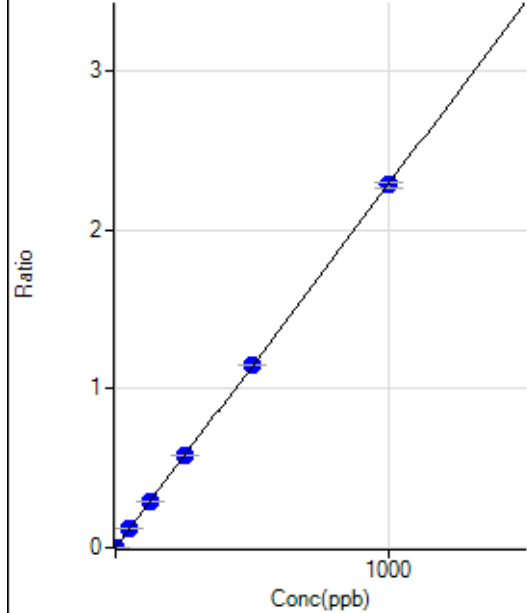


Batch Folder: D:\ICP-MS Data\P7100317-MS .b\
Analysis File: P7100317-MS .batch.bin
DA Date-Time: 2017-10-03 17:14:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7100317-MS.D	S00	2017-10-03 10:32:24
2			
3	005CALS P7100317-MS.D	S02	2017-10-03 10:40:23
4	006CALS P7100317-MS.D	S03	2017-10-03 10:44:09
5	007CALS P7100317-MS.D	S04	2017-10-03 10:48:08
6	008CALS P7100317-MS.D	S05	2017-10-03 10:51:47
7	009CALS P7100317-MS.D	S06	2017-10-03 10:55:21
8	010CALS P7100317-MS.D	S07	2017-10-03 10:58:52
9	011CALS P7100317-MS.D	S08	2017-10-03 11:02:20

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.74	0.0001	P	28.2
2	☐	0.100					
3	☐	1.000	0.928	1702.00	0.0022	P	2.4
4	☐	50.000	50.931	91293.75	0.1166	P	0.6
5	☐	125.000	124.866	227194.17	0.2858	P	0.4
6	☐	250.000	252.934	451441.46	0.5789	P	0.4
7	☐	500.000	502.048	870205.58	1.1491	P	0.6
8	☐	1000.000	998.213	1716438.80	2.2847	P	1.5
9	☐			196.30	0.0003	P	12.1

$$y = 0.0023 * x + 5.2595E-005$$

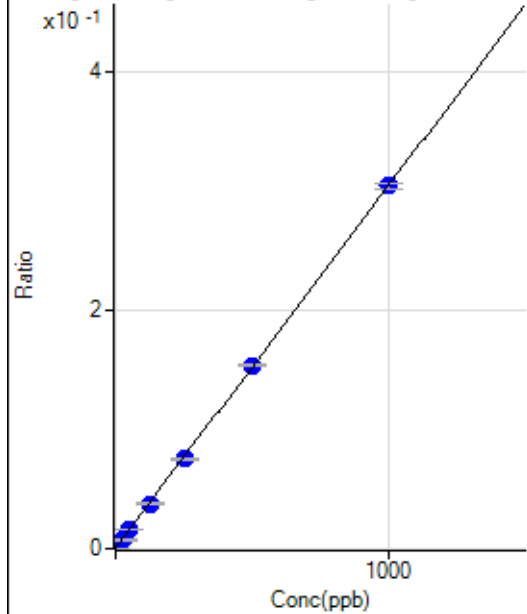
$$R = 1.0000$$

$$DL = 0.01944$$

$$BEC = 0.02298$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.92	0.0006	P	14.2
2	☐	2.500					
3	☐	25.000	22.091	5720.76	0.0073	P	3.7
4	☐	50.000	49.309	12202.62	0.0156	P	1.6
5	☐	125.000	121.286	29774.66	0.0375	P	3.3
6	☐	250.000	246.993	59004.77	0.0757	P	2.3
7	☐	500.000	503.719	116400.46	0.1537	P	0.6
8	☐	1000.000	999.464	228684.95	0.3044	P	1.3
9	☐			2225.26	0.0031	P	3.6

$$y = 3.0395E-004 * x + 5.9938E-004$$

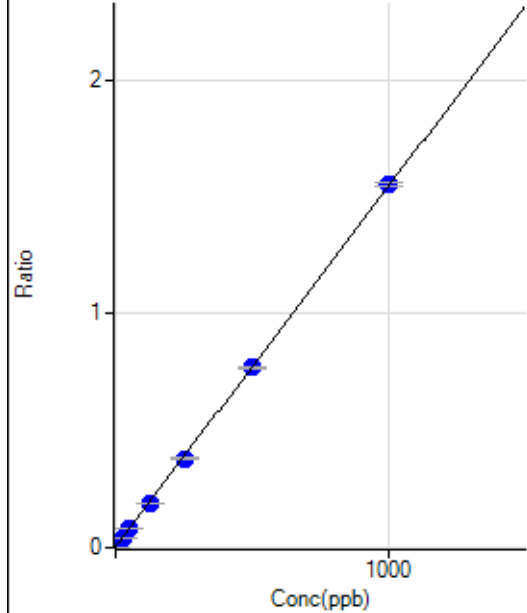
$$R = 1.0000$$

$$DL = 0.841$$

$$BEC = 1.972$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2286.39	0.0030	P	2.3
2	☐	2.500					
3	☐	25.000	22.366	29281.96	0.0374	P	0.9
4	☐	50.000	49.303	61816.64	0.0790	P	0.7
5	☐	125.000	121.426	151145.11	0.1902	P	1.1
6	☐	250.000	244.361	296067.93	0.3797	P	1.4
7	☐	500.000	496.555	582000.52	0.7685	P	1.0
8	☐	1000.000	1003.680	1164820.07	1.5504	P	1.0
9	☐			11935.68	0.0168	P	9.0

$$y = 0.0015 * x + 0.0030$$

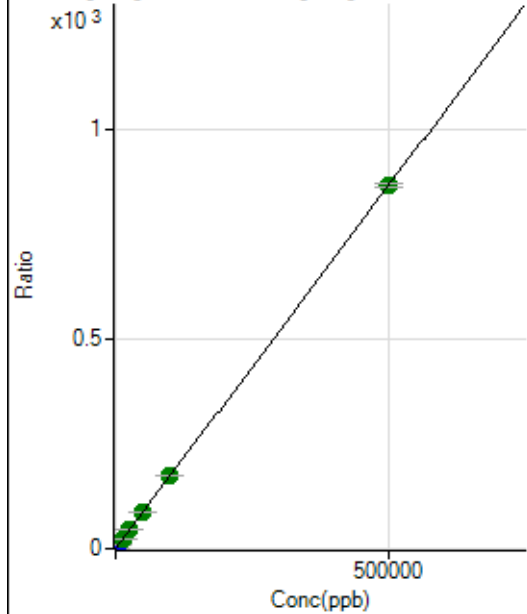
$$R = 1.0000$$

$$DL = 0.1327$$

$$BEC = 1.915$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30292.60	0.1059	P	1.3
2	☐	50.000					
3	☐	500.000	480.833	268475.47	0.9396	P	1.0
4	☐	5000.000	5423.698	2697219.79	9.5093	P	0.4
5	☐	12500.000	13287.377	6635381.70	23.1430	A	1.1
6	☐	25000.000	26379.043	13129571.82	45.8408	A	0.7
7	☐	50000.000	51333.463	26336028.89	89.1057	A	0.4
8	☐	100000.00	100724.85	53658118.56	174.7385	A	1.2
9	☐	500000.00	499628.82	284818839.70	866.3414	A	1.2

$$y = 0.0017 * x + 0.1059$$

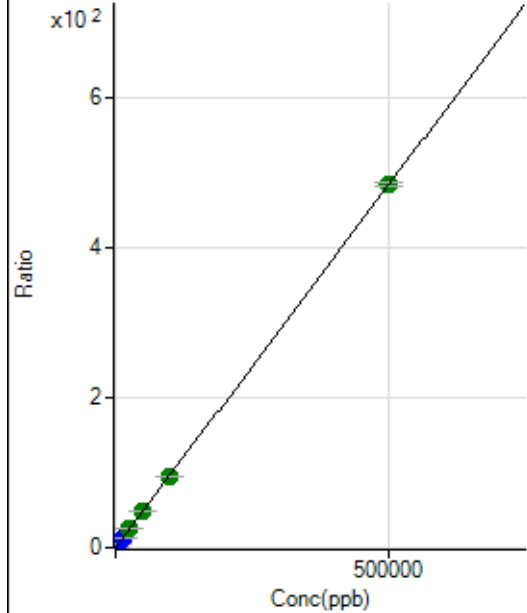
$$R = 1.0000$$

$$DL = 2.35$$

$$BEC = 61.11$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0006	P	15.0
2	☐	50.000					
3	☐	500.000	464.825	128602.96	0.4501	P	1.8
4	☐	5000.000	5259.953	1442964.97	5.0873	P	0.4
5	☐	12500.000	13028.508	3612504.85	12.6000	P	0.3
6	☐	25000.000	25699.906	7118649.64	24.8542	A	0.7
7	☐	50000.000	50438.378	14416535.91	48.7780	A	0.9
8	☐	100000.00	98210.129	29165956.55	94.9766	A	0.6
9	☐	500000.00	500263.36	159051041.06	483.7899	A	1.2

$$y = 9.6707\text{E-}004 * x + 5.7339\text{E-}004$$

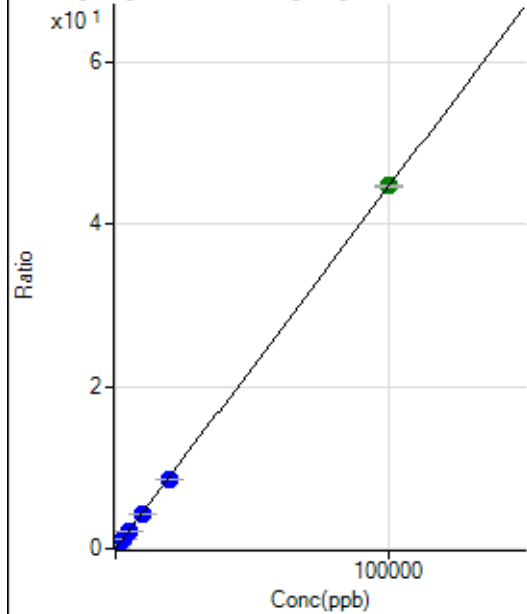
$$R = 1.0000$$

$$DL = 0.2674$$

$$BEC = 0.5929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0007	P	32.1
2	☐	2.000					
3	☐	20.000	17.855	2458.64	0.0086	P	2.9
4	☐	1000.000	998.263	126335.43	0.4454	P	0.7
5	☐	2500.000	2470.761	315783.04	1.1014	P	0.5
6	☐	5000.000	4898.862	625306.41	2.1832	P	0.4
7	☐	10000.000	9647.087	1270498.83	4.2986	P	0.6
8	☐	20000.000	18964.814	2594832.78	8.4499	P	1.0
9	☐	100000.00	100248.13	14684093.04	44.6635	A	0.7

$$y = 4.4552\text{E-}004 * x + 6.5044\text{E-}004$$

$$R = 0.9999$$

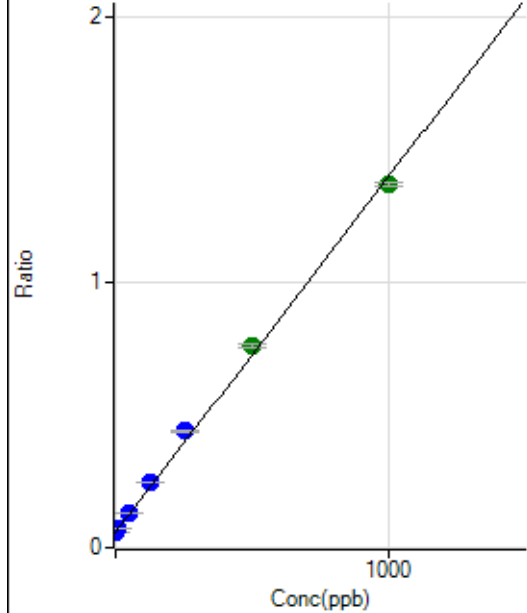
$$DL = 1.408$$

$$BEC = 1.46$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	323721.77	0.0575	P	0.7
2	☐	1.000					
3	☐	10.000	13.475	418529.45	0.0755	P	0.1
4	☐	50.000	55.806	731282.83	0.1323	P	1.0
5	☐	125.000	139.273	1369936.99	0.2442	P	1.0
6	☐	250.000	285.145	2457586.80	0.4398	P	1.4
7	☐	500.000	523.790	4248749.75	0.7598	A	1.5
8	☐	1000.000	977.210	7936630.47	1.3679	A	1.0
9	☐			442731.31	0.0755	P	1.4

$$y = 0.0013 * x + 0.0575$$

$$R = 0.9989$$

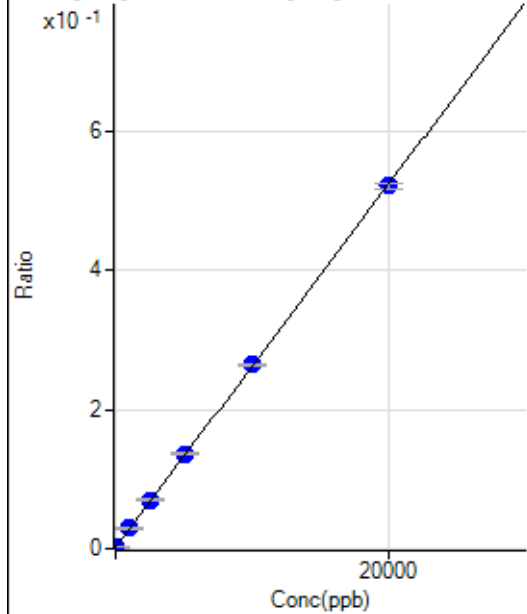
$$DL = 0.8515$$

$$BEC = 42.86$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.645	380.58	0.0013	P	3.0
2	☐	0.000					
3	☐	0.000	2.645	419.47	0.0015	P	11.8
4	☐	1000.000	1058.167	8227.59	0.0290	P	1.6
5	☐	2500.000	2602.108	19863.85	0.0693	P	3.5
6	☐	5000.000	5135.355	38773.84	0.1354	P	2.1
7	☐	10000.000	10079.475	78135.22	0.2644	P	1.0
8	☐	20000.000	19910.752	159948.34	0.5209	P	1.6
9	☐			547.26	0.0017	P	5.0

$$y = 2.6090E-005 * x + 0.0014$$

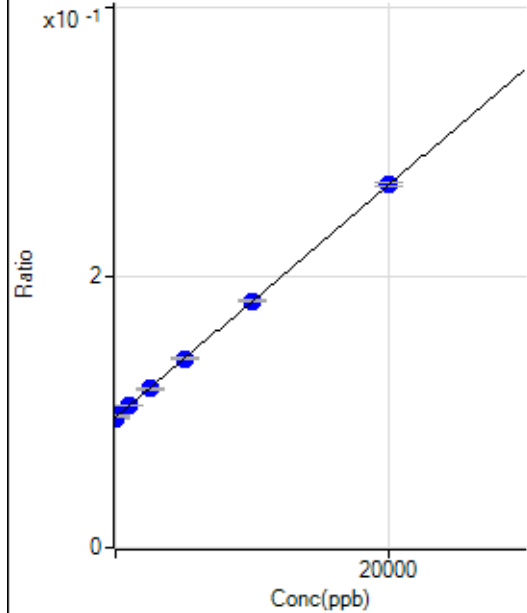
$$R = 1.0000$$

$$DL = 12.25$$

$$BEC = 53.66$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-162.345	535446.84	0.0951	P	1.2
2	☐	0.000					
3	☐	0.000	162.345	542114.22	0.0978	P	1.1
4	☐	1000.000	1001.432	580604.45	0.1050	P	0.8
5	☐	2500.000	2431.538	658003.83	0.1173	P	0.8
6	☐	5000.000	5040.861	780574.64	0.1397	P	0.8
7	☐	10000.000	9982.143	1018139.94	0.1821	P	0.6
8	☐	20000.000	20007.199	1555481.35	0.2681	P	0.9
9	☐			514867.21	0.0877	P	0.8

$$y = 8.5789\text{E-}006 * x + 0.0964$$

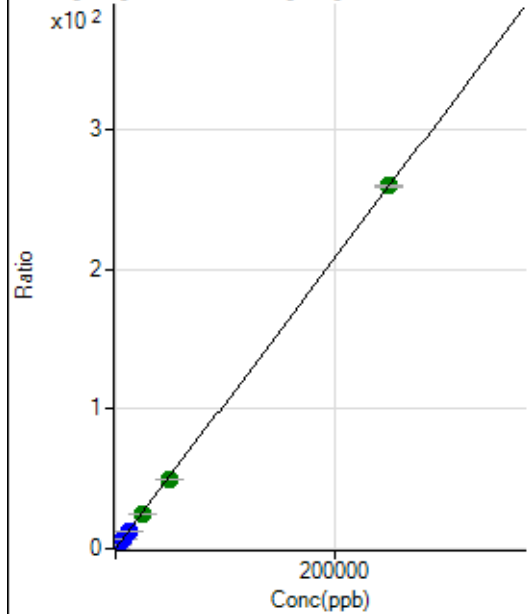
$$R = 0.9999$$

$$DL = 375.1$$

$$BEC = 1.124\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43481.24	0.1521	P	1.4
2	☐	50.000					
3	☐	500.000	433.773	171918.00	0.6017	P	0.8
4	☐	2500.000	2478.243	771687.78	2.7207	P	0.5
5	☐	6250.000	6117.205	1861381.70	6.4923	P	0.4
6	☐	12500.000	12169.689	3656228.42	12.7655	P	0.4
7	☐	25000.000	24184.100	7453385.93	25.2180	A	0.9
8	☐	50000.000	47576.151	15189299.65	49.4631	A	0.7
9	☐	250000.00	250586.54	85439681.77	259.8762	A	0.7

$$y = 0.0010 * x + 0.1521$$

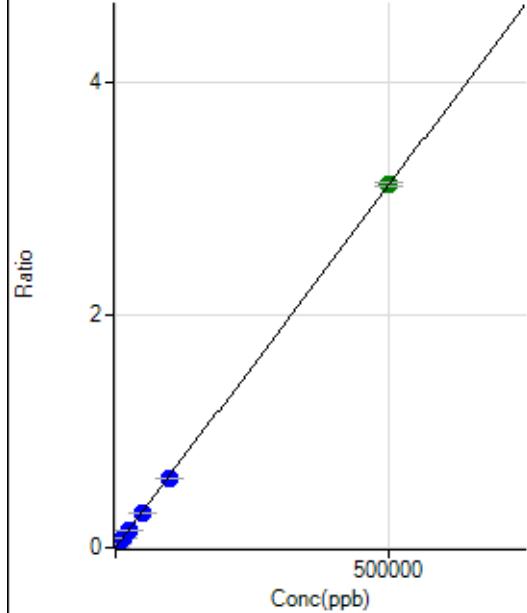
$$R = 0.9999$$

$$DL = 6.165$$

$$BEC = 146.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	736.16	0.0001	P	22.5
2	☐	50.000					
3	☐	500.000	445.366	16073.28	0.0029	P	2.0
4	☐	5000.000	4942.628	170671.11	0.0309	P	1.9
5	☐	12500.000	12336.141	431194.71	0.0769	P	0.1
6	☐	25000.000	24546.427	853986.19	0.1528	P	0.5
7	☐	50000.000	48636.473	1692531.59	0.3027	P	0.6
8	☐	100000.00	96472.319	3482983.59	0.6003	P	0.2
9	☐	500000.00	500869.29	18282942.60	3.1160	A	0.9

$$y = 6.2209\text{E-}006 * x + 1.3054\text{E-}004$$

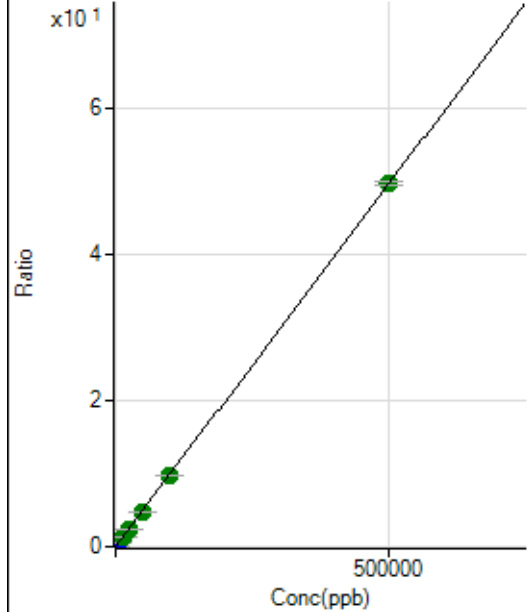
$$R = 1.0000$$

$$DL = 14.16$$

$$BEC = 20.98$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141305.83	0.0251	P	1.5
2	☐	50.000					
3	☐	500.000	446.824	384546.78	0.0694	P	0.3
4	☐	5000.000	5045.548	2904840.62	0.5255	P	1.1
5	☐	12500.000	12347.783	7010496.25	1.2498	A	0.5
6	☐	25000.000	24376.299	13649979.82	2.4429	A	0.9
7	☐	50000.000	48703.746	27152084.29	4.8558	A	0.3
8	☐	100000.00	97183.891	56076502.64	9.6644	A	0.4
9	☐	500000.00	500727.43	291552845.40	49.6904	A	0.9

$$y = 9.9186\text{E-}005 * x + 0.0251$$

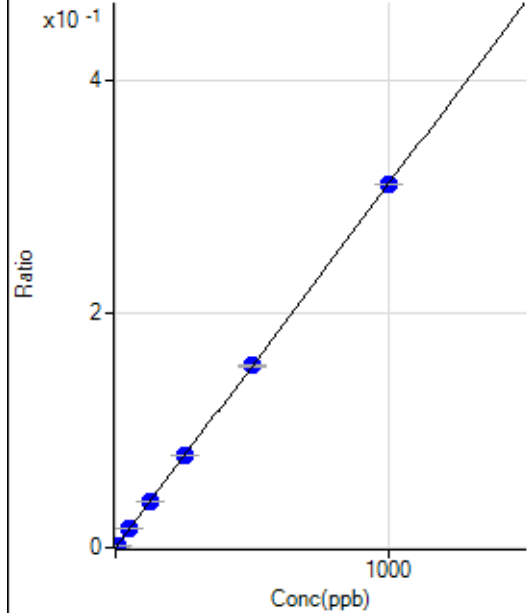
$$R = 1.0000$$

$$DL = 11.56$$

$$BEC = 252.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	27.2
2	☐	0.500					
3	☐	5.000	4.519	7910.78	0.0014	P	2.0
4	☐	50.000	51.582	88744.03	0.0161	P	0.8
5	☐	125.000	127.199	221881.16	0.0396	P	0.8
6	☐	250.000	252.792	439131.84	0.0786	P	1.0
7	☐	500.000	502.050	872633.32	0.1561	P	0.9
8	☐	1000.000	997.926	1799770.59	0.3102	P	0.2
9	☐			1575.16	0.0003	P	5.4

$$y = 3.1080\text{E-}004 * x + 2.3207\text{E-}005$$

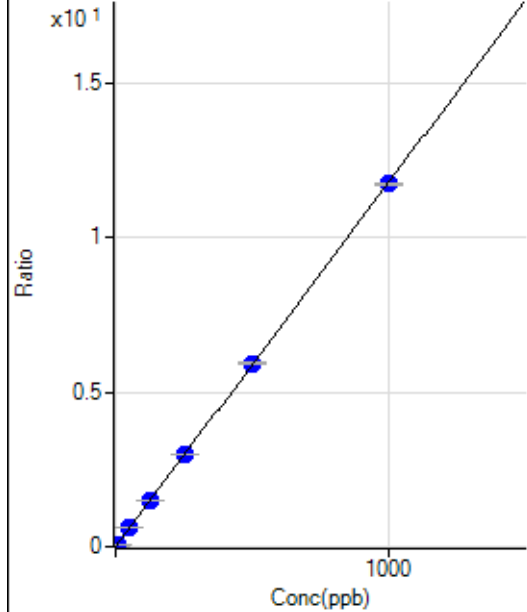
$$R = 1.0000$$

$$DL = 0.06084$$

$$BEC = 0.07467$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0001	P	8.2
2	☐	0.500					
3	☐	5.000	4.515	15230.29	0.0533	P	0.5
4	☐	50.000	51.372	171764.13	0.6056	P	0.2
5	☐	125.000	128.165	433120.44	1.5107	P	0.5
6	☐	250.000	254.055	857656.37	2.9945	P	0.3
7	☐	500.000	503.581	1754284.52	5.9354	P	0.5
8	☐	1000.000	996.734	3607672.17	11.7479	P	0.3
9	☐			568.91	0.0017	P	7.8

