD) [No Gas]

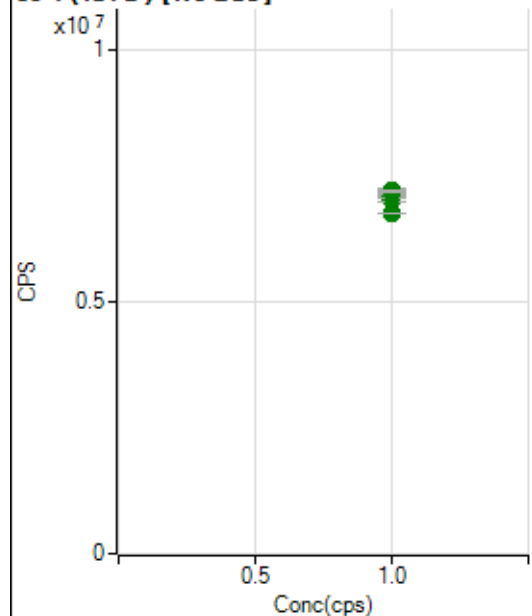
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		739393.13		P	0.3
2	☐	1.000					
3	☐	1.000		739489.94		P	0.3
4	☐	1.000		752373.70		P	0.6
5	☐	1.000		764728.45		P	0.7
6	☐	1.000		761844.68		P	0.8
7	☐	1.000		786507.71		P	0.5
8	☐	1.000		768895.59		P	0.6
9	☐	1.000		749415.41		P	0.3

45 Sc (ISTD) [No Gas]

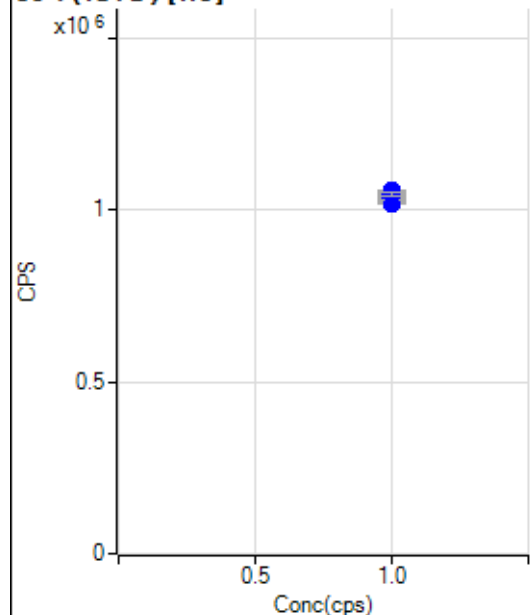
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4196750.53		A	0.3
2	☐	1.000					
3	☐	1.000		4249301.35		A	0.5
4	☐	1.000		4308622.23		A	0.9
5	☐	1.000		4274657.95		A	0.3
6	☐	1.000		4248940.50		A	0.8
7	☐	1.000		4295627.13		A	1.5
8	☐	1.000		4313022.23		A	0.4
9	☐	1.000		4159717.54		A	1.0

45 Sc (ISTD) [He]

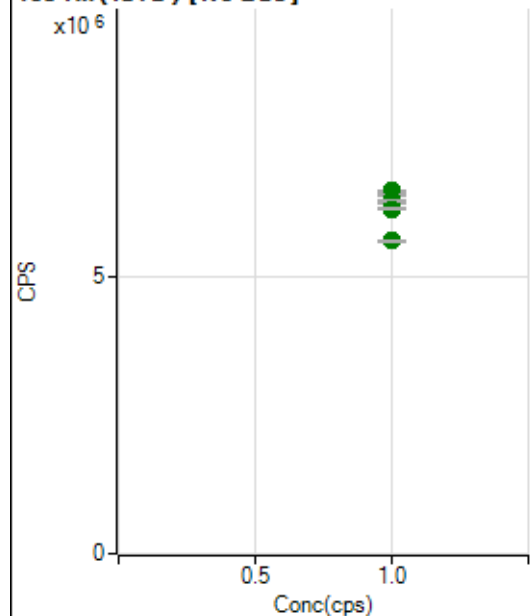
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		201101.40		P	0.2
2	☐	1.000					
3	☐	1.000		202317.91		P	1.3
4	☐	1.000		205269.68		P	0.4
5	☐	1.000		202903.14		P	0.6
6	☐	1.000		203487.31		P	1.0
7	☐	1.000		207638.88		P	0.3
8	☐	1.000		211191.09		P	0.6
9	☐	1.000		211408.54		P	0.7

89 Y (ISTD) [No Gas]

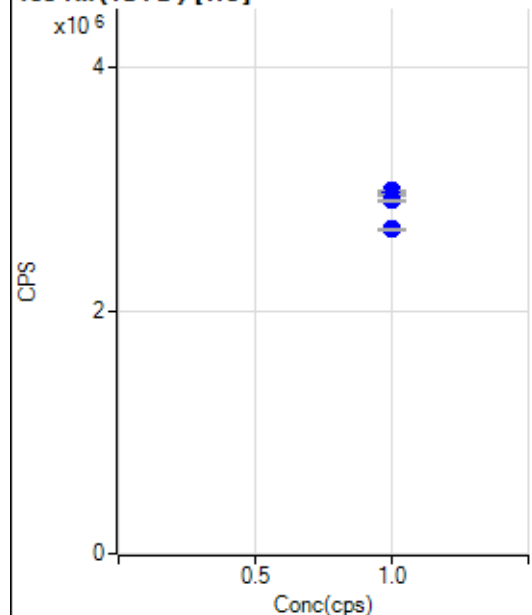
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7012326.22		A	0.8
2	☐	1.000					
3	☐	1.000		7082883.09		A	0.5
4	☐	1.000		7129427.81		A	0.4
5	☐	1.000		7141011.77		A	1.0
6	☐	1.000		7079409.27		A	1.1
7	☐	1.000		7195323.09		A	1.4
8	☐	1.000		7187443.43		A	0.7
9	☐	1.000		6754396.50		A	0.4

89 Y (ISTD) [He]

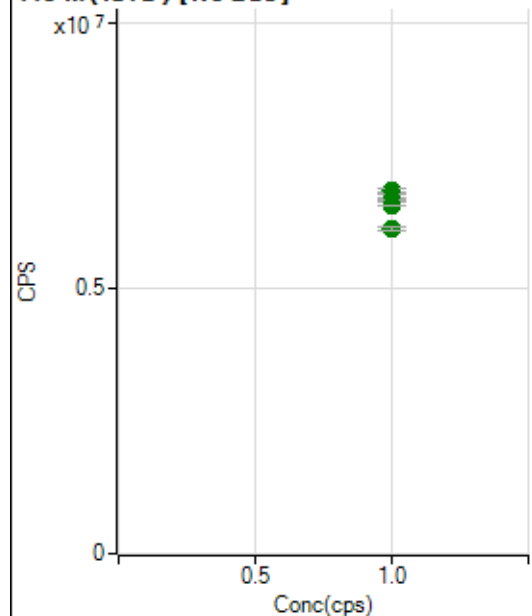
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1019168.46		P	0.4
2	☐	1.000					
3	☐	1.000		1027783.86		P	0.5
4	☐	1.000		1038795.85		P	1.0
5	☐	1.000		1031601.10		P	0.6
6	☐	1.000		1034615.00		P	1.1
7	☐	1.000		1042801.00		P	1.0
8	☐	1.000		1054391.34		P	0.5
9	☐	1.000		1045286.32		P	0.6

103 Rh (ISTD) [No Gas]

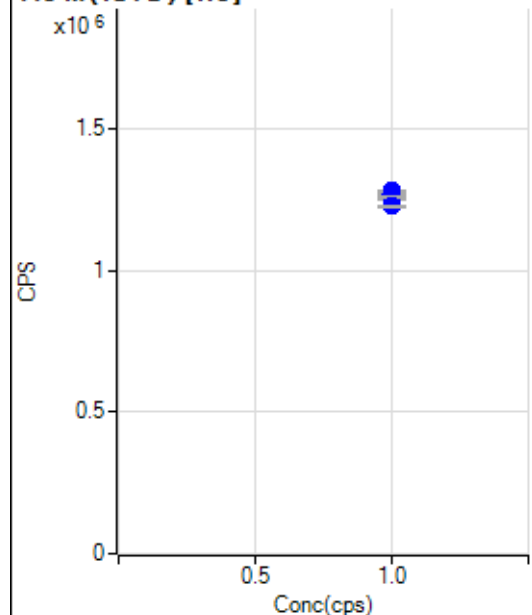
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6498401.88		A	0.6
2	☐	1.000					
3	☐	1.000		6529699.97		A	0.2
4	☐	1.000		6555731.70		A	0.1
5	☐	1.000		6481290.29		A	0.8
6	☐	1.000		6344511.30		A	1.0
7	☐	1.000		6380541.11		A	0.4
8	☐	1.000		6230909.60		A	0.7
9	☐	1.000		5651890.80		A	0.5

103 Rh (ISTD) [He]

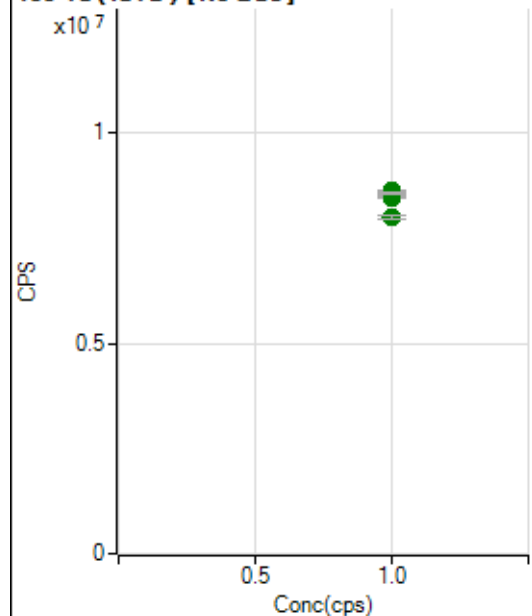
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2955506.38		P	0.3
2	☐	1.000					
3	☐	1.000		2974229.19		P	0.4
4	☐	1.000		2984205.82		P	0.5
5	☐	1.000		2981485.68		P	0.2
6	☐	1.000		2972221.07		P	1.3
7	☐	1.000		2946354.09		P	0.8
8	☐	1.000		2903403.05		P	0.9
9	☐	1.000		2668570.27		P	0.9

115 In (ISTD) [No Gas]

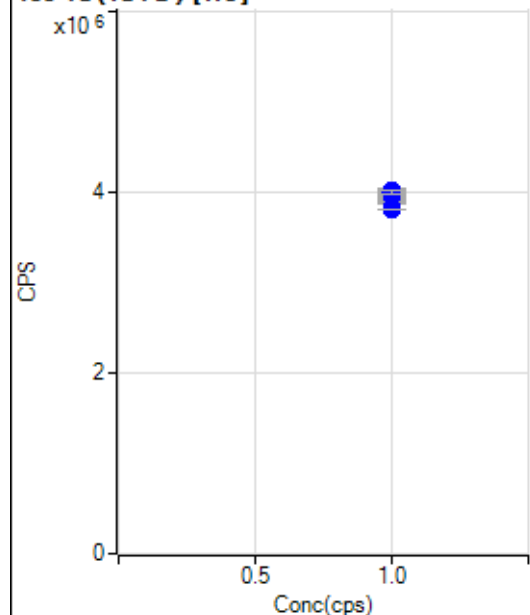
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6640094.11		A	0.5
2	☐	1.000					
3	☐	1.000		6786167.78		A	0.9
4	☐	1.000		6831698.95		A	1.0
5	☐	1.000		6772365.12		A	0.5
6	☐	1.000		6667537.93		A	0.7
7	☐	1.000		6642646.47		A	0.5
8	☐	1.000		6555055.30		A	0.1
9	☐	1.000		6119681.19		A	1.3

115 In (ISTD) [He]

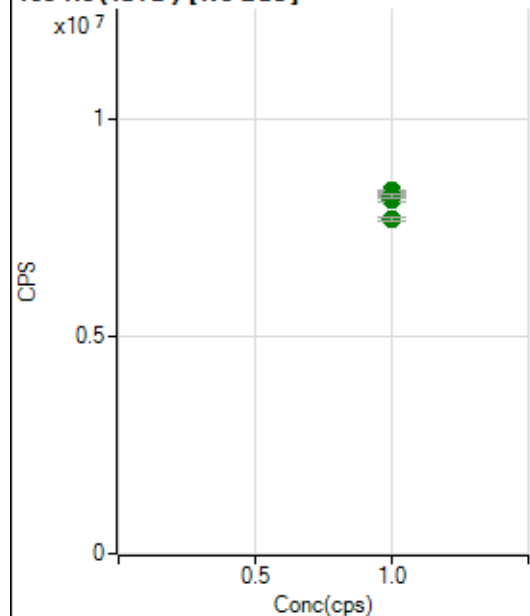
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1260432.06		P	0.9
2	☐	1.000					
3	☐	1.000		1263078.09		P	1.2
4	☐	1.000		1282871.78		P	0.3
5	☐	1.000		1270908.63		P	0.9
6	☐	1.000		1273751.08		P	1.0
7	☐	1.000		1270975.00		P	1.5
8	☐	1.000		1262245.67		P	0.7
9	☐	1.000		1228902.57		P	0.3

159 Tb (ISTD) [No Gas]

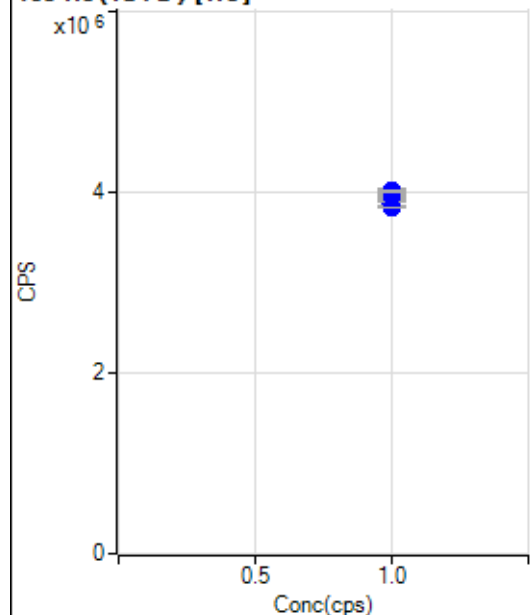
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8463556.54		A	0.4
2	☐	1.000					
3	☐	1.000		8516222.17		A	0.7
4	☐	1.000		8545133.90		A	1.6
5	☐	1.000		8620946.40		A	0.5
6	☐	1.000		8582243.07		A	0.8
7	☐	1.000		8569924.04		A	1.0
8	☐	1.000		8567871.96		A	0.8
9	☐	1.000		7976503.91		A	1.1

159 Tb (ISTD) [He]

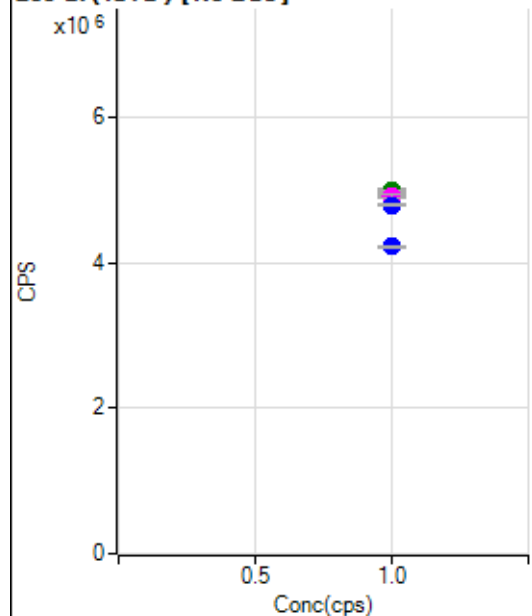
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3876448.14		P	0.8
2	☐	1.000					
3	☐	1.000		3901180.46		P	0.6
4	☐	1.000		3950233.10		P	0.7
5	☐	1.000		3959836.92		P	0.8
6	☐	1.000		3976840.42		P	1.1
7	☐	1.000		4013409.11		P	1.1
8	☐	1.000		3996141.22		P	1.0
9	☐	1.000		3811164.07		P	0.2

165 Ho (ISTD) [No Gas]

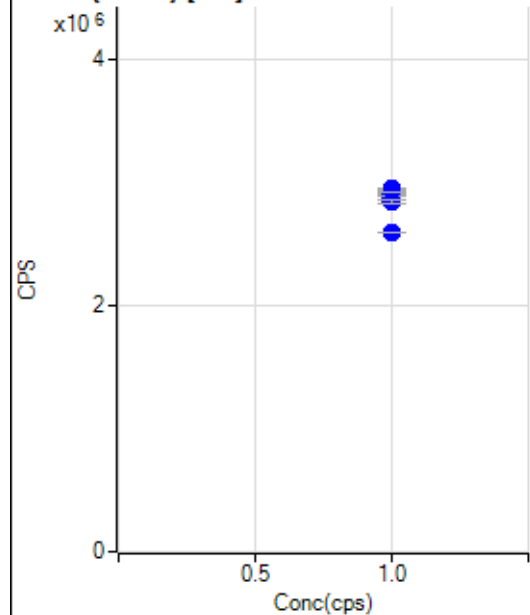
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8136290.11		A	1.3
2	☐	1.000					
3	☐	1.000		8283908.78		A	1.8
4	☐	1.000		8252975.45		A	1.1
5	☐	1.000		8356374.67		A	0.6
6	☐	1.000		8243886.82		A	0.5
7	☐	1.000		8186853.31		A	1.6
8	☐	1.000		8238376.57		A	1.0
9	☐	1.000		7720445.57		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3874693.83		P	1.0
2	☐	1.000					
3	☐	1.000		3907575.98		P	0.7
4	☐	1.000		3960378.13		P	1.1
5	☐	1.000		3990899.04		P	1.2
6	☐	1.000		4016983.07		P	1.1
7	☐	1.000		4018966.26		P	1.5
8	☐	1.000		4020717.09		P	0.6
9	☐	1.000		3830945.18		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4922427.53		A	0.6
2	☐	1.000					
3	☐	1.000		4979033.78		M	1.7
4	☐	1.000		4949733.36		M	0.8
5	☐	1.000		4995199.34		A	0.5
6	☐	1.000		4926806.70		P	0.8
7	☐	1.000		4925301.73		M	0.8
8	☐	1.000		4803633.71		P	0.3
9	☐	1.000		4232760.94		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2874589.50		P	1.2
2	☐	1.000					
3	☐	1.000		2892805.55		P	0.3
4	☐	1.000		2948256.69		P	0.9
5	☐	1.000		2921214.71		P	0.8
6	☐	1.000		2920910.86		P	0.7
7	☐	1.000		2904618.84		P	1.4
8	☐	1.000		2842472.18		P	1.2
9	☐	1.000		2597073.30		P	0.1

US EPA Tune Check Sample Report

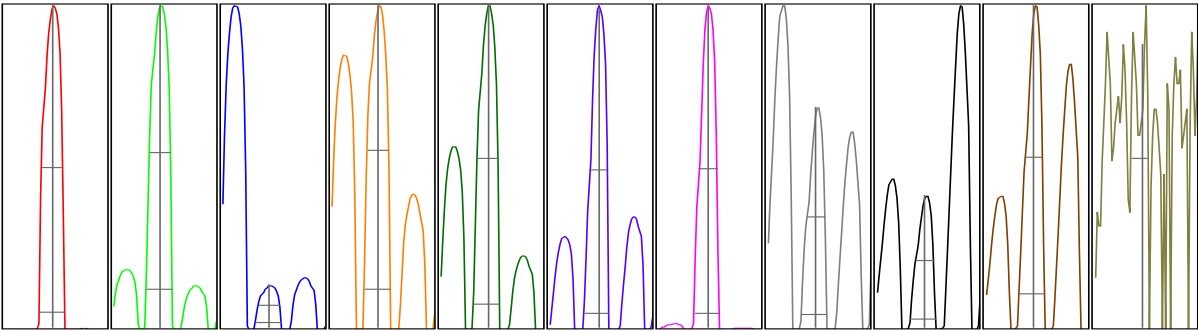
Batch Folder D:\ICP-MS Data\P7101817-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3686	0.79	5.00	
24	226931	1.21	5.00	
25	31268	0.59	5.00	
26	36719	0.57	5.00	
59	43288	1.09	5.00	
113	16657	1.28	5.00	
115	357731	1.02	5.00	
206	13720	1.11	5.00	
207	12471	1.06	5.00	
208	29106	1.41	5.00	
220	1	52.45		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3665	3651	3685	3707	3721
24	228606	224592	224651	225912	230893
25	31097	31073	31342	31316	31513
26	36640	36431	36683	36916	36927
59	42700	42997	43217	43691	43836
113	16453	16549	16512	16854	16918
115	353749	356214	358027	363603	357062
206	13513	13636	13720	13843	13886
207	12252	12485	12476	12600	12541
208	28478	29012	29101	29415	29524
220	0	0	1	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	6424	8.95	8.9 - 9.1		0.739	0.900	
24	387325	23.90	23.9 - 24.1		0.753	0.900	
25	52522	24.90	24.9 - 25.1		0.750	0.900	
26	62033	25.90	25.9 - 26.1		0.758	0.900	
59	75948	58.95	58.9 - 59.1		0.759	0.900	
113	32444	113.00	112.9 - 113.1		0.718	0.900	
115	698580	115.00	114.9 - 115.1		0.732	0.900	
206	27026	205.95	205.9 - 206.1		0.734	0.900	
207	24099	206.95	206.9 - 207.1		0.730	0.900	
208	58347	207.95	207.9 - 208.1		0.736	0.900	
220	1	219.95	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	13.4	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11606	0.30	
89	5294	0.43	
205	12039	0.51	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11614	11579	11576	11663	11598
89	5259	5316	5304	5285	5308
205	12114	12046	11950	12068	12017

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.8	V	Deflect	2.0	V
Extract 2	-250.0	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	4.1	mL/min	OctP RF	200	V			

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 13:17:06 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	-0.39	-0.26	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.17	-0.06	0.22	0.00	N/A	ppb
Boron	11-1	0.11	-0.07	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.37	-0.23	-0.14	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.43	-4.26	3.82	0.00	N/A	ppb
Calcium	44-1	-0.22	1.30	-1.08	0.00	N/A	ppb
Chromium	52-2	0.01	0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.02	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	-0.06	0.03	0.03	0.00	N/A	ppb
Iron	57-2	-1.13	0.92	0.21	0.00	N/A	ppb
Lead	206-1	0.02	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.28	-0.05	0.34	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:17:06	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-0.23	5.84	-0.30	1.77	199.04	ppb
Potassium	39-2	3.07	0.73	-3.80	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	0.58	0.78	-1.35	0.00	N/A	ppb
Selenium	82-1	0.36	0.14	-0.50	0.00	N/A	ppb
Silicon	28-1	5.13	-3.43	-1.70	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.57	0.39	-0.96	0.00	N/A	ppb
Strontium	86-1	-0.02	0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	538.06	564.79	749.88	617.58	18.68	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.01	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:17:06	DataFile Name :	006CALB.d