$$y = 0.0118 * x + 8.5501\text{E-}005$$

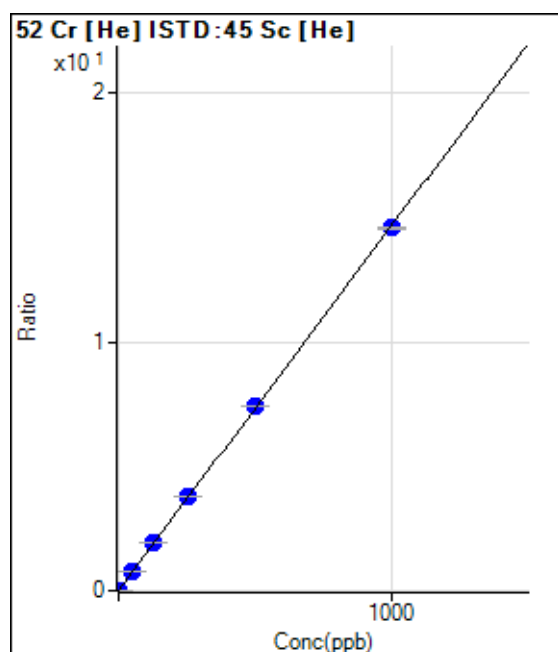
$$R = 1.0000$$

$$DL = 0.001792$$

$$BEC = 0.007254$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1936.83	0.0068	P	7.0
2	☐	0.200					
3	☐	2.000	2.055	10541.72	0.0369	P	1.2
4	☐	50.000	52.408	219760.29	0.7748	P	0.8
5	☐	125.000	129.646	546641.90	1.9066	P	0.3
6	☐	250.000	257.666	1083415.58	3.7827	P	0.2
7	☐	500.000	506.224	2194581.17	7.4251	P	0.2
8	☐	1000.000	994.270	4476396.15	14.5770	P	0.8
9	☐			47587.90	0.1448	P	1.9

$$y = 0.0147 * x + 0.0068$$

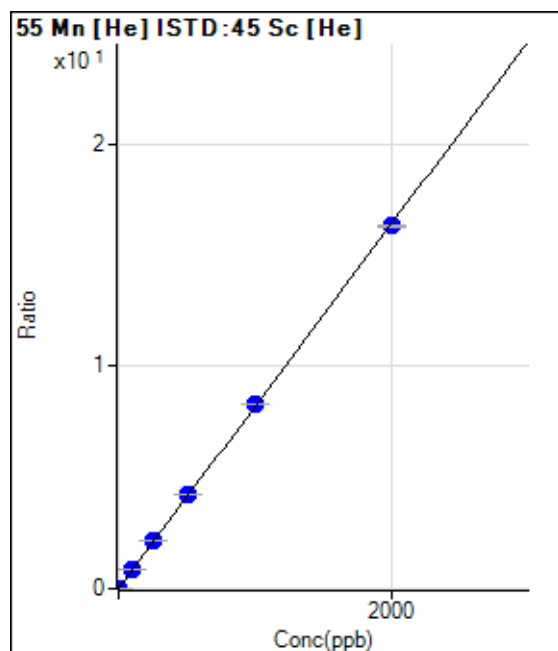
$$R = 0.9999$$

$$DL = 0.09658$$

$$BEC = 0.4623$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0002	P	29.6
2	☐	0.100					
3	☐	1.000	0.976	2344.67	0.0082	P	3.6
4	☐	100.000	104.675	243586.39	0.8588	P	0.3
5	☐	250.000	258.787	608638.43	2.1229	P	0.3
6	☐	500.000	515.377	1210824.47	4.2275	P	0.6
7	☐	1000.000	1013.162	2456293.38	8.3106	P	0.3
8	☐	2000.000	1988.242	5008117.43	16.3086	P	0.7
9	☐			17847.70	0.0543	P	1.1

$$y = 0.0082 * x + 2.0208E-004$$

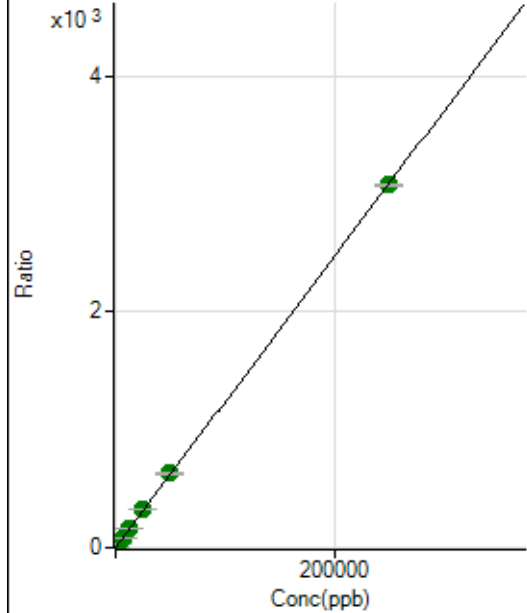
$$R = 0.9999$$

$$DL = 0.02189$$

$$BEC = 0.02464$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6690.07	0.0234	P	38.3
2	☐	5.000					
3	☐	50.000	48.490	177486.89	0.6212	P	2.0
4	☐	2500.000	2688.635	9408084.12	33.1686	A	0.6
5	☐	6250.000	6702.968	23698376.46	82.6568	A	0.5
6	☐	12500.000	13328.245	47066870.50	164.3323	A	0.9
7	☐	25000.000	26234.679	95595741.95	323.4412	A	0.7
8	☐	50000.000	51109.782	193488989.51	630.0983	A	1.3
9	☐	250000.00	249599.95	1011649652.2	3,077.059	A	0.7

$$y = 0.0123 * x + 0.0234$$

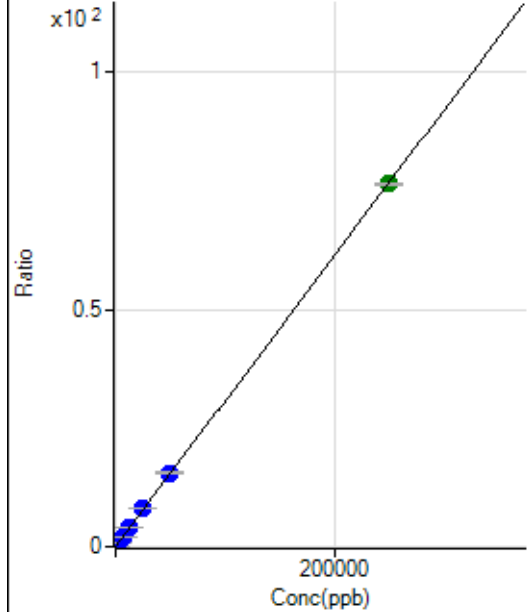
$$R = 1.0000$$

$$DL = 2.181$$

$$BEC = 1.899$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	240.75	0.0008	P	19.9
2	☐	5.000					
3	☐	50.000	50.182	4634.19	0.0162	P	6.6
4	☐	2500.000	2687.867	233920.73	0.8247	P	0.6
5	☐	6250.000	6686.911	587874.95	2.0504	P	0.1
6	☐	12500.000	13241.335	1162678.89	4.0594	P	0.4
7	☐	25000.000	25973.779	2353265.07	7.9620	P	0.4
8	☐	50000.000	50851.310	4786555.03	15.5872	P	1.3
9	☐	250000.00	249682.49	25161849.18	76.5308	A	0.4

$$y = 3.0651E-004 * x + 8.4223E-004$$

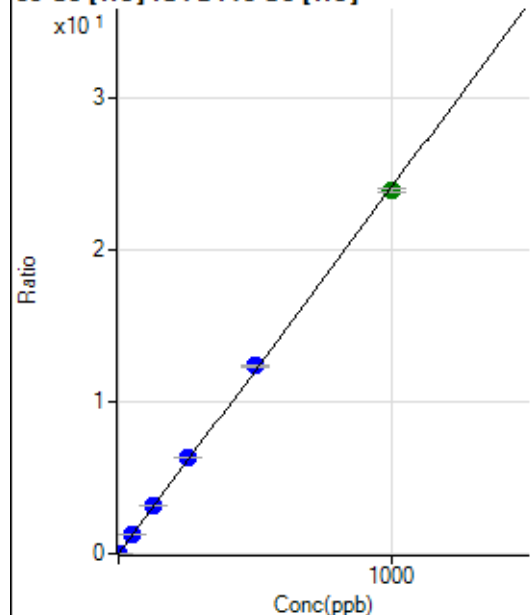
$$R = 1.0000$$

$$DL = 1.639$$

$$BEC = 2.748$$

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	120.00	0.0004	P	11.4
2	☐	0.100					
3	☐	1.000	1.014	7116.27	0.0249	P	3.2
4	☐	50.000	53.915	369427.45	1.3024	P	0.5
5	☐	125.000	132.200	915441.87	3.1930	P	0.2
6	☐	250.000	262.231	1813913.79	6.3332	P	0.1
7	☐	500.000	511.857	3653572.90	12.3615	P	0.6
8	☐	1000.000	989.918	7341179.82	23.9064	A	1.1
9	☐			8662.66	0.0264	P	2.4

$$y = 0.0241 * x + 4.1976E-004$$

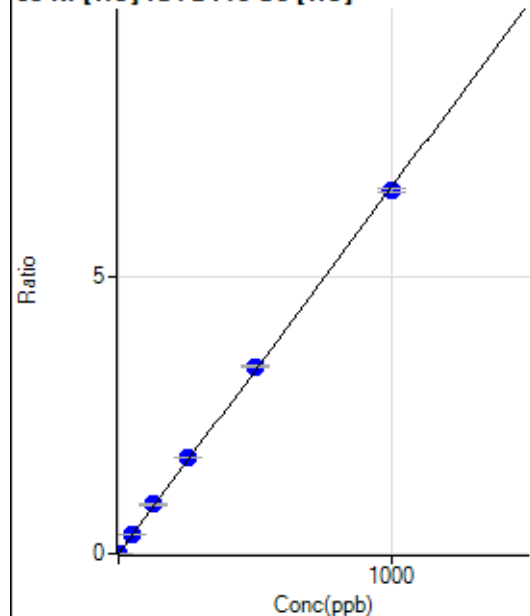
$$R = 0.9998$$

$$DL = 0.00592$$

$$BEC = 0.01738$$

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	147.78	0.0005	P	17.2
2	☐	0.100					
3	☐	1.000	1.076	2187.98	0.0077	P	1.6
4	☐	50.000	54.041	101836.04	0.3590	P	0.5
5	☐	125.000	133.933	254897.00	0.8890	P	0.3
6	☐	250.000	263.636	501089.44	1.7495	P	0.4
7	☐	500.000	510.634	1001411.41	3.3881	P	0.4
8	☐	1000.000	989.955	2016941.40	6.5680	P	1.1
9	☐			9569.92	0.0291	P	2.2

$$y = 0.0066 * x + 5.1698E-004$$

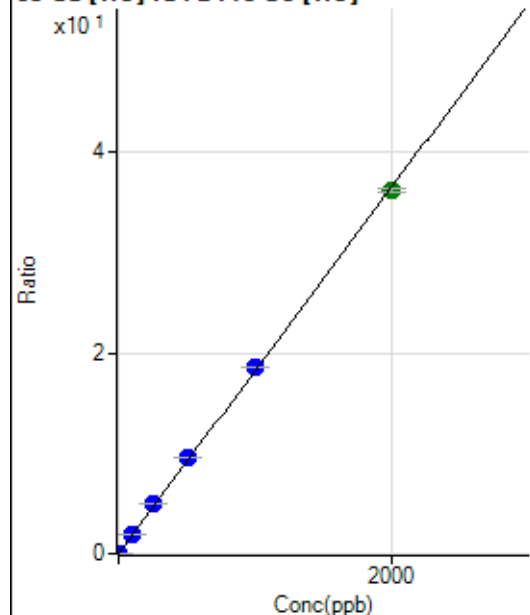
$$R = 0.9998$$

$$DL = 0.04018$$

$$BEC = 0.07793$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1125.62	0.0039	P	5.9
2	☐	0.200					
3	☐	2.000	1.940	11245.59	0.0394	P	0.5
4	☐	100.000	108.463	562662.27	1.9837	P	0.8
5	☐	250.000	268.723	1407404.67	4.9089	P	0.1
6	☐	500.000	528.123	2762102.22	9.6437	P	0.1
7	☐	1000.000	1019.016	5498570.54	18.6039	P	0.7
8	☐	2000.000	1980.698	11103208.86	36.1573	A	1.1
9	☐			14480.72	0.0441	P	3.6

$$y = 0.0183 * x + 0.0039$$

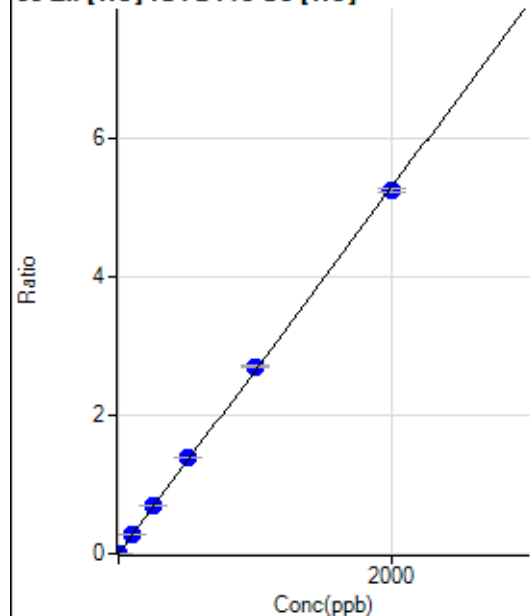
$$R = 0.9998$$

$$DL = 0.03792$$

$$BEC = 0.2157$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	260.01	0.0009	P	5.3
2	☐	0.200					
3	☐	2.000	2.043	1804.59	0.0063	P	3.8
4	☐	100.000	108.046	81359.45	0.2868	P	0.6
5	☐	250.000	266.528	202483.95	0.7062	P	0.4
6	☐	500.000	524.345	397697.87	1.3885	P	0.1
7	☐	1000.000	1021.926	799608.20	2.7053	P	0.4
8	☐	2000.000	1980.482	1609739.74	5.2421	P	1.0
9	☐			3459.35	0.0105	P	6.4

$$y = 0.0026 * x + 9.0921E-004$$

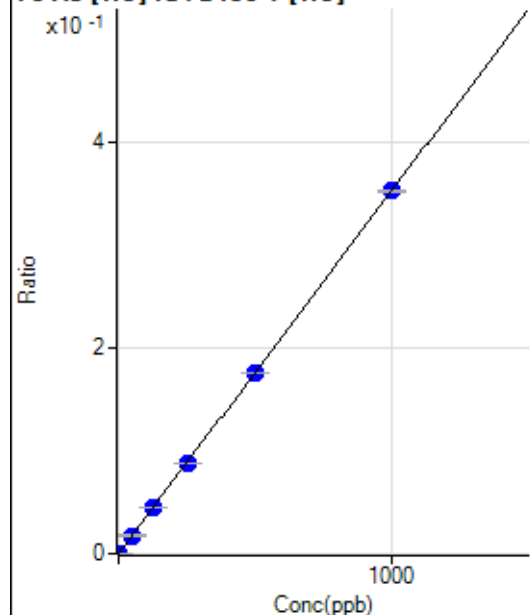
$$R = 0.9998$$

$$DL = 0.05419$$

$$BEC = 0.3436$$

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	11.11	0.0000	P	66.5
2	☐	0.100					
3	☐	1.000	0.940	523.47	0.0003	P	8.2
4	☐	50.000	50.287	27270.02	0.0177	P	0.6
5	☐	125.000	126.096	68487.93	0.0444	P	0.2
6	☐	250.000	250.209	136383.86	0.0880	P	0.6
7	☐	500.000	499.097	277333.69	0.1756	P	0.3
8	☐	1000.000	1000.248	571810.76	0.3519	P	0.3
9	☐			311.12	0.0002	P	6.3

$$y = 3.5181\text{E-}004 * x + 7.1658\text{E-}006$$

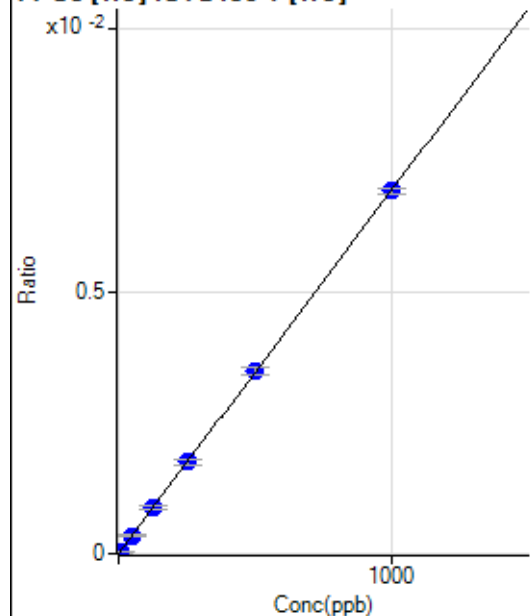
$$R = 1.0000$$

$$DL = 0.04062$$

$$BEC = 0.02037$$

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	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.351	47.78	0.0000	P	17.7
4	☐	50.000	50.183	536.69	0.0003	P	7.6
5	☐	125.000	127.094	1360.09	0.0009	P	6.6
6	☐	250.000	251.869	2703.63	0.0017	P	6.2
7	☐	500.000	501.098	5484.47	0.0035	P	3.9
8	☐	1000.000	998.716	11241.15	0.0069	P	1.9
9	☐			10.00	0.0000	P	88.0

$$y = 6.9267\text{E-}006 * x + 7.1762\text{E-}007$$

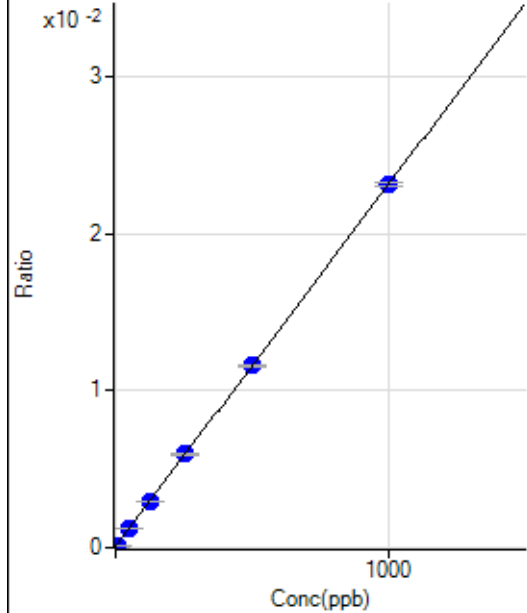
$$R = 1.0000$$

$$DL = 0.5383$$

$$BEC = 0.1036$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.36	0.0001	P	7.9
2	☐	0.500					
3	☐	5.000	4.443	250.00	0.0002	P	5.9
4	☐	50.000	51.775	1930.39	0.0013	P	2.2
5	☐	125.000	124.615	4526.67	0.0029	P	2.0
6	☐	250.000	254.904	9197.43	0.0059	P	0.5
7	☐	500.000	500.111	18307.89	0.0116	P	1.0
8	☐	1000.000	998.681	37516.93	0.0231	P	1.0
9	☐			133.95	0.0001	P	21.6

$$y = 2.3059\text{E-}005 * x + 5.9002\text{E-}005$$

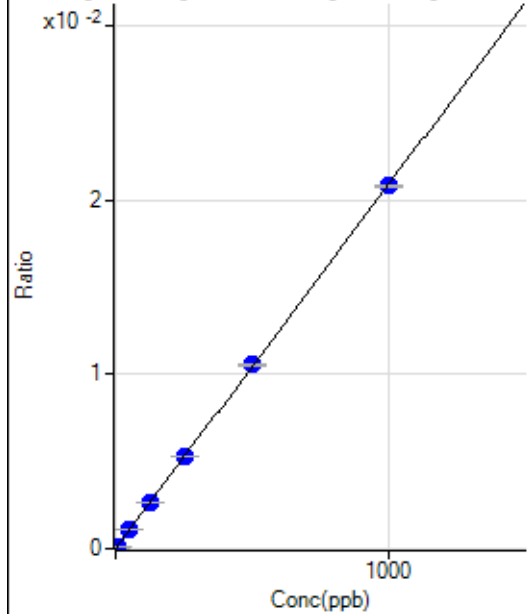
$$R = 1.0000$$

$$DL = 0.6091$$

$$BEC = 2.559$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.19	0.0000	P	42.8
2	☐	0.500					
3	☐	5.000	4.542	1004.11	0.0001	P	6.1
4	☐	50.000	50.408	10317.65	0.0011	P	1.9
5	☐	125.000	126.968	26182.32	0.0027	P	0.3
6	☐	250.000	252.575	52162.29	0.0053	P	0.7
7	☐	500.000	505.347	103727.74	0.0106	P	0.9
8	☐	1000.000	996.419	211657.89	0.0208	P	0.4
9	☐			72.30	0.0000	P	58.1

$$y = 2.0874\text{E-}005 * x + 8.2200\text{E-}006$$

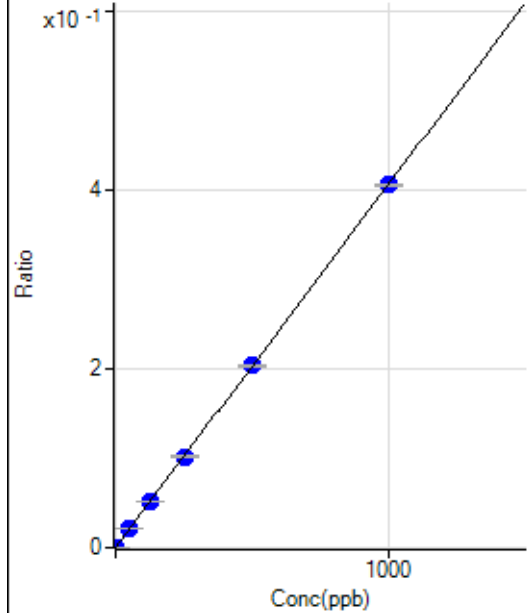
$$R = 1.0000$$

$$DL = 0.5053$$

$$BEC = 0.3938$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1264.00	0.0001	P	7.1
2	☐	0.100					
3	☐	1.000	0.866	4675.97	0.0005	P	5.8
4	☐	50.000	51.022	202955.75	0.0209	P	0.7
5	☐	125.000	126.789	508594.80	0.0516	P	1.0
6	☐	250.000	251.111	1009155.16	0.1022	P	0.1
7	☐	500.000	501.587	2003794.55	0.2039	P	0.7
8	☐	1000.000	998.654	4128839.98	0.4059	P	0.6
9	☐			143358.30	0.0143	P	1.1

$$y = 4.0631E-004 * x + 1.2805E-004$$

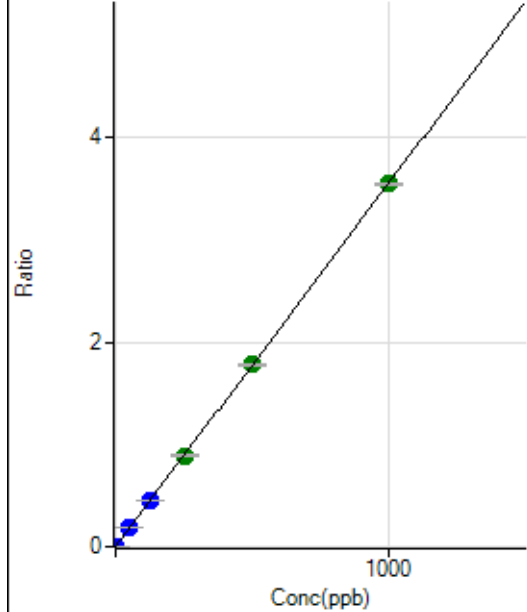
$$R = 1.0000$$

$$DL = 0.06709$$

$$BEC = 0.3152$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	813.95	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	0.917	32532.35	0.0033	P	2.5
4	☐	50.000	50.722	1753128.92	0.1802	P	0.7
5	☐	125.000	126.707	4431520.19	0.4500	P	0.7
6	☐	250.000	251.453	8820578.76	0.8929	A	0.3
7	☐	500.000	500.699	17469414.11	1.7779	A	0.7
8	☐	1000.000	999.038	36084830.67	3.5473	A	0.6
9	☐			1226553.75	0.1225	P	0.1

$$y = 0.0036 * x + 8.2438E-005$$

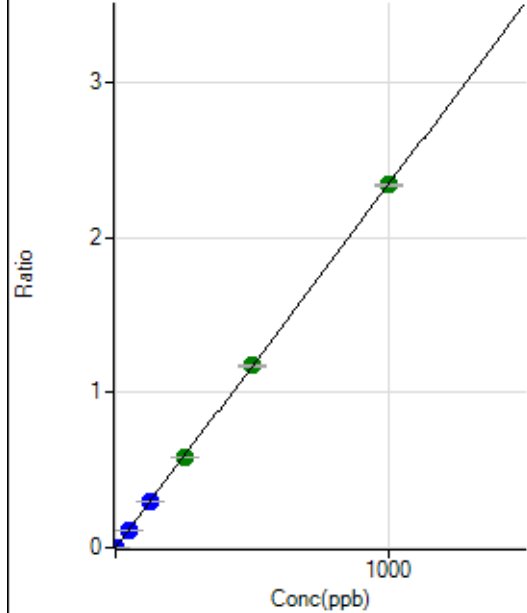
$$R = 1.0000$$

$$DL = 0.0113$$

$$BEC = 0.02322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	636.16	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	0.840	19817.12	0.0020	P	0.8
4	☐	50.000	49.865	1137913.14	0.1169	P	0.7
5	☐	125.000	126.151	2912812.78	0.2958	P	0.4
6	☐	250.000	248.971	5765513.37	0.5837	A	1.4
7	☐	500.000	501.975	11562071.09	1.1767	A	1.2
8	☐	1000.000	999.133	23823681.61	2.3420	A	0.7
9	☐			4748.23	0.0005	P	6.2