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

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.95	18.07	17.94	17.65	3.45	ppb
Antimony	121-1	1.75	1.83	1.69	1.76	3.96	ppb
Arsenic	75-2	0.91	0.85	0.95	0.90	5.92	ppb
Barium	135-1	8.41	8.85	8.60	8.62	2.56	ppb
Barium	137-1	8.92	8.63	8.90	8.81	1.83	ppb
Beryllium	9-1	0.99	0.81	0.83	0.88	11.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	20.28	20.08	22.11	20.82	5.36	ppb
Boron	11-1	21.51	21.12	21.64	21.42	1.26	ppb
Cadmium	111-1	0.82	0.85	0.79	0.82	3.62	ppb
Cadmium	106-1	-0.37	0.70	-0.14	0.06	920.88	ppb
Cadmium	108-1	0.81	0.93	0.95	0.90	8.18	ppb
Calcium	43-1	438.61	408.87	387.77	411.75	6.20	ppb
Calcium	44-1	415.04	414.03	421.57	416.88	0.98	ppb
Chromium	52-2	1.85	1.93	1.93	1.90	2.38	ppb
Cobalt	59-2	0.93	0.95	0.94	0.94	0.68	ppb
Copper	63-2	1.86	1.78	2.05	1.89	7.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	48.26	48.28	49.77	48.77	1.77	ppb
Iron	57-2	46.81	44.84	46.12	45.93	2.17	ppb
Lead	206-1	0.90	0.99	0.87	0.92	6.66	ppb
Lead	207-1	0.84	0.91	0.89	0.88	4.52	ppb
Lead	208-1	0.89	0.93	0.88	0.90	2.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	435.14	438.94	448.72	440.93	1.59	ppb
Manganese	55-2	0.94	0.95	0.92	0.94	1.32	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.91	1.81	1.87	1.86	2.75	ppb
Molybdenum	95-1	4.44	4.39	4.39	4.41	0.64	ppb
Molybdenum	96-1	3.95	3.81	3.68	3.81	3.62	ppb
Molybdenum	97-1	4.63	4.46	4.62	4.57	2.15	ppb
Molybdenum	98-1	4.43	4.30	4.31	4.35	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.98	1.00	1.02	4.38	ppb
Phosphorus	31-2	9.20	-12.40	-2.10	-1.77		ppb
Potassium	39-2	430.61	445.61	451.65	442.62	2.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.83	3.65	4.22	4.23	13.97	ppb
Selenium	78-2	3.30	2.85	4.77	3.64	27.61	ppb
Selenium	82-1	4.13	4.01	5.15	4.43	14.15	ppb
Silicon	28-1	9.25	9.98	10.02	9.75	4.44	ppb
Silver	109-1	0.89	0.89	0.90	0.89	0.64	ppb
Silver	107-1	0.92	0.90	0.89	0.90	2.21	ppb
Sodium	23-2	449.33	446.57	467.13	454.34	2.46	ppb
Strontium	86-1	0.84	0.86	0.96	0.89	7.53	ppb
Strontium	88-1	0.91	0.95	0.88	0.91	3.95	ppb
Sulfur	34-1	-509.51	-822.80	-520.43	-617.58		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.88	0.89	0.90	3.31	ppb
Thallium	205-1	0.90	0.87	0.91	0.89	2.23	ppb
Tin	118-1	4.45	4.33	4.42	4.40	1.37	ppb
Titanium	47-1	4.24	4.71	4.54	4.50	5.29	ppb
Uranium	238-1	0.80	0.83	0.88	0.84	5.06	ppb
Vanadium	51-2	4.39	4.47	4.30	4.39	1.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1.93	2.06	2.16	2.05	5.52	ppb
Zirconium	90-1	0.80	0.84	0.73	0.79	6.69	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.87	0.83	0.84	3.26	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	939.67	949.55	946.78	945.33	0.54	ppb
Antimony	121-1	48.49	47.55	49.55	48.53	2.07	ppb
Arsenic	75-2	48.77	48.55	49.34	48.89	0.83	ppb
Barium	135-1	243.14	244.21	252.91	246.75	2.17	ppb
Barium	137-1	245.85	243.95	248.49	246.10	0.93	ppb
Beryllium	9-1	49.84	49.77	49.86	49.82	0.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	48.87	49.22	50.87	49.65	2.15	ppb
Boron	11-1	49.73	50.36	48.33	49.47	2.11	ppb
Cadmium	111-1	50.00	50.17	51.92	50.70	2.09	ppb
Cadmium	106-1	50.52	51.29	49.39	50.40	1.90	ppb
Cadmium	108-1	49.64	48.91	51.65	50.06	2.83	ppb
Calcium	43-1	4417.66	4444.33	4506.37	4456.12	1.02	ppb
Calcium	44-1	4586.32	4554.30	4636.28	4592.30	0.90	ppb
Chromium	52-2	50.81	50.80	50.99	50.87	0.21	ppb
Cobalt	59-2	51.53	51.57	52.09	51.73	0.60	ppb
Copper	63-2	103.59	104.31	104.51	104.13	0.46	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				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2600.41	2603.16	2623.69	2609.09	0.49	ppb
Iron	57-2	2629.56	2617.03	2607.85	2618.15	0.42	ppb
Lead	206-1	50.05	48.98	50.57	49.87	1.63	ppb
Lead	207-1	49.51	49.04	49.79	49.45	0.76	ppb
Lead	208-1	50.07	49.73	50.30	50.03	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	4987.89	4934.54	4956.84	4959.76	0.54	ppb
Manganese	55-2	99.86	99.97	99.97	99.93	0.06	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.35	48.21	48.15	48.23	0.22	ppb
Molybdenum	95-1	50.31	49.55	49.61	49.82	0.84	ppb
Molybdenum	96-1	49.90	48.18	49.16	49.08	1.75	ppb
Molybdenum	97-1	49.24	49.78	49.53	49.51	0.55	ppb
Molybdenum	98-1	49.69	49.05	48.82	49.19	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.50	51.88	51.91	51.77	0.44	ppb
Phosphorus	31-2	1018.27	1006.26	968.22	997.58	2.62	ppb
Potassium	39-2	2450.63	2423.45	2441.02	2438.37	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	52.03	44.01	48.72	48.25	8.36	ppb
Selenium	78-2	47.65	45.49	48.87	47.34	3.62	ppb
Selenium	82-1	49.79	48.37	48.98	49.05	1.46	ppb
Silicon	28-1	51.30	49.62	53.24	51.39	3.53	ppb
Silver	109-1	50.02	49.66	51.82	50.50	2.28	ppb
Silver	107-1	50.34	49.84	51.34	50.51	1.52	ppb
Sodium	23-2	5123.18	5065.25	5117.75	5102.06	0.63	ppb
Strontium	86-1	48.70	49.11	49.65	49.16	0.98	ppb
Strontium	88-1	49.85	49.86	49.58	49.76	0.31	ppb
Sulfur	34-1	777.22	420.77	783.36	660.45	31.43	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	48.34	48.07	48.63	48.35	0.58	ppb
Thallium	205-1	49.48	48.77	49.30	49.18	0.75	ppb
Tin	118-1	49.08	48.75	49.69	49.17	0.97	ppb
Titanium	47-1	48.78	48.84	48.27	48.63	0.65	ppb
Uranium	238-1	47.37	47.10	47.83	47.43	0.78	ppb
Vanadium	51-2	49.61	48.92	50.77	49.77	1.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	102.85	102.48	104.53	103.28	1.06	ppb
Zirconium	90-1	48.28	48.16	48.28	48.24	0.15	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.13	49.10	49.24	49.16	0.16	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:35:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2405.43	2380.35	2390.33	2392.04	0.53	ppb
Antimony	121-1	121.71	122.16	122.24	122.04	0.24	ppb
Arsenic	75-2	121.50	121.04	120.75	121.09	0.31	ppb
Barium	135-1	614.96	606.72	613.89	611.86	0.73	ppb
Barium	137-1	613.66	612.32	612.70	612.89	0.11	ppb
Beryllium	9-1	122.37	123.60	121.63	122.53	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	121.62	121.61	122.35	121.86	0.35	ppb
Boron	11-1	121.21	122.01	120.24	121.15	0.73	ppb
Cadmium	111-1	125.61	123.63	125.96	125.06	1.01	ppb
Cadmium	106-1	120.77	123.72	124.40	122.97	1.57	ppb
Cadmium	108-1	118.98	126.32	126.07	123.79	3.37	ppb
Calcium	43-1	11405.46	11464.76	11303.21	11391.14	0.72	ppb
Calcium	44-1	11506.71	11685.03	11628.98	11606.91	0.79	ppb
Chromium	52-2	126.74	126.00	125.59	126.11	0.46	ppb
Cobalt	59-2	128.83	127.22	127.34	127.80	0.70	ppb
Copper	63-2	259.41	258.37	258.20	258.66	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	6493.67	6406.72	6375.49	6425.29	0.95	ppb
Iron	57-2	6370.77	6472.09	6460.63	6434.50	0.86	ppb
Lead	206-1	124.23	125.19	123.10	124.17	0.84	ppb
Lead	207-1	123.34	125.42	122.27	123.68	1.30	ppb
Lead	208-1	124.27	125.79	123.64	124.57	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	12356.80	12292.81	12328.61	12326.07	0.26	ppb
Manganese	55-2	249.14	246.79	250.97	248.97	0.84	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:35:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.95	122.21	121.02	122.39	1.20	ppb
Molybdenum	95-1	124.05	123.99	123.38	123.81	0.30	ppb
Molybdenum	96-1	125.65	123.14	122.72	123.84	1.28	ppb
Molybdenum	97-1	123.34	122.94	123.30	123.19	0.18	ppb
Molybdenum	98-1	123.47	119.85	121.60	121.64	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.57	128.11	127.79	128.49	0.74	ppb
Phosphorus	31-2	2541.38	2523.37	2445.77	2503.51	2.03	ppb
Potassium	39-2	6114.37	6116.87	6052.42	6094.56	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	106.97	111.20	130.89	116.35	10.97	ppb
Selenium	78-2	118.36	122.63	121.92	120.97	1.89	ppb
Selenium	82-1	125.95	125.10	123.42	124.82	1.03	ppb
Silicon	28-1	131.72	130.45	130.64	130.94	0.53	ppb
Silver	109-1	125.85	123.04	124.87	124.59	1.14	ppb
Silver	107-1	126.54	124.67	125.99	125.73	0.77	ppb
Sodium	23-2	12840.43	12740.24	12734.25	12771.64	0.47	ppb
Strontium	86-1	123.45	122.38	123.04	122.96	0.44	ppb
Strontium	88-1	124.64	123.64	124.40	124.23	0.42	ppb
Sulfur	34-1	1323.39	1201.58	978.80	1167.92	14.96	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	120.61	121.80	121.71	121.37	0.54	ppb
Thallium	205-1	121.82	123.21	123.27	122.77	0.67	ppb
Tin	118-1	120.24	120.98	120.63	120.62	0.31	ppb
Titanium	47-1	122.12	120.78	120.27	121.05	0.79	ppb
Uranium	238-1	115.84	117.39	115.98	116.40	0.74	ppb
Vanadium	51-2	125.09	124.11	124.75	124.65	0.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	255.07	253.79	253.15	254.00	0.38	ppb
Zirconium	90-1	122.16	120.93	120.45	121.18	0.73	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:35:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.38	122.61	122.93	123.31	0.77	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4846.14	4869.32	4831.43	4848.96	0.39	ppb
Antimony	121-1	246.33	249.06	249.42	248.27	0.68	ppb
Arsenic	75-2	247.76	247.77	247.75	247.76	0.00	ppb
Barium	135-1	1234.59	1248.72	1235.82	1239.71	0.63	ppb
Barium	137-1	1239.73	1223.68	1241.11	1234.84	0.78	ppb
Beryllium	9-1	252.56	247.54	252.09	250.73	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	242.76	237.56	250.19	243.50	2.61	ppb
Boron	11-1	242.81	240.76	250.20	244.59	2.03	ppb
Cadmium	111-1	249.69	255.40	253.43	252.84	1.15	ppb
Cadmium	106-1	252.71	248.64	246.98	249.44	1.18	ppb
Cadmium	108-1	253.94	252.78	250.28	252.33	0.74	ppb
Calcium	43-1	22727.63	22699.49	23226.06	22884.39	1.29	ppb
Calcium	44-1	22695.59	23190.08	23300.07	23061.91	1.40	ppb
Chromium	52-2	254.94	253.45	255.42	254.60	0.40	ppb
Cobalt	59-2	258.35	259.30	259.32	258.99	0.21	ppb
Copper	63-2	520.48	520.74	521.23	520.82	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	13103.02	12869.68	12916.43	12963.04	0.95	ppb
Iron	57-2	13063.51	12973.31	13172.38	13069.73	0.76	ppb
Lead	206-1	249.67	253.53	252.49	251.90	0.79	ppb
Lead	207-1	248.31	251.91	250.87	250.36	0.74	ppb
Lead	208-1	251.53	254.01	251.90	252.48	0.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	24963.25	25151.61	24819.98	24978.28	0.67	ppb
Manganese	55-2	502.72	503.70	499.09	501.84	0.48	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.20	250.77	244.66	248.55	1.36	ppb
Molybdenum	95-1	255.55	254.75	251.82	254.04	0.77	ppb
Molybdenum	96-1	254.30	253.07	249.20	252.19	1.06	ppb
Molybdenum	97-1	254.99	250.33	249.84	251.72	1.13	ppb
Molybdenum	98-1	250.33	249.73	244.93	248.33	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.24	260.01	258.76	258.67	0.54	ppb
Phosphorus	31-2	5132.83	5073.47	5007.24	5071.18	1.24	ppb
Potassium	39-2	12346.71	12308.17	12315.52	12323.47	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	258.96	264.97	242.39	255.44	4.58	ppb
Selenium	78-2	252.62	241.86	248.72	247.73	2.20	ppb
Selenium	82-1	254.23	252.21	249.07	251.84	1.03	ppb
Silicon	28-1	270.01	275.42	278.47	274.64	1.56	ppb
Silver	109-1	249.91	252.82	250.73	251.16	0.60	ppb
Silver	107-1	249.41	249.53	251.48	250.14	0.46	ppb
Sodium	23-2	25459.81	25588.85	25238.81	25429.16	0.70	ppb
Strontium	86-1	249.80	252.45	245.00	249.08	1.52	ppb
Strontium	88-1	253.24	249.93	247.73	250.30	1.11	ppb
Sulfur	34-1	3822.07	3517.33	3991.32	3776.91	6.36	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	239.45	245.17	244.90	243.17	1.33	ppb
Thallium	205-1	244.89	249.46	248.73	247.69	0.99	ppb
Tin	118-1	242.11	245.59	246.06	244.59	0.88	ppb
Titanium	47-1	243.43	249.69	249.65	247.59	1.45	ppb
Uranium	238-1	235.59	238.67	237.25	237.17	0.65	ppb
Vanadium	51-2	250.36	251.00	251.94	251.10	0.32	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	519.20	513.26	517.73	516.73	0.60	ppb
Zirconium	90-1	248.16	244.04	243.21	245.14	1.08	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.17	251.82	246.99	250.33	1.16	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9578.86	9667.60	9750.41	9665.62	0.89	ppb
Antimony	121-1	493.79	508.23	502.17	501.40	1.45	ppb
Arsenic	75-2	500.31	510.28	500.13	503.57	1.15	ppb
Barium	135-1	2463.80	2538.44	2499.21	2500.48	1.49	ppb
Barium	137-1	2489.06	2557.17	2534.58	2526.93	1.37	ppb
Beryllium	9-1	503.17	494.76	496.49	498.14	0.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	486.91	488.78	498.26	491.31	1.24	ppb
Boron	11-1	492.24	486.60	499.95	492.93	1.36	ppb
Cadmium	111-1	506.12	519.35	513.37	512.95	1.29	ppb
Cadmium	106-1	499.03	519.61	519.53	512.72	2.31	ppb
Cadmium	108-1	506.05	516.27	510.29	510.87	1.01	ppb
Calcium	43-1	46716.46	46217.18	46047.31	46326.99	0.75	ppb
Calcium	44-1	47589.42	46235.64	46105.67	46643.58	1.76	ppb
Chromium	52-2	504.02	506.67	508.16	506.28	0.41	ppb
Cobalt	59-2	507.69	510.05	516.51	511.42	0.89	ppb
Copper	63-2	1007.12	1014.28	1024.26	1015.22	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	25831.91	25825.22	26357.45	26004.86	1.17	ppb
Iron	57-2	25738.29	26141.82	26348.83	26076.31	1.19	ppb
Lead	206-1	499.33	498.22	515.35	504.30	1.90	ppb
Lead	207-1	497.90	503.93	508.00	503.28	1.01	ppb
Lead	208-1	497.28	500.05	505.66	501.00	0.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	49481.53	49407.69	49312.40	49400.54	0.17	ppb
Manganese	55-2	1000.57	1013.11	1018.83	1010.84	0.92	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.40	496.92	492.71	498.35	1.30	ppb
Molybdenum	95-1	512.54	503.53	502.72	506.26	1.08	ppb
Molybdenum	96-1	513.07	501.55	499.99	504.87	1.41	ppb
Molybdenum	97-1	513.00	503.80	505.13	507.31	0.98	ppb
Molybdenum	98-1	505.19	494.86	498.03	499.36	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.29	509.89	515.37	510.85	0.81	ppb
Phosphorus	31-2	10043.56	9925.20	10441.44	10136.73	2.67	ppb
Potassium	39-2	24482.09	24529.18	24704.03	24571.77	0.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	512.69	524.85	503.01	513.52	2.13	ppb
Selenium	78-2	512.10	502.91	508.36	507.79	0.91	ppb
Selenium	82-1	513.85	504.85	512.13	510.27	0.94	ppb
Silicon	28-1	565.64	556.73	554.43	558.93	1.06	ppb
Silver	109-1	500.35	509.75	505.05	505.05	0.93	ppb
Silver	107-1	496.31	514.53	505.02	505.29	1.80	ppb
Sodium	23-2	50148.12	50505.29	50789.77	50481.06	0.64	ppb
Strontium	86-1	510.09	494.94	500.12	501.72	1.53	ppb
Strontium	88-1	507.67	498.60	500.75	502.34	0.94	ppb
Sulfur	34-1	10027.49	9549.20	9496.97	9691.22	3.02	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	486.43	487.59	505.42	493.15	2.16	ppb
Thallium	205-1	494.93	492.49	504.32	497.24	1.26	ppb
Tin	118-1	495.10	503.07	496.72	498.30	0.84	ppb
Titanium	47-1	506.59	502.77	504.20	504.52	0.38	ppb
Uranium	238-1	496.26	490.41	503.73	496.80	1.34	ppb
Vanadium	51-2	502.94	507.26	503.62	504.61	0.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1014.85	1020.71	1026.05	1020.54	0.55	ppb
Zirconium	90-1	510.94	502.47	495.51	502.97	1.54	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.44	501.48	496.25	502.39	1.32	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:46:38	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19255.68	19179.65	19158.11	19197.81	0.27	ppb
Antimony	121-1	1018.11	984.51	997.92	1000.18	1.69	ppb
Arsenic	75-2	998.51	999.70	999.75	999.32	0.07	ppb
Barium	135-1	5020.25	4954.72	5037.45	5004.14	0.87	ppb
Barium	137-1	5029.03	4945.15	5001.93	4992.03	0.86	ppb
Beryllium	9-1	1003.23	995.41	1004.56	1001.06	0.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	991.45	1018.68	1009.32	1006.48	1.37	ppb
Boron	11-1	993.61	1013.61	1009.23	1005.48	1.05	ppb
Cadmium	111-1	1008.21	981.92	988.19	992.77	1.38	ppb
Cadmium	106-1	1012.42	982.27	987.34	994.01	1.62	ppb
Cadmium	108-1	997.48	986.79	998.13	994.13	0.64	ppb
Calcium	43-1	90656.41	91447.06	92548.06	91550.51	1.04	ppb
Calcium	44-1	92400.72	92421.71	92043.86	92288.76	0.23	ppb
Chromium	52-2	996.11	1000.25	990.22	995.53	0.51	ppb
Cobalt	59-2	996.10	995.61	983.11	991.61	0.74	ppb
Copper	63-2	2016.31	1981.73	1959.65	1985.90	1.44	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				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	51729.59	51220.55	51135.30	51361.81	0.63	ppb
Iron	57-2	51147.41	50887.86	50564.93	50866.73	0.57	ppb
Lead	206-1	1002.78	994.07	995.61	997.48	0.47	ppb
Lead	207-1	999.16	997.61	998.62	998.46	0.08	ppb
Lead	208-1	1004.91	996.49	995.40	998.93	0.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	98357.11	97523.19	97417.15	97765.82	0.53	ppb
Manganese	55-2	1995.03	1990.51	1997.23	1994.25	0.17	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:46:38	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1015.56	999.69	989.61	1001.62	1.31	ppb
Molybdenum	95-1	993.83	994.30	999.93	996.02	0.34	ppb
Molybdenum	96-1	987.11	1006.63	997.91	997.22	0.98	ppb
Molybdenum	97-1	1000.30	991.65	996.55	996.17	0.44	ppb
Molybdenum	98-1	1004.08	1004.20	995.33	1001.20	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.77	992.89	982.99	991.88	0.85	ppb
Phosphorus	31-2	20125.42	19599.52	20015.62	19913.52	1.39	ppb
Potassium	39-2	48605.05	48804.59	48490.29	48633.31	0.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	1018.84	981.18	979.14	993.05	2.25	ppb
Selenium	78-2	1001.33	988.03	1002.58	997.32	0.81	ppb
Selenium	82-1	1001.55	987.93	993.95	994.48	0.69	ppb
Silicon	28-1	961.45	955.57	973.68	963.57	0.96	ppb
Silver	109-1	1008.09	991.16	992.39	997.21	0.95	ppb
Silver	107-1	1015.26	984.43	991.92	997.20	1.61	ppb
Sodium	23-2	100171.11	101140.95	98930.95	100081.00	1.11	ppb
Strontium	86-1	992.48	995.36	1011.16	999.67	1.01	ppb
Strontium	88-1	1004.73	997.63	994.23	998.86	0.54	ppb
Sulfur	34-1	21086.69	20180.42	20663.84	20643.65	2.20	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1014.14	1008.42	994.45	1005.67	1.01	ppb
Thallium	205-1	1010.12	1005.22	991.48	1002.28	0.96	ppb
Tin	118-1	1017.03	995.56	995.80	1002.80	1.23	ppb
Titanium	47-1	999.69	996.62	1000.41	998.91	0.20	ppb
Uranium	238-1	1007.60	1004.59	1005.84	1006.01	0.15	ppb
Vanadium	51-2	995.34	997.76	999.34	997.48	0.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1995.61	1987.21	1971.82	1984.88	0.61	ppb
Zirconium	90-1	997.93	1005.23	997.72	1000.29	0.43	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:46:38	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.88	997.91	1002.15	998.98	0.28	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100629.98	100457.56	99526.48	100204.67	0.59	ppb
Antimony	121-1	3.01	2.92	2.84	2.92	3.01	ppb
Arsenic	75-2	0.50	0.51	0.56	0.52	6.25	ppb
Barium	135-1	1.41	1.47	1.59	1.49	5.95	ppb
Barium	137-1	1.60	1.60	1.46	1.55	5.36	ppb
Beryllium	9-1	0.24	0.27	0.23	0.25	9.70	ppb
Bismuth	209-1				86		%
Bismuth	209-2				90		%
Boron	10-1	20.74	19.27	18.83	19.61	5.11	ppb
Boron	11-1	20.24	19.59	17.49	19.10	7.53	ppb
Cadmium	111-1	0.13	0.05	0.07	0.08	54.60	ppb
Cadmium	106-1	0.57	-0.32	0.15	0.13	332.31	ppb
Cadmium	108-1	0.17	0.06	0.06	0.10	63.01	ppb
Calcium	43-1	504469.82	507535.03	494583.84	502196.23	1.35	ppb
Calcium	44-1	505008.65	505290.04	495705.16	502001.28	1.09	ppb
Chromium	52-2	14.77	15.02	14.13	14.64	3.14	ppb
Cobalt	59-2	1.14	1.20	1.20	1.18	2.86	ppb
Copper	63-2	2.56	2.43	2.45	2.48	2.78	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				95		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	250729.55	250632.60	247433.43	249598.53	0.75	ppb
Iron	57-2	250321.58	251026.72	247705.94	249684.74	0.70	ppb
Lead	206-1	1.16	1.18	1.29	1.21	5.72	ppb
Lead	207-1	1.09	1.14	1.20	1.14	4.84	ppb
Lead	208-1	1.13	1.15	1.22	1.17	3.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	500250.16	503182.83	498105.04	500512.68	0.51	ppb
Manganese	55-2	7.82	8.27	8.19	8.09	2.95	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.98	0.98	0.95	0.97	1.60	ppb
Molybdenum	95-1	2.66	2.73	2.79	2.73	2.38	ppb
Molybdenum	96-1	2.91	2.70	2.75	2.78	3.87	ppb
Molybdenum	97-1	2.77	2.74	2.84	2.78	1.86	ppb
Molybdenum	98-1	2.81	2.63	2.69	2.71	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.79	9.69	9.69	9.72	0.62	ppb
Phosphorus	31-2	29.29	37.26	26.87	31.14	17.45	ppb
Potassium	39-2	251778.30	248736.32	250474.20	250329.61	0.61	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	1.19	1.19	0.00	0.80	86.60	ppb
Selenium	78-2	1.04	1.25	-0.08	0.74	96.59	ppb
Selenium	82-1	0.50	1.05	1.29	0.94	43.14	ppb
Silicon	28-1	13.55	13.08	11.25	12.63	9.62	ppb
Silver	109-1	0.11	0.10	0.12	0.11	10.05	ppb
Silver	107-1	0.09	0.10	0.13	0.11	17.90	ppb
Sodium	23-2	503084.92	502592.81	494041.68	499906.47	1.02	ppb
Strontium	86-1	36.99	36.50	35.70	36.40	1.79	ppb
Strontium	88-1	36.87	37.07	36.85	36.93	0.33	ppb
Sulfur	34-1	-769.66	-520.13	-663.96	-651.25		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.56	0.44	0.41	0.47	16.23	ppb
Thallium	205-1	0.52	0.46	0.44	0.47	8.77	ppb
Tin	118-1	1.26	1.29	1.27	1.27	1.47	ppb
Titanium	47-1	0.90	0.73	0.74	0.79	11.97	ppb
Uranium	238-1	0.10	0.08	0.09	0.09	9.50	ppb
Vanadium	51-2	0.16	0.17	0.13	0.15	12.72	ppb
Yttrium	89-1				96		%
Yttrium	89-2				103		%
Zinc	66-2	6.05	6.22	5.98	6.08	2.03	ppb
Zirconium	90-1	0.19	0.17	0.19	0.18	6.74	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.18	0.25	0.22	18.11	ppb

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:07:07 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.30	501.49	503.79	497.19	1.91	ppb
Antimony	121-1	188.06	187.04	185.39	186.83	0.72	ppb
Arsenic	75-2	187.85	188.98	189.51	188.78	0.45	ppb
Barium	135-1	96.99	95.64	95.05	95.89	1.04	ppb
Barium	137-1	98.08	97.31	94.21	96.53	2.12	ppb
Beryllium	9-1	91.44	91.69	91.64	91.59	0.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	522.07	533.97	520.28	525.44	1.42	ppb
Boron	11-1	519.50	529.64	524.44	524.52	0.97	ppb
Cadmium	111-1	102.73	102.25	101.51	102.17	0.60	ppb
Cadmium	106-1	182.15	179.83	180.02	180.66	0.71	ppb
Cadmium	108-1	145.37	147.43	144.04	145.61	1.17	ppb
Calcium	43-1	2000.76	1957.66	1962.90	1973.77	1.19	ppb
Calcium	44-1	1960.05	1958.73	1928.34	1949.04	0.92	ppb
Chromium	52-2	91.79	93.62	93.60	93.00	1.13	ppb
Cobalt	59-2	96.62	98.27	96.51	97.13	1.02	ppb
Copper	63-2	96.91	98.72	96.94	97.53	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	1005.04	1005.64	1013.49	1008.06	0.47	ppb
Iron	57-2	974.86	957.97	992.75	975.20	1.78	ppb
Lead	206-1	197.27	196.16	195.21	196.21	0.53	ppb
Lead	207-1	188.83	188.16	187.35	188.11	0.39	ppb
Lead	208-1	192.46	191.69	192.35	192.17	0.22	ppb
Lithium	6-1				109		%
Magnesium	24-2	1131.70	1147.85	1156.02	1145.19	1.08	ppb
Manganese	55-2	94.41	94.36	95.02	94.60	0.39	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:07:07	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.07	497.68	499.93	498.22	0.30	ppb
Molybdenum	95-1	511.03	505.02	512.74	509.59	0.80	ppb
Molybdenum	96-1	505.97	499.74	513.98	506.56	1.41	ppb
Molybdenum	97-1	511.76	505.20	510.76	509.24	0.69	ppb
Molybdenum	98-1	504.25	500.55	509.25	504.68	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.61	97.19	97.45	97.08	0.44	ppb
Phosphorus	31-2	19.70	10.48	8.47	12.88	46.47	ppb
Potassium	39-2	1870.87	1896.06	1913.48	1893.47	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	183.58	188.54	192.61	188.24	2.40	ppb
Selenium	78-2	191.77	193.40	191.27	192.15	0.58	ppb
Selenium	82-1	195.61	188.07	193.12	192.27	2.00	ppb
Silicon	28-1	558.28	568.57	559.00	561.95	1.02	ppb
Silver	109-1	96.79	98.70	96.01	97.17	1.42	ppb
Silver	107-1	98.75	97.25	97.88	97.96	0.77	ppb
Sodium	23-2	1966.63	2029.83	2015.19	2003.88	1.65	ppb
Strontium	86-1	512.19	505.60	512.17	509.98	0.75	ppb
Strontium	88-1	513.28	513.82	519.04	515.38	0.62	ppb
Sulfur	34-1	12.96	297.01	233.60	181.19	82.29	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	192.77	191.59	191.71	192.02	0.34	ppb
Thallium	205-1	196.32	196.08	191.13	194.51	1.51	ppb
Tin	118-1	509.67	505.95	503.01	506.21	0.66	ppb
Titanium	47-1	508.82	502.13	498.30	503.08	1.06	ppb
Uranium	238-1	535.00	542.42	532.27	536.56	0.98	ppb
Vanadium	51-2	92.75	93.26	93.69	93.23	0.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	193.96	195.92	197.34	195.74	0.87	ppb
Zirconium	90-1	501.41	496.26	505.28	500.98	0.90	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:07:07	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.07	498.99	505.10	503.72	0.84	ppb