$$y = 0.0023 * x + 6.4466E-005$$

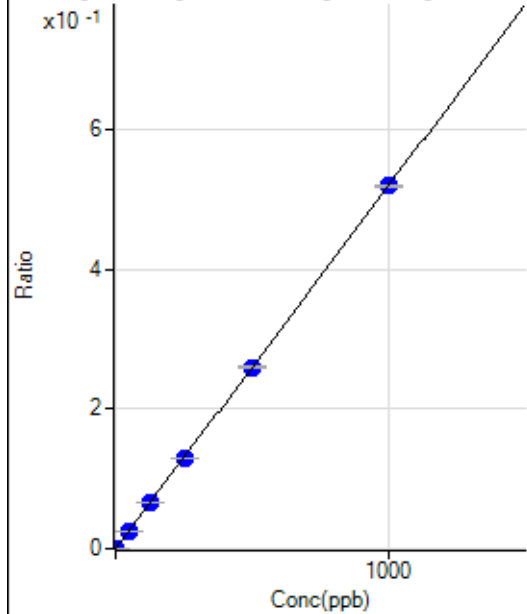
$$R = 1.0000$$

$$DL = 0.00967$$

$$BEC = 0.0275$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	0.871	4545.36	0.0005	P	3.2
4	☐	50.000	49.988	252948.35	0.0260	P	0.8
5	☐	125.000	126.730	648872.07	0.0659	P	0.9
6	☐	250.000	250.018	1283916.33	0.1300	P	0.4
7	☐	500.000	500.433	2556074.84	0.2601	P	0.7
8	☐	1000.000	999.563	5285293.52	0.5196	P	0.3
9	☐			969.52	0.0001	P	10.2

$$y = 5.1979E-004 * x + 1.3795E-005$$

$$R = 1.0000$$

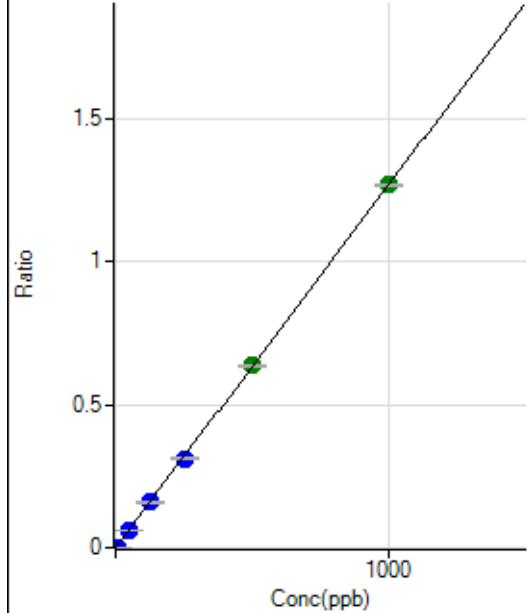
$$DL = 0.02689$$

$$BEC = 0.02654$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0000	P	26.5
2	☐	0.500					
3	☐	5.000	1.950	24402.29	0.0025	P	2.9
4	☐	50.000	48.963	604740.51	0.0622	P	0.8
5	☐	125.000	124.656	1557875.44	0.1582	P	1.0
6	☐	250.000	246.141	3085280.38	0.3123	P	0.6
7	☐	500.000	501.503	6252548.19	0.6363	A	0.2
8	☐	1000.000	1000.323	12910836.14	1.2692	A	0.7
9	☐			9542.51	0.0010	P	5.1

$$y = 0.0013 * x + 3.0109E-005$$

$$R = 1.0000$$

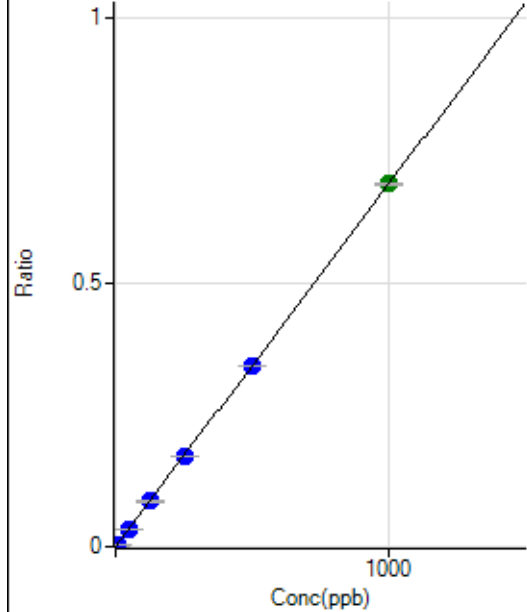
$$DL = 0.01885$$

$$BEC = 0.02373$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.415	29526.07	0.0030	P	3.1
4	☐	50.000	50.053	333789.98	0.0343	P	1.0
5	☐	125.000	124.825	842506.33	0.0855	P	0.8
6	☐	250.000	248.218	1680437.01	0.1701	P	0.2
7	☐	500.000	498.301	3355504.33	0.3415	P	0.8
8	☐	1000.000	1001.317	6980517.60	0.6862	A	0.7
9	☐			13506.89	0.0013	P	3.0

$$y = 6.8531E-004 * x + 4.2208E-006$$

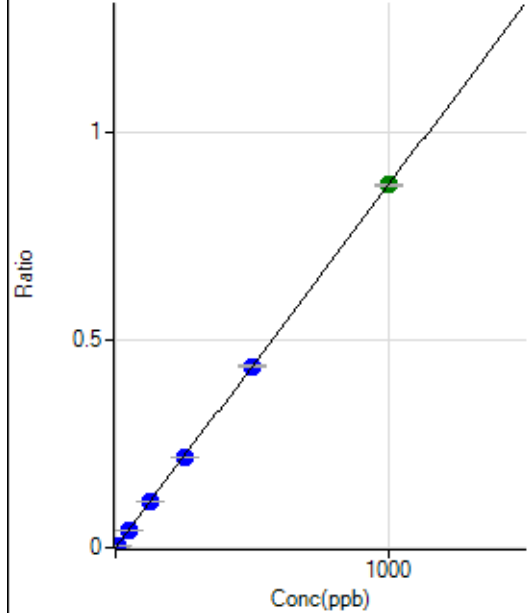
$$R = 1.0000$$

$$DL = 0.003665$$

$$BEC = 0.006159$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.79	0.0000	P	38.4
2	☐	0.500					
3	☐	5.000	3.880	33164.40	0.0034	P	0.4
4	☐	50.000	49.908	424133.45	0.0436	P	1.2
5	☐	125.000	125.339	1077945.04	0.1095	P	0.5
6	☐	250.000	248.190	2140814.68	0.2167	P	0.7
7	☐	500.000	500.828	4296761.94	0.4373	P	1.3
8	☐	1000.000	1000.007	8881835.01	0.8731	A	0.7
9	☐			18910.58	0.0019	P	0.8

$$y = 8.7312\text{E-}004 * x + 1.5486\text{E-}005$$

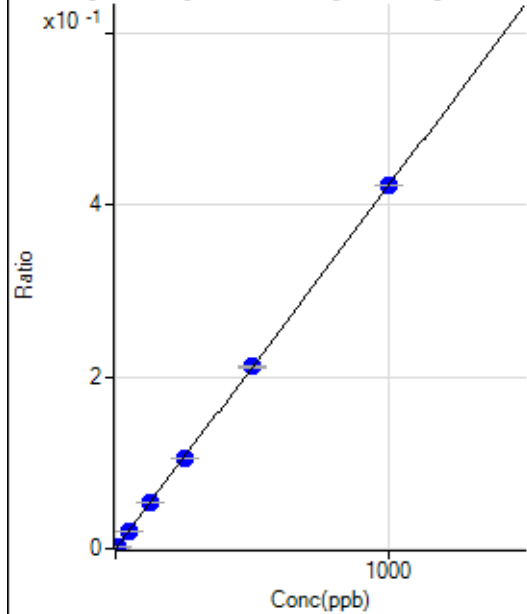
$$R = 1.0000$$

$$DL = 0.02043$$

$$BEC = 0.01774$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	4.489	18540.54	0.0019	P	1.3
4	☐	50.000	49.987	205624.06	0.0211	P	0.3
5	☐	125.000	125.952	524328.97	0.0532	P	0.7
6	☐	250.000	249.750	1042809.12	0.1056	P	0.4
7	☐	500.000	500.881	2080132.45	0.2117	P	1.6
8	☐	1000.000	999.506	4297335.82	0.4225	P	0.1
9	☐			8322.23	0.0008	P	0.8

$$y = 4.2266\text{E-}004 * x + 5.3492\text{E-}006$$

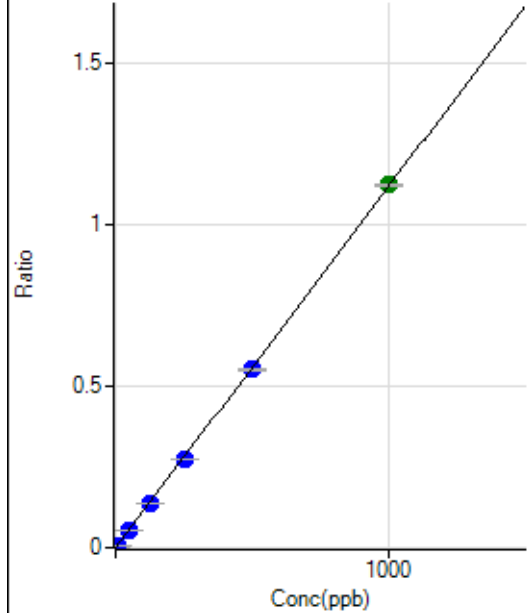
$$R = 1.0000$$

$$DL = 0.01253$$

$$BEC = 0.01266$$

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	91.67	0.0000	P	36.2
2	☐	0.500					
3	☐	5.000	4.359	47583.31	0.0049	P	0.6
4	☐	50.000	49.367	537124.54	0.0552	P	1.2
5	☐	125.000	122.711	1351290.33	0.1372	P	0.3
6	☐	250.000	244.966	2705634.63	0.2739	P	1.0
7	☐	500.000	493.090	5416962.10	0.5513	P	1.4
8	☐	1000.000	1005.034	11430751.56	1.1237	A	0.7
9	☐			20751.99	0.0021	P	2.9

$$y = 0.0011 * x + 9.2837E-006$$

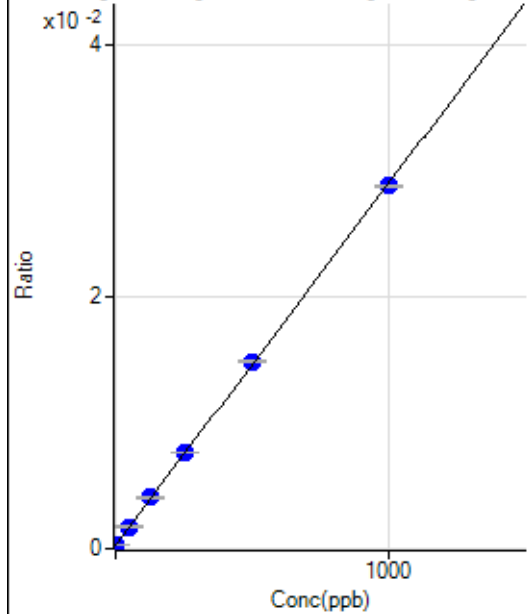
$$R = 1.0000$$

$$DL = 0.009028$$

$$BEC = 0.008303$$

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	3428.34	0.0003	P	4.5
2	☐	0.100					
3	☐	1.000	1.135	3772.90	0.0003	P	9.3
4	☐	50.000	51.813	22351.70	0.0018	P	0.6
5	☐	125.000	131.794	52266.93	0.0041	P	1.9
6	☐	250.000	255.388	99089.66	0.0076	P	1.2
7	☐	500.000	508.509	191893.57	0.0149	P	1.2
8	☐	1000.000	993.458	384708.55	0.0288	P	0.4
9	☐			3797.90	0.0003	P	10.4

$$y = 2.8756E-005 * x + 2.6595E-004$$

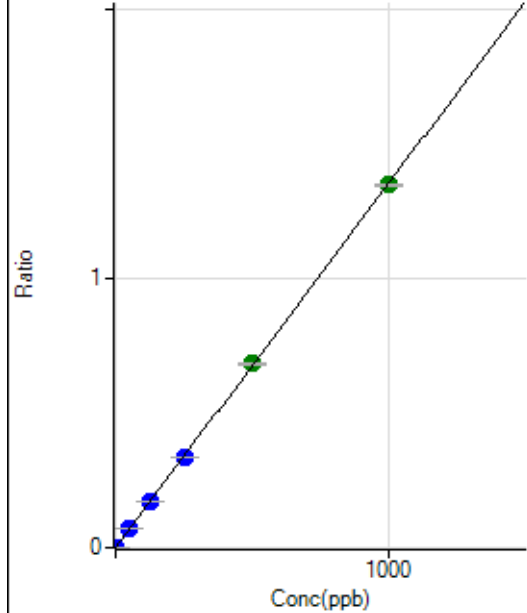
$$R = 0.9999$$

$$DL = 1.257$$

$$BEC = 9.249$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.79	0.0000	P	19.7
2	☐	0.100					
3	☐	1.000	0.955	16465.69	0.0013	P	0.6
4	☐	50.000	51.342	885178.09	0.0695	P	0.6
5	☐	125.000	127.152	2219215.57	0.1722	P	0.8
6	☐	250.000	249.776	4404471.32	0.3383	P	0.5
7	☐	500.000	506.103	8833810.62	0.6854	A	0.8
8	☐	1000.000	996.668	18008323.67	1.3497	A	0.6
9	☐			1711.30	0.0001	P	9.0

$$y = 0.0014 * x + 9.9074E-006$$

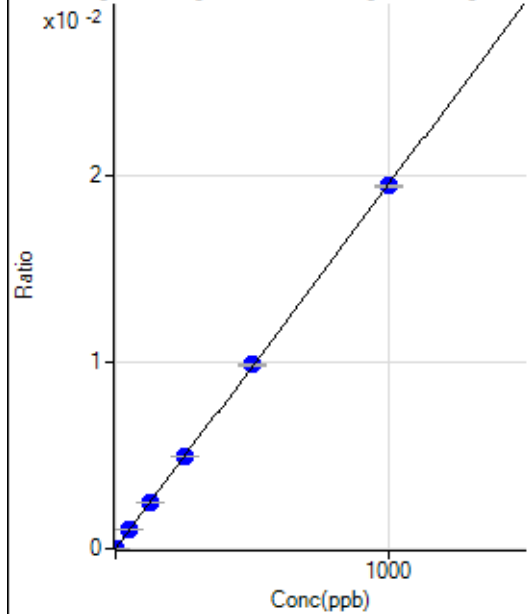
$$R = 1.0000$$

$$DL = 0.004314$$

$$BEC = 0.007316$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	42.8
2	☐	0.100					
3	☐	1.000	1.021	262.51	0.0000	P	16.8
4	☐	50.000	51.906	12906.11	0.0010	P	0.7
5	☐	125.000	128.040	32214.69	0.0025	P	0.1
6	☐	250.000	254.542	64694.22	0.0050	P	0.7
7	☐	500.000	504.404	126885.04	0.0098	P	0.9
8	☐	1000.000	996.187	259404.78	0.0194	P	0.9
9	☐			36.11	0.0000	P	17.5

$$y = 1.9516E-005 * x + 8.6058E-007$$

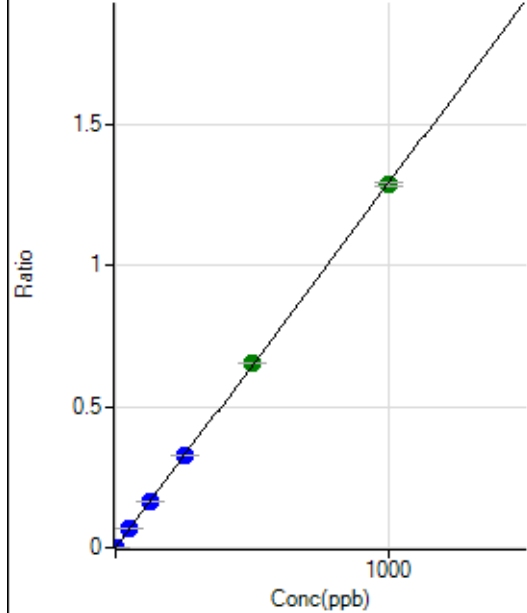
$$R = 1.0000$$

$$DL = 0.05663$$

$$BEC = 0.0441$$

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	100.01	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.966	15845.55	0.0013	P	1.9
4	☐	50.000	51.409	844751.72	0.0664	P	0.8
5	☐	125.000	128.394	2135822.99	0.1657	P	0.8
6	☐	250.000	252.141	4237693.33	0.3255	P	0.8
7	☐	500.000	506.812	8431437.43	0.6542	A	0.6
8	☐	1000.000	995.564	17145300.73	1.2850	A	1.1
9	☐			1502.93	0.0001	P	3.7

$$y = 0.0013 * x + 7.7592E-006$$

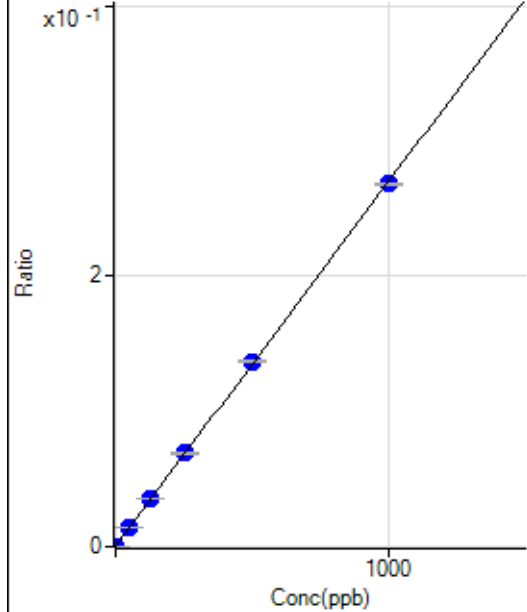
$$R = 1.0000$$

$$DL = 0.005452$$

$$BEC = 0.006011$$

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	2408.73	0.0002	P	4.5
2	☐	0.100					
3	☐	1.000	0.964	5649.38	0.0004	P	4.7
4	☐	50.000	52.049	181150.82	0.0142	P	0.4
5	☐	125.000	130.181	455077.10	0.0353	P	1.1
6	☐	250.000	255.588	900395.44	0.0692	P	0.8
7	☐	500.000	507.835	1768503.24	0.1372	P	0.6
8	☐	1000.000	993.936	3580742.32	0.2684	P	0.4
9	☐			3005.49	0.0002	P	9.2

$$y = 2.6982E-004 * x + 1.8686E-004$$

$$R = 0.9999$$

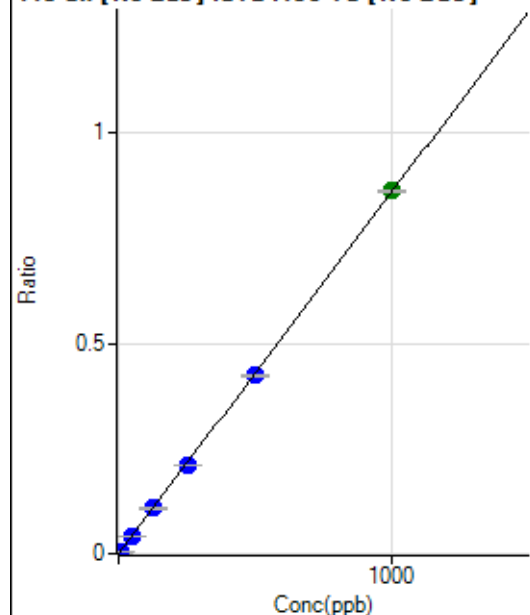
$$DL = 0.09363$$

$$BEC = 0.6925$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1211.22	0.0001	P	5.9
2	☐	0.500					
3	☐	5.000	4.441	49407.16	0.0039	P	2.8
4	☐	50.000	49.858	546571.20	0.0429	P	0.6
5	☐	125.000	125.136	1387002.26	0.1076	P	0.6
6	☐	250.000	244.926	2741729.75	0.2106	P	0.5
7	☐	500.000	494.292	5475745.04	0.4248	P	0.9
8	☐	1000.000	1004.115	11513649.13	0.8629	A	0.6
9	☐			6393.43	0.0005	P	6.8

$$y = 8.5932E-004 * x + 9.3930E-005$$

$$R = 1.0000$$

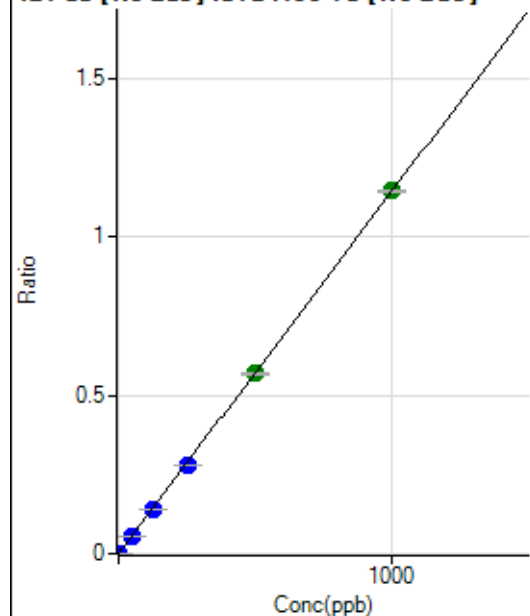
$$DL = 0.01926$$

$$BEC = 0.1093$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	30.7
2	☐	0.200					
3	☐	2.000	1.753	25393.17	0.0020	P	0.5
4	☐	50.000	48.705	707849.19	0.0556	P	0.8
5	☐	125.000	124.070	1825311.09	0.1416	P	1.3
6	☐	250.000	243.983	3626589.45	0.2785	P	0.6
7	☐	500.000	497.643	7321834.97	0.5681	A	0.8
8	☐	1000.000	1002.864	15274302.43	1.1448	A	0.5
9	☐			29774.30	0.0023	P	2.0

$$y = 0.0011 * x + 8.6095E-006$$

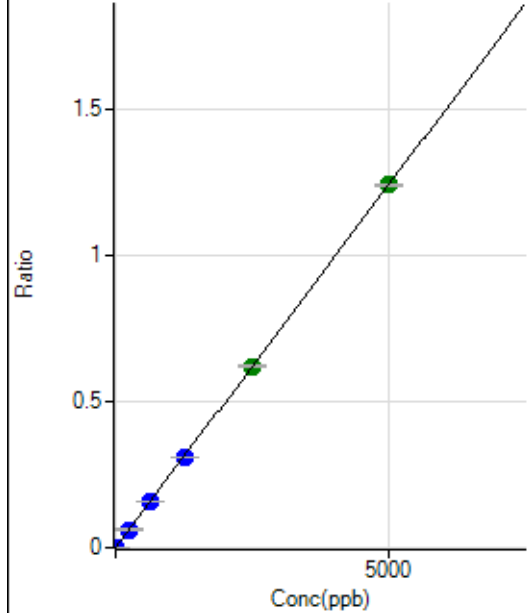
$$R = 1.0000$$

$$DL = 0.006943$$

$$BEC = 0.007542$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	31.4
2	☐	1.000					
3	☐	10.000	8.808	27772.84	0.0022	P	2.2
4	☐	250.000	251.549	796181.94	0.0625	P	0.7
5	☐	625.000	628.315	2013227.71	0.1562	P	0.4
6	☐	1250.000	1240.697	4016405.26	0.3085	P	0.8
7	☐	2500.000	2499.804	8010222.14	0.6215	A	1.2
8	☐	5000.000	5001.934	16591959.57	1.2436	A	0.2
9	☐			4920.54	0.0004	P	3.3

$$y = 2.4861\text{E-}004 * x + 8.1785\text{E-}006$$

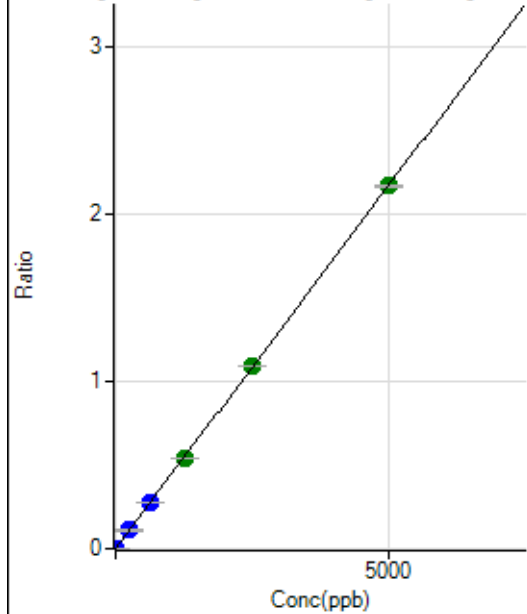
$$R = 1.0000$$

$$DL = 0.03097$$

$$BEC = 0.0329$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	19.0
2	☐	1.000					
3	☐	10.000	8.973	49291.21	0.0039	P	1.4
4	☐	250.000	251.673	1389176.08	0.1091	P	0.7
5	☐	625.000	631.695	3529879.51	0.2739	P	0.8
6	☐	1250.000	1246.888	7039628.11	0.5406	A	1.0
7	☐	2500.000	2505.486	14001857.43	1.0864	A	0.1
8	☐	5000.000	4997.116	28908993.35	2.1667	A	0.7
9	☐			8767.04	0.0007	P	0.9