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:13:19 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	-0.03	0.47	0.27	99.49	ppb
Antimony	121-1	0.35	0.32	0.37	0.35	7.44	ppb
Arsenic	75-2	0.03	0.03	0.00	0.02	70.91	ppb
Barium	135-1	-0.04	-0.03	-0.04	-0.03		ppb
Barium	137-1	0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	9.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	2.88	3.25	2.96	3.03	6.36	ppb
Boron	11-1	2.93	3.16	2.88	2.99	4.95	ppb
Cadmium	111-1	-0.06	-0.10	-0.06	-0.07		ppb
Cadmium	106-1	-0.73	-1.33	-0.69	-0.92		ppb
Cadmium	108-1	-0.04	-0.01	-0.01	-0.02		ppb
Calcium	43-1	-6.41	-3.13	-1.26	-3.60		ppb
Calcium	44-1	16.69	19.21	12.81	16.23	19.87	ppb
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.02	-0.02	-0.01		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				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	0.59	0.52	0.45	0.52	13.61	ppb
Iron	57-2	0.68	0.40	-0.91	0.06	1529.83	ppb
Lead	206-1	0.07	0.09	0.06	0.07	21.53	ppb
Lead	207-1	0.05	0.07	0.07	0.06	14.82	ppb
Lead	208-1	0.06	0.07	0.06	0.06	14.71	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.88	0.66	0.78	0.77	13.83	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	154.46	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:13:19	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.08	0.06	18.76	ppb
Molybdenum	95-1	0.11	0.08	0.12	0.10	16.66	ppb
Molybdenum	96-1	0.12	0.09	0.07	0.09	25.36	ppb
Molybdenum	97-1	0.14	0.14	0.10	0.13	15.79	ppb
Molybdenum	98-1	0.10	0.11	0.13	0.11	15.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-2.54	6.73	16.55	6.91	138.05	ppb
Potassium	39-2	23.17	17.98	15.62	18.92	20.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.60	0.00	0.60	0.40	86.60	ppb
Selenium	78-2	-0.29	0.29	0.27	0.09	363.51	ppb
Selenium	82-1	-0.19	-0.32	-0.16	-0.22		ppb
Silicon	28-1	-1.10	-3.12	-2.48	-2.23		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.98	ppb
Sodium	23-2	56.86	59.62	61.44	59.31	3.89	ppb
Strontium	86-1	0.09	0.04	0.04	0.06	54.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	174.08	-192.57	-91.26	-36.59		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.04	0.03	22.26	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.85	ppb
Tin	118-1	0.14	0.12	0.13	0.13	9.18	ppb
Titanium	47-1	-0.03	0.06	-0.02	0.00	1684.82	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	54.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.04	0.00	-0.08	-0.01		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	1.14	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:13:19	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.04	0.03	47.58	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86478.82	85782.06	84899.52	85720.13	0.92	ppb
Antimony	121-1	1.24	1.21	1.28	1.24	2.86	ppb
Arsenic	75-2	0.30	0.32	0.32	0.32	4.20	ppb
Barium	135-1	1.38	1.28	1.45	1.37	6.05	ppb
Barium	137-1	1.28	1.41	1.48	1.39	7.51	ppb
Beryllium	9-1	0.32	0.34	0.33	0.33	3.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	3.15	3.23	3.64	3.34	7.89	ppb
Boron	11-1	3.04	3.52	3.41	3.33	7.66	ppb
Cadmium	111-1	0.25	0.25	0.27	0.26	4.99	ppb
Cadmium	106-1	-1.89	-1.75	-2.43	-2.02		ppb
Cadmium	108-1	11.97	12.29	11.23	11.83	4.58	ppb
Calcium	43-1	85585.63	87204.23	86643.85	86477.90	0.95	ppb
Calcium	44-1	87345.75	89208.21	88278.08	88277.35	1.05	ppb
Chromium	52-2	19.04	18.52	18.69	18.75	1.42	ppb
Cobalt	59-2	1.17	1.09	1.09	1.12	3.90	ppb
Copper	63-2	7.83	7.53	7.92	7.76	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	97311.43	95894.87	94979.45	96061.92	1.22	ppb
Iron	57-2	93862.85	93729.92	92886.22	93493.00	0.57	ppb
Lead	206-1	4.74	4.84	4.78	4.78	1.02	ppb
Lead	207-1	4.21	4.09	4.27	4.19	2.30	ppb
Lead	208-1	4.45	4.47	4.46	4.46	0.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	92853.40	91693.69	90575.34	91707.48	1.24	ppb
Manganese	55-2	7.62	7.60	7.41	7.54	1.56	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	558.68	556.36	547.18	554.07	1.10	ppb
Molybdenum	95-1	1888.51	1862.21	1846.63	1865.78	1.13	ppb
Molybdenum	96-1	1585.78	1574.40	1550.06	1570.08	1.16	ppb
Molybdenum	97-1	1844.26	1811.89	1800.04	1818.73	1.26	ppb
Molybdenum	98-1	1898.91	1857.72	1823.19	1859.94	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.05	5.09	5.15	5.09	1.05	ppb
Phosphorus	31-2	93410.00	93135.37	93295.40	93280.26	0.15	ppb
Potassium	39-2	93309.11	91714.35	92336.80	92453.42	0.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	0.60	0.60	0.60	0.60	0.38	ppb
Selenium	78-2	0.00	-0.42	0.26	-0.06		ppb
Selenium	82-1	-0.10	0.27	-0.49	-0.10		ppb
Silicon	28-1	27.75	30.91	31.09	29.92	6.29	ppb
Silver	109-1	0.08	0.11	0.10	0.10	17.75	ppb
Silver	107-1	0.07	0.08	0.10	0.09	18.63	ppb
Sodium	23-2	94513.33	93866.78	93281.17	93887.09	0.66	ppb
Strontium	86-1	32.27	31.98	32.26	32.17	0.52	ppb
Strontium	88-1	32.77	32.50	32.59	32.62	0.42	ppb
Sulfur	34-1	100358.12	102976.28	102061.30	101798.57	1.31	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.08	0.09	0.09	12.10	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.92	ppb
Tin	118-1	0.19	0.23	0.23	0.21	10.34	ppb
Titanium	47-1	1805.11	1846.63	1841.16	1830.97	1.23	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	17.01	ppb
Vanadium	51-2	0.17	0.16	0.16	0.16	3.72	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	11.67	10.38	11.07	11.04	5.84	ppb
Zirconium	90-1	0.21	0.19	0.19	0.20	7.09	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.21	0.19	0.23	23.21	ppb

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:20:27 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84504.11	85565.11	84732.79	84934.00	0.66	ppb
Antimony	121-1	20.08	20.39	20.04	20.17	0.95	ppb
Arsenic	75-2	18.47	19.33	18.75	18.85	2.34	ppb
Barium	135-1	21.11	20.98	20.36	20.82	1.92	ppb
Barium	137-1	21.28	22.04	21.17	21.50	2.19	ppb
Beryllium	9-1	19.98	19.31	19.45	19.58	1.80	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	66.41	66.62	67.62	66.88	0.96	ppb
Boron	11-1	65.05	65.58	65.38	65.34	0.41	ppb
Cadmium	111-1	19.80	19.95	19.62	19.79	0.85	ppb
Cadmium	106-1	25.46	26.12	22.18	24.59	8.59	ppb
Cadmium	108-1	34.95	33.06	34.40	34.14	2.86	ppb
Calcium	43-1	87948.45	86788.29	87903.15	87546.63	0.75	ppb
Calcium	44-1	88427.49	89377.78	89326.44	89043.90	0.60	ppb
Chromium	52-2	37.73	38.54	37.96	38.08	1.10	ppb
Cobalt	59-2	20.72	20.20	21.02	20.65	2.01	ppb
Copper	63-2	27.14	27.08	27.75	27.32	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				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	95241.94	95115.37	95393.12	95250.14	0.15	ppb
Iron	57-2	92348.69	93489.68	94613.37	93483.91	1.21	ppb
Lead	206-1	24.74	25.42	25.22	25.13	1.41	ppb
Lead	207-1	23.04	23.03	23.04	23.03	0.03	ppb
Lead	208-1	23.81	24.05	24.15	24.00	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	90803.67	91389.38	90553.36	90915.47	0.47	ppb
Manganese	55-2	26.75	27.31	26.92	26.99	1.07	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:20:27	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	609.44	610.05	598.50	606.00	1.07	ppb
Molybdenum	95-1	1907.45	1917.06	1860.13	1894.88	1.61	ppb
Molybdenum	96-1	1608.88	1624.71	1600.55	1611.38	0.76	ppb
Molybdenum	97-1	1872.94	1859.65	1824.80	1852.46	1.34	ppb
Molybdenum	98-1	1885.15	1901.61	1864.36	1883.71	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.82	24.27	24.51	24.20	1.45	ppb
Phosphorus	31-2	92796.24	93253.17	93948.16	93332.52	0.62	ppb
Potassium	39-2	92331.66	91998.21	91645.92	91991.93	0.37	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	20.23	21.33	17.77	19.77	9.22	ppb
Selenium	78-2	17.49	20.04	17.40	18.31	8.19	ppb
Selenium	82-1	19.51	18.49	17.56	18.52	5.25	ppb
Silicon	28-1	96.80	97.49	97.73	97.34	0.50	ppb
Silver	109-1	18.30	18.53	18.70	18.51	1.08	ppb
Silver	107-1	18.58	18.75	18.31	18.55	1.20	ppb
Sodium	23-2	93719.83	93154.54	92848.39	93240.92	0.47	ppb
Strontium	86-1	92.04	91.10	88.77	90.63	1.86	ppb
Strontium	88-1	92.24	90.67	90.99	91.30	0.91	ppb
Sulfur	34-1	102811.43	102878.82	83141.50	96277.25	11.82	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	19.61	19.91	20.30	19.94	1.74	ppb
Thallium	205-1	20.07	20.08	20.01	20.05	0.18	ppb
Tin	118-1	59.78	60.17	59.05	59.66	0.95	ppb
Titanium	47-1	1916.86	1879.07	1869.87	1888.60	1.32	ppb
Uranium	238-1	58.70	58.36	58.86	58.64	0.43	ppb
Vanadium	51-2	19.02	18.83	18.82	18.89	0.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	30.71	30.98	31.42	31.03	1.15	ppb
Zirconium	90-1	57.90	58.52	57.76	58.06	0.70	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:20:27	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	58.67	58.78	58.06	58.50	0.66	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45965.02	46252.71	45975.97	46064.57	0.35	ppb
Antimony	121-1	483.71	484.08	486.36	484.71	0.30	ppb
Arsenic	75-2	482.06	479.05	475.70	478.93	0.66	ppb
Barium	135-1	2415.40	2408.44	2442.44	2422.10	0.74	ppb
Barium	137-1	2426.81	2420.54	2468.28	2438.54	1.06	ppb
Beryllium	9-1	486.10	486.04	485.86	486.00	0.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	471.80	484.37	489.62	481.93	1.90	ppb
Boron	11-1	479.10	476.74	487.97	481.27	1.23	ppb
Cadmium	111-1	483.34	477.73	486.34	482.47	0.91	ppb
Cadmium	106-1	480.28	474.28	489.48	481.34	1.59	ppb
Cadmium	108-1	477.55	473.54	482.96	478.02	0.99	ppb
Calcium	43-1	224405.03	217073.17	222872.62	221450.28	1.75	ppb
Calcium	44-1	223517.72	218764.45	224810.50	222364.23	1.43	ppb
Chromium	52-2	476.63	479.46	476.37	477.48	0.36	ppb
Cobalt	59-2	465.25	467.25	462.33	464.94	0.53	ppb
Copper	63-2	900.81	905.31	894.82	900.31	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	114447.28	117116.47	115437.86	115667.21	1.17	ppb
Iron	57-2	116514.24	116162.67	114580.54	115752.48	0.89	ppb
Lead	206-1	493.50	493.12	488.27	491.63	0.59	ppb
Lead	207-1	489.17	487.59	485.18	487.31	0.41	ppb
Lead	208-1	490.49	487.99	486.89	488.46	0.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	230631.87	231299.22	230542.41	230824.50	0.18	ppb
Manganese	55-2	944.06	947.34	947.95	946.45	0.22	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	485.88	475.20	476.65	479.24	1.21	ppb
Molybdenum	95-1	494.76	481.44	484.20	486.80	1.44	ppb
Molybdenum	96-1	486.21	484.39	485.67	485.43	0.19	ppb
Molybdenum	97-1	494.25	480.12	485.21	486.53	1.47	ppb
Molybdenum	98-1	476.82	482.04	476.50	478.45	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.46	465.40	460.35	462.07	0.62	ppb
Phosphorus	31-2	9909.33	9940.48	9836.70	9895.51	0.54	ppb
Potassium	39-2	115606.61	117823.13	116544.33	116658.02	0.95	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	501.69	471.86	472.88	482.14	3.51	ppb
Selenium	78-2	474.13	477.10	481.40	477.54	0.76	ppb
Selenium	82-1	479.21	474.85	475.96	476.67	0.47	ppb
Silicon	28-1	572.23	575.70	589.42	579.11	1.57	ppb
Silver	109-1	471.95	465.49	470.97	469.47	0.74	ppb
Silver	107-1	472.47	467.82	479.74	473.34	1.27	ppb
Sodium	23-2	234894.23	231657.61	234127.28	233559.71	0.72	ppb
Strontium	86-1	498.22	494.49	496.18	496.29	0.38	ppb
Strontium	88-1	498.91	495.06	494.73	496.23	0.47	ppb
Sulfur	34-1	9196.68	9443.66	9855.24	9498.53	3.50	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	474.81	476.30	475.18	475.43	0.16	ppb
Thallium	205-1	483.78	478.42	483.29	481.83	0.62	ppb
Tin	118-1	486.72	477.49	486.24	483.48	1.08	ppb
Titanium	47-1	485.20	481.74	489.91	485.62	0.84	ppb
Uranium	238-1	491.86	484.19	488.11	488.05	0.79	ppb
Vanadium	51-2	476.44	480.56	477.22	478.07	0.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	918.61	926.34	922.98	922.64	0.42	ppb
Zirconium	90-1	486.81	486.01	479.22	484.01	0.86	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.66	486.13	484.73	487.17	0.64	ppb

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : CCB050 Instrumnet Name : P7
 Client Sample ID : CCB050 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:28:41 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	0.98	2.22	1.56	39.91	ppb
Antimony	121-1	0.85	0.86	0.81	0.84	3.55	ppb
Arsenic	75-2	0.07	0.05	0.09	0.07	25.58	ppb
Barium	135-1	0.01	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.03	0.05	0.02	0.03	49.07	ppb
Beryllium	9-1	0.14	0.10	0.09	0.11	22.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	5.42	4.80	6.62	5.61	16.52	ppb
Boron	11-1	6.22	5.46	5.49	5.72	7.54	ppb
Cadmium	111-1	-0.05	-0.04	-0.21	-0.10		ppb
Cadmium	106-1	-0.73	-0.56	-2.70	-1.33		ppb
Cadmium	108-1	0.06	0.13	-0.01	0.06	116.83	ppb
Calcium	43-1	4.40	1.93	-2.67	1.22	293.81	ppb
Calcium	44-1	40.50	39.43	39.06	39.67	1.89	ppb
Chromium	52-2	-0.03	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.16	0.12	0.13	0.14	13.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	2.98	3.20	3.05	3.08	3.71	ppb
Iron	57-2	2.50	1.21	3.37	2.36	45.97	ppb
Lead	206-1	0.13	0.10	0.09	0.11	19.73	ppb
Lead	207-1	0.15	0.11	0.11	0.12	18.87	ppb
Lead	208-1	0.13	0.10	0.10	0.11	14.19	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.64	2.10	2.34	2.36	11.32	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	193.88	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:28:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.18	0.19	0.17	16.02	ppb
Molybdenum	95-1	0.33	0.32	0.29	0.31	5.79	ppb
Molybdenum	96-1	0.26	0.26	0.21	0.24	10.41	ppb
Molybdenum	97-1	0.36	0.34	0.37	0.35	4.52	ppb
Molybdenum	98-1	0.31	0.31	0.29	0.30	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	8.65	10.74	-1.18	6.07	104.89	ppb
Potassium	39-2	45.93	44.27	53.29	47.83	10.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	0.60	1.18	1.18	0.99	34.15	ppb
Selenium	78-2	-0.41	-0.75	0.11	-0.35		ppb
Selenium	82-1	0.17	0.89	-0.47	0.20	344.90	ppb
Silicon	28-1	0.95	0.90	0.59	0.81	24.24	ppb
Silver	109-1	0.03	0.03	0.04	0.03	6.14	ppb
Silver	107-1	0.03	0.04	0.03	0.03	20.51	ppb
Sodium	23-2	117.54	117.35	111.73	115.54	2.86	ppb
Strontium	86-1	0.01	0.01	0.04	0.02	90.20	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-839.78	-854.97	-934.84	-876.53		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.07	0.08	0.09	25.07	ppb
Thallium	205-1	0.09	0.11	0.08	0.10	14.24	ppb
Tin	118-1	0.19	0.20	0.18	0.19	3.66	ppb
Titanium	47-1	0.01	0.08	0.01	0.04	109.41	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.88	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	-0.11	0.06	0.02	708.28	ppb
Zirconium	90-1	0.11	0.11	0.09	0.10	11.56	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:28:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.13	0.11	24.69	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.93	16.76	18.75	18.81	11.10	ppb
Antimony	121-1	2.16	2.05	2.10	2.10	2.45	ppb
Arsenic	75-2	1.00	0.80	1.01	0.94	12.95	ppb
Barium	135-1	8.79	9.09	8.87	8.92	1.73	ppb
Barium	137-1	8.85	8.90	8.69	8.81	1.24	ppb
Beryllium	9-1	0.90	0.97	0.80	0.89	9.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	21.72	23.13	26.24	23.70	9.75	ppb
Boron	11-1	23.02	23.52	24.50	23.68	3.17	ppb
Cadmium	111-1	0.79	0.93	0.94	0.89	9.10	ppb
Cadmium	106-1	-0.21	1.15	0.95	0.63	116.10	ppb
Cadmium	108-1	0.70	0.80	1.25	0.92	31.91	ppb
Calcium	43-1	385.33	385.62	407.06	392.67	3.17	ppb
Calcium	44-1	433.85	440.91	439.29	438.02	0.84	ppb
Chromium	52-2	1.94	2.01	1.97	1.97	1.87	ppb
Cobalt	59-2	0.93	0.95	0.89	0.92	2.98	ppb
Copper	63-2	1.84	2.05	1.94	1.94	5.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	50.59	50.09	50.37	50.35	0.50	ppb
Iron	57-2	53.44	52.82	45.05	50.44	9.27	ppb
Lead	206-1	0.99	0.98	0.97	0.98	1.23	ppb
Lead	207-1	1.01	0.93	0.98	0.97	3.84	ppb
Lead	208-1	0.99	0.98	1.01	0.99	1.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	438.24	433.45	445.03	438.91	1.33	ppb
Manganese	55-2	0.85	0.94	0.98	0.92	7.28	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	2.13	2.11	2.06	4.61	ppb
Molybdenum	95-1	4.47	4.34	4.61	4.47	3.11	ppb
Molybdenum	96-1	3.80	3.77	3.78	3.79	0.39	ppb
Molybdenum	97-1	4.87	4.38	4.51	4.59	5.54	ppb
Molybdenum	98-1	4.41	4.38	4.57	4.46	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.04	0.94	1.00	5.00	ppb
Phosphorus	31-2	28.32	16.36	-1.29	14.46	103.00	ppb
Potassium	39-2	481.69	452.36	473.18	469.08	3.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	5.34	1.77	5.94	4.35	51.78	ppb
Selenium	78-2	4.06	4.11	3.27	3.81	12.29	ppb
Selenium	82-1	5.13	4.80	5.30	5.08	4.92	ppb
Silicon	28-1	12.13	12.96	13.35	12.81	4.87	ppb
Silver	109-1	0.94	0.89	0.92	0.92	2.65	ppb
Silver	107-1	0.96	0.92	1.04	0.97	6.57	ppb
Sodium	23-2	555.34	545.63	535.80	545.59	1.79	ppb
Strontium	86-1	0.90	0.76	0.82	0.83	8.97	ppb
Strontium	88-1	0.89	0.88	0.87	0.88	1.11	ppb
Sulfur	34-1	-1436.46	-1099.26	-1319.31	-1285.01		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.91	1.00	0.95	0.95	4.89	ppb
Thallium	205-1	0.89	0.91	0.95	0.92	3.19	ppb
Tin	118-1	4.36	4.37	4.37	4.37	0.15	ppb
Titanium	47-1	4.37	4.41	4.39	4.39	0.46	ppb
Uranium	238-1	0.84	0.84	0.85	0.84	0.82	ppb
Vanadium	51-2	4.28	4.23	4.23	4.25	0.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.44	2.33	2.25	2.34	4.18	ppb
Zirconium	90-1	1.07	1.02	0.98	1.02	4.64	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.03	0.98	0.99	1.00	2.49	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.88	4.75	3.18	4.27	22.21	ppb
Antimony	121-1	0.83	0.83	0.89	0.85	4.29	ppb
Arsenic	75-2	12.20	11.91	11.68	11.93	2.17	ppb
Barium	135-1	65.82	66.86	66.03	66.24	0.83	ppb
Barium	137-1	66.43	67.73	67.65	67.27	1.09	ppb
Beryllium	9-1	0.06	0.04	0.07	0.06	25.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	332.73	335.73	329.98	332.81	0.87	ppb
Boron	11-1	335.80	339.17	337.53	337.50	0.50	ppb
Cadmium	111-1	-0.02	-0.01	-0.10	-0.04		ppb
Cadmium	106-1	-0.66	-0.73	-1.63	-1.01		ppb
Cadmium	108-1	0.05	0.15	0.14	0.11	50.52	ppb
Calcium	43-1	96856.67	96567.29	97170.87	96864.94	0.31	ppb
Calcium	44-1	98348.68	99937.03	101041.78	99775.83	1.36	ppb
Chromium	52-2	0.83	0.89	0.93	0.88	5.91	ppb
Cobalt	59-2	0.18	0.19	0.19	0.19	4.95	ppb
Copper	63-2	2.06	2.12	2.18	2.12	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	14.71	14.80	15.22	14.91	1.84	ppb
Iron	57-2	102.36	90.55	103.56	98.83	7.27	ppb
Lead	206-1	0.43	0.38	0.37	0.39	7.55	ppb
Lead	207-1	0.38	0.33	0.31	0.34	10.21	ppb
Lead	208-1	0.40	0.38	0.36	0.38	4.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	57987.96	59999.69	59059.69	59015.78	1.71	ppb
Manganese	55-2	22.24	22.24	22.24	22.24	0.01	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.32	3.11	3.20	3.21	3.29	ppb
Molybdenum	95-1	9.90	10.23	9.93	10.02	1.84	ppb
Molybdenum	96-1	8.42	8.68	8.35	8.49	2.07	ppb
Molybdenum	97-1	10.28	10.23	9.55	10.02	4.06	ppb
Molybdenum	98-1	9.79	10.00	9.77	9.85	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.36	1.37	1.36	0.80	ppb
Phosphorus	31-2	192.37	203.82	214.82	203.67	5.51	ppb
Potassium	39-2	16961.43	17170.49	17222.07	17118.00	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	1.71	1.72	2.28	1.91	17.10	ppb
Selenium	78-2	2.59	3.12	2.32	2.68	15.32	ppb
Selenium	82-1	1.66	2.64	1.81	2.04	26.00	ppb
Silicon	28-1	10225.64	10394.42	10296.30	10305.45	0.82	ppb
Silver	109-1	1.93	2.11	2.07	2.04	4.57	ppb
Silver	107-1	1.95	2.13	2.10	2.06	4.50	ppb
Sodium	23-2	204985.11	207829.49	207499.56	206771.39	0.75	ppb
Strontium	86-1	1118.09	1108.45	1101.01	1109.18	0.77	ppb
Strontium	88-1	1149.32	1137.67	1138.19	1141.73	0.58	ppb
Sulfur	34-1	86715.60	89675.85	90005.44	88798.96	2.04	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.13	0.11	0.14	21.68	ppb
Thallium	205-1	0.18	0.13	0.12	0.14	21.83	ppb
Tin	118-1	0.11	0.12	0.13	0.12	6.71	ppb
Titanium	47-1	0.72	0.73	0.85	0.77	9.63	ppb
Uranium	238-1	9.03	9.08	9.17	9.09	0.80	ppb
Vanadium	51-2	5.06	5.39	5.35	5.27	3.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	13.78	14.02	14.58	14.12	2.90	ppb
Zirconium	90-1	0.32	0.31	0.27	0.30	7.36	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.32	0.27	0.32	17.10	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.04	22.45	27.01	24.50	9.43	ppb
Antimony	121-1	0.44	0.43	0.47	0.45	4.59	ppb
Arsenic	75-2	0.44	0.46	0.56	0.49	14.20	ppb
Barium	135-1	26.92	26.90	26.88	26.90	0.07	ppb
Barium	137-1	28.36	27.57	27.31	27.75	1.97	ppb
Beryllium	9-1	0.03	0.03	0.08	0.05	57.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	11.58	11.79	11.52	11.63	1.23	ppb
Boron	11-1	11.66	11.66	10.46	11.26	6.16	ppb
Cadmium	111-1	0.21	0.10	0.13	0.15	38.93	ppb
Cadmium	106-1	-0.55	-1.37	-0.86	-0.93		ppb
Cadmium	108-1	0.23	0.29	0.20	0.24	18.96	ppb
Calcium	43-1	176699.67	179871.70	179127.53	178566.30	0.93	ppb
Calcium	44-1	183410.20	185442.99	184766.74	184539.98	0.56	ppb
Chromium	52-2	0.08	0.13	0.12	0.11	25.30	ppb
Cobalt	59-2	0.40	0.40	0.40	0.40	0.71	ppb
Copper	63-2	1.58	1.62	1.56	1.59	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	120.52	120.29	121.38	120.73	0.48	ppb
Iron	57-2	274.84	278.44	280.71	278.00	1.07	ppb
Lead	206-1	1.33	1.33	1.35	1.34	0.96	ppb
Lead	207-1	1.44	1.40	1.36	1.40	2.95	ppb
Lead	208-1	1.37	1.36	1.35	1.36	0.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	36902.77	37042.68	36039.44	36661.63	1.48	ppb
Manganese	55-2	90.82	91.96	91.48	91.42	0.63	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.12	0.16	0.14	14.61	ppb
Molybdenum	95-1	0.28	0.23	0.25	0.25	8.81	ppb
Molybdenum	96-1	0.21	0.19	0.24	0.21	13.52	ppb
Molybdenum	97-1	0.26	0.21	0.23	0.23	10.36	ppb
Molybdenum	98-1	0.26	0.26	0.21	0.24	10.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.77	0.74	0.76	2.55	ppb
Phosphorus	31-2	-1.93	5.86	-11.33	-2.47		ppb
Potassium	39-2	6164.62	6204.19	6093.90	6154.24	0.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	1.15	1.16	1.15	1.15	0.74	ppb
Selenium	78-2	-0.95	-1.19	0.00	-0.71		ppb
Selenium	82-1	-0.27	-0.64	-0.23	-0.38		ppb
Silicon	28-1	5777.57	5812.42	5839.06	5809.68	0.53	ppb
Silver	109-1	2.09	2.10	2.11	2.10	0.31	ppb
Silver	107-1	2.17	2.14	2.11	2.14	1.45	ppb
Sodium	23-2	3740.64	3720.13	3696.52	3719.10	0.59	ppb
Strontium	86-1	368.57	366.94	367.87	367.79	0.22	ppb
Strontium	88-1	374.90	377.36	377.93	376.73	0.43	ppb
Sulfur	34-1	147530.67	146753.09	144792.84	146358.87	0.96	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	22.82	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	22.01	ppb
Tin	118-1	0.08	0.07	0.06	0.07	15.09	ppb
Titanium	47-1	1.01	0.93	0.94	0.96	4.47	ppb
Uranium	238-1	0.59	0.55	0.59	0.58	3.84	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	7.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	46.32	46.30	46.64	46.42	0.40	ppb
Zirconium	90-1	0.10	0.11	0.14	0.12	17.35	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.12	0.12	0.13	13.89	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.32	9.70	10.48	10.17	4.08	ppb
Antimony	121-1	0.22	0.24	0.22	0.23	5.88	ppb
Arsenic	75-2	0.50	0.59	0.67	0.59	14.09	ppb
Barium	135-1	19.93	19.72	20.08	19.91	0.91	ppb
Barium	137-1	19.72	19.71	19.87	19.77	0.45	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	30.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	430.66	445.05	448.38	441.37	2.13	ppb
Boron	11-1	439.36	438.55	448.97	442.29	1.31	ppb
Cadmium	111-1	-0.04	-0.03	-0.10	-0.06		ppb
Cadmium	106-1	-0.62	-0.70	-1.36	-0.90		ppb
Cadmium	108-1	0.08	-0.01	-0.01	0.02	312.61	ppb
Calcium	43-1	177380.30	179015.63	177900.76	178098.90	0.47	ppb
Calcium	44-1	183399.06	183819.69	184480.36	183899.70	0.30	ppb
Chromium	52-2	1.07	1.19	1.17	1.14	5.88	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	6.93	ppb
Copper	63-2	1.15	1.12	1.18	1.15	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	22.03	22.55	22.37	22.32	1.18	ppb
Iron	57-2	178.40	184.92	182.44	181.92	1.81	ppb
Lead	206-1	0.17	0.19	0.22	0.20	11.73	ppb
Lead	207-1	0.17	0.14	0.16	0.16	8.22	ppb
Lead	208-1	0.18	0.17	0.18	0.18	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	74412.19	74508.25	73551.09	74157.18	0.71	ppb
Manganese	55-2	4.04	3.87	3.92	3.94	2.18	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.47	0.44	0.43	9.81	ppb
Molybdenum	95-1	1.01	0.95	1.04	1.00	4.40	ppb
Molybdenum	96-1	0.72	0.86	0.86	0.81	9.54	ppb
Molybdenum	97-1	0.98	0.97	0.99	0.98	0.91	ppb
Molybdenum	98-1	0.95	0.95	0.94	0.94	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.21	2.00	2.13	5.30	ppb
Phosphorus	31-2	14.87	9.03	12.60	12.17	24.21	ppb
Potassium	39-2	6803.59	6801.11	6803.14	6802.61	0.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	7.77	6.56	3.56	5.97	36.34	ppb
Selenium	78-2	5.79	6.74	4.94	5.82	15.53	ppb
Selenium	82-1	5.84	5.87	5.50	5.74	3.59	ppb
Silicon	28-1	8553.30	8572.57	8588.64	8571.50	0.21	ppb
Silver	109-1	2.07	2.01	1.96	2.01	2.77	ppb
Silver	107-1	2.02	1.97	1.98	1.99	1.21	ppb
Sodium	23-2	179995.64	178550.69	177899.49	178815.28	0.60	ppb
Strontium	86-1	792.36	795.94	794.32	794.21	0.23	ppb
Strontium	88-1	818.58	814.08	814.48	815.71	0.31	ppb
Sulfur	34-1	136611.31	135642.86	137897.32	136717.16	0.83	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.02	0.01	47.43	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.88	ppb
Tin	118-1	0.09	0.07	0.08	0.08	13.78	ppb
Titanium	47-1	1.02	0.90	0.82	0.92	11.07	ppb
Uranium	238-1	56.04	57.09	56.72	56.62	0.94	ppb
Vanadium	51-2	0.89	0.97	0.86	0.91	5.95	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	14.03	13.12	14.18	13.77	4.16	ppb
Zirconium	90-1	0.20	0.19	0.19	0.19	4.38	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.24	0.23	0.23	7.34	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.82	1.84	3.13	2.60	25.82	ppb
Antimony	121-1	0.35	0.36	0.35	0.35	0.77	ppb
Arsenic	75-2	5.92	6.19	5.79	5.97	3.41	ppb
Barium	135-1	33.33	33.16	34.06	33.52	1.44	ppb
Barium	137-1	33.49	33.32	34.28	33.70	1.51	ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	129.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	173.57	176.32	175.21	175.03	0.79	ppb
Boron	11-1	174.27	175.03	175.79	175.03	0.43	ppb
Cadmium	111-1	-0.01	-0.10	-0.01	-0.04		ppb
Cadmium	106-1	-0.12	-1.58	-0.36	-0.69		ppb
Cadmium	108-1	0.02	0.02	0.06	0.03	62.14	ppb
Calcium	43-1	49990.65	49049.62	49549.75	49530.01	0.95	ppb
Calcium	44-1	50519.15	49731.37	49931.13	50060.55	0.82	ppb
Chromium	52-2	0.40	0.47	0.49	0.45	10.64	ppb
Cobalt	59-2	0.08	0.09	0.12	0.10	20.42	ppb
Copper	63-2	1.52	1.54	1.48	1.51	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	7.40	7.55	7.58	7.51	1.29	ppb
Iron	57-2	52.36	51.82	53.19	52.46	1.32	ppb
Lead	206-1	0.19	0.19	0.18	0.19	0.93	ppb
Lead	207-1	0.19	0.15	0.17	0.17	13.21	ppb
Lead	208-1	0.19	0.18	0.19	0.19	1.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	30324.70	29676.44	29616.26	29872.47	1.31	ppb
Manganese	55-2	11.21	11.39	11.46	11.36	1.14	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.63	1.67	1.52	1.60	4.97	ppb
Molybdenum	95-1	5.09	5.14	5.24	5.16	1.51	ppb
Molybdenum	96-1	4.22	4.31	4.33	4.29	1.30	ppb
Molybdenum	97-1	5.30	4.68	4.85	4.94	6.41	ppb
Molybdenum	98-1	5.02	5.01	5.10	5.04	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.73	0.65	0.68	6.44	ppb
Phosphorus	31-2	100.52	116.98	93.96	103.82	11.43	ppb
Potassium	39-2	8556.13	8481.40	8482.65	8506.73	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.62	1.24	2.47	1.44	65.15	ppb
Selenium	78-2	0.76	1.05	-1.20	0.20	604.74	ppb
Selenium	82-1	0.19	0.59	0.90	0.56	63.42	ppb
Silicon	28-1	5132.54	5078.02	5088.04	5099.53	0.57	ppb
Silver	109-1	1.04	1.11	1.18	1.11	6.23	ppb
Silver	107-1	1.09	1.08	1.09	1.08	0.52	ppb
Sodium	23-2	106042.39	103878.75	103106.54	104342.56	1.46	ppb
Strontium	86-1	561.98	559.33	558.11	559.81	0.35	ppb
Strontium	88-1	579.77	579.53	566.87	575.39	1.28	ppb
Sulfur	34-1	54387.72	53068.29	53080.49	53512.17	1.42	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.02	21.93	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.18	ppb
Tin	118-1	0.07	0.07	0.06	0.07	6.27	ppb
Titanium	47-1	0.45	0.52	0.49	0.49	6.97	ppb
Uranium	238-1	4.68	4.66	4.56	4.63	1.43	ppb
Vanadium	51-2	2.74	2.68	2.59	2.67	2.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	8.20	7.58	8.05	7.94	4.09	ppb
Zirconium	90-1	0.08	0.08	0.06	0.07	13.33	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.10	0.08	23.17	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.28	13.34	12.36	11.66	18.19	ppb
Antimony	121-1	0.22	0.24	0.25	0.24	6.74	ppb
Arsenic	75-2	0.32	0.29	0.25	0.29	11.37	ppb
Barium	135-1	13.49	13.62	13.52	13.54	0.51	ppb
Barium	137-1	13.67	13.66	14.07	13.80	1.67	ppb
Beryllium	9-1	0.04	0.07	0.05	0.05	27.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	11.06	10.82	10.66	10.84	1.82	ppb
Boron	11-1	10.67	10.12	10.76	10.52	3.28	ppb
Cadmium	111-1	0.06	0.04	0.02	0.04	56.37	ppb
Cadmium	106-1	-0.27	-1.01	-0.94	-0.74		ppb
Cadmium	108-1	0.15	0.09	0.21	0.15	43.10	ppb
Calcium	43-1	91575.52	90684.44	89944.83	90734.93	0.90	ppb
Calcium	44-1	92960.38	92225.75	92057.71	92414.61	0.52	ppb
Chromium	52-2	0.06	0.10	0.12	0.09	34.07	ppb
Cobalt	59-2	0.19	0.20	0.18	0.19	5.04	ppb
Copper	63-2	1.12	1.11	1.16	1.13	2.15	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	62.54	61.19	62.54	62.09	1.25	ppb
Iron	57-2	137.83	139.15	145.24	140.74	2.81	ppb
Lead	206-1	0.71	0.67	0.73	0.70	4.07	ppb
Lead	207-1	0.75	0.74	0.74	0.75	0.68	ppb
Lead	208-1	0.72	0.70	0.72	0.71	1.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	18537.19	18221.20	18722.38	18493.59	1.37	ppb
Manganese	55-2	46.76	45.83	46.57	46.39	1.06	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.07	0.07	2.89	ppb
Molybdenum	95-1	0.15	0.12	0.14	0.14	12.25	ppb
Molybdenum	96-1	0.13	0.12	0.12	0.12	4.33	ppb
Molybdenum	97-1	0.11	0.18	0.17	0.16	23.78	ppb
Molybdenum	98-1	0.13	0.12	0.12	0.13	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.46	0.55	0.51	9.36	ppb
Phosphorus	31-2	-12.19	1.75	-6.04	-5.49		ppb
Potassium	39-2	3055.26	3041.30	3108.23	3068.26	1.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.62	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	-0.80	-0.17	-0.29	-0.42		ppb
Selenium	82-1	-0.40	-0.62	-0.49	-0.50		ppb
Silicon	28-1	2943.23	2883.81	2876.59	2901.21	1.26	ppb
Silver	109-1	1.08	1.12	1.09	1.10	2.13	ppb
Silver	107-1	1.06	1.08	1.07	1.07	0.80	ppb
Sodium	23-2	1919.76	1910.99	1916.46	1915.74	0.23	ppb
Strontium	86-1	184.87	185.94	186.16	185.66	0.37	ppb
Strontium	88-1	186.38	184.47	187.09	185.98	0.73	ppb
Sulfur	34-1	90512.04	88718.31	88779.10	89336.48	1.14	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.01	0.01	93.10	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	70.18	ppb
Tin	118-1	0.02	0.01	0.04	0.02	81.70	ppb
Titanium	47-1	0.52	0.52	0.54	0.53	2.65	ppb
Uranium	238-1	0.30	0.30	0.30	0.30	0.83	ppb
Vanadium	51-2	0.07	0.06	0.10	0.08	26.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	24.03	24.17	25.13	24.44	2.44	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.73	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.02	0.04	48.25	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.54	6.51	5.75	6.27	7.14	ppb
Antimony	121-1	0.10	0.10	0.11	0.11	3.24	ppb
Arsenic	75-2	0.25	0.30	0.28	0.28	8.26	ppb
Barium	135-1	9.91	10.17	9.54	9.88	3.23	ppb
Barium	137-1	10.49	10.06	10.17	10.24	2.21	ppb
Beryllium	9-1	0.02	0.07	0.01	0.04	90.92	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	217.81	217.76	218.67	218.08	0.24	ppb
Boron	11-1	217.87	226.07	222.97	222.30	1.86	ppb
Cadmium	111-1	-0.03	0.00	-0.04	-0.03		ppb
Cadmium	106-1	-0.34	-0.05	-0.60	-0.33		ppb
Cadmium	108-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	89601.21	89734.96	89703.49	89679.89	0.08	ppb
Calcium	44-1	91848.98	91683.45	91485.06	91672.50	0.20	ppb
Chromium	52-2	0.56	0.57	0.54	0.56	2.42	ppb
Cobalt	59-2	0.03	0.04	0.05	0.04	21.79	ppb
Copper	63-2	0.86	0.86	0.84	0.85	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	11.75	11.21	11.71	11.56	2.63	ppb
Iron	57-2	89.77	87.24	90.31	89.11	1.84	ppb
Lead	206-1	0.14	0.10	0.11	0.12	17.67	ppb
Lead	207-1	0.10	0.09	0.11	0.10	13.50	ppb
Lead	208-1	0.11	0.09	0.10	0.10	11.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	37392.49	37045.09	37167.34	37201.64	0.47	ppb
Manganese	55-2	1.91	2.04	1.94	1.96	3.29	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.20	0.22	0.21	5.42	ppb
Molybdenum	95-1	0.49	0.49	0.51	0.50	3.08	ppb
Molybdenum	96-1	0.44	0.41	0.44	0.43	4.14	ppb
Molybdenum	97-1	0.61	0.51	0.54	0.55	9.38	ppb
Molybdenum	98-1	0.47	0.46	0.54	0.49	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.03	0.99	1.04	5.94	ppb
Phosphorus	31-2	2.22	12.28	17.80	10.76	73.41	ppb
Potassium	39-2	3476.76	3433.88	3439.04	3449.89	0.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	5.59	2.48	1.84	3.30	60.64	ppb
Selenium	78-2	1.68	3.30	2.53	2.50	32.41	ppb
Selenium	82-1	2.78	2.91	2.46	2.72	8.47	ppb
Silicon	28-1	4350.37	4297.41	4274.16	4307.31	0.91	ppb
Silver	109-1	1.04	1.08	1.03	1.05	2.18	ppb
Silver	107-1	1.03	1.08	1.08	1.06	2.56	ppb
Sodium	23-2	90424.81	89282.49	88979.58	89562.29	0.85	ppb
Strontium	86-1	403.38	399.31	404.09	402.26	0.64	ppb
Strontium	88-1	408.81	407.74	413.86	410.14	0.80	ppb
Sulfur	34-1	84761.50	84779.05	84767.00	84769.18	0.01	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	83.96	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	52.86	ppb
Tin	118-1	0.03	0.06	0.06	0.05	38.08	ppb
Titanium	47-1	0.41	0.46	0.48	0.45	7.15	ppb
Uranium	238-1	28.05	27.83	27.73	27.87	0.58	ppb
Vanadium	51-2	0.51	0.47	0.40	0.46	11.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	7.51	7.24	7.14	7.30	2.59	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	5.68	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.13	0.10	0.10	26.31	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45649.48	46525.71	45783.48	45986.22	1.03	ppb
Antimony	121-1	472.77	476.67	476.46	475.30	0.46	ppb
Arsenic	75-2	474.47	480.79	478.57	477.94	0.67	ppb
Barium	135-1	2372.40	2374.00	2389.16	2378.52	0.39	ppb
Barium	137-1	2432.61	2402.23	2438.11	2424.32	0.80	ppb
Beryllium	9-1	491.53	485.33	483.00	486.62	0.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	489.27	483.20	497.97	490.15	1.51	ppb
Boron	11-1	490.82	484.29	486.37	487.16	0.68	ppb
Cadmium	111-1	476.24	473.10	471.38	473.57	0.52	ppb
Cadmium	106-1	472.81	473.38	467.98	471.39	0.63	ppb
Cadmium	108-1	464.74	464.75	473.28	467.59	1.05	ppb
Calcium	43-1	234701.01	232362.87	233679.09	233580.99	0.50	ppb
Calcium	44-1	233171.48	232555.70	234374.96	233367.38	0.40	ppb
Chromium	52-2	480.25	489.73	485.26	485.08	0.98	ppb
Cobalt	59-2	472.97	474.54	474.19	473.90	0.17	ppb
Copper	63-2	924.93	920.40	916.63	920.65	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	117517.31	117382.57	117378.80	117426.22	0.07	ppb
Iron	57-2	117861.77	118483.56	116310.63	117551.99	0.95	ppb
Lead	206-1	486.56	490.32	491.93	489.60	0.56	ppb
Lead	207-1	481.63	489.76	487.97	486.45	0.88	ppb
Lead	208-1	485.07	489.02	488.24	487.44	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	232224.96	235983.25	233482.27	233896.83	0.82	ppb
Manganese	55-2	954.75	958.66	949.76	954.39	0.47	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	475.70	479.57	474.08	476.45	0.59	ppb
Molybdenum	95-1	486.17	489.66	479.86	485.23	1.02	ppb
Molybdenum	96-1	481.26	483.61	480.90	481.92	0.31	ppb
Molybdenum	97-1	483.85	482.96	481.40	482.73	0.26	ppb
Molybdenum	98-1	479.09	475.79	472.30	475.73	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.27	467.66	468.91	470.28	0.75	ppb
Phosphorus	31-2	9741.17	9903.06	9666.15	9770.12	1.24	ppb
Potassium	39-2	116782.94	117937.48	117012.79	117244.40	0.52	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	502.27	470.07	487.37	486.57	3.31	ppb
Selenium	78-2	469.64	458.35	478.36	468.78	2.14	ppb
Selenium	82-1	475.85	472.60	474.86	474.44	0.35	ppb
Silicon	28-1	561.01	565.17	569.07	565.08	0.71	ppb
Silver	109-1	457.28	462.65	459.40	459.78	0.59	ppb
Silver	107-1	460.41	461.57	463.13	461.71	0.30	ppb
Sodium	23-2	237923.18	239790.34	238194.17	238635.90	0.42	ppb
Strontium	86-1	496.10	487.34	496.05	493.16	1.02	ppb
Strontium	88-1	499.00	496.69	493.58	496.42	0.55	ppb
Sulfur	34-1	9739.17	9762.34	9764.92	9755.48	0.15	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	467.29	475.63	481.05	474.66	1.46	ppb
Thallium	205-1	480.59	486.15	485.54	484.09	0.63	ppb
Tin	118-1	466.36	472.33	468.43	469.04	0.65	ppb
Titanium	47-1	482.91	476.88	483.39	481.06	0.75	ppb
Uranium	238-1	487.15	497.25	489.07	491.16	1.09	ppb
Vanadium	51-2	481.54	483.20	484.14	482.96	0.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	925.69	934.28	931.38	930.45	0.47	ppb
Zirconium	90-1	485.97	474.92	482.15	481.01	1.17	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.66	480.25	482.15	482.69	0.57	ppb

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : CCB051 Instrumnet Name : P7
 Client Sample ID : CCB051 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:59:48 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	-0.25	1.34	0.55	144.48	ppb
Antimony	121-1	1.57	1.48	1.38	1.48	6.55	ppb
Arsenic	75-2	0.10	0.07	0.12	0.10	25.57	ppb
Barium	135-1	0.07	0.03	0.04	0.05	44.56	ppb
Barium	137-1	0.03	0.02	0.04	0.03	34.92	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	7.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	10.88	10.34	8.46	9.89	12.87	ppb
Boron	11-1	10.32	10.09	9.96	10.12	1.83	ppb
Cadmium	111-1	0.02	-0.01	0.02	0.01	216.50	ppb
Cadmium	106-1	0.09	-0.19	0.09	0.00		ppb
Cadmium	108-1	0.02	0.13	-0.01	0.05	149.38	ppb
Calcium	43-1	2.60	1.37	-0.02	1.32	99.78	ppb
Calcium	44-1	22.49	23.87	23.60	23.32	3.12	ppb
Chromium	52-2	0.02	-0.05	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	144.41	ppb
Copper	63-2	0.30	0.24	0.28	0.27	11.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	3.26	3.12	3.13	3.17	2.43	ppb
Iron	57-2	0.42	3.05	1.54	1.67	78.85	ppb
Lead	206-1	0.12	0.10	0.13	0.12	9.91	ppb
Lead	207-1	0.14	0.09	0.13	0.12	20.38	ppb
Lead	208-1	0.11	0.10	0.13	0.12	11.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.72	3.97	4.38	4.02	8.25	ppb
Manganese	55-2	0.01	0.00	0.02	0.01	137.92	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:59:48	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.24	0.18	0.20	20.25	ppb
Molybdenum	95-1	0.40	0.32	0.32	0.35	13.41	ppb
Molybdenum	96-1	0.32	0.24	0.27	0.28	15.18	ppb
Molybdenum	97-1	0.41	0.36	0.28	0.35	19.02	ppb
Molybdenum	98-1	0.32	0.32	0.31	0.31	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.04	0.02	171.15	ppb
Phosphorus	31-2	2.52	12.21	-4.04	3.56	229.61	ppb
Potassium	39-2	38.02	29.13	37.97	35.04	14.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.63	0.61	0.00	0.41	86.63	ppb
Selenium	78-2	0.10	-0.72	1.19	0.19	505.87	ppb
Selenium	82-1	0.30	0.25	-0.64	-0.03		ppb
Silicon	28-1	-1.32	-1.25	-2.61	-1.73		ppb
Silver	109-1	0.08	0.07	0.06	0.07	12.70	ppb
Silver	107-1	0.07	0.08	0.07	0.07	10.05	ppb
Sodium	23-2	122.01	113.96	111.97	115.98	4.58	ppb
Strontium	86-1	-0.01	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	25.63	ppb
Sulfur	34-1	-1096.41	-1002.92	-1070.87	-1056.73		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.15	0.13	0.10	0.13	18.14	ppb
Thallium	205-1	0.14	0.14	0.10	0.13	17.27	ppb
Tin	118-1	0.37	0.31	0.25	0.31	19.01	ppb
Titanium	47-1	0.02	0.00	0.01	0.01	110.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.72	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	55.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.18	-0.03	0.28	0.14	107.89	ppb
Zirconium	90-1	0.15	0.16	0.14	0.15	7.74	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:59:48	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.15	0.10	0.12	16.15	ppb