$$y = 4.3359\text{E-}004 * x + 1.0120\text{E-}005$$

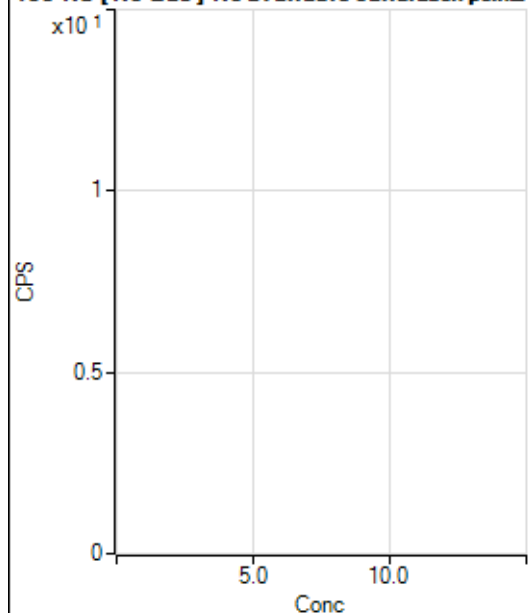
$$R = 1.0000$$

$$DL = 0.01327$$

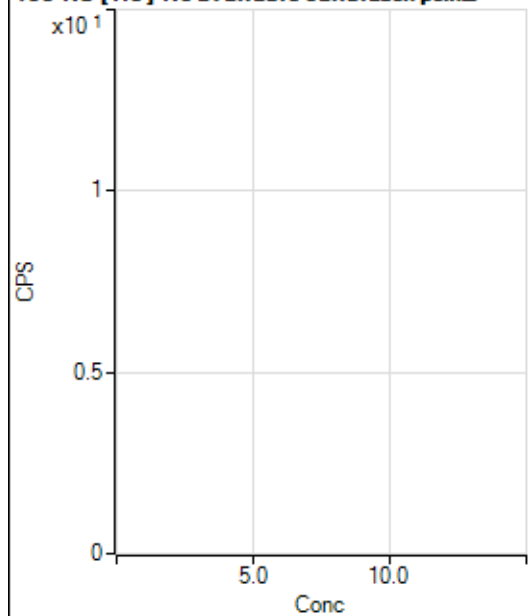
$$BEC = 0.02334$$

Weight: <None>

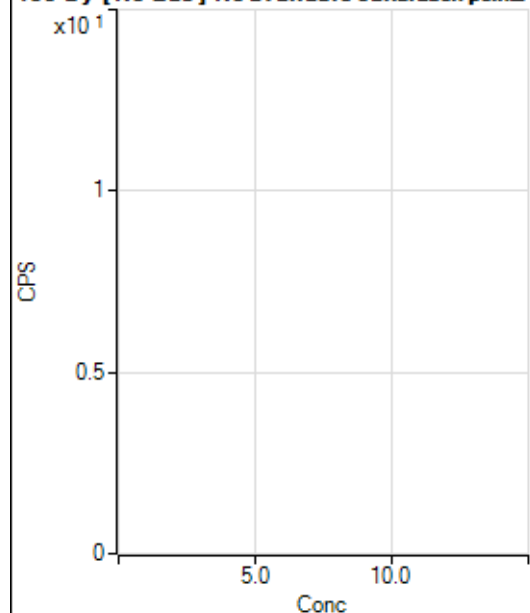
Min Conc: 0

150 Nd [No Gas] No available calibration points

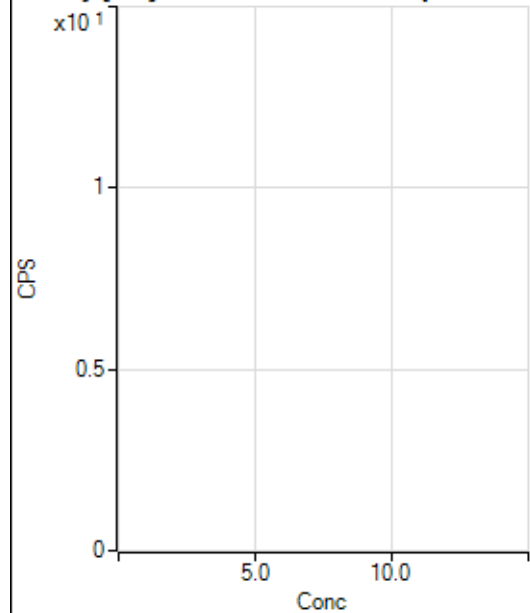
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			4.44		P	173.
4	☐			51.11		P	49.4
5	☐			93.34		P	31.1
6	☐			215.56		P	31.0
7	☐			384.46		P	7.0
8	☐			811.17		P	7.6
9	☐			162.23		P	25.1

150 Nd [He] No available calibration points

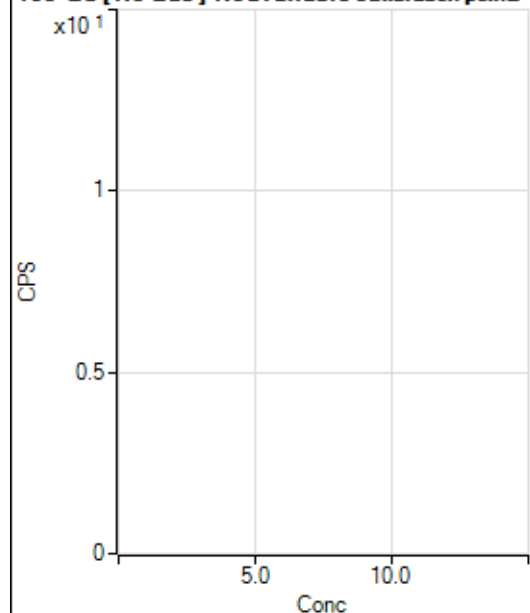
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			5.55		P	124.
5	☐			11.11		P	17.3
6	☐			17.78		P	65.8
7	☐			43.33		P	7.7
8	☐			71.11		P	13.5
9	☐			73.33		P	25.3

156 Dy [No Gas] No available calibration points

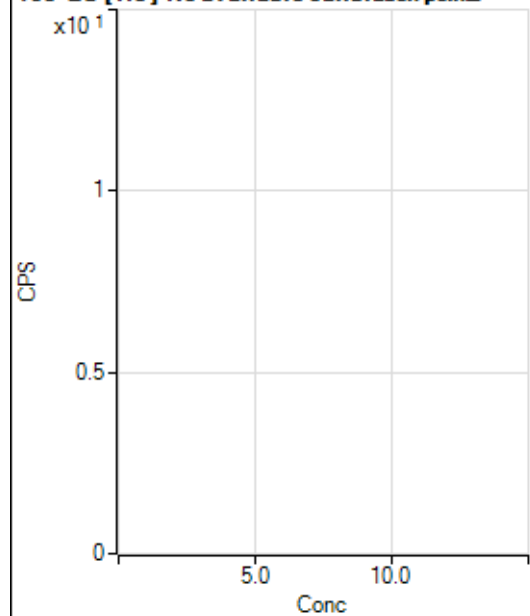
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			13.89		P	34.7
4	☐			13.89		P	34.7
5	☐			41.67		P	69.3
6	☐			83.34		P	60.8
7	☐			138.89		P	21.1
8	☐			216.68		P	7.7
9	☐			155.56		P	24.2

156 Dy [He] No available calibration points

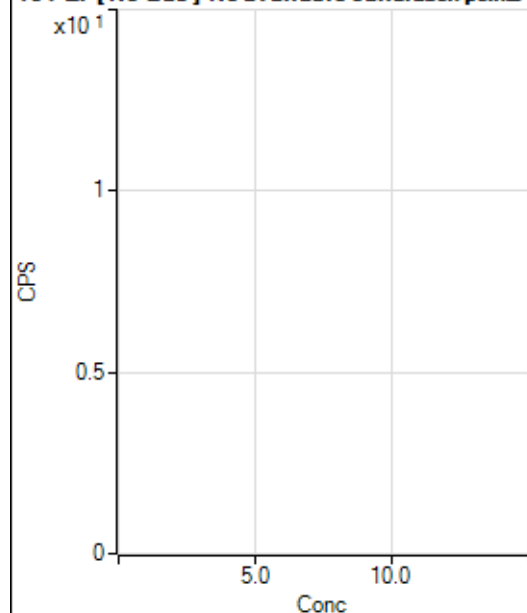
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			4.44		P	114.
4	☐			17.78		P	47.2
5	☐			28.89		P	35.2
6	☐			35.55		P	10.8
7	☐			62.22		P	27.0
8	☐			126.67		P	20.6
9	☐			62.22		P	8.2

160 Gd [No Gas] Noavailable calibration poin_

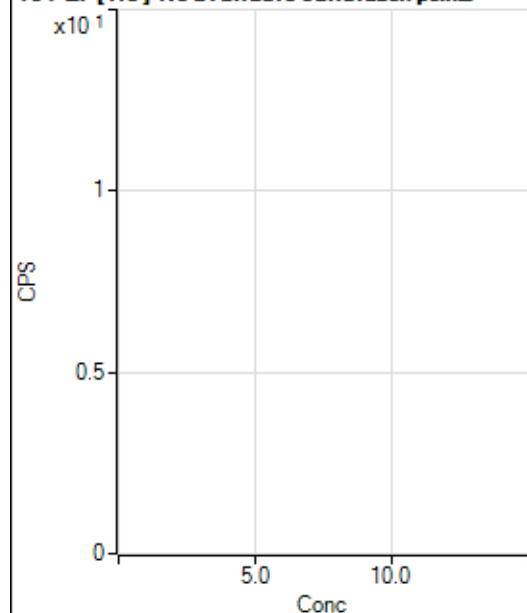
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	7.9
2	☐						
3	☐			138.90		P	34.1
4	☐			116.67		P	32.7
5	☐			138.89		P	18.3
6	☐			141.67		P	21.2
7	☐			222.24		P	32.3
8	☐			197.23		P	6.5
9	☐			233.35		P	7.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	1.7
2	☐						
3	☐			110.00		P	16.9
4	☐			118.89		P	8.6
5	☐			110.00		P	24.1
6	☐			132.23		P	15.2
7	☐			160.00		P	23.7
8	☐			163.34		P	12.4
9	☐			193.34		P	17.0

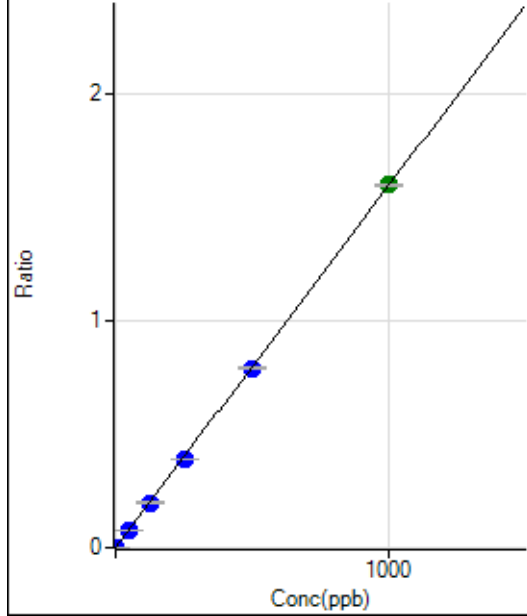
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			72.23		P	26.7
4	☐			25.00		P	57.7
5	☐			30.56		P	56.8
6	☐			44.45		P	10.8
7	☐			69.45		P	36.7
8	☐			86.11		P	39.1
9	☐			113.89		P	15.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	31.2
2	☐						
3	☐			28.89		P	63.6
4	☐			27.78		P	36.7
5	☐			17.78		P	21.7
6	☐			14.44		P	35.3
7	☐			34.44		P	14.8
8	☐			23.34		P	24.7
9	☐			75.56		P	13.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.57	0.0000	P	25.4
2	☐	0.100					
3	☐	1.000	0.903	12498.02	0.0015	P	4.3
4	☐	50.000	48.787	670570.66	0.0779	P	1.4
5	☐	125.000	124.743	1714700.04	0.1991	P	0.4
6	☐	250.000	246.833	3404346.60	0.3939	P	0.2
7	☐	500.000	495.735	6728447.24	0.7910	P	0.7
8	☐	1000.000	1003.017	13835512.29	1.6004	A	0.4
9	☐			5273.52	0.0007	P	10.5

$$y = 0.0016 * x + 2.0762E-005$$

$$R = 1.0000$$

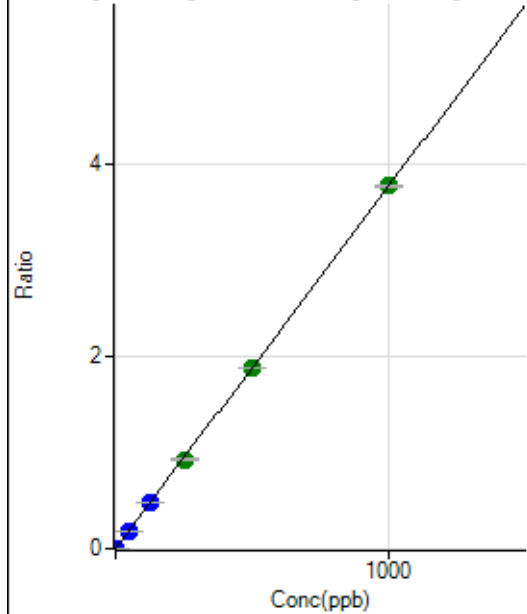
$$DL = 0.009899$$

$$BEC = 0.01301$$

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	425.03	0.0000	P	7.6
2	☐	0.100					
3	☐	1.000	0.905	29597.85	0.0035	P	1.7
4	☐	50.000	49.575	1610433.47	0.1870	P	1.1
5	☐	125.000	127.331	4136469.80	0.4802	P	0.4
6	☐	250.000	246.534	8035846.10	0.9297	A	0.3
7	☐	500.000	498.183	15980080.91	1.8786	A	0.6
8	☐	1000.000	1001.505	32648550.04	3.7766	A	0.7
9	☐			12625.99	0.0017	P	4.9

$$y = 0.0038 * x + 4.8881E-005$$

$$R = 1.0000$$

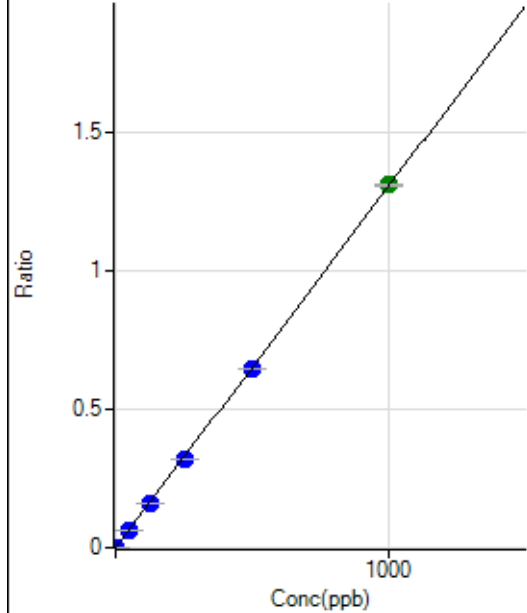
$$DL = 0.002969$$

$$BEC = 0.01296$$

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	1485.31	0.0002	P	10.8
2	☐	0.100					
3	☐	1.000	0.897	11468.22	0.0013	P	4.9
4	☐	50.000	48.468	546595.76	0.0635	P	1.8
5	☐	125.000	123.984	1396305.31	0.1621	P	0.2
6	☐	250.000	244.858	2765564.04	0.3200	P	0.2
7	☐	500.000	493.353	5482218.81	0.6445	P	0.2
8	☐	1000.000	1004.813	11346357.66	1.3125	A	0.7
9	☐			12254.11	0.0016	P	2.6

$$y = 0.0013 * x + 1.7072E-004$$

$$R = 1.0000$$

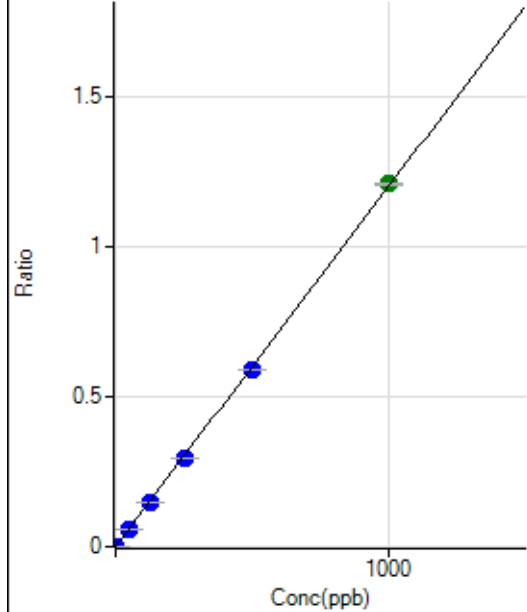
$$DL = 0.04249$$

$$BEC = 0.1307$$

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	1101.93	0.0001	P	9.6
2	☐	0.100					
3	☐	1.000	0.883	10163.40	0.0012	P	2.7
4	☐	50.000	48.468	503136.40	0.0584	P	0.9
5	☐	125.000	122.799	1273312.86	0.1478	P	0.4
6	☐	250.000	243.794	2535426.47	0.2933	P	0.6
7	☐	500.000	489.392	5007781.13	0.5887	P	0.2
8	☐	1000.000	1007.208	10473411.58	1.2115	A	0.7
9	☐			10699.04	0.0014	P	3.2

$$y = 0.0012 * x + 1.2665E-004$$

$$R = 0.9999$$

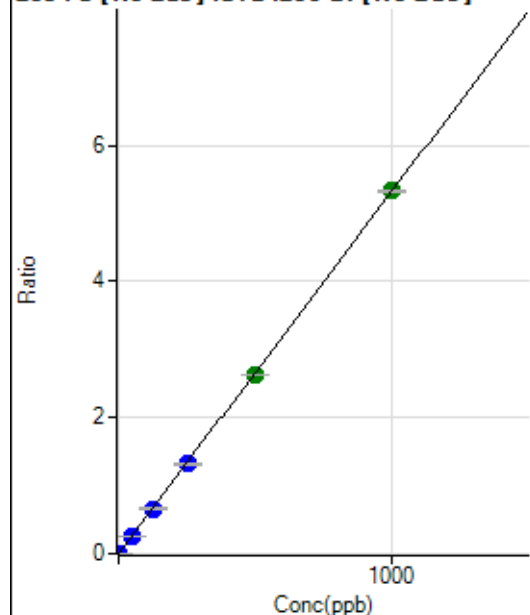
$$DL = 0.03039$$

$$BEC = 0.1053$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5780.32	0.0007	P	2.6
2	☐	0.100					
3	☐	1.000	0.907	46874.54	0.0055	P	2.1
4	☐	50.000	48.985	2246366.42	0.2608	P	1.2
5	☐	125.000	124.731	5712328.43	0.6631	P	0.3
6	☐	250.000	247.250	11356359.80	1.3139	P	0.2
7	☐	500.000	495.752	22402921.28	2.6337	A	0.5
8	☐	1000.000	1002.896	46054093.39	5.3273	A	0.2
9	☐			49070.14	0.0065	P	1.8

$$y = 0.0053 * x + 6.6454E-004$$

$$R = 1.0000$$

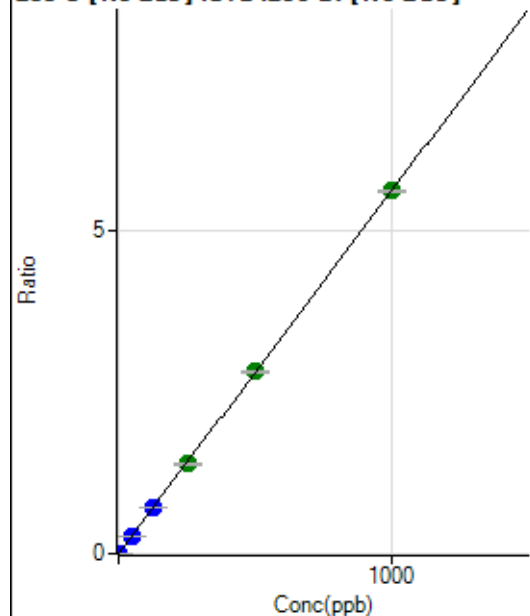
$$DL = 0.009722$$

$$BEC = 0.1251$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.864	41726.49	0.0049	P	0.8
4	☐	50.000	48.683	2360497.21	0.2741	P	1.4
5	☐	125.000	125.041	6063951.00	0.7040	P	0.4
6	☐	250.000	246.539	11996984.82	1.3880	A	0.2
7	☐	500.000	501.471	24014403.49	2.8232	A	0.5
8	☐	1000.000	1000.191	48677871.92	5.6308	A	0.6
9	☐			3978.59	0.0005	P	4.8

$$y = 0.0056 * x + 2.0448E-005$$

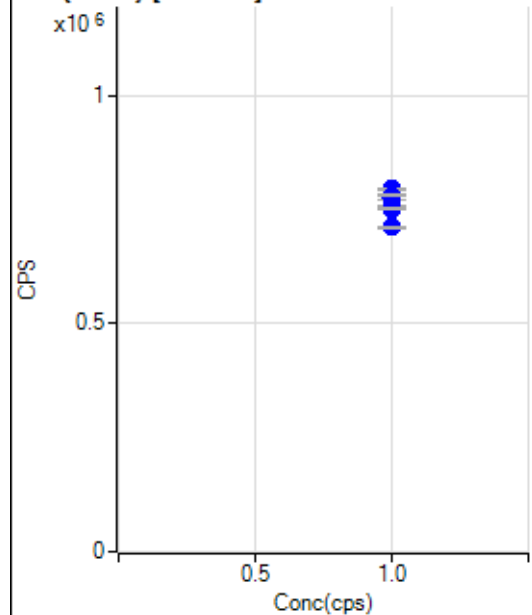
$$R = 1.0000$$

$$DL = 0.001122$$

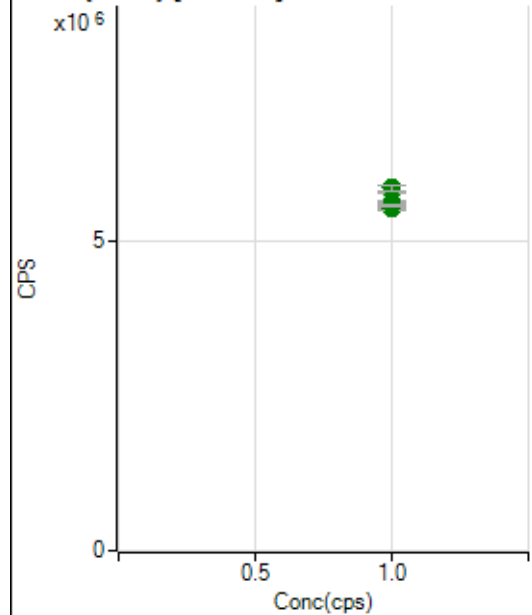
$$BEC = 0.003632$$

Weight: <None>

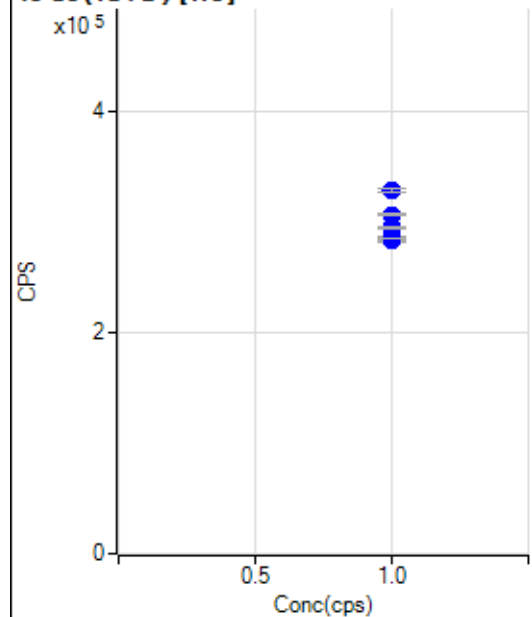
Min Conc: 0

6 Li (ISTD) [No Gas]

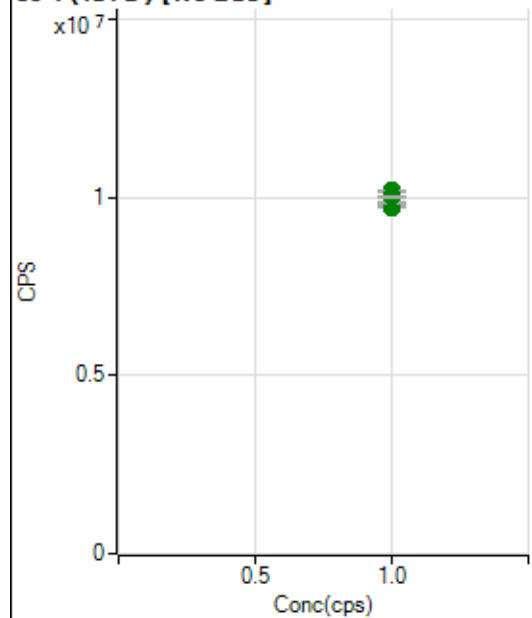
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		774488.36		P	0.7
2	☐	1.000					
3	☐	1.000		782238.16		P	0.6
4	☐	1.000		782843.18		P	0.7
5	☐	1.000		794848.83		P	0.6
6	☐	1.000		779774.91		P	0.5
7	☐	1.000		757299.55		P	0.1
8	☐	1.000		751322.66		P	0.4
9	☐	1.000		710619.28		P	0.5