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:17:06	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	42	50	67	54.49	cps
Antimony	121-1	42	25	25	31	31.50	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	75	83	42	67	33.07	cps
Barium	137-1	67	42	83	64	32.83	cps
Beryllium	9-1	11	28	17	19	45.83	cps
Bismuth	209-1	4943291	4934841	4889150	4922428	0.59	cps
Bismuth	209-2	2834954	2895737	2893078	2874590	1.20	cps
Boron	10-1	25	42	83	50	60.09	cps
Boron	11-1	417	283	300	333	21.80	cps
Cadmium	111-1	1842	1735	1759	1779	3.17	cps
Cadmium	106-1	2609	2475	2509	2531	2.74	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	475	383	542	467	17.03	cps
Calcium	44-1	59169	59922	58809	59300	0.96	cps
Chromium	52-2	830	870	750	817	7.48	cps
Cobalt	59-2	73	43	77	64	28.49	cps
Copper	63-2	993	1100	1083	1059	5.42	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	20	0	7	173.21	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	33	25	92	50	72.65	cps
Gadolinium	160-2	57	50	53	53	6.25	cps
Holmium	165-1	8248594	8037791	8122486	8136290	1.30	cps
Holmium	165-2	3836732	3873388	3913961	3874694	1.00	cps
Indium	115-1	6612955	6628420	6678907	6640094	0.52	cps
Indium	115-2	1253119	1253978	1274200	1260432	0.95	cps
Iron	56-2	3517	3656	3667	3614	2.31	cps
Iron	57-2	222	306	278	269	15.80	cps
Lead	206-1	472	328	378	393	18.69	cps
Lead	207-1	406	322	361	363	11.49	cps
Lead	208-1	1811	1517	1700	1676	8.87	cps
Lithium	6-1	739230	741978	736972	739393	0.34	cps
Magnesium	24-2	175	208	267	217	21.41	cps
Manganese	55-2	70	63	53	62	13.48	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:17:06	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	200	175	181	9.61	cps
Molybdenum	95-1	25	8	17	17	50.01	cps
Molybdenum	96-1	83	83	167	111	43.30	cps
Molybdenum	97-1	17	25	17	19	24.73	cps
Molybdenum	98-1	25	17	33	25	33.32	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	67	53	53	25.00	cps
Phosphorus	31-2	100	125	100	108	13.32	cps
Potassium	39-2	44543	44159	43648	44117	1.02	cps
Rhodium	103-1	6478382	6475025	6541798	6498402	0.58	cps
Rhodium	103-2	2944457	2963536	2958526	2955506	0.33	cps
Scandium	45-1	4192359	4211752	4186140	4196751	0.32	cps
Scandium	45-2	200968	200802	201533	201101	0.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	94	56	80	26.74	cps
Selenium	82-1	152	124	51	109	47.62	cps
Silicon	28-1	408247	377229	381531	389002	4.32	cps
Silver	109-1	50	17	42	36	48.03	cps
Silver	107-1	75	50	92	72	29.04	cps
Sodium	23-2	19914	19847	19547	19769	0.99	cps
Strontium	86-1	667	758	708	711	6.45	cps
Strontium	88-1	217	250	308	258	17.96	cps
Sulfur	34-1	645162	648966	650657	648261	0.43	cps
Terbium	159-1	8488116	8424712	8477841	8463557	0.40	cps
Terbium	159-2	3871681	3849803	3907860	3876448	0.76	cps
Thallium	203-1	58	33	50	47	26.97	cps
Thallium	205-1	133	133	58	108	39.97	cps
Tin	118-1	467	492	483	481	2.65	cps
Titanium	47-1	100	108	150	119	22.43	cps
Uranium	238-1	50	42	42	44	10.82	cps
Vanadium	51-2	17	10	17	14	26.66	cps
Yttrium	89-1	7048002	6947392	7041584	7012326	0.80	cps
Yttrium	89-2	1016497	1017119	1023889	1019168	0.40	cps
Zinc	66-2	223	210	190	208	8.08	cps
Zirconium	90-1	425	342	425	397	12.11	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:17:06	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	92	58	64	39.85	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1167	1225	1200	1197	2.44	cps
Antimony	121-1	12831	13607	12439	12959	4.59	cps
Arsenic	75-2	272	252	285	270	6.23	cps
Barium	135-1	12815	13632	13098	13182	3.15	cps
Barium	137-1	23412	22911	23354	23226	1.18	cps
Beryllium	9-1	1072	883	900	952	10.99	cps
Bismuth	209-1	5067198	4969594	4900309	4979034	1.68	cps
Bismuth	209-2	2899537	2882943	2895937	2892806	0.30	cps
Boron	10-1	3109	3092	3376	3192	4.98	cps
Boron	11-1	16760	16535	16818	16704	0.90	cps
Cadmium	111-1	3173	3258	3120	3184	2.19	cps
Cadmium	106-1	2467	2700	2509	2559	4.86	cps
Cadmium	108-1	113	129	129	124	7.79	cps
Calcium	43-1	9353	8753	8253	8786	6.27	cps
Calcium	44-1	192883	192597	193296	192925	0.18	cps
Chromium	52-2	4647	4754	4691	4697	1.14	cps
Cobalt	59-2	3130	3137	3070	3113	1.18	cps
Copper	63-2	5471	5218	5768	5486	5.02	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	60	43	43	49	19.69	cps
Holmium	165-1	8440359	8262341	8149027	8283909	1.77	cps
Holmium	165-2	3939117	3885331	3898280	3907576	0.72	cps
Indium	115-1	6836749	6802020	6719734	6786168	0.89	cps
Indium	115-2	1247824	1263123	1278286	1263078	1.21	cps
Iron	56-2	81716	80827	82051	81531	0.78	cps
Iron	57-2	2217	2111	2134	2154	2.58	cps
Lead	206-1	4706	5040	4429	4725	6.48	cps
Lead	207-1	3967	4212	4079	4086	3.00	cps
Lead	208-1	18911	19217	18033	18720	3.28	cps
Lithium	6-1	739058	742249	737163	739490	0.35	cps
Magnesium	24-2	65310	65142	65662	65371	0.41	cps
Manganese	55-2	1150	1147	1103	1133	2.30	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12056	11397	11922	11791	2.95	cps
Molybdenum	95-1	14650	14449	14583	14561	0.70	cps
Molybdenum	96-1	16885	16235	15818	16313	3.30	cps
Molybdenum	97-1	9570	9187	9620	9459	2.51	cps
Molybdenum	98-1	23946	23170	23453	23523	1.67	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	990	907	907	934	5.15	cps
Phosphorus	31-2	142	50	92	94	48.60	cps
Potassium	39-2	109845	110854	110198	110299	0.46	cps
Rhodium	103-1	6514114	6543452	6531533	6529700	0.23	cps
Rhodium	103-2	2988370	2966641	2967677	2974229	0.41	cps
Scandium	45-1	4261220	4262054	4224629	4249301	0.50	cps
Scandium	45-2	204783	202496	199675	202318	1.26	cps
Selenium	77-2	27	20	23	23	14.29	cps
Selenium	78-2	143	133	170	149	12.95	cps
Selenium	82-1	595	579	720	631	12.17	cps
Silicon	28-1	431001	433924	430268	431731	0.45	cps
Silver	109-1	6927	7052	7010	6997	0.91	cps
Silver	107-1	7569	7419	7252	7413	2.14	cps
Sodium	23-2	146121	143725	147343	145730	1.26	cps
Strontium	86-1	2450	2467	2717	2545	5.87	cps
Strontium	88-1	16343	17102	15993	16480	3.44	cps
Sulfur	34-1	623281	613687	617593	618187	0.78	cps
Terbium	159-1	8486951	8580835	8480881	8516222	0.66	cps
Terbium	159-2	3914559	3873806	3915176	3901180	0.61	cps
Thallium	203-1	5660	5210	5235	5368	4.71	cps
Thallium	205-1	12782	12156	12515	12484	2.51	cps
Tin	118-1	24071	23713	23880	23888	0.75	cps
Titanium	47-1	4176	4626	4426	4409	5.12	cps
Uranium	238-1	15827	16144	16912	16294	3.42	cps
Vanadium	51-2	7549	7602	7209	7453	2.86	cps
Yttrium	89-1	7073989	7053984	7120676	7082883	0.48	cps
Yttrium	89-2	1029679	1022335	1031338	1027784	0.47	cps
Zinc	66-2	907	940	963	937	3.04	cps
Zirconium	90-1	9854	10337	9178	9790	5.95	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:24:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2200	2334	2259	2264	2.95	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60909	62029	61527	61488	0.91	cps
Antimony	121-1	360989	354745	359426	358387	0.91	cps
Arsenic	75-2	14207	14389	14635	14410	1.49	cps
Barium	135-1	374002	376470	379046	376506	0.67	cps
Barium	137-1	653464	649822	643525	648937	0.77	cps
Beryllium	9-1	53824	53662	54320	53935	0.64	cps
Bismuth	209-1	4938422	4995571	4915207	4949733	0.84	cps
Bismuth	209-2	2927780	2939439	2977551	2948257	0.88	cps
Boron	10-1	7535	7577	7911	7674	2.68	cps
Boron	11-1	38910	39344	38157	38804	1.55	cps
Cadmium	111-1	87955	88442	88908	88435	0.54	cps
Cadmium	106-1	12264	12439	11739	12147	3.00	cps
Cadmium	108-1	6372	6293	6460	6375	1.31	cps
Calcium	43-1	90963	92245	91860	91689	0.72	cps
Calcium	44-1	1544231	1546206	1544912	1545116	0.06	cps
Chromium	52-2	105444	106243	106082	105923	0.40	cps
Cobalt	59-2	169195	170650	171473	170439	0.68	cps
Copper	63-2	245517	249144	248326	247663	0.77	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-1	67	100	67	78	24.74	cps
Gadolinium	160-2	43	87	73	68	32.75	cps
Holmium	165-1	8310021	8296719	8152186	8252975	1.06	cps
Holmium	165-2	3915443	3965273	4000419	3960378	1.08	cps
Indium	115-1	6914185	6791090	6789822	6831699	1.05	cps
Indium	115-2	1281230	1279619	1287766	1282872	0.34	cps
Iron	56-2	4203803	4241129	4252319	4232417	0.60	cps
Iron	57-2	109322	109652	108700	109225	0.44	cps
Lead	206-1	234889	232498	236181	234523	0.80	cps
Lead	207-1	208009	208434	208183	208208	0.10	cps
Lead	208-1	940340	944627	940135	941701	0.27	cps
Lithium	6-1	750560	749409	757152	752374	0.56	cps
Magnesium	24-2	745518	743309	742786	743871	0.19	cps
Manganese	55-2	115613	116635	116033	116094	0.44	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	302015	303564	302492	302690	0.26	cps
Molybdenum	95-1	166429	165239	165090	165586	0.44	cps
Molybdenum	96-1	212550	206913	210642	210035	1.37	cps
Molybdenum	97-1	101930	103877	103130	102979	0.95	cps
Molybdenum	98-1	269100	267798	265956	267618	0.59	cps
Neodymium	150-1	40	33	27	33	19.99	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	45150	45838	45624	45537	0.77	cps
Phosphorus	31-2	4392	4376	4192	4320	2.57	cps
Potassium	39-2	413941	413050	413554	413515	0.11	cps
Rhodium	103-1	6551572	6552121	6563502	6555732	0.10	cps
Rhodium	103-2	2968551	2983168	3000899	2984206	0.54	cps
Scandium	45-1	4311322	4345983	4268562	4308622	0.90	cps
Scandium	45-2	204561	206160	205088	205270	0.40	cps
Selenium	77-2	287	247	273	269	7.57	cps
Selenium	78-2	967	943	1007	972	3.37	cps
Selenium	82-1	5973	5852	5911	5912	1.03	cps
Silicon	28-1	601573	599743	603192	601502	0.29	cps
Silver	109-1	394352	392371	398002	394909	0.72	cps
Silver	107-1	414657	411400	412040	412699	0.42	cps
Sodium	23-2	1455087	1450103	1457308	1454166	0.25	cps
Strontium	86-1	101054	102733	103623	102470	1.27	cps
Strontium	88-1	888666	895960	889036	891221	0.46	cps
Sulfur	34-1	670971	665094	664507	666858	0.54	cps
Terbium	159-1	8612551	8631305	8391546	8545134	1.56	cps
Terbium	159-2	3923406	3980668	3946625	3950233	0.73	cps
Thallium	203-1	282476	284134	282809	283140	0.31	cps
Thallium	205-1	678929	676971	673241	676380	0.43	cps
Tin	118-1	264507	263321	260932	262920	0.69	cps
Titanium	47-1	47302	47737	46340	47126	1.52	cps
Uranium	238-1	912283	917591	916789	915554	0.31	cps
Vanadium	51-2	85003	84471	87213	85562	1.70	cps
Yttrium	89-1	7096646	7153791	7137847	7129428	0.41	cps
Yttrium	89-2	1026608	1044428	1045351	1038796	1.02	cps
Zinc	66-2	37157	37314	37859	37444	0.98	cps
Zirconium	90-1	575881	578988	579155	578008	0.32	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:31:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	129111	130070	130171	129784	0.45	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 13:35:37 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153462	153295	154305	153687	0.35	cps
Antimony	121-1	902359	915382	910340	909360	0.72	cps
Arsenic	75-2	35425	35293	35599	35439	0.43	cps
Barium	135-1	942026	939337	944543	941969	0.28	cps
Barium	137-1	1624381	1638157	1629005	1630514	0.43	cps
Beryllium	9-1	133835	135786	134754	134792	0.72	cps
Bismuth	209-1	4993843	4971572	5020183	4995199	0.49	cps
Bismuth	209-2	2893682	2929473	2940489	2921215	0.84	cps
Boron	10-1	18921	19004	19280	19068	0.98	cps
Boron	11-1	95577	96649	96046	96091	0.56	cps
Cadmium	111-1	217334	216212	218887	217478	0.62	cps
Cadmium	106-1	25632	26476	26442	26183	1.82	cps
Cadmium	108-1	15200	16310	16176	15895	3.81	cps
Calcium	43-1	231715	232967	230731	231804	0.48	cps
Calcium	44-1	3744081	3801981	3801159	3782407	0.88	cps
Chromium	52-2	257817	258729	258517	258354	0.18	cps
Cobalt	59-2	416498	415174	416560	416077	0.19	cps
Copper	63-2	603964	607221	608266	606484	0.37	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	50	8	25	28	75.51	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	75	75	67	72	6.66	cps
Gadolinium	160-2	73	93	27	64	53.08	cps
Holmium	165-1	8295953	8393049	8380123	8356375	0.63	cps
Holmium	165-2	3945261	3985790	4041646	3990899	1.21	cps
Indium	115-1	6763476	6744284	6809335	6772365	0.49	cps
Indium	115-2	1261521	1268169	1283035	1270909	0.87	cps
Iron	56-2	10333788	10291603	10265920	10297104	0.33	cps
Iron	57-2	260480	267114	267278	264957	1.46	cps
Lead	206-1	588902	590811	586644	588786	0.35	cps
Lead	207-1	523483	529916	521654	525018	0.83	cps
Lead	208-1	2357340	2375500	2357732	2363524	0.44	cps
Lithium	6-1	760295	763737	770153	764728	0.65	cps
Magnesium	24-2	1818726	1826371	1836062	1827053	0.48	cps
Manganese	55-2	283983	283956	289464	285801	1.11	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 13:35:37 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	769774	770876	766246	768965	0.31	cps
Molybdenum	95-1	408145	414342	413852	412113	0.84	cps
Molybdenum	96-1	532188	529721	529938	530616	0.26	cps
Molybdenum	97-1	253925	257066	258805	256599	0.96	cps
Molybdenum	98-1	665078	655658	667784	662840	0.96	cps
Neodymium	150-1	27	93	73	64	53.08	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	111786	111571	111561	111639	0.11	cps
Phosphorus	31-2	10646	10671	10371	10562	1.58	cps
Potassium	39-2	951127	960471	953091	954896	0.52	cps
Rhodium	103-1	6426340	6481635	6535897	6481290	0.85	cps
Rhodium	103-2	2975148	2981193	2988116	2981486	0.22	cps
Scandium	45-1	4267610	4268523	4287842	4274658	0.27	cps
Scandium	45-2	201475	203375	203860	202903	0.62	cps
Selenium	77-2	590	613	730	644	11.64	cps
Selenium	78-2	2284	2363	2376	2341	2.14	cps
Selenium	82-1	14858	14990	14847	14898	0.53	cps
Silicon	28-1	908852	904078	908907	907279	0.31	cps
Silver	109-1	988065	976359	984714	983046	0.61	cps
Silver	107-1	1037990	1033510	1038020	1036507	0.25	cps
Sodium	23-2	3562076	3567765	3574613	3568151	0.18	cps
Strontium	86-1	253698	255439	257782	255640	0.80	cps
Strontium	88-1	2209532	2226114	2248374	2228007	0.87	cps
Sulfur	34-1	681127	677490	673606	677407	0.56	cps
Terbium	159-1	8577727	8669410	8615702	8620946	0.53	cps
Terbium	159-2	3932759	3953370	3993382	3959837	0.78	cps
Thallium	203-1	712566	716376	722823	717255	0.72	cps
Thallium	205-1	1690175	1701829	1719312	1703772	0.86	cps
Tin	118-1	644720	655620	649665	650002	0.84	cps
Titanium	47-1	117029	115770	115803	116201	0.62	cps
Uranium	238-1	2256013	2275992	2270715	2267573	0.46	cps
Vanadium	51-2	211052	211372	212970	211798	0.49	cps
Yttrium	89-1	7058344	7168665	7196026	7141012	1.02	cps
Yttrium	89-2	1027749	1027808	1039247	1031601	0.64	cps
Zinc	66-2	90455	90850	90841	90715	0.25	cps
Zirconium	90-1	1448451	1456351	1456078	1453627	0.31	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:35:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325028	325410	327498	325979	0.41	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309604	312992	314522	312373	0.81	cps
Antimony	121-1	1843176	1841311	1840204	1841563	0.08	cps
Arsenic	75-2	72154	72329	73659	72714	1.13	cps
Barium	135-1	1908660	1907376	1883800	1899945	0.74	cps
Barium	137-1	3311954	3229907	3269205	3270355	1.25	cps
Beryllium	9-1	277923	272773	273552	274749	1.01	cps
Bismuth	209-1	4970638	4890402	4919380	4926807	0.82	cps
Bismuth	209-2	2909889	2907690	2945154	2920911	0.72	cps
Boron	10-1	37949	37188	38567	37901	1.82	cps
Boron	11-1	192317	190957	195412	192896	1.18	cps
Cadmium	111-1	434214	438779	434520	435838	0.59	cps
Cadmium	106-1	51302	49914	49495	50237	1.88	cps
Cadmium	108-1	32730	32191	31807	32243	1.44	cps
Calcium	43-1	461270	461021	464851	462381	0.46	cps
Calcium	44-1	7326150	7489686	7415598	7410478	1.11	cps
Chromium	52-2	518592	518735	529436	522255	1.19	cps
Cobalt	59-2	836508	844743	855575	845609	1.13	cps
Copper	63-2	1212679	1220704	1237470	1223618	1.03	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	30	20	30	27	21.65	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	92	125	75	97	26.19	cps
Gadolinium	160-2	47	63	77	62	24.16	cps
Holmium	165-1	8292190	8233530	8205941	8243887	0.53	cps
Holmium	165-2	3982991	4002040	4065918	4016983	1.08	cps
Indium	115-1	6718636	6652049	6631929	6667538	0.68	cps
Indium	115-2	1265414	1267151	1288689	1273751	1.02	cps
Iron	56-2	20881459	20635423	20974805	20830562	0.84	cps
Iron	57-2	534699	534265	549384	539449	1.60	cps
Lead	206-1	1177682	1176548	1178694	1177641	0.09	cps
Lead	207-1	1048571	1046596	1048476	1047881	0.11	cps
Lead	208-1	4747411	4716906	4705451	4723256	0.46	cps
Lithium	6-1	765025	766084	754426	761845	0.85	cps
Magnesium	24-2	3679875	3730375	3728194	3712815	0.77	cps
Manganese	55-2	573886	578538	580563	577662	0.59	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1550558	1549505	1543555	1547873	0.24	cps
Molybdenum	95-1	839063	833976	841744	838261	0.47	cps
Molybdenum	96-1	1074752	1066406	1072206	1071122	0.40	cps
Molybdenum	97-1	523887	512786	522571	519748	1.17	cps
Molybdenum	98-1	1345621	1338466	1340347	1341478	0.28	cps
Neodymium	150-1	140	113	127	127	10.53	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	222246	226011	227800	225352	1.26	cps
Phosphorus	31-2	21433	21316	21308	21352	0.33	cps
Potassium	39-2	1878566	1884323	1909495	1890795	0.87	cps
Rhodium	103-1	6408868	6278260	6346405	6344511	1.03	cps
Rhodium	103-2	2944052	2958232	3014379	2972221	1.25	cps
Scandium	45-1	4267634	4270617	4208571	4248941	0.82	cps
Scandium	45-2	201798	203036	205628	203487	0.96	cps
Selenium	77-2	1427	1463	1363	1418	3.57	cps
Selenium	78-2	4777	4588	4803	4722	2.48	cps
Selenium	82-1	29820	29497	29743	29687	0.57	cps
Silicon	28-1	1447727	1469832	1460176	1459245	0.76	cps
Silver	109-1	1980242	1979312	1958915	1972823	0.61	cps
Silver	107-1	2064714	2040943	2052666	2052774	0.58	cps
Sodium	23-2	7054679	7133810	7126337	7104942	0.61	cps
Strontium	86-1	511558	515454	510804	512605	0.49	cps
Strontium	88-1	4479881	4408209	4461532	4449874	0.84	cps
Sulfur	34-1	758716	749777	753398	753964	0.60	cps
Terbium	159-1	8657227	8553524	8535978	8582243	0.76	cps
Terbium	159-2	3957657	3947101	4025764	3976840	1.07	cps
Thallium	203-1	1408013	1418405	1425241	1417220	0.61	cps
Thallium	205-1	3381841	3389380	3399401	3390207	0.26	cps
Tin	118-1	1309691	1312616	1312419	1311576	0.12	cps
Titanium	47-1	233165	239324	235808	236099	1.31	cps
Uranium	238-1	4566867	4551838	4551596	4556767	0.19	cps
Vanadium	51-2	423076	426771	433831	427893	1.28	cps
Yttrium	89-1	7043946	7023205	7171077	7079409	1.13	cps
Yttrium	89-2	1026631	1029109	1048105	1034615	1.14	cps
Zinc	66-2	184204	183218	187170	184864	1.11	cps
Zirconium	90-1	2936081	2878902	2929471	2914818	1.07	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:39:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	657550	654712	655674	655979	0.22	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	627816	636922	641207	635315	1.08	cps
Antimony	121-1	3689466	3724137	3727129	3713578	0.56	cps
Arsenic	75-2	146668	150750	149437	148951	1.40	cps
Barium	135-1	3803400	3843042	3832437	3826293	0.54	cps
Barium	137-1	6639820	6689935	6716312	6682023	0.58	cps
Beryllium	9-1	566989	559089	564485	563521	0.72	cps
Bismuth	209-1	4959609	4930482	4885815	4925302	0.75	cps
Bismuth	209-2	2856367	2928716	2928774	2904619	1.44	cps
Boron	10-1	77892	78412	80422	78909	1.69	cps
Boron	11-1	398886	395436	408763	401028	1.72	cps
Cadmium	111-1	877024	882534	883639	881066	0.40	cps
Cadmium	106-1	98642	100624	101907	100391	1.64	cps
Cadmium	108-1	65120	65153	65229	65167	0.09	cps
Calcium	43-1	939422	944292	953789	945834	0.77	cps
Calcium	44-1	15163190	14969827	15133643	15088887	0.69	cps
Chromium	52-2	1051130	1062140	1063324	1058865	0.64	cps
Cobalt	59-2	1686573	1703204	1721631	1703802	1.03	cps
Copper	63-2	2406521	2436197	2455688	2432802	1.02	cps
Dysprosium	156-1	100	125	75	100	25.00	cps
Dysprosium	156-2	43	43	33	40	14.43	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	13	30	17	20	44.10	cps
Gadolinium	160-1	133	108	108	117	12.37	cps
Gadolinium	160-2	67	83	87	79	13.58	cps
Holmium	165-1	8149647	8078131	8332783	8186853	1.60	cps
Holmium	165-2	3952756	4031484	4072659	4018966	1.52	cps
Indium	115-1	6674842	6609142	6643956	6642646	0.49	cps
Indium	115-2	1250532	1275214	1287179	1270975	1.47	cps
Iron	56-2	42234141	42442390	43238159	42638230	1.24	cps
Iron	57-2	1080628	1103264	1109973	1097955	1.40	cps
Lead	206-1	2349671	2330700	2388983	2356451	1.26	cps
Lead	207-1	2097546	2110459	2108232	2105412	0.33	cps
Lead	208-1	9363322	9360103	9379335	9367587	0.11	cps
Lithium	6-1	783425	785643	790456	786508	0.46	cps
Magnesium	24-2	7483716	7511341	7483207	7492755	0.21	cps
Manganese	55-2	1171877	1192713	1197274	1187288	1.14	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3150995	3156664	3154750	3154136	0.09	cps
Molybdenum	95-1	1693134	1694809	1705481	1697808	0.39	cps
Molybdenum	96-1	2181537	2172872	2183274	2179228	0.26	cps
Molybdenum	97-1	1060386	1061043	1072279	1064569	0.63	cps
Molybdenum	98-1	2732135	2726862	2766049	2741682	0.78	cps
Neodymium	150-1	200	300	200	233	24.74	cps
Neodymium	150-2	20	30	30	27	21.65	cps
Nickel	60-2	449624	454278	458327	454076	0.96	cps
Phosphorus	31-2	42930	42645	44776	43450	2.66	cps
Potassium	39-2	3777248	3804071	3823888	3801735	0.62	cps
Rhodium	103-1	6397706	6353525	6390392	6380541	0.37	cps
Rhodium	103-2	2925977	2942499	2970586	2946354	0.77	cps
Scandium	45-1	4230649	4298497	4357735	4295627	1.48	cps
Scandium	45-2	207049	208123	207745	207639	0.26	cps
Selenium	77-2	2844	2934	2844	2874	1.81	cps
Selenium	78-2	9664	9566	9779	9670	1.10	cps
Selenium	82-1	60526	60592	61951	61023	1.32	cps
Silicon	28-1	2577117	2583502	2609923	2590181	0.67	cps
Silver	109-1	3958809	3955446	3969437	3961231	0.18	cps
Silver	107-1	4102571	4171170	4146867	4140203	0.84	cps
Sodium	23-2	14237374	14413068	14467753	14372731	0.84	cps
Strontium	86-1	1050249	1038332	1057499	1048693	0.92	cps
Strontium	88-1	9035285	9041559	9152469	9076438	0.73	cps
Sulfur	34-1	943151	943318	954662	947044	0.70	cps
Terbium	159-1	8644654	8477910	8587208	8569924	0.99	cps
Terbium	159-2	3966834	4018144	4055249	4013409	1.11	cps
Thallium	203-1	2853957	2843974	2921239	2873057	1.46	cps
Thallium	205-1	6819451	6746025	6845454	6803644	0.76	cps
Tin	118-1	2673885	2664487	2664799	2667723	0.20	cps
Titanium	47-1	480899	484932	493008	486280	1.27	cps
Uranium	238-1	9598361	9429594	9597926	9541960	1.02	cps
Vanadium	51-2	872012	884072	876132	877405	0.70	cps
Yttrium	89-1	7086983	7220879	7278108	7195323	1.36	cps
Yttrium	89-2	1033494	1041514	1053394	1042801	0.96	cps
Zinc	66-2	369218	373276	374544	372346	0.75	cps
Zirconium	90-1	6081663	6093921	6057151	6077578	0.31	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:43:02	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1336448	1340427	1336958	1337944	0.16	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 13:46:38 DataFile Name : 014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1278288	1286210	1285555	1283351	0.34	cps
Antimony	121-1	7467109	7338300	7412520	7405976	0.87	cps
Arsenic	75-2	297039	299829	299750	298872	0.53	cps
Barium	135-1	7607232	7630241	7730814	7656096	0.86	cps
Barium	137-1	13168634	13159942	13265012	13197863	0.44	cps
Beryllium	9-1	1108038	1094720	1118565	1107108	1.08	cps
Bismuth	209-1	4791573	4800054	4819274	4803634	0.30	cps
Bismuth	209-2	2804201	2855687	2867529	2842472	1.18	cps
Boron	10-1	155407	158993	159499	157966	1.41	cps
Boron	11-1	788860	801301	807799	799320	1.20	cps
Cadmium	111-1	1713144	1695704	1700623	1703157	0.53	cps
Cadmium	106-1	193832	191201	191510	192181	0.75	cps
Cadmium	108-1	125988	126668	127681	126779	0.67	cps
Calcium	43-1	1852397	1883471	1893265	1876378	1.14	cps
Calcium	44-1	29865825	30111182	29785734	29920914	0.57	cps
Chromium	52-2	2103398	2133653	2113568	2116873	0.73	cps
Cobalt	59-2	3351777	3384248	3343790	3359938	0.64	cps
Copper	63-2	4879136	4844321	4793293	4838916	0.89	cps
Dysprosium	156-1	150	142	133	142	5.88	cps
Dysprosium	156-2	70	70	80	73	7.87	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	133	133	100	122	15.75	cps
Gadolinium	160-2	110	117	90	106	13.15	cps
Holmium	165-1	8291631	8280791	8142708	8238377	1.01	cps
Holmium	165-2	3993847	4034636	4033668	4020717	0.58	cps
Indium	115-1	6546648	6555981	6562537	6555055	0.12	cps
Indium	115-2	1252962	1269196	1264580	1262246	0.66	cps
Iron	56-2	85664724	85685738	85595705	85648722	0.05	cps
Iron	57-2	2174903	2185907	2173372	2178061	0.31	cps
Lead	206-1	4558457	4526871	4552058	4545795	0.37	cps
Lead	207-1	4066243	4067156	4087568	4073656	0.30	cps
Lead	208-1	18278736	18157666	18210380	18215594	0.33	cps
Lithium	6-1	767897	764625	774165	768896	0.63	cps
Magnesium	24-2	15067756	15092174	15085029	15081653	0.08	cps
Manganese	55-2	2366712	2385399	2394923	2382345	0.60	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:46:38	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6373476	6355899	6269041	6332805	0.88	cps
Molybdenum	95-1	3304814	3349588	3356367	3336923	0.84	cps
Molybdenum	96-1	4224897	4364766	4311280	4300314	1.64	cps
Molybdenum	97-1	2081333	2090316	2093016	2088222	0.29	cps
Molybdenum	98-1	5466234	5538368	5469529	5491377	0.74	cps
Neodymium	150-1	487	433	427	449	7.33	cps
Neodymium	150-2	50	40	50	47	12.37	cps
Nickel	60-2	897517	900429	891995	896647	0.48	cps
Phosphorus	31-2	87029	85621	87490	86713	1.12	cps
Potassium	39-2	7550637	7658667	7614321	7607875	0.71	cps
Rhodium	103-1	6269346	6182798	6240585	6230910	0.71	cps
Rhodium	103-2	2882095	2932000	2896114	2903403	0.89	cps
Scandium	45-1	4299888	4334230	4304949	4313022	0.43	cps
Scandium	45-2	209724	211860	211990	211191	0.60	cps
Selenium	77-2	5735	5568	5554	5619	1.79	cps
Selenium	78-2	19098	19000	19272	19123	0.72	cps
Selenium	82-1	118651	118569	118858	118693	0.13	cps
Silicon	28-1	4173289	4183318	4226249	4194285	0.67	cps
Silver	109-1	7829382	7823361	7805939	7819561	0.16	cps
Silver	107-1	8237876	8117832	8151281	8168997	0.76	cps
Sodium	23-2	28786085	29360620	28737175	28961293	1.20	cps
Strontium	86-1	2056312	2089250	2114710	2086757	1.40	cps
Strontium	88-1	18000230	18106725	17979554	18028836	0.38	cps
Sulfur	34-1	1304575	1286415	1292866	1294618	0.71	cps
Terbium	159-1	8485656	8623888	8594072	8567872	0.85	cps
Terbium	159-2	3950353	4031321	4006749	3996141	1.04	cps
Thallium	203-1	5748468	5726147	5669455	5714690	0.71	cps
Thallium	205-1	13446571	13405033	13274639	13375414	0.67	cps
Tin	118-1	5391088	5363299	5346037	5366808	0.42	cps
Titanium	47-1	964401	969118	966237	966586	0.25	cps
Uranium	238-1	18828092	18805191	18903968	18845750	0.27	cps
Vanadium	51-2	1748046	1770142	1774038	1764075	0.79	cps
Yttrium	89-1	7133997	7227268	7201065	7187443	0.67	cps
Yttrium	89-2	1048774	1057367	1057033	1054391	0.46	cps
Zinc	66-2	735204	739567	734292	736354	0.38	cps
Zirconium	90-1	11956755	12201673	12066604	12075011	1.02	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:46:38	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2632493	2669656	2671294	2657814	0.83	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6722282	6678675	6714226	6705061	0.35	cps
Antimony	121-1	20633	20074	19823	20176	2.05	cps
Arsenic	75-2	156	156	174	162	6.61	cps
Barium	135-1	2059	2142	2350	2184	6.88	cps
Barium	137-1	3976	3976	3692	3881	4.22	cps
Beryllium	9-1	278	311	261	283	8.98	cps
Bismuth	209-1	4257877	4233157	4207249	4232761	0.60	cps
Bismuth	209-2	2593663	2596553	2601004	2597073	0.14	cps
Boron	10-1	3234	2992	2925	3050	5.32	cps
Boron	11-1	16067	15484	13857	15136	7.57	cps
Cadmium	111-1	1877	1739	1814	1810	3.81	cps
Cadmium	106-1	2467	2317	2442	2409	3.34	cps
Cadmium	108-1	29	17	17	21	34.64	cps
Calcium	43-1	9924651	9960572	9886646	9923956	0.37	cps
Calcium	44-1	156932224	156636254	156519487	156695988	0.14	cps
Chromium	52-2	32225	32613	31177	32005	2.32	cps
Cobalt	59-2	3927	4101	4171	4066	3.08	cps
Copper	63-2	7342	6998	7145	7162	2.41	cps
Dysprosium	156-1	58	75	75	69	13.85	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	125	117	100	114	11.18	cps
Gadolinium	160-2	97	63	77	79	21.27	cps
Holmium	165-1	7816471	7611930	7732936	7720446	1.33	cps
Holmium	165-2	3822853	3827785	3842197	3830945	0.26	cps
Indium	115-1	6105302	6051359	6202383	6119681	1.25	cps
Indium	115-2	1230157	1225212	1231339	1228903	0.26	cps
Iron	56-2	417822454	415663743	416401776	416629324	0.26	cps
Iron	57-2	10710468	10689278	10703223	10700990	0.10	cps
Lead	206-1	5018	5062	5468	5183	4.79	cps
Lead	207-1	4240	4418	4584	4414	3.90	cps
Lead	208-1	19695	19979	20885	20186	3.08	cps
Lithium	6-1	751982	748172	748092	749415	0.30	cps
Magnesium	24-2	77119320	77200498	77546962	77288927	0.29	cps
Manganese	55-2	9403	9890	9940	9744	3.04	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6027	5968	5860	5951	1.42	cps
Molybdenum	95-1	8411	8561	8820	8597	2.40	cps
Molybdenum	96-1	11914	10996	11263	11391	4.14	cps
Molybdenum	97-1	5493	5385	5626	5501	2.20	cps
Molybdenum	98-1	14533	13524	13941	13999	3.62	cps
Neodymium	150-1	73	73	93	80	14.43	cps
Neodymium	150-2	17	40	40	32	41.80	cps
Nickel	60-2	8903	8766	8896	8855	0.87	cps
Phosphorus	31-2	233	267	225	242	9.12	cps
Potassium	39-2	39166812	38509133	39348980	39008309	1.13	cps
Rhodium	103-1	5680045	5621252	5654376	5651891	0.52	cps
Rhodium	103-2	2667331	2645104	2693276	2668570	0.90	cps
Scandium	45-1	4140890	4130780	4207483	4159718	1.00	cps
Scandium	45-2	211050	210041	213134	211409	0.75	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	102	106	81	96	13.46	cps
Selenium	82-1	161	221	250	211	21.59	cps
Silicon	28-1	435057	432251	433228	433512	0.33	cps
Silver	109-1	817	750	925	831	10.63	cps
Silver	107-1	742	858	1050	883	17.62	cps
Sodium	23-2	145402087	144565278	144198899	144722088	0.43	cps
Strontium	86-1	73404	71897	70867	72056	1.77	cps
Strontium	88-1	627294	625898	626924	626705	0.12	cps
Sulfur	34-1	597842	603882	610692	604139	1.06	cps
Terbium	159-1	7917011	7934988	8077512	7976504	1.10	cps
Terbium	159-2	3821023	3805637	3806832	3811164	0.22	cps
Thallium	203-1	2859	2267	2100	2409	16.55	cps
Thallium	205-1	6193	5485	5185	5621	9.22	cps
Tin	118-1	6669	6869	6877	6805	1.73	cps
Titanium	47-1	950	792	817	853	9.98	cps
Uranium	238-1	1700	1433	1450	1528	9.78	cps
Vanadium	51-2	293	313	250	286	11.34	cps
Yttrium	89-1	6771600	6720348	6771241	6754396	0.44	cps
Yttrium	89-2	1043183	1040232	1052443	1045286	0.61	cps
Zinc	66-2	2460	2510	2457	2476	1.21	cps
Zirconium	90-1	2584	2300	2534	2473	6.12	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 13:50:09	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	500	700	603	16.61	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:07:07 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32561	33221	33447	33077	1.39	cps
Antimony	121-1	1324232	1342323	1345273	1337276	0.85	cps
Arsenic	75-2	55531	55457	55996	55661	0.52	cps
Barium	135-1	141161	141868	142565	141865	0.49	cps
Barium	137-1	246640	249378	244133	246717	1.06	cps
Beryllium	9-1	106225	106170	106874	106423	0.37	cps
Bismuth	209-1	4758038	4725700	4774164	4752634	0.52	cps
Bismuth	209-2	2872481	2896334	2891167	2886661	0.43	cps
Boron	10-1	86079	87762	86128	86656	1.11	cps
Boron	11-1	433887	440954	439769	438203	0.86	cps
Cadmium	111-1	169128	171582	172243	170984	0.96	cps
Cadmium	106-1	35478	35730	36163	35790	0.97	cps
Cadmium	108-1	17636	18229	18008	17958	1.67	cps
Calcium	43-1	40623	39487	39971	40027	1.42	cps
Calcium	44-1	680825	675764	672589	676393	0.61	cps
Chromium	52-2	195859	197635	198025	197173	0.59	cps
Cobalt	59-2	327279	329363	324170	326937	0.80	cps
Copper	63-2	237091	238958	235184	237077	0.80	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	100	33	69	48.50	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	67	67	100	78	24.74	cps
Gadolinium	160-2	47	60	60	56	13.85	cps
Holmium	165-1	7957939	7905049	8041805	7968264	0.87	cps
Holmium	165-2	3881978	3942026	3927142	3917048	0.80	cps
Indium	115-1	6510018	6510341	6519113	6513157	0.08	cps
Indium	115-2	1264837	1266622	1268202	1266554	0.13	cps
Iron	56-2	1678918	1662164	1678787	1673290	0.58	cps
Iron	57-2	42000	40841	42406	41749	1.95	cps
Lead	206-1	890783	879776	884455	885005	0.62	cps
Lead	207-1	763384	755494	759979	759619	0.52	cps
Lead	208-1	3477584	3440078	3487362	3468342	0.72	cps
Lithium	6-1	807494	804947	810733	807725	0.36	cps
Magnesium	24-2	174724	175341	176976	175680	0.66	cps
Manganese	55-2	112791	111542	112567	112300	0.59	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:07:07	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3043013	3059520	3059495	3054009	0.31	cps
Molybdenum	95-1	1657620	1645001	1662604	1655075	0.55	cps
Molybdenum	96-1	2112471	2095201	2145178	2117617	1.20	cps
Molybdenum	97-1	1038689	1029684	1036304	1034892	0.45	cps
Molybdenum	98-1	2677764	2669271	2703380	2683472	0.66	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	87345	86936	87369	87217	0.28	cps
Phosphorus	31-2	192	150	142	161	16.63	cps
Potassium	39-2	337052	337363	340790	338402	0.61	cps
Rhodium	103-1	6308728	6319748	6428162	6352213	1.04	cps
Rhodium	103-2	2952321	2929942	2938947	2940403	0.38	cps
Scandium	45-1	4224362	4195541	4235773	4218559	0.49	cps
Scandium	45-2	211089	208858	209318	209755	0.56	cps
Selenium	77-2	1027	1047	1077	1050	2.40	cps
Selenium	78-2	3701	3704	3689	3698	0.21	cps
Selenium	82-1	22691	21913	22397	22334	1.76	cps
Silicon	28-1	2544902	2566976	2554555	2555478	0.43	cps
Silver	109-1	721719	750073	737797	736530	1.93	cps
Silver	107-1	769313	772150	785851	775771	1.14	cps
Sodium	23-2	589174	601018	598147	596113	1.04	cps
Strontium	86-1	1035490	1026458	1035106	1032351	0.49	cps
Strontium	88-1	8970054	9017043	9067664	9018254	0.54	cps
Sulfur	34-1	633948	638293	642460	638234	0.67	cps
Terbium	159-1	8146866	8303153	8395397	8281806	1.52	cps
Terbium	159-2	3880700	3924265	3951509	3918825	0.91	cps
Thallium	203-1	1085080	1071083	1082749	1079637	0.69	cps
Thallium	205-1	2595109	2574327	2535065	2568167	1.19	cps
Tin	118-1	2594037	2624523	2638230	2618930	0.86	cps
Titanium	47-1	482299	472709	473606	476204	1.11	cps
Uranium	238-1	9927185	9996366	9910029	9944526	0.46	cps
Vanadium	51-2	163961	163125	164240	163775	0.35	cps
Yttrium	89-1	6958870	6988034	6956496	6967800	0.25	cps
Yttrium	89-2	1042091	1034487	1041615	1039397	0.41	cps
Zinc	66-2	72117	72077	72757	72317	0.53	cps
Zirconium	90-1	5860426	5824468	5903609	5862834	0.68	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:07:07	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1306209	1290760	1300674	1299214	0.60	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:13:19 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	100	86	20.14	cps
Antimony	121-1	2600	2334	2759	2564	8.38	cps
Arsenic	75-2	15	15	7	12	34.61	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	83	33	67	61	41.67	cps
Beryllium	9-1	50	50	56	52	6.19	cps
Bismuth	209-1	4821744	4737605	4748625	4769325	0.96	cps
Bismuth	209-2	2860200	2897790	2891700	2883230	0.70	cps
Boron	10-1	525	583	542	550	5.46	cps
Boron	11-1	2792	2967	2759	2839	3.94	cps
Cadmium	111-1	1678	1570	1679	1642	3.80	cps
Cadmium	106-1	2384	2234	2400	2339	3.92	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	342	417	450	403	13.77	cps
Calcium	44-1	65069	67320	64525	65638	2.26	cps
Chromium	52-2	787	817	800	801	1.88	cps
Cobalt	59-2	43	80	67	63	29.31	cps
Copper	63-2	1080	1047	1037	1055	2.15	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	50	30	57	46	30.47	cps
Holmium	165-1	8071611	8112987	7955374	8046657	1.02	cps
Holmium	165-2	3853036	3922316	3931272	3902208	1.10	cps
Indium	115-1	6586273	6638867	6670885	6632008	0.64	cps
Indium	115-2	1285826	1283372	1292774	1287324	0.38	cps
Iron	56-2	4612	4595	4467	4558	1.73	cps
Iron	57-2	300	294	239	278	12.17	cps
Lead	206-1	711	778	639	709	9.79	cps
Lead	207-1	572	633	622	609	5.34	cps
Lead	208-1	2650	2945	2772	2789	5.30	cps
Lithium	6-1	801387	798879	805586	801951	0.42	cps
Magnesium	24-2	350	325	342	339	3.76	cps
Manganese	55-2	60	77	70	69	12.18	cps