45 Sc (ISTD) [No Gas]

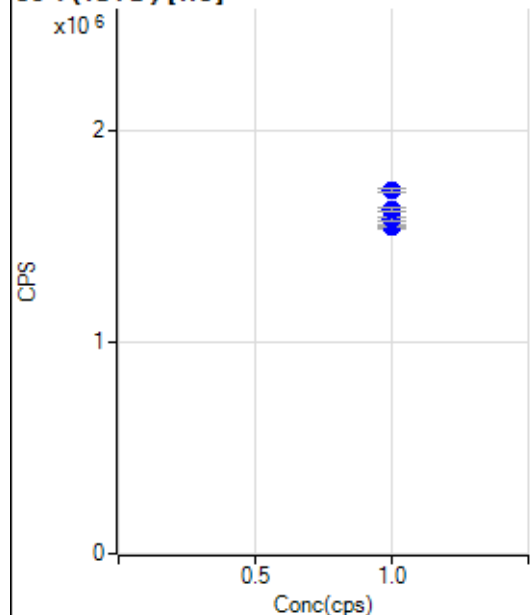
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5633229.99		A	0.7
2	☐	1.000					
3	☐	1.000		5540655.77		A	0.4
4	☐	1.000		5527750.56		A	0.9
5	☐	1.000		5609255.81		A	0.3
6	☐	1.000		5587829.73		A	0.8
7	☐	1.000		5591701.17		A	0.5
8	☐	1.000		5802373.48		A	0.8
9	☐	1.000		5867846.31		A	1.3

45 Sc (ISTD) [He]

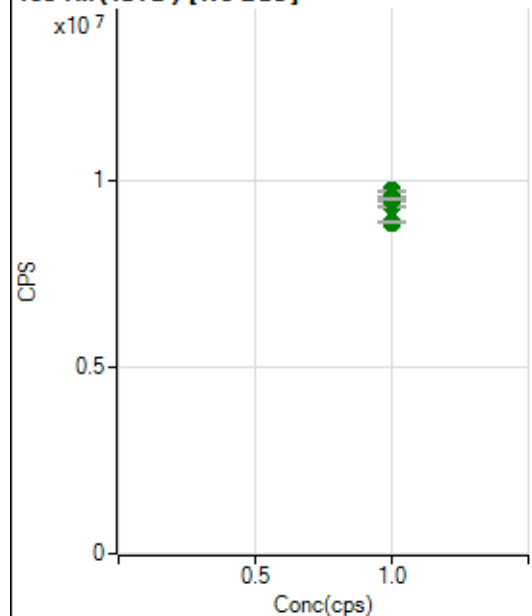
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		285936.64		P	0.4
2	☐	1.000					
3	☐	1.000		285752.97		P	0.8
4	☐	1.000		283640.34		P	0.4
5	☐	1.000		286705.73		P	0.3
6	☐	1.000		286415.45		P	0.2
7	☐	1.000		295564.54		P	0.6
8	☐	1.000		307093.27		P	0.7
9	☐	1.000		328788.10		P	1.1

89 Y (ISTD) [No Gas]

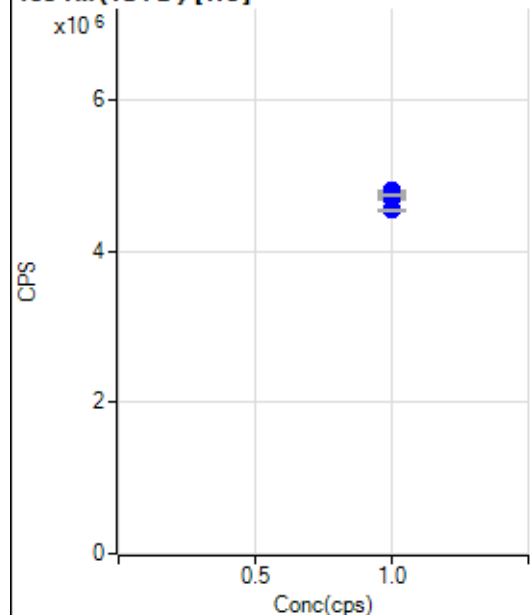
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9870033.39		A	0.3
2	☐	1.000					
3	☐	1.000		9744754.92		A	0.4
4	☐	1.000		9730267.91		A	0.7
5	☐	1.000		9848641.94		A	0.7
6	☐	1.000		9878526.38		A	0.3
7	☐	1.000		9826210.62		A	0.7
8	☐	1.000		10172321.79		A	0.4
9	☐	1.000		10012415.13		A	0.3

89 Y(ISTD) [He]

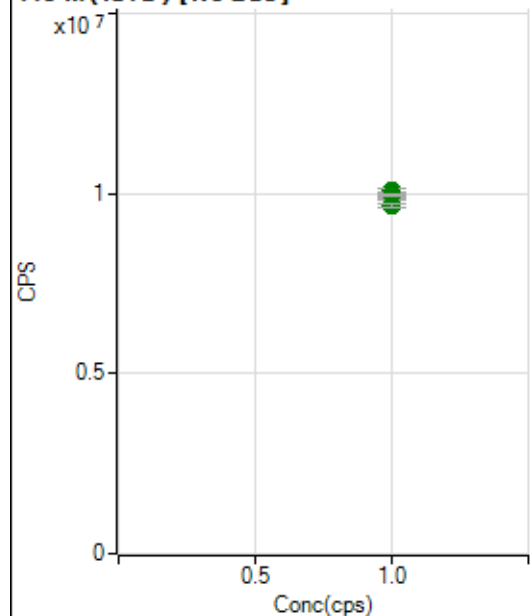
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1548636.89		P	0.3
2	☐	1.000					
3	☐	1.000		1548604.98		P	0.4
4	☐	1.000		1540829.34		P	0.3
5	☐	1.000		1543615.20		P	0.3
6	☐	1.000		1549262.76		P	0.4
7	☐	1.000		1579427.46		P	0.9
8	☐	1.000		1624943.43		P	0.7
9	☐	1.000		1713312.58		P	0.9

103 Rh(ISTD) [No Gas]

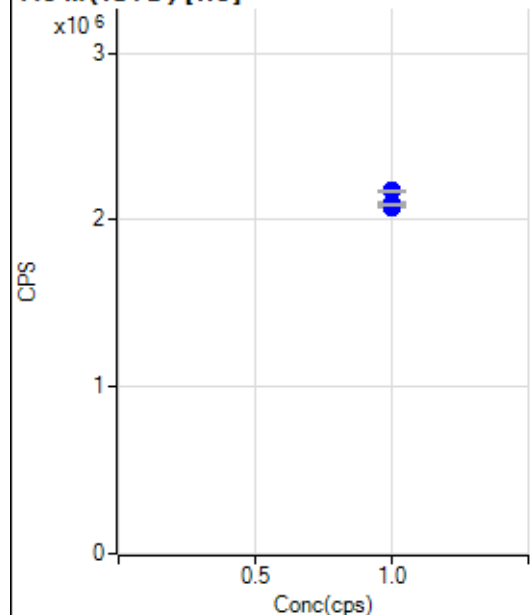
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9705106.64		A	0.7
2	☐	1.000					
3	☐	1.000		9534967.66		A	0.4
4	☐	1.000		9443532.94		A	0.7
5	☐	1.000		9451542.31		A	0.4
6	☐	1.000		9452091.79		A	0.3
7	☐	1.000		9304126.95		A	0.6
8	☐	1.000		9490762.28		A	0.5
9	☐	1.000		8870174.33		A	0.6

103 Rh (ISTD) [He]

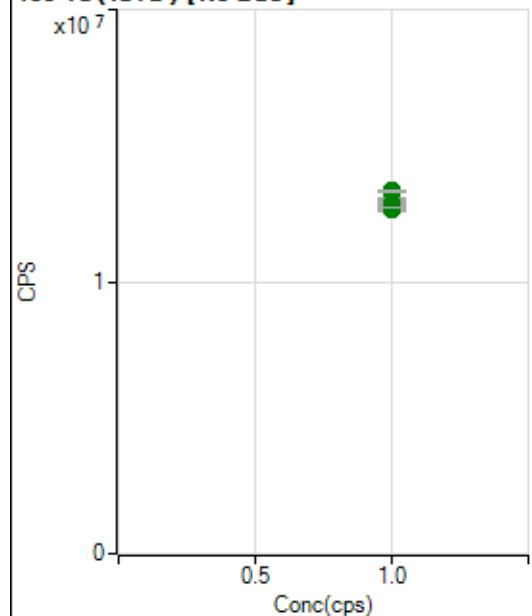
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4803274.34		P	0.1
2	☐	1.000					
3	☐	1.000		4784711.84		P	0.2
4	☐	1.000		4740388.54		P	0.4
5	☐	1.000		4729876.56		P	0.2
6	☐	1.000		4716475.38		P	0.3
7	☐	1.000		4705012.71		P	0.5
8	☐	1.000		4748037.85		P	0.7
9	☐	1.000		4548774.27		P	0.7

115 In (ISTD) [No Gas]

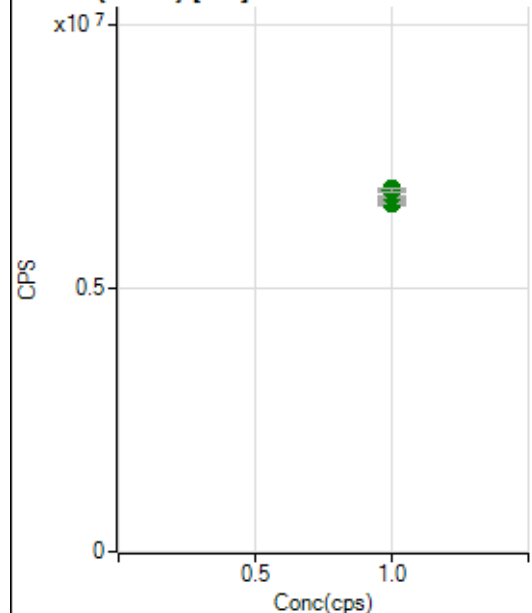
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10065032.49		A	1.0
2	☐	1.000					
3	☐	1.000		9910556.12		A	0.2
4	☐	1.000		9861963.16		A	0.3
5	☐	1.000		9928558.23		A	0.1
6	☐	1.000		9882742.71		A	0.6
7	☐	1.000		9829064.66		A	0.6
8	☐	1.000		9951689.24		A	0.3
9	☐	1.000		9659358.52		A	0.8

115 In (ISTD) [He]

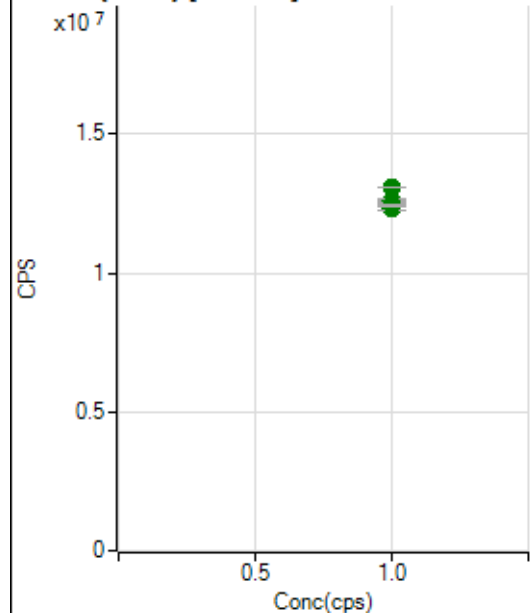
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2100049.96		P	0.1
2	☐	1.000					
3	☐	1.000		2099072.63		P	0.7
4	☐	1.000		2082935.96		P	0.7
5	☐	1.000		2079431.36		P	0.5
6	☐	1.000		2075795.79		P	0.3
7	☐	1.000		2083829.77		P	0.8
8	☐	1.000		2092055.27		P	0.3
9	☐	1.000		2173347.42		P	0.9

159 Tb (ISTD) [No Gas]

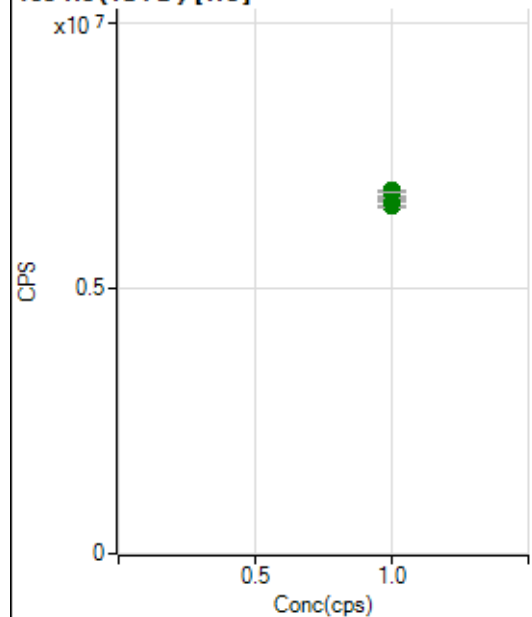
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12892551.89		A	0.5
2	☐	1.000					
3	☐	1.000		12636391.76		A	0.5
4	☐	1.000		12729677.31		A	0.7
5	☐	1.000		12887728.00		A	0.7
6	☐	1.000		13021073.42		A	0.4
7	☐	1.000		12888864.53		A	0.2
8	☐	1.000		13342368.55		A	0.2
9	☐	1.000		12729990.23		A	0.2

159 Tb (ISTD) [He]

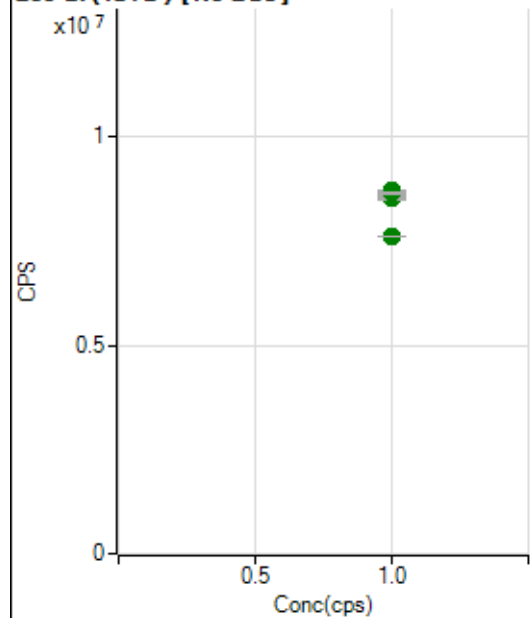
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6695052.61		A	0.3
2	☐	1.000					
3	☐	1.000		6609297.40		A	0.7
4	☐	1.000		6670265.67		A	0.2
5	☐	1.000		6637258.79		A	0.3
6	☐	1.000		6747431.50		A	0.2
7	☐	1.000		6748929.48		A	0.3
8	☐	1.000		6894183.23		A	0.9
9	☐	1.000		6860915.87		A	0.8

165 Ho (ISTD) [No Gas]

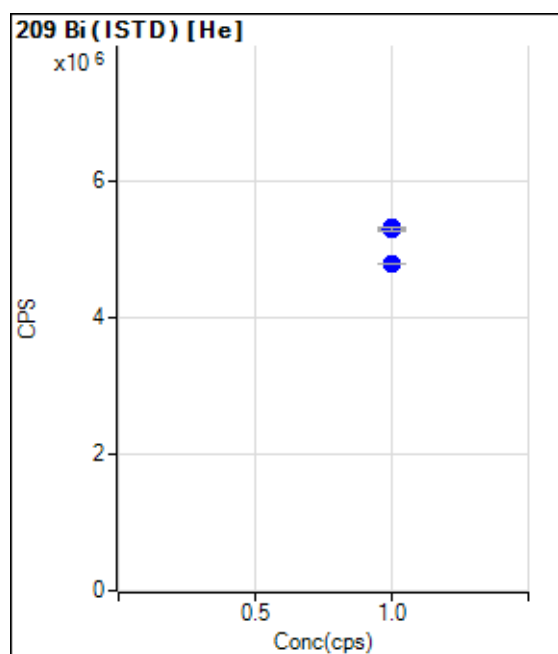
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12556313.39		A	0.4
2	☐	1.000					
3	☐	1.000		12310846.54		A	0.8
4	☐	1.000		12470170.94		A	1.3
5	☐	1.000		12632862.95		A	0.4
6	☐	1.000		12595293.77		A	0.3
7	☐	1.000		12585381.09		A	1.0
8	☐	1.000		13066851.07		A	0.2
9	☐	1.000		12438305.31		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6622740.73		A	0.3
2	☐	1.000					
3	☐	1.000		6547546.36		A	0.3
4	☐	1.000		6553188.65		A	0.6
5	☐	1.000		6637509.69		A	0.4
6	☐	1.000		6645782.05		A	0.7
7	☐	1.000		6716741.36		A	0.7
8	☐	1.000		6833831.22		A	0.2
9	☐	1.000		6809509.76		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8697673.76		A	0.8
2	☐	1.000					
3	☐	1.000		8547084.25		A	0.2
4	☐	1.000		8613286.33		A	1.5
5	☐	1.000		8614081.05		A	0.4
6	☐	1.000		8643539.39		A	0.6
7	☐	1.000		8506193.41		A	0.2
8	☐	1.000		8645000.57		A	0.2
9	☐	1.000		7598517.25		A	0.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5305086.14		P	0.6
2	☐	1.000					
3	☐	1.000		5314764.33		P	0.6
4	☐	1.000		5297792.07		P	0.6
5	☐	1.000		5304244.72		P	0.2
6	☐	1.000		5309794.92		P	0.7
7	☐	1.000		5285755.13		P	0.3
8	☐	1.000		5297788.01		P	0.7
9	☐	1.000		4787293.33		P	0.4

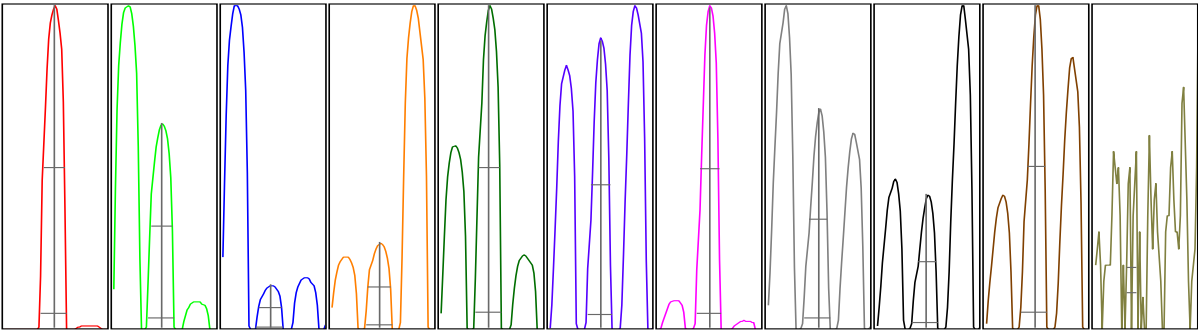
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7100317-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	6016	0.82	5.00		
24	45002	0.25	5.00		
25	6206	0.43	5.00		
26	7264	0.29	5.00		
59	89356	0.21	5.00		
113	10669	0.50	5.00		
115	130551	0.49	5.00		
206	32097	0.28	5.00		
207	28885	0.54	5.00		
208	68806	0.18	5.00		
220	0	39.32			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	5974	5952	6055	6056	6042
24	44889	44900	45135	45094	44991
25	6198	6177	6238	6188	6232
26	7293	7253	7264	7275	7238
59	89556	89300	89117	89539	89267
113	10702	10650	10717	10692	10583
115	131565	130550	130598	129872	130168
206	32003	32067	32140	32043	32234
207	28933	28687	28998	28757	29050
208	68934	68658	68729	68781	68928
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	10176	9.00	8.9 - 9.1		0.779	0.900	
24	74159	23.95	23.9 - 24.1		0.785	0.900	
25	10123	24.95	24.9 - 25.1		0.787	0.900	
26	11943	25.95	25.9 - 26.1		0.784	0.900	
59	154138	58.95	58.9 - 59.1		0.779	0.900	
113	20765	113.05	112.9 - 113.1		0.731	0.900	
115	255646	115.05	114.9 - 115.1		0.729	0.900	
206	63292	206.05	205.9 - 206.1		0.775	0.900	
207	56313	207.00	206.9 - 207.1		0.742	0.900	
208	135918	208.00	207.9 - 208.1		0.756	0.900	
220	0	219.60	-		0.285		

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	11.2	V	Deflect	14.0	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	24448	0.35	
89	11055	0.29	
205	29709	0.43	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	24589	24458	24361	24423	24408
89	11081	11060	11027	11016	11090
205	29860	29666	29797	29694	29528

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	11.2	V	Deflect	2.4	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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 :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	0.30	0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.12	0.20	-0.32	0.00	N/A	ppb
Boron	11-1	0.03	0.02	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.02	0.02	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.24	0.24	-0.48	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	-2.34	-3.09	5.43	0.00	N/A	ppb
Calcium	44-1	4.42	-1.76	-2.66	0.00	N/A	ppb
Chromium	52-2	0.02	0.01	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.84	-0.42	-0.42	0.00	N/A	ppb
Iron	57-2	0.56	-0.03	-0.53	0.00	N/A	ppb
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.10	-0.05	-0.05	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-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	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-4.32	-1.32	-2.30	-2.65		ppb
Potassium	39-2	1.49	0.85	-2.34	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.21	-0.10	-0.10	0.00	N/A	ppb
Selenium	78-2	0.14	-0.23	0.09	0.00	N/A	ppb
Selenium	82-1	0.14	-0.19	0.05	0.00	N/A	ppb
Silicon	28-1	0.03	0.27	-0.30	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	0.51	0.39	-0.90	0.00	N/A	ppb
Strontium	86-1	0.02	-0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-21.22	-196.45	-269.37	-162.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	0.01	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

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

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.49	17.64	17.44	17.86	3.11	ppb
Antimony	121-1	1.76	1.74	1.76	1.75	0.50	ppb
Arsenic	75-2	0.85	0.96	1.01	0.94	8.38	ppb
Barium	135-1	8.74	8.66	9.03	8.81	2.20	ppb
Barium	137-1	9.12	8.87	8.92	8.97	1.44	ppb
Beryllium	9-1	0.92	0.95	0.91	0.93	2.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.85	23.07	21.36	22.09	4.00	ppb
Boron	11-1	22.13	22.53	22.43	22.37	0.94	ppb
Cadmium	111-1	0.94	0.90	1.05	0.96	8.06	ppb
Cadmium	106-1	1.02	0.23	2.16	1.13	85.39	ppb
Cadmium	108-1	0.93	1.23	0.90	1.02	17.55	ppb
Calcium	43-1	436.31	445.03	454.76	445.37	2.07	ppb
Calcium	44-1	445.61	448.99	445.87	446.82	0.42	ppb
Chromium	52-2	2.07	2.08	2.02	2.06	1.50	ppb
Cobalt	59-2	1.00	0.99	1.05	1.01	3.21	ppb
Copper	63-2	1.95	1.93	1.94	1.94	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.47	48.57	47.42	48.49	2.12	ppb
Iron	57-2	54.15	48.92	47.47	50.18	7.00	ppb
Lead	206-1	0.91	0.94	0.84	0.90	5.61	ppb
Lead	207-1	0.90	0.90	0.85	0.88	3.05	ppb
Lead	208-1	0.91	0.93	0.89	0.91	2.34	ppb
Lithium	6-1						%
Magnesium	24-2	470.88	468.46	455.13	464.82	1.82	ppb
Manganese	55-2	1.02	0.97	0.94	0.98	3.72	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	1.88	1.97	1.95	2.92	ppb
Molybdenum	95-1	4.56	4.30	4.38	4.42	3.06	ppb
Molybdenum	96-1	3.87	3.87	3.90	3.88	0.43	ppb
Molybdenum	97-1	4.45	4.56	4.46	4.49	1.29	ppb
Molybdenum	98-1	4.38	4.33	4.36	4.36	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.06	1.07	1.08	1.70	ppb
Phosphorus	31-2	9.50	2.20	-3.76	2.65	251.02	ppb
Potassium	39-2	438.81	432.62	429.90	433.77	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.18	4.27	3.61	4.35	18.07	ppb
Selenium	78-2	4.91	4.32	4.11	4.44	9.34	ppb
Selenium	82-1	4.19	4.72	4.72	4.54	6.67	ppb
Silicon	28-1	13.54	13.48	13.40	13.48	0.53	ppb
Silver	109-1	0.95	0.99	0.96	0.97	1.87	ppb
Silver	107-1	0.96	0.96	0.95	0.95	0.57	ppb
Sodium	23-2	486.02	481.52	474.96	480.83	1.16	ppb
Strontium	86-1	0.94	0.81	0.85	0.87	7.97	ppb
Strontium	88-1	0.92	0.94	0.89	0.92	2.58	ppb
Sulfur	34-1	303.80	88.40	94.83	162.35	75.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.86	0.92	0.90	4.34	ppb
Thallium	205-1	0.92	0.91	0.89	0.91	1.76	ppb
Tin	118-1	4.30	4.56	4.46	4.44	2.91	ppb
Titanium	47-1	4.42	4.59	4.55	4.52	1.98	ppb
Uranium	238-1	0.86	0.86	0.87	0.86	0.84	ppb
Vanadium	51-2	4.51	4.50	4.54	4.51	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.06	1.94	2.12	2.04	4.48	ppb
Zirconium	90-1	0.85	0.83	0.84	0.84	0.86	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.88	0.84	0.87	3.29	ppb

LB Number : LB90536 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-03 10:44:09 DataFile Name : 006CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1005.86	996.62	992.30	998.26	0.69	ppb
Antimony	121-1	48.65	48.37	49.10	48.70	0.76	ppb
Arsenic	75-2	50.59	50.02	50.25	50.29	0.57	ppb
Barium	135-1	250.52	250.50	253.63	251.55	0.72	ppb
Barium	137-1	249.79	252.31	252.93	251.67	0.66	ppb
Beryllium	9-1	51.16	50.60	51.04	50.93	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.86	48.36	49.71	49.31	1.68	ppb
Boron	11-1	49.07	49.74	49.10	49.30	0.76	ppb
Cadmium	111-1	51.85	52.30	51.99	52.05	0.44	ppb
Cadmium	106-1	51.82	52.15	51.47	51.81	0.66	ppb
Cadmium	108-1	52.21	52.00	51.51	51.91	0.69	ppb
Calcium	43-1	4958.21	4842.27	5027.40	4942.63	1.89	ppb
Calcium	44-1	4995.03	5032.47	5109.15	5045.55	1.15	ppb
Chromium	52-2	52.84	52.40	51.98	52.41	0.82	ppb
Cobalt	59-2	53.86	54.19	53.69	53.92	0.47	ppb
Copper	63-2	108.61	109.29	107.49	108.46	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2698.94	2697.92	2669.05	2688.64	0.63	ppb
Iron	57-2	2696.86	2697.04	2669.70	2687.87	0.59	ppb
Lead	206-1	48.45	47.63	49.33	48.47	1.76	ppb
Lead	207-1	48.25	48.20	48.96	48.47	0.87	ppb
Lead	208-1	49.03	48.38	49.54	48.98	1.19	ppb
Lithium	6-1						%
Magnesium	24-2	5244.52	5283.33	5252.01	5259.95	0.39	ppb
Manganese	55-2	104.52	104.52	104.99	104.68	0.26	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:44:09	DataFile Name :	006CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.40	48.69	48.80	48.96	0.77	ppb
Molybdenum	95-1	50.59	49.90	49.67	50.05	0.96	ppb
Molybdenum	96-1	50.51	49.29	49.92	49.91	1.22	ppb
Molybdenum	97-1	50.08	50.09	49.79	49.99	0.33	ppb
Molybdenum	98-1	50.02	48.86	49.22	49.37	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.82	54.31	53.99	54.04	0.46	ppb
Phosphorus	31-2	1048.36	1078.21	1047.94	1058.17	1.64	ppb
Potassium	39-2	2475.50	2467.70	2491.53	2478.24	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	54.32	46.81	49.41	50.18	7.60	ppb
Selenium	78-2	51.73	52.98	50.61	51.78	2.29	ppb
Selenium	82-1	51.01	49.30	50.92	50.41	1.90	ppb
Silicon	28-1	55.14	55.37	56.90	55.81	1.71	ppb
Silver	109-1	50.96	51.60	51.67	51.41	0.76	ppb
Silver	107-1	51.01	51.60	51.42	51.34	0.59	ppb
Sodium	23-2	5406.09	5445.43	5419.57	5423.70	0.37	ppb
Strontium	86-1	51.42	50.73	50.92	51.02	0.69	ppb
Strontium	88-1	51.07	50.74	50.36	50.72	0.71	ppb
Sulfur	34-1	961.52	926.19	1116.58	1001.43	10.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.78	48.13	49.45	48.79	1.36	ppb
Thallium	205-1	49.53	49.05	50.15	49.58	1.11	ppb
Tin	118-1	49.58	49.85	50.14	49.86	0.56	ppb
Titanium	47-1	51.62	51.13	52.00	51.58	0.85	ppb
Uranium	238-1	48.70	47.99	49.36	48.68	1.40	ppb
Vanadium	51-2	51.27	51.51	51.33	51.37	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.45	108.79	107.90	108.05	0.63	ppb
Zirconium	90-1	50.24	49.64	49.71	49.87	0.66	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:44:09	DataFile Name :	006CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.39	49.62	49.96	49.99	0.77	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2458.52	2483.80	2469.96	2470.76	0.51	ppb
Antimony	121-1	122.31	124.68	125.23	124.07	1.25	ppb
Arsenic	75-2	126.43	125.94	125.92	126.10	0.23	ppb
Barium	135-1	625.55	629.08	630.31	628.31	0.39	ppb
Barium	137-1	627.65	630.05	637.38	631.69	0.80	ppb
Beryllium	9-1	125.25	125.01	124.34	124.87	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	117.51	125.61	120.74	121.29	3.36	ppb
Boron	11-1	120.12	122.87	121.29	121.43	1.14	ppb
Cadmium	111-1	129.04	129.63	131.87	130.18	1.14	ppb
Cadmium	106-1	132.23	128.86	134.29	131.79	2.08	ppb
Cadmium	108-1	128.11	127.94	128.07	128.04	0.07	ppb
Calcium	43-1	12344.37	12346.41	12317.64	12336.14	0.13	ppb
Calcium	44-1	12298.20	12422.35	12322.80	12347.78	0.53	ppb
Chromium	52-2	129.16	130.03	129.75	129.65	0.34	ppb
Cobalt	59-2	132.25	132.45	131.90	132.20	0.21	ppb
Copper	63-2	268.72	269.02	268.43	268.72	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6716.90	6661.35	6730.65	6702.97	0.55	ppb
Iron	57-2	6695.62	6677.26	6687.86	6686.91	0.14	ppb
Lead	206-1	123.84	123.87	124.24	123.98	0.18	ppb
Lead	207-1	122.49	122.59	123.31	122.80	0.37	ppb
Lead	208-1	124.73	124.38	125.08	124.73	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	13008.70	13010.11	13066.72	13028.51	0.25	ppb
Manganese	55-2	257.99	259.32	259.05	258.79	0.27	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	125.77	123.39	124.81	124.66	0.96	ppb
Molybdenum	95-1	125.86	123.91	124.71	124.83	0.79	ppb
Molybdenum	96-1	125.14	124.84	126.04	125.34	0.50	ppb
Molybdenum	97-1	126.06	125.05	126.74	125.95	0.68	ppb
Molybdenum	98-1	122.93	122.33	122.87	122.71	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.44	133.63	133.73	133.93	0.33	ppb
Phosphorus	31-2	2498.16	2675.35	2632.81	2602.11	3.55	ppb
Potassium	39-2	6091.17	6118.61	6141.83	6117.21	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	128.00	118.34	134.94	127.09	6.56	ppb
Selenium	78-2	127.23	124.51	122.11	124.62	2.05	ppb
Selenium	82-1	127.24	126.56	127.11	126.97	0.28	ppb
Silicon	28-1	137.11	140.36	140.35	139.27	1.34	ppb
Silver	109-1	127.43	128.27	129.48	128.39	0.80	ppb
Silver	107-1	126.17	127.01	128.28	127.15	0.83	ppb
Sodium	23-2	13395.75	13128.73	13337.66	13287.38	1.06	ppb
Strontium	86-1	127.81	125.39	127.16	126.79	0.99	ppb
Strontium	88-1	127.42	125.73	126.98	126.71	0.69	ppb
Sulfur	34-1	2392.55	2548.80	2353.25	2431.54	4.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.51	124.34	125.38	124.74	0.45	ppb
Thallium	205-1	127.05	127.07	127.87	127.33	0.37	ppb
Tin	118-1	124.37	125.06	125.98	125.14	0.64	ppb
Titanium	47-1	126.42	128.31	126.86	127.20	0.78	ppb
Uranium	238-1	125.38	124.45	125.30	125.04	0.41	ppb
Vanadium	51-2	127.89	127.76	128.84	128.16	0.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	265.71	267.74	266.14	266.53	0.40	ppb
Zirconium	90-1	126.34	125.59	126.52	126.15	0.39	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	127.65	125.37	127.17	126.73	0.95	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4911.72	4910.28	4874.58	4898.86	0.43	ppb
Antimony	121-1	244.20	242.53	245.22	243.98	0.56	ppb
Arsenic	75-2	251.04	248.47	251.11	250.21	0.60	ppb
Barium	135-1	1245.60	1229.47	1247.02	1240.70	0.79	ppb
Barium	137-1	1259.82	1235.08	1245.76	1246.89	1.00	ppb
Beryllium	9-1	253.09	251.73	253.98	252.93	0.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	240.60	251.55	248.82	246.99	2.31	ppb
Boron	11-1	240.51	245.31	247.26	244.36	1.42	ppb
Cadmium	111-1	255.79	253.52	257.46	255.59	0.77	ppb
Cadmium	106-1	252.11	258.19	255.86	255.39	1.20	ppb
Cadmium	108-1	256.51	254.37	252.74	254.54	0.74	ppb
Calcium	43-1	24636.00	24413.61	24589.67	24546.43	0.48	ppb
Calcium	44-1	24120.01	24456.96	24551.93	24376.30	0.93	ppb
Chromium	52-2	257.83	257.16	258.00	257.67	0.17	ppb
Cobalt	59-2	262.26	261.85	262.59	262.23	0.14	ppb
Copper	63-2	528.91	527.40	528.06	528.12	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13243.82	13283.00	13457.92	13328.25	0.86	ppb
Iron	57-2	13201.39	13220.93	13301.69	13241.34	0.40	ppb
Lead	206-1	245.27	244.49	244.81	244.86	0.16	ppb
Lead	207-1	245.00	242.07	244.31	243.79	0.63	ppb
Lead	208-1	247.61	246.57	247.57	247.25	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	25634.15	25907.98	25557.59	25699.91	0.72	ppb
Manganese	55-2	512.44	514.67	519.02	515.38	0.65	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	244.68	247.83	245.91	246.14	0.65	ppb
Molybdenum	95-1	247.91	248.85	247.89	248.22	0.22	ppb
Molybdenum	96-1	248.84	249.39	246.33	248.19	0.66	ppb
Molybdenum	97-1	248.87	250.79	249.58	249.75	0.39	ppb
Molybdenum	98-1	242.83	247.66	244.41	244.97	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.77	262.89	263.25	263.64	0.38	ppb
Phosphorus	31-2	5032.50	5123.76	5249.81	5135.36	2.12	ppb
Potassium	39-2	12168.55	12117.30	12223.21	12169.69	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	265.07	234.69	255.85	251.87	6.18	ppb
Selenium	78-2	256.41	254.31	254.00	254.90	0.51	ppb
Selenium	82-1	250.86	252.29	254.57	252.57	0.74	ppb
Silicon	28-1	280.13	286.13	289.18	285.14	1.61	ppb
Silver	109-1	253.00	249.97	253.45	252.14	0.75	ppb
Silver	107-1	250.28	248.22	250.82	249.78	0.55	ppb
Sodium	23-2	26577.80	26273.92	26285.40	26379.04	0.65	ppb
Strontium	86-1	251.21	250.84	251.29	251.11	0.10	ppb
Strontium	88-1	251.94	251.79	250.63	251.45	0.28	ppb
Sulfur	34-1	5141.65	4897.52	5083.42	5040.86	2.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.96	246.30	247.24	246.83	0.19	ppb
Thallium	205-1	247.46	246.37	245.77	246.53	0.35	ppb
Tin	118-1	244.15	244.24	246.39	244.93	0.52	ppb
Titanium	47-1	250.94	251.90	255.53	252.79	0.96	ppb
Uranium	238-1	246.01	246.99	246.61	246.54	0.20	ppb
Vanadium	51-2	253.13	254.68	254.36	254.05	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	525.09	524.18	523.77	524.34	0.13	ppb
Zirconium	90-1	245.94	252.86	248.12	248.97	1.42	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.08	250.99	249.98	250.02	0.38	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9702.20	9643.14	9595.92	9647.09	0.55	ppb
Antimony	121-1	493.33	500.64	498.96	497.64	0.77	ppb
Arsenic	75-2	500.40	497.36	499.54	499.10	0.31	ppb
Barium	135-1	2470.92	2530.40	2498.09	2499.80	1.19	ppb
Barium	137-1	2504.10	2502.97	2509.39	2505.49	0.14	ppb
Beryllium	9-1	504.72	502.50	498.93	502.05	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	500.35	506.54	504.27	503.72	0.62	ppb
Boron	11-1	493.30	493.86	502.50	496.55	1.04	ppb
Cadmium	111-1	504.20	509.37	509.93	507.83	0.62	ppb
Cadmium	106-1	504.98	504.72	515.83	508.51	1.25	ppb
Cadmium	108-1	500.22	509.26	503.73	504.40	0.90	ppb
Calcium	43-1	48757.59	48316.28	48835.55	48636.47	0.58	ppb
Calcium	44-1	48820.60	48545.70	48744.94	48703.75	0.29	ppb
Chromium	52-2	507.13	506.03	505.51	506.22	0.16	ppb
Cobalt	59-2	511.69	515.00	508.87	511.86	0.60	ppb
Copper	63-2	1018.92	1026.04	1012.09	1019.02	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26447.23	26085.63	26171.17	26234.68	0.72	ppb
Iron	57-2	26037.21	26021.13	25862.99	25973.78	0.37	ppb
Lead	206-1	492.21	494.02	493.83	493.35	0.20	ppb
Lead	207-1	488.37	490.72	489.08	489.39	0.25	ppb
Lead	208-1	493.90	498.35	495.01	495.75	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	50921.38	50346.16	50047.59	50438.38	0.88	ppb
Manganese	55-2	1016.86	1009.80	1012.83	1013.16	0.35	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.06	502.38	500.07	501.50	0.25	ppb
Molybdenum	95-1	494.88	502.50	497.52	498.30	0.78	ppb
Molybdenum	96-1	495.12	508.05	499.32	500.83	1.32	ppb
Molybdenum	97-1	494.15	509.51	498.98	500.88	1.57	ppb
Molybdenum	98-1	488.39	501.03	489.85	493.09	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.77	513.17	508.96	510.63	0.44	ppb
Phosphorus	31-2	10187.95	10053.50	9996.97	10079.48	0.97	ppb
Potassium	39-2	24429.45	23975.27	24147.58	24184.10	0.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	481.61	500.72	520.97	501.10	3.93	ppb
Selenium	78-2	494.06	503.61	502.66	500.11	1.05	ppb
Selenium	82-1	501.34	510.22	504.48	505.35	0.89	ppb
Silicon	28-1	518.93	518.96	533.47	523.79	1.60	ppb
Silver	109-1	503.11	507.97	509.36	506.81	0.65	ppb
Silver	107-1	504.07	503.65	510.59	506.10	0.77	ppb
Sodium	23-2	51545.16	51360.34	51094.89	51333.46	0.44	ppb
Strontium	86-1	497.80	504.04	502.92	501.59	0.66	ppb
Strontium	88-1	497.90	504.73	499.46	500.70	0.72	ppb
Sulfur	34-1	10067.86	9825.02	10053.56	9982.14	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.73	499.00	496.48	495.74	0.74	ppb
Thallium	205-1	494.55	500.60	499.40	498.18	0.64	ppb
Tin	118-1	489.54	498.41	494.93	494.29	0.90	ppb
Titanium	47-1	499.21	499.42	507.51	502.05	0.94	ppb
Uranium	238-1	503.49	502.43	498.49	501.47	0.53	ppb
Vanadium	51-2	506.32	501.27	503.15	503.58	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1017.84	1024.93	1023.01	1021.93	0.36	ppb
Zirconium	90-1	495.18	506.75	503.99	501.97	1.20	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.97	503.89	500.45	500.43	0.69	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18959.32	19155.48	18779.65	18964.81	0.99	ppb
Antimony	121-1	1004.27	997.72	1006.60	1002.86	0.46	ppb
Arsenic	75-2	1003.99	999.70	997.05	1000.25	0.35	ppb
Barium	135-1	4990.81	5002.63	5012.36	5001.93	0.22	ppb
Barium	137-1	4964.13	4995.97	5031.25	4997.12	0.67	ppb
Beryllium	9-1	1003.67	1009.93	981.04	998.21	1.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	992.71	1014.14	991.55	999.46	1.27	ppb
Boron	11-1	997.02	1014.67	999.35	1003.68	0.96	ppb
Cadmium	111-1	995.52	996.49	989.79	993.94	0.36	ppb
Cadmium	106-1	990.65	998.34	991.39	993.46	0.43	ppb
Cadmium	108-1	993.14	1005.98	989.44	996.19	0.87	ppb
Calcium	43-1	96671.27	96275.84	96469.85	96472.32	0.20	ppb
Calcium	44-1	97642.10	97094.28	96815.30	97183.89	0.43	ppb
Chromium	52-2	994.95	1001.74	986.12	994.27	0.79	ppb
Cobalt	59-2	993.40	998.88	977.47	989.92	1.12	ppb
Copper	63-2	1987.44	1998.02	1956.63	1980.70	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51429.68	51527.94	50371.73	51109.78	1.25	ppb
Iron	57-2	50821.28	51521.80	50210.84	50851.31	1.29	ppb
Lead	206-1	1009.09	1008.85	996.50	1004.81	0.72	ppb
Lead	207-1	1014.31	1007.56	999.75	1007.21	0.72	ppb
Lead	208-1	1004.43	1000.23	1004.02	1002.90	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	98728.96	98267.61	97633.82	98210.13	0.56	ppb
Manganese	55-2	1993.40	1999.41	1971.92	1988.24	0.73	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1008.28	998.94	993.75	1000.32	0.74	ppb
Molybdenum	95-1	1007.52	1002.79	993.64	1001.32	0.70	ppb
Molybdenum	96-1	1006.86	992.86	1000.30	1000.01	0.70	ppb
Molybdenum	97-1	998.52	1000.35	999.65	999.51	0.09	ppb
Molybdenum	98-1	1007.54	1010.11	997.45	1005.03	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.27	1001.49	980.10	989.96	1.09	ppb
Phosphorus	31-2	19804.04	20278.66	19649.56	19910.75	1.65	ppb
Potassium	39-2	47807.75	47745.16	47175.55	47576.15	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1020.34	982.79	993.02	998.72	1.94	ppb
Selenium	78-2	986.99	1002.00	1007.05	998.68	1.04	ppb
Selenium	82-1	995.34	1000.49	993.43	996.42	0.37	ppb
Silicon	28-1	969.37	973.29	988.97	977.21	1.06	ppb
Silver	109-1	994.47	1006.82	985.40	995.56	1.08	ppb
Silver	107-1	1003.55	994.69	991.76	996.67	0.62	ppb
Sodium	23-2	101948.76	100791.20	99434.61	100724.86	1.25	ppb
Strontium	86-1	991.81	1002.76	1001.39	998.65	0.60	ppb
Strontium	88-1	992.71	1005.59	998.81	999.04	0.64	ppb
Sulfur	34-1	20029.12	19717.70	20274.78	20007.20	1.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1008.07	1000.45	1000.54	1003.02	0.44	ppb
Thallium	205-1	1009.05	995.23	1000.23	1001.50	0.70	ppb
Tin	118-1	1010.37	1003.02	998.95	1004.12	0.58	ppb
Titanium	47-1	999.79	997.01	996.97	997.93	0.16	ppb
Uranium	238-1	1006.78	994.19	999.60	1000.19	0.63	ppb
Vanadium	51-2	996.18	1000.10	993.91	996.73	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1984.88	1998.15	1958.42	1980.48	1.02	ppb
Zirconium	90-1	1004.28	991.52	1001.60	999.13	0.67	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.79	998.91	1002.98	999.56	0.31	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101098.12	99926.67	99719.62	100248.13	0.74	ppb
Antimony	121-1	2.07	2.06	1.99	2.04	1.99	ppb
Arsenic	75-2	0.50	0.46	0.53	0.50	6.59	ppb
Barium	135-1	1.50	1.58	1.49	1.52	3.36	ppb
Barium	137-1	1.58	1.56	1.55	1.57	0.90	ppb
Beryllium	9-1	0.09	0.11	0.09	0.10	14.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.75	8.16	8.08	8.33	4.39	ppb
Boron	11-1	9.98	8.94	8.02	8.98	10.91	ppb
Cadmium	111-1	0.24	0.22	0.09	0.18	44.02	ppb
Cadmium	106-1	1.90	1.58	-0.10	1.13	95.75	ppb
Cadmium	108-1	0.12	0.07	0.11	0.10	25.06	ppb
Calcium	43-1	499768.32	505910.31	496929.25	500869.29	0.92	ppb
Calcium	44-1	504390.07	502350.84	495441.40	500727.44	0.94	ppb
Chromium	52-2	9.61	9.39	9.25	9.42	1.97	ppb
Cobalt	59-2	1.10	1.08	1.04	1.07	2.48	ppb
Copper	63-2	2.28	2.21	2.11	2.20	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251632.20	249024.09	248143.57	249599.95	0.73	ppb
Iron	57-2	250866.34	248948.65	249232.49	249682.49	0.41	ppb
Lead	206-1	1.10	1.07	1.14	1.10	2.90	ppb
Lead	207-1	1.05	1.04	1.11	1.07	3.53	ppb
Lead	208-1	1.07	1.09	1.11	1.09	1.96	ppb
Lithium	6-1						%
Magnesium	24-2	506753.80	498819.87	495216.42	500263.36	1.18	ppb
Manganese	55-2	6.59	6.67	6.52	6.59	1.08	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CAL5_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.74	0.69	0.76	0.73	5.31	ppb
Molybdenum	95-1	2.00	2.00	1.89	1.96	3.05	ppb
Molybdenum	96-1	2.15	2.16	2.13	2.15	0.80	ppb
Molybdenum	97-1	1.96	1.93	1.96	1.95	0.85	ppb
Molybdenum	98-1	1.90	1.85	1.79	1.85	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.40	4.32	4.21	4.31	2.22	ppb
Phosphorus	31-2	7.22	9.57	13.56	10.12	31.71	ppb
Potassium	39-2	252648.31	250117.88	248993.44	250586.55	0.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.03	-0.10	1.29	0.74	100.37	ppb
Selenium	78-2	-0.01	1.21	1.29	0.83	88.25	ppb
Selenium	82-1	-0.27	0.13	-0.01	-0.05		ppb
Silicon	28-1	13.72	14.00	12.54	13.42	5.78	ppb
Silver	109-1	0.09	0.08	0.09	0.09	3.93	ppb
Silver	107-1	0.09	0.10	0.08	0.09	9.74	ppb
Sodium	23-2	506255.54	497957.64	494673.30	499628.83	1.19	ppb
Strontium	86-1	35.19	35.09	34.49	34.92	1.08	ppb
Strontium	88-1	34.52	34.48	34.44	34.48	0.11	ppb
Sulfur	34-1	-1038.62	-920.69	-1082.99	-1014.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.46	0.44	0.37	0.42	10.84	ppb
Thallium	205-1	0.45	0.42	0.41	0.43	5.07	ppb
Tin	118-1	0.49	0.50	0.43	0.48	8.38	ppb
Titanium	47-1	0.74	0.81	0.82	0.79	5.91	ppb
Uranium	238-1	0.09	0.08	0.09	0.09	5.04	ppb
Vanadium	51-2	0.15	0.13	0.13	0.14	8.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.92	3.45	3.53	3.63	7.01	ppb
Zirconium	90-1	0.19	0.16	0.18	0.17	7.14	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CALS_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.14	0.16	11.87	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.50	485.02	487.73	485.42	0.44	ppb
Antimony	121-1	186.68	186.52	185.50	186.23	0.34	ppb
Arsenic	75-2	191.36	189.57	189.35	190.10	0.58	ppb
Barium	135-1	96.58	96.92	96.16	96.55	0.40	ppb
Barium	137-1	96.68	97.19	95.56	96.48	0.86	ppb
Beryllium	9-1	95.65	96.92	97.70	96.76	1.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	540.89	543.42	533.32	539.21	0.97	ppb
Boron	11-1	536.93	532.31	538.25	535.83	0.58	ppb
Cadmium	111-1	101.11	103.23	101.82	102.05	1.06	ppb
Cadmium	106-1	164.18	167.53	167.01	166.24	1.09	ppb
Cadmium	108-1	136.58	141.01	136.58	138.05	1.85	ppb
Calcium	43-1	2159.82	2189.63	2177.23	2175.56	0.69	ppb
Calcium	44-1	2145.87	2157.22	2169.01	2157.37	0.54	ppb
Chromium	52-2	94.15	94.22	93.94	94.10	0.16	ppb
Cobalt	59-2	96.86	97.49	96.60	96.98	0.47	ppb
Copper	63-2	96.84	97.66	96.95	97.15	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	970.86	973.90	977.86	974.20	0.36	ppb
Iron	57-2	973.55	967.11	972.37	971.01	0.35	ppb
Lead	206-1	188.55	187.22	190.67	188.81	0.92	ppb
Lead	207-1	178.66	177.94	181.91	179.50	1.18	ppb
Lead	208-1	185.69	184.79	187.65	186.04	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	1128.41	1131.21	1122.21	1127.27	0.41	ppb
Manganese	55-2	96.14	96.79	96.80	96.58	0.39	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.22	495.13	491.82	492.72	0.43	ppb
Molybdenum	95-1	490.23	487.97	491.65	489.95	0.38	ppb
Molybdenum	96-1	490.34	489.57	488.88	489.60	0.15	ppb
Molybdenum	97-1	490.52	491.15	487.98	489.88	0.34	ppb
Molybdenum	98-1	495.87	491.25	494.52	493.88	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.51	99.69	98.33	98.84	0.75	ppb
Phosphorus	31-2	13.42	4.21	-21.47	-1.28		ppb
Potassium	39-2	1852.92	1866.20	1862.61	1860.57	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	194.47	202.12	192.29	196.29	2.63	ppb
Selenium	78-2	201.88	197.01	198.87	199.25	1.23	ppb
Selenium	82-1	196.53	192.16	195.07	194.59	1.14	ppb