LB Number : LB90973 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-18 14:13:19 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	550	650	569	12.79	cps
Molybdenum	95-1	375	292	400	356	15.95	cps
Molybdenum	96-1	608	500	408	506	19.80	cps
Molybdenum	97-1	300	308	233	281	14.65	cps
Molybdenum	98-1	558	600	733	631	14.50	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	43	53	52	16.07	cps
Phosphorus	31-2	92	133	175	133	31.25	cps
Potassium	39-2	48154	48388	47920	48154	0.49	cps
Rhodium	103-1	6402679	6334352	6397614	6378215	0.60	cps
Rhodium	103-2	2946032	2945414	2950143	2947197	0.09	cps
Scandium	45-1	4230286	4323478	4275874	4276546	1.09	cps
Scandium	45-2	203664	208020	207558	206414	1.16	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	76	87	87	83	7.70	cps
Selenium	82-1	87	73	91	84	11.70	cps
Silicon	28-1	387868	388467	386671	387669	0.24	cps
Silver	109-1	142	117	125	128	9.96	cps
Silver	107-1	133	167	142	147	11.79	cps
Sodium	23-2	35877	37431	37865	37058	2.82	cps
Strontium	86-1	908	792	800	833	7.81	cps
Strontium	88-1	292	233	225	250	14.53	cps
Sulfur	34-1	639796	642356	638436	640196	0.31	cps
Terbium	159-1	8430903	8293033	8463136	8395691	1.08	cps
Terbium	159-2	3883083	3920458	3914507	3906016	0.51	cps
Thallium	203-1	183	233	258	225	16.97	cps
Thallium	205-1	517	483	450	483	6.90	cps
Tin	118-1	1217	1075	1175	1156	6.30	cps
Titanium	47-1	92	183	100	125	40.55	cps
Uranium	238-1	175	217	92	161	39.51	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	7048183	7035639	7045359	7043061	0.09	cps
Yttrium	89-2	1032383	1035134	1040082	1035867	0.38	cps
Zinc	66-2	223	217	187	209	9.35	cps
Zirconium	90-1	850	850	842	847	0.57	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:13:19	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	167	131	24.17	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5658711	5694935	5651549	5668398	0.41	cps
Antimony	121-1	8970	8761	9387	9039	3.52	cps
Arsenic	75-2	94	102	102	99	4.30	cps
Barium	135-1	2125	1975	2250	2117	6.50	cps
Barium	137-1	3359	3684	3926	3656	7.78	cps
Beryllium	9-1	361	383	372	372	2.98	cps
Bismuth	209-1	4607638	4578099	4593572	4593103	0.32	cps
Bismuth	209-2	2722591	2767243	2763960	2751265	0.90	cps
Boron	10-1	533	542	600	558	6.51	cps
Boron	11-1	2692	3050	2942	2895	6.35	cps
Cadmium	111-1	2184	2160	2232	2192	1.65	cps
Cadmium	106-1	2150	2167	2067	2128	2.52	cps
Cadmium	108-1	1500	1533	1421	1485	3.89	cps
Calcium	43-1	1757407	1743510	1755586	1752168	0.43	cps
Calcium	44-1	28374058	28215174	28296773	28295335	0.28	cps
Chromium	52-2	40452	39938	40422	40271	0.72	cps
Cobalt	59-2	3944	3751	3754	3816	2.90	cps
Copper	63-2	19750	19316	20318	19795	2.54	cps
Dysprosium	156-1	25	92	25	47	81.51	cps
Dysprosium	156-2	20	17	20	19	10.18	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	142	83	108	111	26.34	cps
Gadolinium	160-2	63	50	60	58	12.01	cps
Holmium	165-1	8120164	7939629	8072423	8044072	1.16	cps
Holmium	165-2	3861348	3930211	3934155	3908572	1.05	cps
Indium	115-1	6457529	6550210	6624698	6544146	1.28	cps
Indium	115-2	1254539	1261546	1261994	1259360	0.33	cps
Iron	56-2	158845154	158814492	157722809	158460818	0.40	cps
Iron	57-2	3934056	3985746	3960526	3960109	0.65	cps
Lead	206-1	21084	21368	21179	21210	0.68	cps
Lead	207-1	16833	16221	17011	16689	2.48	cps
Lead	208-1	79449	79194	79376	79340	0.17	cps
Lithium	6-1	749725	745338	739593	744885	0.68	cps
Magnesium	24-2	14021582	14048283	13914378	13994748	0.51	cps
Manganese	55-2	8973	9083	8876	8977	1.15	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3394006	3409972	3402533	3402170	0.23	cps
Molybdenum	95-1	6078841	6047499	6084158	6070166	0.33	cps
Molybdenum	96-1	6569890	6580777	6573307	6574658	0.08	cps
Molybdenum	97-1	3714505	3681769	3710912	3702395	0.48	cps
Molybdenum	98-1	10006741	9876744	9834200	9905895	0.91	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	4521	4621	4694	4612	1.89	cps
Phosphorus	31-2	397790	402402	404181	401458	0.82	cps
Potassium	39-2	14246646	14208048	14342750	14265815	0.49	cps
Rhodium	103-1	6143896	6070492	6155233	6123207	0.75	cps
Rhodium	103-2	2834312	2838514	2878354	2850393	0.85	cps
Scandium	45-1	4321022	4207307	4263838	4264056	1.33	cps
Scandium	45-2	206730	209743	210309	208927	0.92	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	81	74	87	81	8.05	cps
Selenium	82-1	97	140	53	97	45.29	cps
Silicon	28-1	510004	508744	516287	511678	0.79	cps
Silver	109-1	617	850	833	767	16.98	cps
Silver	107-1	642	725	900	756	17.45	cps
Sodium	23-2	26773667	26978231	26882371	26878090	0.38	cps
Strontium	86-1	65400	65383	66915	65899	1.33	cps
Strontium	88-1	568457	568798	578660	571972	1.01	cps
Sulfur	34-1	3803187	3783246	3805693	3797375	0.32	cps
Terbium	159-1	8365936	8331855	8441662	8379818	0.67	cps
Terbium	159-2	3864886	3919462	3939734	3908027	0.99	cps
Thallium	203-1	608	483	558	550	11.44	cps
Thallium	205-1	1442	1333	1375	1383	3.95	cps
Tin	118-1	1458	1650	1675	1595	7.43	cps
Titanium	47-1	1749857	1742993	1761176	1751342	0.52	cps
Uranium	238-1	383	383	292	353	15.00	cps
Vanadium	51-2	307	290	300	299	2.81	cps
Yttrium	89-1	6905592	6967026	7068393	6980337	1.18	cps
Yttrium	89-2	1035217	1040991	1042812	1039673	0.38	cps
Zinc	66-2	4451	4041	4307	4266	4.88	cps
Zirconium	90-1	2859	2667	2600	2709	4.95	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:17:00	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	600	567	658	19.89	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:20:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5618707	5690532	5596639	5635292	0.87	cps
Antimony	121-1	145741	145859	148284	146628	0.98	cps
Arsenic	75-2	5477	5755	5584	5605	2.50	cps
Barium	135-1	31704	31061	31186	31317	1.09	cps
Barium	137-1	55185	56324	55980	55830	1.05	cps
Beryllium	9-1	21315	20509	20820	20881	1.95	cps
Bismuth	209-1	4601509	4616110	4643766	4620461	0.46	cps
Bismuth	209-2	2745659	2798542	2760755	2768319	0.98	cps
Boron	10-1	10095	10079	10312	10162	1.28	cps
Boron	11-1	50167	50335	50586	50363	0.42	cps
Cadmium	111-1	35010	34757	35382	35049	0.90	cps
Cadmium	106-1	7269	7285	6785	7113	3.99	cps
Cadmium	108-1	4376	4080	4392	4283	4.11	cps
Calcium	43-1	1759333	1746227	1782817	1762792	1.05	cps
Calcium	44-1	27983825	28448391	28659793	28364003	1.22	cps
Chromium	52-2	80622	82362	80569	81184	1.26	cps
Cobalt	59-2	69886	68164	70445	69498	1.71	cps
Copper	63-2	66869	66738	67897	67168	0.94	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	17	23	7	16	53.90	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	75	117	108	100	22.05	cps
Gadolinium	160-2	60	70	60	63	9.12	cps
Holmium	165-1	8071410	8117502	8102691	8097201	0.29	cps
Holmium	165-2	3889515	3964291	3943601	3932469	0.98	cps
Indium	115-1	6460357	6572801	6578145	6537101	1.02	cps
Indium	115-2	1258484	1269200	1259875	1262519	0.46	cps
Iron	56-2	157975309	157800876	157179276	157651820	0.27	cps
Iron	57-2	3933043	3982529	4002829	3972800	0.90	cps
Lead	206-1	108344	111704	111453	110500	1.69	cps
Lead	207-1	90372	90612	91200	90728	0.47	cps
Lead	208-1	417424	422987	427183	422531	1.16	cps
Lithium	6-1	741218	737731	743750	740900	0.41	cps
Magnesium	24-2	13933282	14026310	13802950	13920847	0.81	cps
Manganese	55-2	31845	32526	31845	32072	1.23	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:20:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3760304	3761166	3779015	3766829	0.28	cps
Molybdenum	95-1	6235946	6262499	6223148	6240531	0.32	cps
Molybdenum	96-1	6769981	6831259	6892081	6831107	0.89	cps
Molybdenum	97-1	3831329	3801197	3819963	3817497	0.40	cps
Molybdenum	98-1	10089802	10169974	10211343	10157040	0.61	cps
Neodymium	150-1	13	47	7	22	96.44	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	21469	21883	21943	21765	1.19	cps
Phosphorus	31-2	401553	403620	403847	403007	0.31	cps
Potassium	39-2	14325327	14276970	14125205	14242501	0.73	cps
Rhodium	103-1	6101860	6153257	6231855	6162324	1.06	cps
Rhodium	103-2	2858492	2889183	2871456	2873044	0.54	cps
Scandium	45-1	4209573	4234052	4267962	4237196	0.69	cps
Scandium	45-2	210065	210112	208675	209618	0.39	cps
Selenium	77-2	113	120	100	111	9.17	cps
Selenium	78-2	413	463	413	430	6.72	cps
Selenium	82-1	2379	2259	2203	2281	3.94	cps
Silicon	28-1	762261	769347	776467	769358	0.92	cps
Silver	109-1	140620	140348	146495	142488	2.44	cps
Silver	107-1	149162	148413	149902	149159	0.50	cps
Sodium	23-2	26977378	26820816	26549907	26782700	0.81	cps
Strontium	86-1	188118	186061	185694	186625	0.70	cps
Strontium	88-1	1624838	1596094	1640206	1620379	1.38	cps
Sulfur	34-1	3780234	3804293	3221862	3602130	9.15	cps
Terbium	159-1	8393636	8273286	8558731	8408551	1.70	cps
Terbium	159-2	3894873	3936414	3914002	3915096	0.53	cps
Thallium	203-1	106802	108750	111574	109042	2.20	cps
Thallium	205-1	256644	257611	258285	257514	0.32	cps
Tin	118-1	313873	311386	316146	313801	0.76	cps
Titanium	47-1	1810251	1784883	1790365	1795166	0.74	cps
Uranium	238-1	1053321	1050615	1065924	1056620	0.77	cps
Vanadium	51-2	33471	33151	32900	33174	0.86	cps
Yttrium	89-1	7013733	7008295	7177386	7066471	1.36	cps
Yttrium	89-2	1044194	1048238	1048718	1047050	0.24	cps
Zinc	66-2	11545	11648	11728	11640	0.79	cps
Zirconium	90-1	682442	689210	696631	689428	1.03	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:20:27	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	152370	152540	154326	153079	0.71	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3151733	3160398	3162523	3158218	0.18	cps
Antimony	121-1	3447041	3474686	3465791	3462506	0.41	cps
Arsenic	75-2	144078	144895	144457	144477	0.28	cps
Barium	135-1	3556315	3571765	3595963	3574681	0.56	cps
Barium	137-1	6174489	6203154	6279689	6219111	0.87	cps
Beryllium	9-1	526810	537117	535969	533298	1.06	cps
Bismuth	209-1	4549044	4555068	4570090	4558067	0.24	cps
Bismuth	209-2	2724040	2745836	2770815	2746897	0.85	cps
Boron	10-1	72591	75992	76678	75087	2.91	cps
Boron	11-1	373404	378884	387113	379801	1.82	cps
Cadmium	111-1	798904	795367	803803	799358	0.53	cps
Cadmium	106-1	90639	90186	92325	91050	1.24	cps
Cadmium	108-1	58613	58541	59273	58809	0.69	cps
Calcium	43-1	4524349	4462597	4520492	4502479	0.77	cps
Calcium	44-1	71211064	71068416	72053516	71444332	0.75	cps
Chromium	52-2	1040058	1042559	1042781	1041800	0.15	cps
Cobalt	59-2	1617089	1618376	1612040	1615835	0.21	cps
Copper	63-2	2252186	2255542	2244359	2250695	0.25	cps
Dysprosium	156-1	100	83	183	122	43.83	cps
Dysprosium	156-2	43	50	40	44	11.46	cps
Erbium	164-1	92	75	33	67	45.07	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	117	150	125	131	13.29	cps
Gadolinium	160-2	73	93	83	83	12.00	cps
Holmium	165-1	7824380	8011834	7919284	7918499	1.18	cps
Holmium	165-2	3922521	3987247	3993746	3967838	0.99	cps
Indium	115-1	6351179	6429876	6390255	6390437	0.62	cps
Indium	115-2	1268262	1264777	1267477	1266838	0.14	cps
Iron	56-2	195759838	199626738	198083038	197823204	0.98	cps
Iron	57-2	5117165	5083934	5048271	5083123	0.68	cps
Lead	206-1	2130025	2131193	2117205	2126141	0.37	cps
Lead	207-1	1890176	1886555	1883433	1886721	0.18	cps
Lead	208-1	8470982	8438880	8447689	8452517	0.20	cps
Lithium	6-1	753471	768308	766945	762908	1.07	cps
Magnesium	24-2	36494208	36472167	36596236	36520871	0.18	cps
Manganese	55-2	1156841	1156812	1165314	1159655	0.42	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2983978	2970061	2985873	2979971	0.29	cps
Molybdenum	95-1	1609935	1594364	1607134	1603811	0.52	cps
Molybdenum	96-1	2036429	2064755	2074889	2058691	0.97	cps
Molybdenum	97-1	1006330	994892	1007716	1002979	0.70	cps
Molybdenum	98-1	2540110	2613446	2589275	2580944	1.45	cps
Neodymium	150-1	220	213	187	207	8.53	cps
Neodymium	150-2	47	13	40	33	52.92	cps
Nickel	60-2	427007	430086	428262	428451	0.36	cps
Phosphorus	31-2	44317	44301	44133	44250	0.23	cps
Potassium	39-2	18484769	18772571	18693668	18650336	0.80	cps
Rhodium	103-1	5973744	6002270	6044213	6006742	0.59	cps
Rhodium	103-2	2836094	2832277	2814863	2827745	0.40	cps
Scandium	45-1	4243381	4326816	4268912	4279703	1.00	cps
Scandium	45-2	216627	215872	217317	216605	0.33	cps
Selenium	77-2	2837	2700	2717	2751	2.71	cps
Selenium	78-2	9129	9296	9416	9280	1.55	cps
Selenium	82-1	55609	56081	56339	56010	0.66	cps
Silicon	28-1	2610421	2675444	2693108	2659658	1.64	cps
Silver	109-1	3561490	3538232	3553953	3551225	0.33	cps
Silver	107-1	3724931	3715013	3782098	3740681	0.97	cps
Sodium	23-2	69694674	68494937	69688429	69292680	1.00	cps
Strontium	86-1	1010463	1020664	1026475	1019201	0.80	cps
Strontium	88-1	8746486	8832824	8846978	8808763	0.62	cps
Sulfur	34-1	920339	946211	946331	937627	1.60	cps
Terbium	159-1	8244999	8304768	8244619	8264795	0.42	cps
Terbium	159-2	3945960	3950673	3946767	3947800	0.06	cps
Thallium	203-1	2555171	2566600	2569019	2563597	0.29	cps
Thallium	205-1	6114080	6054341	6136145	6101522	0.69	cps
Tin	118-1	2507122	2477382	2504489	2496331	0.66	cps
Titanium	47-1	461981	467712	469278	466323	0.82	cps
Uranium	238-1	8725844	8601040	8699312	8675399	0.76	cps
Vanadium	51-2	864297	868717	868461	867158	0.29	cps
Yttrium	89-1	6980923	7104589	7120708	7068740	1.08	cps
Yttrium	89-2	1053684	1066315	1070578	1063526	0.83	cps
Zinc	66-2	349687	351397	352467	351184	0.40	cps
Zirconium	90-1	5707800	5799289	5731354	5746148	0.83	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:23:54	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1267933	1278480	1277692	1274702	0.46	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:28:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	217	172	24.36	cps
Antimony	121-1	6210	6127	5751	6029	4.05	cps
Arsenic	75-2	28	22	33	28	20.00	cps
Barium	135-1	75	42	42	53	36.46	cps
Barium	137-1	133	183	108	142	26.96	cps
Beryllium	9-1	178	133	122	144	20.35	cps
Bismuth	209-1	4693443	4694824	4773565	4720611	0.97	cps
Bismuth	209-2	2858095	2884209	2865348	2869217	0.47	cps
Boron	10-1	917	817	1092	942	14.78	cps
Boron	11-1	5376	4751	4709	4945	7.55	cps
Cadmium	111-1	1674	1651	1378	1568	10.52	cps
Cadmium	106-1	2367	2342	1959	2222	10.30	cps
Cadmium	108-1	17	25	8	17	50.01	cps
Calcium	43-1	558	508	417	494	14.53	cps
Calcium	44-1	72553	72136	72118	72269	0.34	cps
Chromium	52-2	790	780	743	771	3.19	cps
Cobalt	59-2	40	40	73	51	37.65	cps
Copper	63-2	1470	1380	1417	1422	3.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	58	108	50	72	43.68	cps
Gadolinium	160-2	50	47	67	54	19.68	cps
Holmium	165-1	8063852	7828384	7949491	7947242	1.48	cps
Holmium	165-2	3871719	3929050	3901918	3900895	0.74	cps
Indium	115-1	6679518	6689631	6572390	6647180	0.98	cps
Indium	115-2	1292661	1298639	1300530	1297277	0.32	cps
Iron	56-2	8642	8970	8792	8801	1.87	cps
Iron	57-2	383	328	422	378	12.56	cps
Lead	206-1	972	833	800	869	10.52	cps
Lead	207-1	933	767	800	833	10.58	cps
Lead	208-1	3873	3361	3489	3574	7.44	cps
Lithium	6-1	781581	779852	769230	776888	0.86	cps
Magnesium	24-2	625	542	583	583	7.14	cps
Manganese	55-2	70	77	60	69	12.18	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:28:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	1300	1317	1217	13.07	cps
Molybdenum	95-1	1083	1058	958	1033	6.40	cps
Molybdenum	96-1	1192	1200	1000	1131	10.01	cps
Molybdenum	97-1	750	708	767	742	4.05	cps
Molybdenum	98-1	1709	1692	1533	1645	5.87	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	37	50	42	16.43	cps
Phosphorus	31-2	142	150	100	131	20.52	cps
Potassium	39-2	52703	52234	54099	53012	1.83	cps
Rhodium	103-1	6383075	6411261	6287481	6360606	1.02	cps
Rhodium	103-2	2937729	2974279	2978414	2963474	0.76	cps
Scandium	45-1	4225955	4221487	4227233	4224892	0.07	cps
Scandium	45-2	208157	207303	209193	208218	0.45	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	74	69	85	76	11.18	cps
Selenium	82-1	130	212	54	132	59.94	cps
Silicon	28-1	395407	394776	394114	394766	0.16	cps
Silver	109-1	275	283	300	286	4.45	cps
Silver	107-1	283	358	275	306	15.02	cps
Sodium	23-2	53965	53688	52568	53407	1.39	cps
Strontium	86-1	742	725	792	753	4.61	cps
Strontium	88-1	233	292	217	247	15.93	cps
Sulfur	34-1	607968	606858	605228	606684	0.23	cps
Terbium	159-1	8367663	8171587	8195937	8245062	1.30	cps
Terbium	159-2	3859795	3908921	3909854	3892857	0.74	cps
Thallium	203-1	683	450	500	544	22.57	cps
Thallium	205-1	1300	1542	1217	1353	12.48	cps
Tin	118-1	1467	1467	1400	1445	2.67	cps
Titanium	47-1	133	200	133	156	24.74	cps
Uranium	238-1	208	183	133	175	21.82	cps
Vanadium	51-2	30	10	3	14	96.09	cps
Yttrium	89-1	7039776	6997317	6935996	6991030	0.75	cps
Yttrium	89-2	1037829	1049532	1053751	1047037	0.79	cps
Zinc	66-2	253	173	237	221	19.09	cps
Zirconium	90-1	1709	1700	1442	1617	9.38	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:28:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	350	408	344	19.41	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1175	1317	1311	10.18	cps
Antimony	121-1	15384	14842	14959	15061	1.90	cps
Arsenic	75-2	304	244	307	285	12.39	cps
Barium	135-1	12990	13607	13098	13232	2.49	cps
Barium	137-1	22569	22978	22119	22555	1.91	cps
Beryllium	9-1	1011	1117	911	1013	10.15	cps
Bismuth	209-1	4804162	4703378	4701358	4736300	1.24	cps
Bismuth	209-2	2856650	2896085	2863940	2872225	0.73	cps
Boron	10-1	3459	3759	4184	3801	9.59	cps
Boron	11-1	18637	19438	19889	19321	3.28	cps
Cadmium	111-1	3039	3304	3272	3205	4.51	cps
Cadmium	106-1	2425	2709	2634	2589	5.67	cps
Cadmium	108-1	96	108	163	122	28.99	cps
Calcium	43-1	8361	8261	8745	8456	3.02	cps
Calcium	44-1	200970	200677	201325	200991	0.16	cps
Chromium	52-2	4881	5064	5011	4985	1.89	cps
Cobalt	59-2	3157	3237	3080	3158	2.48	cps
Copper	63-2	5481	6038	5805	5775	4.84	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	50	50	83	61	31.50	cps
Gadolinium	160-2	53	37	47	46	18.41	cps
Holmium	165-1	8046703	8009931	7998714	8018449	0.31	cps
Holmium	165-2	3895114	3939049	3937744	3923969	0.64	cps
Indium	115-1	6676489	6652996	6600256	6643247	0.59	cps
Indium	115-2	1295329	1298749	1298226	1297435	0.14	cps
Iron	56-2	86521	86218	87370	86703	0.69	cps
Iron	57-2	2523	2511	2200	2411	7.59	cps
Lead	206-1	4918	4745	4707	4790	2.35	cps
Lead	207-1	4456	4067	4245	4256	4.58	cps
Lead	208-1	19762	19017	19662	19480	2.08	cps
Lithium	6-1	768703	785087	771779	775190	1.12	cps
Magnesium	24-2	66573	66248	68549	67123	1.86	cps
Manganese	55-2	1060	1177	1230	1156	7.52	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12372	13482	13223	13026	4.46	cps
Molybdenum	95-1	14783	14374	15159	14772	2.66	cps
Molybdenum	96-1	16302	16201	16101	16201	0.62	cps
Molybdenum	97-1	10096	9095	9278	9490	5.61	cps
Molybdenum	98-1	23904	23787	24605	24099	1.84	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	950	983	903	946	4.25	cps
Phosphorus	31-2	225	175	100	167	37.75	cps
Potassium	39-2	118975	115193	119326	117831	1.94	cps
Rhodium	103-1	6540390	6438850	6388235	6455825	1.20	cps
Rhodium	103-2	2942094	2976404	2968995	2962498	0.61	cps
Scandium	45-1	4305665	4251149	4275881	4277565	0.64	cps
Scandium	45-2	207273	208529	210177	208660	0.70	cps
Selenium	77-2	30	10	33	24	51.62	cps
Selenium	78-2	159	161	144	155	5.89	cps
Selenium	82-1	715	677	728	707	3.76	cps
Silicon	28-1	446807	444362	448488	446552	0.46	cps
Silver	109-1	7094	6827	6985	6969	1.93	cps
Silver	107-1	7669	7377	8269	7772	5.85	cps
Sodium	23-2	177986	176292	174858	176379	0.89	cps
Strontium	86-1	2584	2284	2384	2417	6.32	cps
Strontium	88-1	16135	15926	15676	15912	1.44	cps
Sulfur	34-1	600743	603566	600232	601513	0.30	cps
Terbium	159-1	8238039	8345558	8224992	8269530	0.80	cps
Terbium	159-2	3879216	3880461	3914286	3891321	0.51	cps
Thallium	203-1	5201	5610	5326	5379	3.89	cps
Thallium	205-1	12031	12014	12523	12189	2.37	cps
Tin	118-1	22903	23270	22894	23022	0.93	cps
Titanium	47-1	4342	4326	4334	4334	0.19	cps
Uranium	238-1	15735	15427	15627	15596	1.00	cps
Vanadium	51-2	7449	7409	7465	7441	0.39	cps
Yttrium	89-1	7094727	7104504	7041829	7080353	0.48	cps
Yttrium	89-2	1045969	1051640	1046359	1047989	0.30	cps
Zinc	66-2	1103	1070	1047	1073	2.65	cps
Zirconium	90-1	13157	12548	11939	12548	4.85	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:32:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2767	2650	2642	2686	2.60	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	400	292	369	18.37	cps
Antimony	121-1	6543	6318	6877	6580	4.27	cps
Arsenic	75-2	3776	3658	3613	3683	2.29	cps
Barium	135-1	106508	105322	104852	105561	0.81	cps
Barium	137-1	185693	184326	185558	185192	0.41	cps
Beryllium	9-1	89	67	100	85	19.92	cps
Bismuth	209-1	4869934	4937698	4848179	4885271	0.96	cps
Bismuth	209-2	2804682	2855231	2840577	2833496	0.92	cps
Boron	10-1	51798	52458	51631	51962	0.84	cps
Boron	11-1	264830	268471	267548	266949	0.71	cps
Cadmium	111-1	1874	1841	1688	1801	5.51	cps
Cadmium	106-1	2575	2492	2334	2467	4.98	cps
Cadmium	108-1	17	29	29	25	28.86	cps
Calcium	43-1	2119950	2069795	2066717	2085487	1.43	cps
Calcium	44-1	34047257	33878776	33989240	33971758	0.25	cps
Chromium	52-2	2757	2837	2937	2844	3.17	cps
Cobalt	59-2	697	740	740	726	3.45	cps
Copper	63-2	6455	6472	6625	6517	1.44	cps
Dysprosium	156-1	175	317	175	222	36.81	cps
Dysprosium	156-2	127	90	97	104	18.70	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	300	300	325	308	4.68	cps
Gadolinium	160-2	200	177	147	174	15.33	cps
Holmium	165-1	8552969	8420681	8565057	8512902	0.94	cps
Holmium	165-2	3992086	4003153	4063786	4019675	0.96	cps
Indium	115-1	6967760	7068528	7039324	7025204	0.74	cps
Indium	115-2	1318843	1322941	1322615	1321466	0.17	cps
Iron	56-2	29786	29414	30148	29783	1.23	cps
Iron	57-2	4907	4295	4873	4692	7.33	cps
Lead	206-1	2356	2167	2095	2206	6.11	cps
Lead	207-1	1928	1745	1645	1772	8.11	cps
Lead	208-1	8963	8863	8351	8726	3.76	cps
Lithium	6-1	762139	764958	766023	764373	0.26	cps
Magnesium	24-2	9410227	9558966	9414554	9461249	0.89	cps
Manganese	55-2	28017	27503	27526	27682	1.05	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22218	20708	21609	21512	3.53	cps
Molybdenum	95-1	34785	35746	35253	35261	1.36	cps
Molybdenum	96-1	38152	39138	38277	38523	1.39	cps
Molybdenum	97-1	22610	22368	21233	22071	3.33	cps
Molybdenum	98-1	56295	57199	56764	56753	0.80	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1340	1327	1337	1335	0.52	cps
Phosphorus	31-2	992	1025	1075	1031	4.07	cps
Potassium	39-2	2822857	2804902	2814782	2814180	0.32	cps
Rhodium	103-1	6553059	6444198	6511801	6503019	0.85	cps
Rhodium	103-2	2936518	2932560	2961026	2943368	0.52	cps
Scandium	45-1	4606011	4510512	4475834	4530786	1.49	cps
Scandium	45-2	222158	218103	218227	219496	1.05	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	137	146	131	138	5.41	cps
Selenium	82-1	325	445	347	372	17.18	cps
Silicon	28-1	43431398	43225976	42492663	43050012	1.15	cps
Silver	109-1	16060	17078	16852	16663	3.21	cps
Silver	107-1	17003	18029	17878	17637	3.14	cps
Sodium	23-2	62376114	62087064	62023731	62162303	0.30	cps
Strontium	86-1	2445842	2410830	2434188	2430287	0.73	cps
Strontium	88-1	21740616	21396534	21759752	21632301	0.94	cps
Sulfur	34-1	3596830	3619403	3602309	3606181	0.33	cps
Terbium	159-1	9055586	8815742	8886002	8919110	1.38	cps
Terbium	159-2	3962498	4002684	4008163	3991115	0.62	cps
Thallium	203-1	1025	817	683	842	20.46	cps
Thallium	205-1	2475	1909	1667	2017	20.58	cps
Tin	118-1	1142	1167	1208	1172	2.87	cps
Titanium	47-1	875	867	983	908	7.17	cps
Uranium	238-1	171471	174897	173420	173263	0.99	cps
Vanadium	51-2	9436	9863	9790	9697	2.35	cps
Yttrium	89-1	7532419	7489119	7612793	7544777	0.83	cps
Yttrium	89-2	1089746	1080667	1088804	1086406	0.46	cps
Zinc	66-2	5604	5595	5811	5670	2.16	cps
Zirconium	90-1	4418	4317	3942	4226	5.93	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:35:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	967	825	972	15.44	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1717	1592	1925	1745	9.65	cps
Antimony	121-1	3467	3392	3692	3517	4.44	cps
Arsenic	75-2	141	144	180	155	13.85	cps
Barium	135-1	43243	43770	43528	43514	0.61	cps
Barium	137-1	78656	77475	76352	77494	1.49	cps
Beryllium	9-1	56	56	111	74	43.30	cps
Bismuth	209-1	5057521	5048545	5106617	5070894	0.62	cps
Bismuth	209-2	2869337	2862490	2904045	2878624	0.77	cps
Boron	10-1	1834	1850	1825	1836	0.69	cps
Boron	11-1	9437	9345	8494	9092	5.71	cps
Cadmium	111-1	2265	2095	2135	2165	4.11	cps
Cadmium	106-1	2575	2442	2534	2517	2.71	cps
Cadmium	108-1	42	50	38	43	14.78	cps
Calcium	43-1	3868853	3909720	3896211	3891595	0.54	cps
Calcium	44-1	63467245	63704351	63515712	63562436	0.20	cps
Chromium	52-2	1043	1143	1133	1107	4.98	cps
Cobalt	59-2	1440	1443	1460	1448	0.74	cps
Copper	63-2	5078	5134	5054	5089	0.81	cps
Dysprosium	156-1	33	58	67	53	32.88	cps
Dysprosium	156-2	20	17	27	21	24.12	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	43	17	47	36	46.24	cps
Gadolinium	160-1	58	83	142	94	45.27	cps
Gadolinium	160-2	70	63	97	77	23.01	cps
Holmium	165-1	8755463	8728555	8685763	8723261	0.40	cps
Holmium	165-2	4042665	3994370	4039665	4025567	0.67	cps
Indium	115-1	7274855	7219871	7254543	7249756	0.38	cps
Indium	115-2	1327468	1316878	1334272	1326206	0.66	cps
Iron	56-2	209592	207120	211689	209467	1.09	cps
Iron	57-2	12333	12367	12628	12443	1.30	cps
Lead	206-1	6780	6791	6963	6845	1.50	cps
Lead	207-1	6563	6368	6268	6400	2.34	cps
Lead	208-1	27929	27845	27951	27908	0.20	cps
Lithium	6-1	754570	747750	754433	752251	0.52	cps
Magnesium	24-2	5827324	5791041	5707831	5775399	1.06	cps
Manganese	55-2	111113	111388	112254	111585	0.53	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1150	992	1250	1131	11.52	cps
Molybdenum	95-1	1008	858	908	925	8.26	cps
Molybdenum	96-1	1075	983	1233	1097	11.53	cps
Molybdenum	97-1	600	500	525	542	9.61	cps
Molybdenum	98-1	1533	1550	1267	1450	10.97	cps
Neodymium	150-1	13	33	47	31	53.94	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	773	763	743	760	2.01	cps
Phosphorus	31-2	100	133	58	97	38.65	cps
Potassium	39-2	1028519	1024488	1020272	1024426	0.40	cps
Rhodium	103-1	6920836	6863793	6689959	6824863	1.76	cps
Rhodium	103-2	3025010	2973678	3024551	3007746	0.98	cps
Scandium	45-1	4608109	4574674	4577804	4586862	0.40	cps
Scandium	45-2	216174	214017	216814	215668	0.68	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	67	61	85	71	17.76	cps
Selenium	82-1	85	38	90	71	40.47	cps
Silicon	28-1	24736076	24702146	24830408	24756210	0.27	cps
Silver	109-1	17245	17553	17486	17428	0.93	cps
Silver	107-1	18721	18671	18338	18577	1.12	cps
Sodium	23-2	1128464	1111194	1118705	1119454	0.77	cps
Strontium	86-1	821377	825310	818553	821747	0.41	cps
Strontium	88-1	7220323	7334769	7267288	7274127	0.79	cps
Sulfur	34-1	5637452	5570667	5509188	5572436	1.15	cps
Terbium	159-1	8979904	9097223	9052159	9043095	0.65	cps
Terbium	159-2	4013671	3956712	4070394	4013592	1.42	cps
Thallium	203-1	158	192	142	164	15.54	cps
Thallium	205-1	583	500	417	500	16.67	cps
Tin	118-1	950	925	842	906	6.26	cps
Titanium	47-1	1175	1083	1100	1120	4.36	cps
Uranium	238-1	11781	10930	11714	11475	4.12	cps
Vanadium	51-2	260	243	283	262	7.66	cps
Yttrium	89-1	7668904	7739693	7656964	7688520	0.58	cps
Yttrium	89-2	1082684	1068032	1080804	1077173	0.74	cps
Zinc	66-2	17808	17624	17981	17804	1.00	cps
Zirconium	90-1	1784	1875	2275	1978	13.22	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03A	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:39:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	417	408	442	11.48	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	700	758	733	4.10	cps
Antimony	121-1	1700	1867	1725	1764	5.10	cps
Arsenic	75-2	154	181	204	180	13.95	cps
Barium	135-1	32013	31144	31771	31643	1.42	cps
Barium	137-1	54684	53746	54273	54234	0.87	cps
Beryllium	9-1	56	56	39	50	19.25	cps
Bismuth	209-1	4854641	4708961	4737519	4767041	1.62	cps
Bismuth	209-2	2726358	2748160	2760251	2744923	0.63	cps
Boron	10-1	64722	66330	67091	66048	1.83	cps
Boron	11-1	334475	331099	340301	335292	1.39	cps
Cadmium	111-1	1822	1803	1674	1766	4.58	cps
Cadmium	106-1	2559	2500	2375	2478	3.78	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	3727041	3729224	3700330	3718865	0.43	cps
Calcium	44-1	60902595	60520010	60644333	60688979	0.32	cps
Chromium	52-2	3047	3300	3294	3214	4.49	cps
Cobalt	59-2	333	333	370	346	6.13	cps
Copper	63-2	3827	3741	3917	3828	2.31	cps
Dysprosium	156-1	92	33	33	53	63.82	cps
Dysprosium	156-2	30	17	13	20	44.10	cps
Erbium	164-1	142	142	125	136	7.07	cps
Erbium	164-2	23	50	37	37	36.37	cps
Gadolinium	160-1	108	58	92	86	29.56	cps
Gadolinium	160-2	73	93	73	80	14.44	cps
Holmium	165-1	8603625	8598816	8448025	8550156	1.03	cps
Holmium	165-2	3928772	3961646	3963015	3951144	0.49	cps
Indium	115-1	6910806	6952017	6864078	6908967	0.64	cps
Indium	115-2	1266982	1257276	1268161	1264140	0.47	cps
Iron	56-2	39559	40343	40446	40116	1.21	cps
Iron	57-2	7730	7991	7964	7895	1.82	cps
Lead	206-1	1189	1245	1367	1267	7.18	cps
Lead	207-1	1039	911	995	982	6.61	cps
Lead	208-1	4901	4700	4806	4802	2.08	cps
Lithium	6-1	735913	729830	732720	732821	0.42	cps
Magnesium	24-2	11204063	11202453	11164708	11190408	0.20	cps
Manganese	55-2	4771	4567	4677	4672	2.18	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2700	3209	3017	2975	8.63	cps
Molybdenum	95-1	3534	3284	3567	3462	4.47	cps
Molybdenum	96-1	3351	3917	3892	3720	8.61	cps
Molybdenum	97-1	2150	2109	2142	2134	1.03	cps
Molybdenum	98-1	5426	5360	5285	5357	1.32	cps
Neodymium	150-1	107	120	93	107	12.50	cps
Neodymium	150-2	37	43	33	38	13.48	cps
Nickel	60-2	1980	2004	1837	1940	4.65	cps
Phosphorus	31-2	167	142	158	156	8.18	cps
Potassium	39-2	1077678	1075758	1086395	1079944	0.52	cps
Rhodium	103-1	6425410	6422931	6365955	6404765	0.53	cps
Rhodium	103-2	2879233	2870864	2877353	2875817	0.15	cps
Scandium	45-1	4422168	4384343	4377632	4394714	0.55	cps
Scandium	45-2	206127	205831	207807	206588	0.52	cps
Selenium	77-2	43	37	20	33	36.05	cps
Selenium	78-2	191	209	176	192	8.70	cps
Selenium	82-1	837	833	786	819	3.51	cps
Silicon	28-1	34945482	34723736	34734795	34801338	0.36	cps
Silver	109-1	17053	16235	15901	16396	3.61	cps
Silver	107-1	17386	16710	16827	16975	2.13	cps
Sodium	23-2	50821881	50341825	50639819	50601175	0.48	cps
Strontium	86-1	1714462	1704305	1696832	1705200	0.52	cps
Strontium	88-1	15313995	15071466	15043406	15142956	0.98	cps
Sulfur	34-1	5058648	4984486	5048663	5030599	0.80	cps
Terbium	159-1	8973885	8824100	8840204	8879396	0.93	cps
Terbium	159-2	3882153	3897295	3961687	3913712	1.08	cps
Thallium	203-1	117	75	133	108	27.74	cps
Thallium	205-1	333	358	275	322	13.27	cps
Tin	118-1	1000	867	925	931	7.18	cps
Titanium	47-1	1142	1008	933	1028	10.27	cps
Uranium	238-1	1061071	1048512	1047903	1052495	0.71	cps
Vanadium	51-2	1547	1680	1517	1581	5.50	cps
Yttrium	89-1	7449523	7372119	7354807	7392150	0.68	cps
Yttrium	89-2	1038687	1041613	1046198	1042166	0.36	cps
Zinc	66-2	5291	4954	5388	5211	4.37	cps
Zirconium	90-1	2967	2725	2817	2837	4.30	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:42:30	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	725	683	683	6.10	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	183	267	231	18.55	cps
Antimony	121-1	2650	2667	2584	2634	1.67	cps
Arsenic	75-2	1685	1767	1661	1704	3.25	cps
Barium	135-1	51128	50928	51454	51170	0.52	cps
Barium	137-1	88725	88399	89413	88846	0.58	cps
Beryllium	9-1	44	11	44	33	57.74	cps
Bismuth	209-1	4761515	4842314	4752023	4785284	1.04	cps
Bismuth	209-2	2754243	2741442	2784255	2759980	0.80	cps
Boron	10-1	26031	26624	26533	26396	1.21	cps
Boron	11-1	132442	133932	134897	133757	0.92	cps
Cadmium	111-1	1791	1632	1764	1729	4.92	cps
Cadmium	106-1	2542	2267	2459	2423	5.82	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	987587	987592	1000140	991773	0.73	cps
Calcium	44-1	15810555	15863476	15966594	15880209	0.50	cps
Chromium	52-2	1597	1753	1820	1723	6.65	cps
Cobalt	59-2	323	363	457	381	17.95	cps
Copper	63-2	4497	4611	4501	4536	1.42	cps
Dysprosium	156-1	125	125	125	125	0.00	cps
Dysprosium	156-2	63	70	67	67	5.00	cps
Erbium	164-1	8	50	50	36	66.62	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	158	167	158	161	2.98	cps
Gadolinium	160-2	130	120	143	131	8.93	cps
Holmium	165-1	8187028	8202301	8327965	8239098	0.94	cps
Holmium	165-2	3855998	3855100	3857517	3856205	0.03	cps
Indium	115-1	6662966	6667767	6728284	6686339	0.54	cps
Indium	115-2	1228700	1242344	1234779	1235274	0.55	cps
Iron	56-2	15091	15542	15692	15442	2.02	cps
Iron	57-2	2361	2372	2445	2393	1.89	cps
Lead	206-1	1222	1250	1211	1228	1.63	cps
Lead	207-1	1133	967	1045	1048	7.96	cps
Lead	208-1	5012	4989	5006	5002	0.23	cps
Lithium	6-1	733566	738579	740704	737616	0.50	cps
Magnesium	24-2	4377407	4343499	4364275	4361727	0.39	cps
Manganese	55-2	12592	12976	13139	12902	2.18	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10287	10538	9720	10182	4.11	cps
Molybdenum	95-1	16769	16894	17486	17050	2.25	cps
Molybdenum	96-1	18012	18346	18671	18343	1.80	cps
Molybdenum	97-1	10930	9645	10129	10235	6.34	cps
Molybdenum	98-1	27060	26985	27836	27294	1.73	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	607	677	613	632	6.11	cps
Phosphorus	31-2	508	583	492	528	9.25	cps
Potassium	39-2	1288119	1295036	1304060	1295738	0.62	cps
Rhodium	103-1	6276189	6313055	6328209	6305818	0.42	cps
Rhodium	103-2	2804428	2842607	2845284	2830773	0.81	cps
Scandium	45-1	4156399	4236122	4246665	4213062	1.17	cps
Scandium	45-2	197611	200363	201730	199901	1.05	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	93	98	57	83	26.71	cps
Selenium	82-1	132	179	218	177	24.36	cps
Silicon	28-1	19863415	20033536	20122236	20006396	0.66	cps
Silver	109-1	8219	8736	9162	8706	5.42	cps
Silver	107-1	8978	8928	8870	8925	0.61	cps
Sodium	23-2	28712128	28518440	28499776	28576781	0.41	cps
Strontium	86-1	1153214	1144834	1159477	1152508	0.64	cps
Strontium	88-1	10284768	10254121	10180556	10239815	0.52	cps
Sulfur	34-1	2268099	2270937	2276966	2272000	0.20	cps
Terbium	159-1	8579134	8589979	8447697	8538937	0.93	cps
Terbium	159-2	3827425	3790438	3824203	3814022	0.54	cps
Thallium	203-1	167	142	192	167	15.00	cps
Thallium	205-1	475	400	400	425	10.19	cps
Tin	118-1	875	858	817	850	3.53	cps
Titanium	47-1	542	617	592	583	6.55	cps
Uranium	238-1	86918	88101	84484	86501	2.13	cps
Vanadium	51-2	4541	4504	4394	4480	1.70	cps
Yttrium	89-1	7063823	7045654	7151287	7086921	0.80	cps
Yttrium	89-2	1000617	1002693	1007247	1003519	0.34	cps
Zinc	66-2	3050	2874	3060	2995	3.51	cps
Zirconium	90-1	1342	1367	1167	1292	8.44	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5689-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AZ1A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:45:57	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	225	325	272	18.45	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	917	842	803	17.13	cps
Antimony	121-1	1675	1784	1909	1789	6.53	cps
Arsenic	75-2	96	89	78	88	10.63	cps
Barium	135-1	20967	21034	20975	20992	0.17	cps
Barium	137-1	36683	36407	37644	36911	1.76	cps
Beryllium	9-1	61	89	67	72	20.35	cps
Bismuth	209-1	4888513	4948772	4906030	4914438	0.63	cps
Bismuth	209-2	2792039	2808967	2812641	2804549	0.39	cps
Boron	10-1	1709	1675	1650	1678	1.74	cps
Boron	11-1	8436	8036	8511	8328	3.07	cps
Cadmium	111-1	1930	1887	1847	1888	2.19	cps
Cadmium	106-1	2542	2384	2409	2445	3.48	cps
Cadmium	108-1	29	21	38	29	28.58	cps
Calcium	43-1	1856330	1852242	1847706	1852093	0.23	cps
Calcium	44-1	29808023	29797680	29914584	29840095	0.22	cps
Chromium	52-2	920	1017	1037	991	6.29	cps
Cobalt	59-2	667	717	647	677	5.33	cps
Copper	63-2	3624	3647	3701	3657	1.07	cps
Dysprosium	156-1	58	17	58	44	54.12	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	100	33	50	61	56.78	cps
Erbium	164-2	0	20	7	9	114.55	cps
Gadolinium	160-1	75	58	108	81	31.60	cps
Gadolinium	160-2	73	63	60	66	10.58	cps
Holmium	165-1	8443378	8220892	8287084	8317118	1.37	cps
Holmium	165-2	3818309	3883435	3908943	3870229	1.21	cps
Indium	115-1	6844748	6696696	6718254	6753233	1.18	cps
Indium	115-2	1239738	1247883	1241953	1243192	0.34	cps
Iron	56-2	101795	100849	101538	101394	0.48	cps
Iron	57-2	5824	5946	6107	5959	2.39	cps
Lead	206-1	3701	3545	3767	3671	3.11	cps
Lead	207-1	3478	3489	3451	3473	0.58	cps
Lead	208-1	14993	14859	15070	14974	0.71	cps
Lithium	6-1	735251	736471	735440	735721	0.09	cps
Magnesium	24-2	2693557	2678697	2713646	2695300	0.65	cps
Manganese	55-2	52671	52229	52326	52409	0.44	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	658	642	656	1.94	cps
Molybdenum	95-1	525	417	475	472	11.48	cps
Molybdenum	96-1	667	625	650	647	3.24	cps
Molybdenum	97-1	258	408	375	347	22.68	cps
Molybdenum	98-1	733	717	700	717	2.33	cps
Neodymium	150-1	40	60	40	47	24.74	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	493	447	520	487	7.63	cps
Phosphorus	31-2	50	108	75	78	37.63	cps
Potassium	39-2	491048	494740	497555	494448	0.66	cps
Rhodium	103-1	6486069	6443447	6471117	6466878	0.33	cps
Rhodium	103-2	2890032	2915367	2905009	2903469	0.44	cps
Scandium	45-1	4265781	4298199	4322923	4295634	0.67	cps
Scandium	45-2	198911	201244	198412	199522	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	76	74	72	8.31	cps
Selenium	82-1	65	39	54	52	24.74	cps
Silicon	28-1	11858995	11715927	11754832	11776584	0.63	cps
Silver	109-1	8595	8886	8645	8709	1.79	cps
Silver	107-1	8912	8995	8962	8956	0.47	cps
Sodium	23-2	542417	546361	540162	542980	0.58	cps
Strontium	86-1	387014	391817	390958	389930	0.66	cps
Strontium	88-1	3368756	3356350	3392385	3372497	0.54	cps
Sulfur	34-1	3448974	3419090	3440669	3436245	0.45	cps
Terbium	159-1	8678304	8621211	8658150	8652555	0.33	cps
Terbium	159-2	3806902	3849879	3890586	3849122	1.09	cps
Thallium	203-1	117	50	83	83	40.00	cps
Thallium	205-1	150	208	308	222	36.03	cps
Tin	118-1	600	525	733	619	17.04	cps
Titanium	47-1	617	625	650	631	2.75	cps
Uranium	238-1	5735	5818	5843	5799	0.98	cps
Vanadium	51-2	130	123	187	147	23.73	cps
Yttrium	89-1	7197096	7244534	7219982	7220537	0.33	cps
Yttrium	89-2	1007756	1002078	1006237	1005357	0.29	cps
Zinc	66-2	8599	8749	8960	8769	2.06	cps
Zirconium	90-1	1117	1108	1183	1136	3.62	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5743-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MJJ4N4A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:49:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	217	117	169	29.65	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	475	433	461	5.22	cps
Antimony	121-1	792	808	850	817	3.68	cps
Arsenic	75-2	78	91	87	85	7.84	cps
Barium	135-1	15000	15676	14675	15117	3.38	cps
Barium	137-1	27378	26735	26969	27027	1.20	cps
Beryllium	9-1	39	94	33	56	60.83	cps
Bismuth	209-1	4783890	4832256	4758884	4791676	0.78	cps
Bismuth	209-2	2723097	2744149	2776645	2747964	0.98	cps
Boron	10-1	32611	32528	32711	32617	0.28	cps
Boron	11-1	165286	171092	169003	168460	1.75	cps
Cadmium	111-1	1715	1798	1726	1746	2.57	cps
Cadmium	106-1	2459	2559	2450	2489	2.42	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1810328	1829966	1810365	1816886	0.62	cps
Calcium	44-1	29355229	29576157	29206420	29379269	0.63	cps
Chromium	52-2	1917	1943	1917	1926	0.80	cps
Cobalt	59-2	163	193	223	193	15.52	cps
Copper	63-2	3007	3017	3004	3009	0.23	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	10	37	30	26	54.31	cps
Gadolinium	160-1	50	75	125	83	45.83	cps
Gadolinium	160-2	43	40	70	51	32.17	cps
Holmium	165-1	8283933	8215952	8281201	8260362	0.47	cps
Holmium	165-2	3821977	3853449	3900571	3858666	1.03	cps
Indium	115-1	6683263	6775537	6700954	6719918	0.73	cps
Indium	115-2	1220668	1231934	1239281	1230628	0.76	cps
Iron	56-2	21894	21143	22240	21759	2.58	cps
Iron	57-2	3862	3778	3956	3865	2.30	cps
Lead	206-1	1028	861	872	920	10.13	cps
Lead	207-1	778	706	800	761	6.49	cps
Lead	208-1	3689	3311	3473	3491	5.43	cps
Lithium	6-1	732616	730912	731981	731836	0.12	cps
Magnesium	24-2	5399981	5375242	5467770	5414331	0.88	cps
Manganese	55-2	2200	2350	2277	2276	3.30	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1425	1458	1558	1481	4.69	cps
Molybdenum	95-1	1633	1650	1725	1670	2.92	cps
Molybdenum	96-1	2009	1884	1975	1956	3.31	cps
Molybdenum	97-1	1292	1100	1133	1175	8.72	cps
Molybdenum	98-1	2575	2550	2959	2695	8.49	cps
Neodymium	150-1	47	67	47	53	21.65	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	993	930	907	943	4.75	cps
Phosphorus	31-2	108	150	175	144	23.32	cps
Potassium	39-2	549401	545742	554076	549740	0.76	cps
Rhodium	103-1	6396886	6439639	6359522	6398682	0.63	cps
Rhodium	103-2	2836721	2845926	2870515	2851054	0.61	cps
Scandium	45-1	4251711	4291428	4246951	4263363	0.57	cps
Scandium	45-2	197698	198637	201392	199242	0.96	cps
Selenium	77-2	30	13	10	18	60.28	cps
Selenium	78-2	109	139	126	125	11.91	cps
Selenium	82-1	439	460	403	434	6.64	cps
Silicon	28-1	17282495	17236415	16967607	17162172	0.99	cps
Silver	109-1	8061	8495	8144	8233	2.79	cps
Silver	107-1	8411	8987	8895	8764	3.53	cps
Sodium	23-2	24497155	24302905	24556406	24452155	0.54	cps
Strontium	86-1	833691	834886	837676	835418	0.24	cps
Strontium	88-1	7302278	7367987	7414792	7361686	0.77	cps
Sulfur	34-1	3259708	3290706	3256229	3268881	0.58	cps
Terbium	159-1	8435635	8592086	8575361	8534361	1.01	cps
Terbium	159-2	3793323	3840664	3907643	3847210	1.49	cps
Thallium	203-1	75	58	50	61	20.83	cps
Thallium	205-1	167	217	142	175	21.82	cps
Tin	118-1	633	833	825	764	14.81	cps
Titanium	47-1	517	567	575	553	5.71	cps
Uranium	238-1	523276	524418	514741	520812	1.02	cps
Vanadium	51-2	857	797	697	783	10.32	cps
Yttrium	89-1	7112586	7195454	7134189	7147410	0.60	cps
Yttrium	89-2	1000687	1002416	1010500	1004534	0.52	cps
Zinc	66-2	2810	2730	2734	2758	1.64	cps
Zirconium	90-1	1508	1625	1642	1592	4.56	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	I5692-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AX7A	Dilution Factor :	2
Date & Time Acquired ::	2017-10-18 14:52:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	408	317	331	21.74	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2972015	3030819	2998975	3000603	0.98	cps
Antimony	121-1	3420263	3398811	3425121	3414732	0.41	cps
Arsenic	75-2	138650	138586	138934	138723	0.13	cps
Barium	135-1	3546011	3497337	3548447	3530599	0.82	cps
Barium	137-1	6283164	6115399	6257473	6218679	1.45	cps
Beryllium	9-1	511017	512868	509354	511080	0.34	cps
Bismuth	209-1	4645996	4546133	4579253	4590460	1.11	cps
Bismuth	209-2	2675616	2692347	2696293	2688085	0.41	cps
Boron	10-1	72215	72491	74550	73085	1.75	cps
Boron	11-1	366962	368035	368855	367951	0.26	cps
Cadmium	111-1	799133	782450	785984	789189	1.11	cps
Cadmium	106-1	90623	89424	89154	89734	0.87	cps
Cadmium	108-1	57906	57073	58596	57858	1.32	cps
Calcium	43-1	4668104	4607702	4662886	4646231	0.72	cps
Calcium	44-1	73282422	72869197	73899760	73350460	0.71	cps
Chromium	52-2	995008	1015229	1011548	1007262	1.07	cps
Cobalt	59-2	1560878	1566965	1574482	1567442	0.43	cps
Copper	63-2	2195668	2186200	2189307	2190392	0.22	cps
Dysprosium	156-1	67	133	92	97	34.64	cps
Dysprosium	156-2	37	40	50	42	16.43	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	20	37	10	22	60.63	cps
Gadolinium	160-1	142	83	142	122	27.55	cps
Gadolinium	160-2	67	40	80	62	32.73	cps
Holmium	165-1	7993139	7867757	8033461	7964785	1.08	cps
Holmium	165-2	3865305	3886287	3892790	3881460	0.37	cps
Indium	115-1	6365538	6287101	6383781	6345474	0.81	cps
Indium	115-2	1205471	1221460	1231801	1219577	1.09	cps
Iron	56-2	190859104	190750965	191800504	191136858	0.30	cps
Iron	57-2	4914918	4943714	4879913	4912848	0.65	cps
Lead	206-1	2144815	2114909	2137327	2132351	0.73	cps
Lead	207-1	1900688	1891226	1898061	1896658	0.26	cps
Lead	208-1	8555921	8440102	8488146	8494723	0.69	cps
Lithium	6-1	722812	734694	733174	730227	0.89	cps
Magnesium	24-2	34890457	35475701	35293984	35220047	0.85	cps
Manganese	55-2	1110859	1116051	1111808	1112906	0.25	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2908709	2932628	2924607	2921981	0.42	cps
Molybdenum	95-1	1575084	1586543	1568481	1576703	0.58	cps
Molybdenum	96-1	2006881	2016874	2023238	2015665	0.41	cps
Molybdenum	97-1	980857	979135	984581	981524	0.28	cps
Molybdenum	98-1	2541102	2523801	2527381	2530761	0.36	cps
Neodymium	150-1	240	193	260	231	14.80	cps
Neodymium	150-2	30	43	43	39	19.79	cps
Nickel	60-2	417600	412017	415408	415008	0.68	cps
Phosphorus	31-2	41366	42077	41300	41581	1.04	cps
Potassium	39-2	17729345	17914570	17872836	17838917	0.54	cps
Rhodium	103-1	5890376	5883720	5958785	5910960	0.70	cps
Rhodium	103-2	2753678	2760118	2756846	2756881	0.12	cps
Scandium	45-1	4186162	4173570	4199768	4186500	0.31	cps
Scandium	45-2	205687	205806	206945	206146	0.34	cps
Selenium	77-2	2777	2564	2677	2673	3.99	cps
Selenium	78-2	8842	8514	8945	8767	2.57	cps
Selenium	82-1	54980	54609	55353	54981	0.68	cps
Silicon	28-1	2532313	2540579	2571488	2548127	0.81	cps
Silver	109-1	3503141	3493329	3497114	3497861	0.14	cps
Silver	107-1	3684992	3641113	3683258	3669788	0.68	cps
Sodium	23-2	67027879	67592962	67514762	67378534	0.45	cps
Strontium	86-1	1001784	984185	1010588	998853	1.35	cps
Strontium	88-1	8710043	8670391	8691897	8690777	0.23	cps
Sulfur	34-1	924452	922375	928243	925024	0.32	cps
Terbium	159-1	8370124	8249670	8317116	8312303	0.73	cps
Terbium	159-2	3854008	3805865	3863325	3841066	0.80	cps
Thallium	203-1	2568271	2557922	2605966	2577386	0.98	cps
Thallium	205-1	6203205	6140114	6177041	6173453	0.51	cps
Tin	118-1	2438691	2434357	2434030	2435693	0.11	cps
Titanium	47-1	453600	446597	455533	451910	1.04	cps
Uranium	238-1	8826460	8815733	8733889	8792027	0.58	cps
Vanadium	51-2	829420	832772	839004	833732	0.58	cps
Yttrium	89-1	6950499	6951087	7012277	6971288	0.51	cps
Yttrium	89-2	1030203	1016199	1023458	1023287	0.68	cps
Zinc	66-2	334582	337881	338698	337054	0.65	cps
Zirconium	90-1	5673091	5544547	5678482	5632040	1.35	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:56:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1249554	1235727	1251537	1245606	0.69	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:59:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	150	100	50.00	cps
Antimony	121-1	11197	10579	9887	10554	6.21	cps
Arsenic	75-2	35	26	39	33	20.03	cps
Barium	135-1	167	108	125	133	22.53	cps
Barium	137-1	150	108	158	139	19.29	cps
Beryllium	9-1	133	139	122	131	6.45	cps
Bismuth	209-1	4748385	4857419	4746514	4784106	1.33	cps
Bismuth	209-2	2763660	2825252	2838171	2809028	1.42	cps
Boron	10-1	1758	1675	1375	1603	12.58	cps
Boron	11-1	8544	8369	8236	8383	1.85	cps
Cadmium	111-1	1753	1715	1776	1748	1.76	cps
Cadmium	106-1	2475	2434	2492	2467	1.22	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Calcium	43-1	517	492	467	492	5.08	cps
Calcium	44-1	66123	66484	66769	66459	0.49	cps
Chromium	52-2	830	717	800	782	7.51	cps
Cobalt	59-2	60	70	73	68	10.24	cps
Copper	63-2	1700	1590	1697	1662	3.76	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	13	10	27	17	52.93	cps
Gadolinium	160-1	33	100	42	58	62.27	cps
Gadolinium	160-2	27	83	67	59	49.45	cps
Holmium	165-1	7921859	8100989	8034743	8019197	1.13	cps
Holmium	165-2	3777234	3824409	3859175	3820273	1.08	cps
Indium	115-1	6650461	6646859	6665480	6654267	0.15	cps
Indium	115-2	1210534	1242461	1242925	1231973	1.51	cps
Iron	56-2	8542	8480	8486	8503	0.40	cps
Iron	57-2	278	389	328	331	16.79	cps
Lead	206-1	900	867	950	906	4.63	cps
Lead	207-1	928	750	878	852	10.76	cps
Lead	208-1	3684	3550	3950	3728	5.46	cps
Lithium	6-1	768497	769457	766848	768267	0.17	cps
Magnesium	24-2	742	792	850	795	6.83	cps
Manganese	55-2	73	57	80	70	17.17	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:59:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1242	1692	1267	1400	18.07	cps
Molybdenum	95-1	1325	1058	1058	1147	13.42	cps
Molybdenum	96-1	1458	1108	1250	1272	13.84	cps
Molybdenum	97-1	858	750	583	731	18.96	cps
Molybdenum	98-1	1725	1717	1667	1703	1.85	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	73	83	66	34.61	cps
Phosphorus	31-2	108	150	83	114	29.57	cps
Potassium	39-2	48354	47928	49183	48488	1.32	cps
Rhodium	103-1	6294487	6443487	6396243	6378072	1.19	cps
Rhodium	103-2	2860531	2896386	2902601	2886506	0.79	cps
Scandium	45-1	4180440	4175969	4199266	4185225	0.30	cps
Scandium	45-2	195477	199015	198853	197781	1.01	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	80	67	100	82	20.46	cps
Selenium	82-1	145	139	35	106	58.35	cps
Silicon	28-1	382472	382346	379236	381351	0.48	cps
Silver	109-1	642	575	508	575	11.59	cps
Silver	107-1	617	700	592	636	8.92	cps
Sodium	23-2	51874	50619	50035	50843	1.85	cps
Strontium	86-1	700	650	725	692	5.52	cps
Strontium	88-1	350	325	367	347	6.04	cps
Sulfur	34-1	593614	595819	597067	595500	0.29	cps
Terbium	159-1	8223403	8257424	8278096	8252974	0.33	cps
Terbium	159-2	3761189	3788333	3765333	3771618	0.39	cps
Thallium	203-1	883	808	625	772	17.21	cps
Thallium	205-1	1967	1984	1450	1800	16.85	cps
Tin	118-1	2359	2059	1767	2061	14.35	cps
Titanium	47-1	142	117	133	131	9.75	cps
Uranium	238-1	233	267	250	250	6.67	cps
Vanadium	51-2	23	23	37	28	27.73	cps
Yttrium	89-1	7011491	7028428	6945587	6995169	0.63	cps
Yttrium	89-2	987182	1014289	997315	999596	1.37	cps
Zinc	66-2	263	197	303	254	21.18	cps
Zirconium	90-1	2117	2284	1992	2131	6.87	cps

LB Number :	LB90973	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2017-10-18 14:59:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	442	333	386	14.04	cps