Silicon	28-1	464.39	468.37	475.43	469.39	1.19	ppb
Silver	109-1	98.58	99.11	98.23	98.64	0.45	ppb
Silver	107-1	98.39	99.36	98.31	98.69	0.59	ppb
Sodium	23-2	1952.79	1972.12	1966.46	1963.79	0.51	ppb
Strontium	86-1	498.88	496.10	495.76	496.91	0.34	ppb
Strontium	88-1	501.86	496.12	497.96	498.65	0.59	ppb
Sulfur	34-1	-2264.16	-2283.97	-2261.18	-2269.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	191.96	192.27	194.96	193.07	0.85	ppb
Thallium	205-1	195.07	194.23	198.69	196.00	1.21	ppb
Tin	118-1	502.40	502.89	500.07	501.78	0.30	ppb
Titanium	47-1	489.16	494.67	497.56	493.80	0.86	ppb
Uranium	238-1	505.54	499.21	510.14	504.96	1.09	ppb
Vanadium	51-2	93.11	94.04	93.30	93.48	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	194.63	197.54	194.42	195.53	0.89	ppb
Zirconium	90-1	491.47	495.51	493.40	493.46	0.41	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.81	493.96	486.35	489.70	0.79	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:19:40	DataFile Name :	014CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	0.28	0.12	-0.03		ppb
Antimony	121-1	0.35	0.36	0.37	0.36	3.04	ppb
Arsenic	75-2	0.06	0.08	0.06	0.07	14.48	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	29.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.32	4.27	3.32	3.64	15.17	ppb
Boron	11-1	4.08	3.28	3.66	3.67	10.91	ppb
Cadmium	111-1	-0.01	-0.01	0.04	0.01	445.95	ppb
Cadmium	106-1	-0.28	-0.10	0.48	0.04	1117.82	ppb
Cadmium	108-1	-0.03	0.05	0.05	0.02	186.25	ppb
Calcium	43-1	0.53	-0.41	-3.03	-0.97		ppb
Calcium	44-1	93.91	96.14	97.26	95.77	1.78	ppb
Chromium	52-2	0.02	0.04	0.02	0.02	49.83	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.06	0.03	108.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.09	0.03	-0.04	-0.03		ppb
Iron	57-2	0.68	0.85	-0.17	0.45	121.12	ppb
Lead	206-1	0.07	0.08	0.09	0.08	15.81	ppb
Lead	207-1	0.08	0.10	0.12	0.10	16.40	ppb
Lead	208-1	0.08	0.08	0.10	0.09	10.19	ppb
Lithium	6-1						%
Magnesium	24-2	0.08	0.29	0.08	0.15	79.12	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:19:40	DataFile Name :	014CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.09	0.08	15.87	ppb
Molybdenum	95-1	0.23	0.21	0.22	0.22	4.66	ppb
Molybdenum	96-1	0.18	0.18	0.17	0.18	1.79	ppb
Molybdenum	97-1	0.21	0.22	0.21	0.21	3.36	ppb
Molybdenum	98-1	0.23	0.21	0.21	0.22	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.06	-0.04		ppb
Phosphorus	31-2	-0.99	-6.62	0.44	-2.39		ppb
Potassium	39-2	7.21	11.11	8.66	8.99	21.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.17	-0.10	-0.10	-0.01		ppb
Selenium	78-2	0.77	0.40	-0.08	0.36	117.99	ppb
Selenium	82-1	-0.38	-0.23	-0.89	-0.50		ppb
Silicon	28-1	-1.46	-1.51	-1.97	-1.64		ppb
Silver	109-1	0.01	0.01	0.00	0.01	35.05	ppb
Silver	107-1	0.00	0.01	0.00	0.01	64.03	ppb
Sodium	23-2	57.79	57.73	56.40	57.31	1.37	ppb
Strontium	86-1	-0.03	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	83.03	ppb
Sulfur	34-1	-2089.61	-2034.38	-2078.41	-2067.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.05	0.04	18.10	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.60	ppb
Tin	118-1	0.24	0.22	0.23	0.23	2.69	ppb
Titanium	47-1	0.05	0.09	0.04	0.06	44.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	30.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	-0.03	-0.04	-0.06		ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	9.52	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:19:40	DataFile Name :	014CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.02	0.03	23.84	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88550.16	89243.30	88507.65	88767.03	0.47	ppb
Antimony	121-1	1.39	1.39	1.40	1.39	0.43	ppb
Arsenic	75-2	0.40	0.40	0.38	0.39	3.31	ppb
Barium	135-1	1.38	1.40	1.58	1.46	7.58	ppb
Barium	137-1	1.45	1.46	1.45	1.45	0.56	ppb
Beryllium	9-1	0.31	0.28	0.36	0.32	13.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.73	6.82	7.09	6.21	20.82	ppb
Boron	11-1	6.60	7.00	6.85	6.81	2.98	ppb
Cadmium	111-1	0.33	0.47	0.45	0.41	18.06	ppb
Cadmium	106-1	-0.22	0.67	-0.46	0.00		ppb
Cadmium	108-1	13.22	12.16	11.53	12.30	6.95	ppb
Calcium	43-1	93911.51	94101.14	95183.11	94398.58	0.73	ppb
Calcium	44-1	94539.08	94709.62	96878.27	95375.66	1.37	ppb
Chromium	52-2	19.64	19.81	19.68	19.71	0.44	ppb
Cobalt	59-2	1.16	1.12	1.10	1.13	2.59	ppb
Copper	63-2	8.32	8.36	8.16	8.28	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99802.16	100905.48	99814.81	100174.15	0.63	ppb
Iron	57-2	100500.89	102102.63	100386.18	100996.57	0.95	ppb
Lead	206-1	5.01	5.19	5.12	5.11	1.78	ppb
Lead	207-1	4.52	4.68	4.54	4.58	1.94	ppb
Lead	208-1	4.80	4.91	4.86	4.86	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	97142.79	96350.68	95712.13	96401.86	0.74	ppb
Manganese	55-2	7.79	7.89	7.84	7.84	0.65	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	590.54	586.73	575.38	584.22	1.35	ppb
Molybdenum	95-1	1903.82	1898.55	1862.28	1888.22	1.20	ppb
Molybdenum	96-1	1598.34	1574.36	1548.51	1573.74	1.58	ppb
Molybdenum	97-1	1947.63	1925.70	1899.60	1924.31	1.25	ppb
Molybdenum	98-1	1905.09	1885.98	1883.73	1891.60	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.34	5.34	5.35	0.33	ppb
Phosphorus	31-2	98482.45	98099.24	97502.37	98028.02	0.50	ppb
Potassium	39-2	95812.37	95919.02	95216.42	95649.27	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.46	0.17	0.18	0.27	60.21	ppb
Selenium	78-2	0.10	-0.19	-0.22	-0.10		ppb
Selenium	82-1	0.14	-0.23	-0.06	-0.05		ppb
Silicon	28-1	18.93	20.85	21.90	20.56	7.32	ppb
Silver	109-1	0.11	0.14	0.15	0.14	16.95	ppb
Silver	107-1	0.11	0.14	0.14	0.13	12.98	ppb
Sodium	23-2	98070.67	99103.45	98588.87	98587.66	0.52	ppb
Strontium	86-1	33.70	32.96	32.39	33.02	1.99	ppb
Strontium	88-1	33.08	32.89	32.32	32.76	1.20	ppb
Sulfur	34-1	77089.11	77955.41	79013.89	78019.47	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.13	0.13	0.13	4.76	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.53	ppb
Tin	118-1	0.24	0.28	0.27	0.27	7.61	ppb
Titanium	47-1	1900.96	1917.45	1917.37	1911.93	0.50	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.80	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	2.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.53	11.17	11.34	11.35	1.59	ppb
Zirconium	90-1	0.25	0.19	0.19	0.21	14.98	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.16	0.18	0.19	18.34	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:26:30	DataFile Name :	016ICSB_P7100317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88103.52	89326.61	87712.96	88381.03	0.95	ppb
Antimony	121-1	20.53	20.64	20.55	20.57	0.28	ppb
Arsenic	75-2	20.20	19.64	20.14	19.99	1.55	ppb
Barium	135-1	21.15	20.98	21.30	21.15	0.76	ppb
Barium	137-1	21.05	21.33	21.59	21.32	1.26	ppb
Beryllium	9-1	20.77	20.62	20.75	20.71	0.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.05	67.63	70.96	68.54	3.07	ppb
Boron	11-1	71.08	71.64	71.72	71.48	0.48	ppb
Cadmium	111-1	20.40	20.62	20.68	20.57	0.70	ppb
Cadmium	106-1	24.49	24.33	26.11	24.98	3.96	ppb
Cadmium	108-1	34.43	34.65	35.35	34.81	1.37	ppb
Calcium	43-1	94721.88	95099.34	95828.75	95216.66	0.59	ppb
Calcium	44-1	95990.59	95452.50	95851.74	95764.95	0.29	ppb
Chromium	52-2	39.40	39.93	39.67	39.67	0.67	ppb
Cobalt	59-2	21.22	21.79	21.47	21.50	1.33	ppb
Copper	63-2	28.24	28.67	28.59	28.50	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100896.50	101417.17	100532.62	100948.77	0.44	ppb
Iron	57-2	100592.85	101341.23	100864.48	100932.85	0.38	ppb
Lead	206-1	25.00	25.03	25.00	25.01	0.07	ppb
Lead	207-1	22.73	22.80	22.77	22.77	0.15	ppb
Lead	208-1	23.86	23.88	23.74	23.83	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	96841.21	97446.90	96521.85	96936.66	0.48	ppb
Manganese	55-2	27.98	28.45	28.10	28.18	0.87	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:26:30	DataFile Name :	016ICSB_P7100317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	651.48	644.33	644.88	646.90	0.61	ppb
Molybdenum	95-1	1955.63	1948.09	1945.45	1949.72	0.27	ppb
Molybdenum	96-1	1638.46	1619.07	1640.50	1632.67	0.72	ppb
Molybdenum	97-1	2000.33	1987.11	2001.16	1996.20	0.39	ppb
Molybdenum	98-1	1985.20	1952.67	1958.76	1965.55	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	25.43	25.25	25.27	0.60	ppb
Phosphorus	31-2	97135.82	97476.72	97024.90	97212.48	0.24	ppb
Potassium	39-2	95615.29	96553.30	95273.12	95813.90	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.01	18.73	19.08	19.61	6.24	ppb
Selenium	78-2	21.04	18.85	19.29	19.73	5.87	ppb
Selenium	82-1	19.63	19.86	19.31	19.60	1.41	ppb
Silicon	28-1	75.86	74.55	76.64	75.69	1.40	ppb
Silver	109-1	18.71	18.79	18.93	18.81	0.61	ppb
Silver	107-1	18.65	18.74	18.61	18.67	0.34	ppb
Sodium	23-2	99464.66	100200.07	99715.22	99793.32	0.37	ppb
Strontium	86-1	91.08	91.20	90.24	90.84	0.58	ppb
Strontium	88-1	91.14	90.47	90.90	90.84	0.38	ppb
Sulfur	34-1	77289.59	77085.20	77050.05	77141.61	0.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.85	19.94	20.06	19.95	0.55	ppb
Thallium	205-1	20.12	20.34	20.20	20.22	0.54	ppb
Tin	118-1	57.69	57.63	57.62	57.65	0.06	ppb
Titanium	47-1	1996.15	1972.51	1996.60	1988.42	0.69	ppb
Uranium	238-1	58.04	57.34	57.50	57.63	0.64	ppb
Vanadium	51-2	19.56	19.68	19.84	19.69	0.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.99	31.29	30.93	31.07	0.63	ppb
Zirconium	90-1	57.58	57.31	57.60	57.50	0.28	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:26:30	DataFile Name :	016ICSB_P7100317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.97	57.07	57.26	57.43	0.82	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49731.69	49642.58	50379.84	49918.04	0.81	ppb
Antimony	121-1	486.39	479.36	492.28	486.01	1.33	ppb
Arsenic	75-2	486.28	482.31	484.79	484.46	0.41	ppb
Barium	135-1	2539.05	2523.86	2604.32	2555.74	1.67	ppb
Barium	137-1	2571.97	2505.09	2588.49	2555.18	1.73	ppb
Beryllium	9-1	524.95	516.22	517.93	519.70	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	548.74	547.49	552.73	549.65	0.50	ppb
Boron	11-1	569.84	553.55	559.43	560.94	1.47	ppb
Cadmium	111-1	482.93	481.07	486.65	483.55	0.59	ppb
Cadmium	106-1	488.20	488.57	501.61	492.79	1.55	ppb
Cadmium	108-1	482.44	482.14	497.45	487.34	1.80	ppb
Calcium	43-1	246764.52	248653.51	248100.53	247839.52	0.39	ppb
Calcium	44-1	245933.16	246792.22	246968.14	246564.51	0.22	ppb
Chromium	52-2	496.50	496.22	496.28	496.33	0.03	ppb
Cobalt	59-2	474.53	473.10	468.90	472.18	0.62	ppb
Copper	63-2	931.74	924.72	927.63	928.03	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124905.21	125119.06	125069.91	125031.39	0.09	ppb
Iron	57-2	126522.06	126271.96	126409.90	126401.31	0.10	ppb
Lead	206-1	484.52	487.98	490.72	487.74	0.64	ppb
Lead	207-1	473.69	482.75	481.78	479.41	1.04	ppb
Lead	208-1	488.13	491.20	492.03	490.45	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	249025.70	249041.74	251555.09	249874.18	0.58	ppb
Manganese	55-2	988.01	987.84	995.22	990.36	0.42	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.69	515.92	517.89	516.17	0.31	ppb
Molybdenum	95-1	504.16	505.06	511.05	506.75	0.74	ppb
Molybdenum	96-1	506.12	508.79	513.10	509.34	0.69	ppb
Molybdenum	97-1	510.99	511.15	514.96	512.37	0.44	ppb
Molybdenum	98-1	515.67	514.49	520.06	516.74	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.37	471.91	471.18	471.82	0.13	ppb
Phosphorus	31-2	10257.91	10033.75	10398.89	10230.18	1.80	ppb
Potassium	39-2	125428.78	124759.51	125337.65	125175.32	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	475.47	486.62	475.99	479.36	1.31	ppb
Selenium	78-2	481.48	482.32	476.78	480.19	0.62	ppb
Selenium	82-1	480.13	477.19	485.39	480.90	0.86	ppb
Silicon	28-1	467.12	466.29	472.30	468.57	0.70	ppb
Silver	109-1	484.21	475.47	489.45	483.04	1.46	ppb
Silver	107-1	479.55	475.77	493.50	482.94	1.93	ppb
Sodium	23-2	252339.33	252192.29	254777.75	253103.12	0.57	ppb
Strontium	86-1	523.08	523.97	525.65	524.23	0.25	ppb
Strontium	88-1	526.84	523.12	526.64	525.53	0.40	ppb
Sulfur	34-1	9416.48	9415.41	9476.84	9436.24	0.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.43	497.64	495.18	493.08	1.20	ppb
Thallium	205-1	494.04	499.08	498.79	497.30	0.57	ppb
Tin	118-1	517.85	496.16	527.66	513.89	3.14	ppb
Titanium	47-1	510.64	505.39	510.59	508.87	0.59	ppb
Uranium	238-1	519.36	527.72	524.10	523.73	0.80	ppb
Vanadium	51-2	486.82	491.34	490.53	489.56	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.49	963.25	962.77	963.84	0.15	ppb
Zirconium	90-1	514.59	517.94	525.58	519.37	1.08	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.35	518.36	513.05	513.92	0.79	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.32	-0.29	0.19	226.35	ppb
Antimony	121-1	0.16	0.14	0.15	0.15	3.76	ppb
Arsenic	75-2	0.02	0.03	0.03	0.03	16.70	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	69.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.43	5.32	5.67	5.47	3.24	ppb
Boron	11-1	5.75	6.05	5.76	5.86	2.89	ppb
Cadmium	111-1	-0.02	0.02	-0.10	-0.03		ppb
Cadmium	106-1	-0.26	0.18	-1.32	-0.47		ppb
Cadmium	108-1	0.09	-0.03	0.03	0.03	191.26	ppb
Calcium	43-1	-3.58	-5.38	-1.90	-3.62		ppb
Calcium	44-1	97.33	99.81	98.24	98.46	1.27	ppb
Chromium	52-2	-0.01	0.03	0.02	0.01	149.40	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.11	0.09	0.09	19.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.67	0.53	0.26	0.49	42.50	ppb
Iron	57-2	0.98	1.84	2.02	1.61	34.48	ppb
Lead	206-1	0.05	0.07	0.07	0.06	18.31	ppb
Lead	207-1	0.07	0.08	0.07	0.08	10.13	ppb
Lead	208-1	0.06	0.06	0.07	0.06	8.93	ppb
Lithium	6-1						%
Magnesium	24-2	1.31	1.08	0.33	0.91	56.19	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.05	0.04	17.43	ppb
Molybdenum	95-1	0.11	0.12	0.13	0.12	9.99	ppb
Molybdenum	96-1	0.11	0.09	0.12	0.11	14.82	ppb
Molybdenum	97-1	0.13	0.15	0.12	0.13	9.02	ppb
Molybdenum	98-1	0.12	0.11	0.13	0.12	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	4.29	2.52	-8.81	-0.67		ppb
Potassium	39-2	18.37	18.75	18.08	18.40	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.10	0.17	0.16	0.08	204.94	ppb
Selenium	78-2	0.44	-0.16	-0.14	0.04	767.48	ppb
Selenium	82-1	-0.17	-0.53	-0.60	-0.43		ppb
Silicon	28-1	-2.91	-2.99	-3.40	-3.10		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.33	ppb
Sodium	23-2	78.54	75.15	74.74	76.14	2.73	ppb
Strontium	86-1	-0.06	0.04	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1305.54	ppb
Sulfur	34-1	-1419.52	-1390.45	-1352.96	-1387.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.05	0.04	7.94	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	12.05	ppb
Tin	118-1	0.08	0.07	0.07	0.07	4.60	ppb
Titanium	47-1	0.06	0.00	0.08	0.05	86.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.02	-0.04	-0.03		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.85	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	24.76	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.34	16.56	17.50	17.13	2.92	ppb
Antimony	121-1	1.86	1.82	1.86	1.85	1.35	ppb
Arsenic	75-2	0.93	0.95	0.92	0.93	1.61	ppb
Barium	135-1	8.69	8.71	8.80	8.73	0.69	ppb
Barium	137-1	8.92	8.89	8.96	8.92	0.43	ppb
Beryllium	9-1	0.89	0.93	0.99	0.94	5.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.62	24.71	26.08	24.80	4.97	ppb
Boron	11-1	25.69	24.87	25.93	25.49	2.16	ppb
Cadmium	111-1	0.87	0.92	0.83	0.87	5.44	ppb
Cadmium	106-1	0.27	0.69	0.27	0.41	59.60	ppb
Cadmium	108-1	0.86	0.91	1.00	0.92	7.42	ppb
Calcium	43-1	404.23	412.15	424.18	413.52	2.43	ppb
Calcium	44-1	523.63	531.99	520.39	525.33	1.14	ppb
Chromium	52-2	1.94	1.87	2.02	1.94	3.85	ppb
Cobalt	59-2	0.89	0.95	0.96	0.94	3.77	ppb
Copper	63-2	1.92	1.94	1.97	1.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.90	46.59	46.87	46.79	0.37	ppb
Iron	57-2	49.76	51.29	49.16	50.07	2.20	ppb
Lead	206-1	0.86	0.92	0.89	0.89	3.17	ppb
Lead	207-1	0.93	0.89	0.89	0.90	2.59	ppb
Lead	208-1	0.89	0.91	0.92	0.91	1.49	ppb
Lithium	6-1						%
Magnesium	24-2	439.93	449.05	442.80	443.93	1.05	ppb
Manganese	55-2	0.98	0.94	0.92	0.95	2.85	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.93	1.92	1.89	1.91	1.16	ppb
Molybdenum	95-1	4.41	4.36	4.44	4.40	0.96	ppb
Molybdenum	96-1	3.78	3.82	3.73	3.77	1.23	ppb
Molybdenum	97-1	4.53	4.31	4.23	4.36	3.50	ppb
Molybdenum	98-1	4.33	4.31	4.32	4.32	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.98	1.00	1.00	2.16	ppb
Phosphorus	31-2	10.14	-2.37	-0.03	2.58	257.57	ppb
Potassium	39-2	455.41	449.07	440.82	448.43	1.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.87	5.91	3.96	5.25	21.19	ppb
Selenium	78-2	5.69	5.38	5.59	5.55	2.81	ppb
Selenium	82-1	4.26	3.76	4.02	4.01	6.31	ppb
Silicon	28-1	8.62	9.58	9.76	9.32	6.54	ppb
Silver	109-1	0.93	0.92	0.92	0.92	0.50	ppb
Silver	107-1	0.91	0.98	0.92	0.94	3.87	ppb
Sodium	23-2	521.40	523.72	522.85	522.66	0.22	ppb
Strontium	86-1	0.86	0.92	0.81	0.87	6.35	ppb
Strontium	88-1	0.91	0.90	0.88	0.90	1.53	ppb
Sulfur	34-1	-1510.47	-1315.99	-1488.82	-1438.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.88	0.90	0.90	2.41	ppb
Thallium	205-1	0.91	0.89	0.90	0.90	1.48	ppb
Tin	118-1	4.45	4.37	4.45	4.42	1.05	ppb
Titanium	47-1	4.07	4.32	4.37	4.25	3.69	ppb
Uranium	238-1	0.79	0.82	0.82	0.81	1.99	ppb
Vanadium	51-2	4.46	4.45	4.33	4.42	1.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.84	1.68	1.80	1.77	4.80	ppb
Zirconium	90-1	0.89	0.90	0.89	0.89	0.67	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.92	0.81	0.89	8.55	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.59	0.68	0.64	6.63	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	11.54	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	14.39	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.00	0.03	77.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.83	2.18	1.16	1.72	30.21	ppb
Boron	11-1	1.92	1.63	1.57	1.71	10.94	ppb
Cadmium	111-1	-0.05	-0.05	-0.09	-0.06		ppb
Cadmium	106-1	-0.68	-0.78	-1.16	-0.87		ppb
Cadmium	108-1	0.00	-0.04	0.02	-0.01		ppb
Calcium	43-1	-2.82	-5.35	-4.33	-4.17		ppb
Calcium	44-1	88.26	90.29	92.08	90.21	2.12	ppb
Chromium	52-2	0.04	0.03	0.00	0.03	79.33	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.04	0.01	0.03	66.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.19	-0.08	-0.13	-0.13		ppb
Iron	57-2	0.45	1.57	0.42	0.81	80.61	ppb
Lead	206-1	0.04	0.03	0.02	0.03	27.22	ppb
Lead	207-1	0.06	0.05	0.05	0.05	12.77	ppb
Lead	208-1	0.04	0.03	0.04	0.03	9.09	ppb
Lithium	6-1						%
Magnesium	24-2	0.09	0.30	0.11	0.17	70.91	ppb
Manganese	55-2	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.02	31.59	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.07	11.81	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.05	17.26	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	10.96	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	5.65	-6.87	-8.48	-3.23		ppb
Potassium	39-2	13.32	13.45	11.60	12.79	8.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.17	-0.10	-0.10	-0.01		ppb
Selenium	78-2	0.73	0.07	-0.01	0.26	155.25	ppb
Selenium	82-1	-0.19	-0.59	-0.46	-0.41		ppb
Silicon	28-1	-3.18	-3.29	-2.90	-3.12		ppb
Silver	109-1	0.01	0.00	0.00	0.00	127.44	ppb
Silver	107-1	0.00	0.00	0.00	0.00	21.96	ppb
Sodium	23-2	57.10	54.06	55.52	55.56	2.73	ppb
Strontium	86-1	0.01	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.63	ppb
Sulfur	34-1	-1538.75	-1474.76	-1419.06	-1477.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	20.46	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.34	ppb
Tin	118-1	0.05	0.05	0.06	0.05	8.23	ppb
Titanium	47-1	0.05	0.04	0.06	0.05	18.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.13	-0.06	-0.09		ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	28.37	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	50.43	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.71	36.70	38.04	37.49	1.86	ppb
Antimony	121-1	3.68	3.73	3.79	3.74	1.44	ppb
Arsenic	75-2	1.95	2.06	2.05	2.02	2.91	ppb
Barium	135-1	18.39	18.72	18.84	18.65	1.23	ppb
Barium	137-1	18.74	18.92	18.78	18.81	0.53	ppb
Beryllium	9-1	2.02	1.89	1.92	1.94	3.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.42	52.50	49.82	49.91	5.09	ppb
Boron	11-1	48.20	47.32	50.08	48.53	2.91	ppb
Cadmium	111-1	1.92	1.86	1.96	1.91	2.70	ppb
Cadmium	106-1	1.30	1.45	1.68	1.48	13.04	ppb
Cadmium	108-1	2.15	1.77	1.97	1.96	9.53	ppb
Calcium	43-1	920.41	914.43	907.66	914.17	0.70	ppb
Calcium	44-1	1008.88	995.69	998.33	1000.97	0.70	ppb
Chromium	52-2	4.12	4.20	4.19	4.17	1.09	ppb
Cobalt	59-2	2.00	1.94	2.02	1.99	2.06	ppb
Copper	63-2	4.05	3.95	4.04	4.01	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	391.02	388.30	390.30	389.87	0.36	ppb
Iron	57-2	388.16	384.79	380.87	384.61	0.95	ppb
Lead	206-1	1.89	1.88	1.82	1.86	1.95	ppb
Lead	207-1	1.94	1.88	1.90	1.91	1.57	ppb
Lead	208-1	1.91	1.89	1.87	1.89	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	966.13	946.97	959.36	957.49	1.01	ppb
Manganese	55-2	2.05	1.94	2.05	2.01	3.00	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.12	4.15	4.08	4.12	0.81	ppb
Molybdenum	95-1	9.08	9.12	9.24	9.15	0.93	ppb
Molybdenum	96-1	7.91	7.83	8.14	7.96	1.99	ppb
Molybdenum	97-1	9.10	9.11	9.25	9.16	0.92	ppb
Molybdenum	98-1	8.98	8.91	9.10	9.00	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.04	2.19	2.13	3.54	ppb
Phosphorus	31-2	-0.70	-15.84	3.51	-4.34		ppb
Potassium	39-2	942.60	956.34	937.27	945.40	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.53	9.47	11.65	10.22	12.17	ppb
Selenium	78-2	10.35	10.27	10.36	10.32	0.49	ppb
Selenium	82-1	9.27	9.78	9.30	9.45	3.00	ppb
Silicon	28-1	23.05	23.37	22.59	23.00	1.70	ppb
Silver	109-1	1.99	1.98	1.99	1.99	0.31	ppb
Silver	107-1	1.98	2.04	2.06	2.03	2.06	ppb
Sodium	23-2	1037.53	1021.88	1012.13	1023.84	1.25	ppb
Strontium	86-1	1.89	1.83	1.89	1.87	1.74	ppb
Strontium	88-1	1.91	1.92	1.90	1.91	0.45	ppb
Sulfur	34-1	-1304.75	-1321.10	-1321.80	-1315.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.87	1.93	1.86	1.89	2.10	ppb
Thallium	205-1	1.92	1.92	1.92	1.92	0.06	ppb
Tin	118-1	9.26	9.37	9.33	9.32	0.61	ppb
Titanium	47-1	9.42	9.10	9.48	9.34	2.19	ppb
Uranium	238-1	1.72	1.73	1.74	1.73	0.44	ppb
Vanadium	51-2	9.41	9.34	9.49	9.41	0.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.61	4.49	4.59	4.56	1.37	ppb
Zirconium	90-1	1.84	1.88	1.84	1.85	1.27	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.88	1.82	1.80	1.83	2.30	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.55	0.18	0.33	59.41	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	1.23	ppb
Arsenic	75-2	0.02	-0.01	0.04	0.02	157.21	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.61	1.18	1.36	1.38	15.71	ppb
Boron	11-1	1.91	2.26	1.74	1.97	13.33	ppb
Cadmium	111-1	0.08	0.00	-0.01	0.02	219.45	ppb
Cadmium	106-1	1.06	-0.12	-0.12	0.27	250.49	ppb
Cadmium	108-1	-0.01	-0.03	-0.03	-0.02		ppb
Calcium	43-1	-3.44	-4.09	0.74	-2.26		ppb
Calcium	44-1	72.29	73.51	77.61	74.47	3.74	ppb
Chromium	52-2	-0.03	-0.02	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.02	0.03	0.02	24.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.22	-0.27	-0.26	-0.25		ppb
Iron	57-2	-0.10	1.03	0.27	0.40	143.51	ppb
Lead	206-1	0.03	0.03	0.01	0.02	61.28	ppb
Lead	207-1	0.06	0.04	0.05	0.05	22.66	ppb
Lead	208-1	0.03	0.02	0.03	0.03	18.60	ppb
Lithium	6-1						%
Magnesium	24-2	0.14	0.15	-0.02	0.09	104.29	ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	280.16	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	17.00	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	26.37	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	22.64	ppb
Molybdenum	97-1	0.03	0.07	0.03	0.04	52.66	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	16.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	4.67	-6.65	11.21	3.08	293.76	ppb
Potassium	39-2	10.87	14.08	13.12	12.69	12.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.10	-0.10	0.17	-0.01		ppb
Selenium	78-2	-0.27	0.23	-0.56	-0.20		ppb
Selenium	82-1	-0.49	0.04	-0.86	-0.44		ppb
Silicon	28-1	-4.44	-4.10	-3.16	-3.90		ppb
Silver	109-1	0.01	0.00	0.00	0.00	54.45	ppb
Silver	107-1	0.00	0.01	0.01	0.00	28.49	ppb
Sodium	23-2	47.17	47.93	44.93	46.68	3.34	ppb
Strontium	86-1	-0.03	0.00	-0.03	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.42	ppb
Sulfur	34-1	-1261.09	-1192.04	-1006.77	-1153.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	4.31	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	17.63	ppb
Tin	118-1	0.05	0.02	0.04	0.04	32.62	ppb
Titanium	47-1	0.01	0.09	0.06	0.05	76.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	-0.13	-0.11	-0.10		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	57.00	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	34.01	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.26	37.11	35.42	36.26	2.33	ppb
Antimony	121-1	3.66	3.62	3.57	3.62	1.28	ppb
Arsenic	75-2	2.05	1.96	1.96	1.99	2.58	ppb
Barium	135-1	18.43	18.53	18.50	18.49	0.28	ppb
Barium	137-1	18.38	18.04	18.25	18.22	0.92	ppb
Beryllium	9-1	2.03	1.87	2.00	1.97	4.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.96	48.33	47.03	47.11	2.52	ppb
Boron	11-1	47.35	48.41	47.10	47.62	1.46	ppb
Cadmium	111-1	1.93	1.88	1.85	1.89	2.14	ppb
Cadmium	106-1	2.16	2.12	0.88	1.72	42.48	ppb
Cadmium	108-1	2.19	2.29	2.09	2.19	4.56	ppb
Calcium	43-1	893.32	902.27	897.62	897.74	0.50	ppb
Calcium	44-1	972.49	971.67	981.00	975.05	0.53	ppb
Chromium	52-2	4.13	4.09	4.03	4.09	1.29	ppb
Cobalt	59-2	1.97	1.98	1.90	1.95	2.10	ppb
Copper	63-2	3.98	3.96	3.96	3.96	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	382.76	379.04	380.32	380.71	0.50	ppb
Iron	57-2	383.05	381.02	381.62	381.90	0.27	ppb
Lead	206-1	1.82	1.79	1.82	1.81	0.96	ppb
Lead	207-1	1.80	1.80	1.86	1.82	1.89	ppb
Lead	208-1	1.83	1.82	1.85	1.83	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	935.70	920.93	930.97	929.20	0.81	ppb
Manganese	55-2	2.06	1.98	2.00	2.01	2.12	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.91	3.92	3.95	3.93	0.60	ppb
Molybdenum	95-1	9.09	8.91	8.89	8.96	1.25	ppb
Molybdenum	96-1	7.81	7.81	7.59	7.73	1.63	ppb
Molybdenum	97-1	9.05	9.10	8.87	9.01	1.35	ppb
Molybdenum	98-1	8.76	8.72	8.83	8.77	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.07	2.01	2.02	2.02	ppb
Phosphorus	31-2	19.42	8.05	2.53	10.00	86.11	ppb
Potassium	39-2	925.71	911.94	898.45	912.03	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.40	11.28	11.62	11.43	1.48	ppb
Selenium	78-2	9.60	9.57	10.00	9.72	2.45	ppb
Selenium	82-1	9.27	9.42	8.98	9.22	2.42	ppb
Silicon	28-1	21.65	22.72	22.76	22.38	2.82	ppb
Silver	109-1	1.92	1.95	1.91	1.93	0.99	ppb
Silver	107-1	1.95	1.93	1.92	1.93	0.61	ppb
Sodium	23-2	993.90	993.65	997.79	995.11	0.23	ppb
Strontium	86-1	1.79	1.87	1.80	1.82	2.48	ppb
Strontium	88-1	1.84	1.82	1.84	1.84	0.67	ppb
Sulfur	34-1	-1157.14	-1142.02	-1119.25	-1139.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.87	1.85	1.81	1.85	1.53	ppb
Thallium	205-1	1.88	1.85	1.88	1.87	0.72	ppb
Tin	118-1	9.17	9.11	8.99	9.09	1.03	ppb
Titanium	47-1	9.17	8.84	9.43	9.15	3.27	ppb
Uranium	238-1	1.72	1.71	1.69	1.71	0.79	ppb
Vanadium	51-2	9.27	9.28	9.07	9.21	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.06	4.42	4.18	4.22	4.33	ppb
Zirconium	90-1	1.81	1.82	1.81	1.81	0.29	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.75	1.76	1.75	0.96	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.94	-0.83	-0.71		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	14.35	ppb
Arsenic	75-2	0.01	0.00	0.02	0.01	81.35	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	0.02	0.02	0.01	131.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.47	0.97	0.76	1.07	34.52	ppb
Boron	11-1	1.17	1.30	1.04	1.17	10.81	ppb
Cadmium	111-1	-0.08	-0.06	-0.09	-0.08		ppb
Cadmium	106-1	-1.11	-0.78	-1.14	-1.01		ppb
Cadmium	108-1	0.02	0.02	0.05	0.03	67.23	ppb
Calcium	43-1	-3.57	-3.80	-6.52	-4.63		ppb
Calcium	44-1	61.13	63.63	62.12	62.30	2.02	ppb
Chromium	52-2	0.01	0.01	0.00	0.01	103.04	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	0.09	0.03	0.03	221.21	ppb
Iron	57-2	0.33	0.09	0.23	0.21	56.88	ppb
Lead	206-1	0.01	0.02	0.00	0.01	93.37	ppb
Lead	207-1	0.02	0.04	0.04	0.03	22.63	ppb
Lead	208-1	0.01	0.02	0.02	0.01	18.76	ppb
Lithium	6-1						%
Magnesium	24-2	-0.19	0.04	0.14	0.00		ppb
Manganese	55-2	0.01	0.01	0.00	0.00	118.90	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	18.24	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	28.00	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	35.26	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	10.74	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	16.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	0.50	-6.67	-2.22	-2.80		ppb
Potassium	39-2	7.65	6.70	6.83	7.06	7.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.08	0.16	-0.03	0.07	134.40	ppb
Selenium	82-1	-0.45	-0.54	-0.22	-0.40		ppb
Silicon	28-1	-3.45	-3.49	-3.69	-3.54		ppb
Silver	109-1	0.00	0.00	0.00	0.00	147.28	ppb
Silver	107-1	0.00	0.00	0.00	0.00	111.83	ppb
Sodium	23-2	41.71	40.85	38.35	40.30	4.33	ppb
Strontium	86-1	-0.05	-0.05	0.00	-0.03		ppb
Strontium	88-1	-0.01	-0.02	-0.01	-0.01		ppb
Sulfur	34-1	-1597.17	-1501.85	-1536.09	-1545.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	72.55	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	27.85	ppb
Tin	118-1	0.03	0.04	0.04	0.04	15.61	ppb
Titanium	47-1	0.02	0.00	0.02	0.01	104.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.13	0.09	0.07	0.10	28.21	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	94.23	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	80.81	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9620.43	9661.15	9577.21	9619.60	0.44	ppb
Antimony	121-1	482.57	476.65	487.19	482.14	1.10	ppb
Arsenic	75-2	483.59	486.25	487.66	485.83	0.42	ppb
Barium	135-1	2483.07	2483.37	2477.20	2481.22	0.14	ppb
Barium	137-1	2486.05	2457.41	2483.68	2475.71	0.64	ppb
Beryllium	9-1	495.66	502.46	495.79	497.97	0.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	506.17	522.27	525.86	518.10	2.02	ppb
Boron	11-1	515.86	522.87	531.75	523.49	1.52	ppb
Cadmium	111-1	485.35	485.24	489.04	486.54	0.45	ppb
Cadmium	106-1	486.48	483.56	484.43	484.82	0.31	ppb
Cadmium	108-1	490.41	483.55	490.34	488.10	0.81	ppb
Calcium	43-1	47770.19	47957.98	48275.57	48001.25	0.53	ppb
Calcium	44-1	48402.10	48287.99	48922.54	48537.54	0.70	ppb
Chromium	52-2	480.88	488.52	482.36	483.92	0.84	ppb
Cobalt	59-2	484.77	490.50	485.32	486.86	0.65	ppb
Copper	63-2	1006.09	988.19	1008.36	1000.88	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26265.84	26371.39	26202.91	26280.05	0.32	ppb
Iron	57-2	25634.31	25725.56	25887.02	25748.97	0.50	ppb
Lead	206-1	471.97	468.84	467.02	469.28	0.53	ppb
Lead	207-1	466.19	462.93	461.95	463.69	0.48	ppb
Lead	208-1	477.12	475.44	472.83	475.13	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	50079.73	50437.28	50112.58	50209.86	0.39	ppb
Manganese	55-2	986.87	999.63	992.26	992.92	0.64	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.10	503.77	499.23	501.70	0.46	ppb
Molybdenum	95-1	486.54	491.43	492.41	490.12	0.64	ppb
Molybdenum	96-1	493.74	492.53	493.47	493.25	0.13	ppb
Molybdenum	97-1	493.83	497.11	495.99	495.64	0.34	ppb
Molybdenum	98-1	499.90	503.32	502.87	502.03	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.53	486.37	480.41	482.77	0.66	ppb
Phosphorus	31-2	10098.89	10323.52	10276.75	10233.05	1.16	ppb
Potassium	39-2	24828.29	24724.79	24780.66	24777.91	0.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	494.81	479.55	488.53	487.63	1.57	ppb
Selenium	78-2	479.31	486.50	493.32	486.38	1.44	ppb
Selenium	82-1	477.91	478.73	484.07	480.24	0.70	ppb
Silicon	28-1	489.47	503.03	510.86	501.12	2.16	ppb
Silver	109-1	488.85	487.71	488.47	488.34	0.12	ppb
Silver	107-1	491.27	483.39	490.19	488.28	0.88	ppb
Sodium	23-2	51813.71	51891.80	51685.78	51797.09	0.20	ppb
Strontium	86-1	495.32	501.95	501.00	499.42	0.72	ppb
Strontium	88-1	500.51	501.32	503.83	501.89	0.34	ppb
Sulfur	34-1	9142.16	9316.66	9426.47	9295.10	1.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	493.80	473.54	475.39	480.91	2.33	ppb
Thallium	205-1	487.64	482.20	475.91	481.92	1.22	ppb
Tin	118-1	514.10	506.11	509.56	509.92	0.79	ppb
Titanium	47-1	495.86	499.11	503.68	499.55	0.79	ppb
Uranium	238-1	492.40	494.34	493.41	493.38	0.20	ppb
Vanadium	51-2	478.48	487.98	481.98	482.81	0.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.15	1004.07	992.80	998.67	0.57	ppb
Zirconium	90-1	503.30	504.86	512.49	506.88	0.97	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.21	498.04	495.36	496.87	0.28	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50360.99	50035.84	50559.54	50318.79	0.53	ppb
Antimony	121-1	485.38	482.27	489.96	485.87	0.80	ppb
Arsenic	75-2	486.97	487.15	486.31	486.81	0.09	ppb
Barium	135-1	2510.42	2504.30	2554.39	2523.04	1.08	ppb
Barium	137-1	2512.31	2482.52	2546.13	2513.65	1.27	ppb
Beryllium	9-1	509.17	516.36	512.37	512.64	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	530.27	548.29	548.32	542.30	1.92	ppb
Boron	11-1	541.33	552.62	544.85	546.27	1.06	ppb
Cadmium	111-1	475.06	475.18	485.20	478.48	1.22	ppb
Cadmium	106-1	473.65	487.00	495.54	485.40	2.27	ppb
Cadmium	108-1	481.77	485.76	486.56	484.70	0.53	ppb
Calcium	43-1	243397.98	246654.70	243807.44	244620.04	0.73	ppb
Calcium	44-1	244326.97	244662.88	245030.90	244673.58	0.14	ppb
Chromium	52-2	504.26	503.51	508.06	505.28	0.48	ppb
Cobalt	59-2	472.70	472.39	475.48	473.53	0.36	ppb
Copper	63-2	927.23	927.54	927.59	927.45	0.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127062.63	126388.00	126846.72	126765.78	0.27	ppb
Iron	57-2	126894.76	126940.96	127640.49	127158.74	0.33	ppb
Lead	206-1	479.81	481.16	486.44	482.47	0.73	ppb
Lead	207-1	476.51	475.34	476.90	476.25	0.17	ppb
Lead	208-1	487.35	487.78	490.99	488.71	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	253071.85	250800.18	252679.24	252183.76	0.48	ppb
Manganese	55-2	996.64	992.59	1001.65	996.96	0.45	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.58	510.03	514.75	512.12	0.47	ppb
Molybdenum	95-1	497.97	501.10	497.05	498.71	0.43	ppb
Molybdenum	96-1	501.92	503.11	501.95	502.33	0.14	ppb
Molybdenum	97-1	503.68	501.02	500.42	501.71	0.35	ppb
Molybdenum	98-1	508.66	512.40	511.29	510.78	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.36	475.01	480.28	477.55	0.55	ppb
Phosphorus	31-2	10390.90	10404.23	10287.00	10360.71	0.62	ppb
Potassium	39-2	124907.48	125140.03	125222.62	125090.05	0.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	490.04	491.68	485.02	488.91	0.71	ppb
Selenium	78-2	492.51	491.56	488.73	490.94	0.40	ppb
Selenium	82-1	476.72	472.90	482.41	477.34	1.00	ppb
Silicon	28-1	486.35	490.78	485.08	487.40	0.61	ppb
Silver	109-1	475.24	475.36	480.73	477.11	0.66	ppb
Silver	107-1	473.26	475.97	483.11	477.45	1.07	ppb
Sodium	23-2	254124.45	258925.18	257162.77	256737.47	0.95	ppb
Strontium	86-1	515.25	517.71	515.57	516.18	0.26	ppb
Strontium	88-1	525.19	518.30	520.96	521.48	0.67	ppb
Sulfur	34-1	9852.91	9953.80	9979.75	9928.82	0.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.79	487.99	492.30	495.36	1.87	ppb
Thallium	205-1	494.38	497.38	499.71	497.15	0.54	ppb
Tin	118-1	490.71	488.72	503.05	494.16	1.57	ppb
Titanium	47-1	501.19	508.04	505.10	504.78	0.68	ppb
Uranium	238-1	516.85	517.59	520.98	518.47	0.42	ppb
Vanadium	51-2	488.14	488.98	487.90	488.34	0.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	966.33	970.91	970.59	969.28	0.26	ppb
Zirconium	90-1	511.80	514.09	515.65	513.85	0.38	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.29	505.55	511.42	508.09	0.59	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	-0.28	-0.20	-0.27		ppb
Antimony	121-1	1.06	0.99	0.96	1.00	5.15	ppb
Arsenic	75-2	0.10	0.12	0.13	0.12	12.46	ppb
Barium	135-1	0.01	0.02	0.02	0.02	25.14	ppb
Barium	137-1	0.05	0.02	0.02	0.03	55.23	ppb
Beryllium	9-1	0.05	0.05	0.09	0.06	32.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.83	6.26	4.28	5.12	19.90	ppb
Boron	11-1	6.53	4.73	5.01	5.42	17.94	ppb
Cadmium	111-1	0.04	0.04	0.09	0.06	51.12	ppb
Cadmium	106-1	0.14	0.17	0.99	0.44	111.21	ppb
Cadmium	108-1	0.05	0.03	0.00	0.03	86.30	ppb
Calcium	43-1	-2.66	-3.26	-6.56	-4.16		ppb
Calcium	44-1	125.26	125.87	119.52	123.55	2.84	ppb
Chromium	52-2	0.04	0.02	0.04	0.03	26.33	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.20	0.19	0.15	0.18	13.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.69	1.76	1.61	1.69	4.33	ppb
Iron	57-2	2.80	2.16	2.40	2.46	13.26	ppb
Lead	206-1	0.15	0.15	0.12	0.14	10.62	ppb
Lead	207-1	0.15	0.13	0.15	0.15	7.44	ppb
Lead	208-1	0.14	0.14	0.14	0.14	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	1.99	1.87	1.80	1.89	5.13	ppb
Manganese	55-2	0.00	0.01	0.01	0.01	59.08	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.16	0.16	0.17	4.87	ppb
Molybdenum	95-1	0.37	0.34	0.31	0.34	8.31	ppb
Molybdenum	96-1	0.35	0.31	0.32	0.33	5.34	ppb
Molybdenum	97-1	0.41	0.38	0.28	0.36	18.12	ppb
Molybdenum	98-1	0.36	0.31	0.34	0.34	7.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	6.40	-12.35	1.00	-1.65		ppb
Potassium	39-2	47.57	35.74	43.08	42.13	14.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.72	0.17	-0.10	0.26	160.22	ppb
Selenium	78-2	0.67	-0.19	0.41	0.30	147.99	ppb
Selenium	82-1	-0.24	0.01	-0.24	-0.16		ppb
Silicon	28-1	-0.08	-0.63	-1.59	-0.77		ppb
Silver	109-1	0.03	0.02	0.02	0.02	22.52	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.88	ppb
Sodium	23-2	128.25	120.57	126.38	125.06	3.20	ppb
Strontium	86-1	-0.05	-0.01	-0.02	-0.03		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-1323.56	-1419.67	-1385.47	-1376.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.15	0.13	0.14	10.26	ppb
Thallium	205-1	0.16	0.16	0.12	0.15	14.36	ppb
Tin	118-1	0.32	0.31	0.28	0.30	6.01	ppb
Titanium	47-1	0.05	0.07	0.05	0.06	20.18	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.17	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	37.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.16	0.16	0.18	11.34	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.40	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.08	0.09	10.57	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104.94	104.06	104.40	104.47	0.43	ppb
Antimony	121-1	5.22	4.24	3.52	4.33	19.69	ppb
Arsenic	75-2	1.24	1.08	1.12	1.15	7.25	ppb
Barium	135-1	32.58	32.25	32.18	32.34	0.65	ppb
Barium	137-1	32.23	32.92	31.96	32.37	1.53	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	17.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.49	26.56	26.67	27.24	3.98	ppb
Boron	11-1	28.98	29.13	27.95	28.69	2.25	ppb
Cadmium	111-1	0.46	0.57	0.48	0.50	11.94	ppb
Cadmium	106-1	-1.20	-1.04	-0.95	-1.06		ppb
Cadmium	108-1	0.64	0.55	0.69	0.63	10.93	ppb
Calcium	43-1	21262.30	21544.23	21287.73	21364.75	0.73	ppb
Calcium	44-1	21785.49	21969.90	21658.89	21804.76	0.72	ppb
Chromium	52-2	1.30	1.32	1.25	1.29	2.75	ppb
Cobalt	59-2	0.26	0.25	0.25	0.25	2.77	ppb
Copper	63-2	5.89	5.86	5.87	5.87	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	287.15	290.46	291.43	289.68	0.77	ppb
Iron	57-2	300.35	313.79	312.35	308.83	2.39	ppb
Lead	206-1	1.71	1.63	1.63	1.65	2.72	ppb
Lead	207-1	1.69	1.60	1.52	1.60	5.31	ppb
Lead	208-1	1.70	1.61	1.57	1.63	4.21	ppb
Lithium	6-1						%
Magnesium	24-2	7964.37	8001.90	8018.47	7994.92	0.35	ppb
Manganese	55-2	35.77	36.02	36.21	36.00	0.61	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.64	0.58	0.53	0.58	9.33	ppb
Molybdenum	95-1	1.01	0.99	0.97	0.99	1.83	ppb
Molybdenum	96-1	0.85	0.91	0.88	0.88	3.21	ppb
Molybdenum	97-1	1.03	0.91	0.96	0.97	6.20	ppb
Molybdenum	98-1	0.96	1.01	0.97	0.98	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.44	1.36	1.41	3.34	ppb
Phosphorus	31-2	134.53	102.66	128.26	121.82	13.86	ppb
Potassium	39-2	2810.16	2819.94	2821.57	2817.22	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.22	3.24	5.20	4.55	24.95	ppb
Selenium	78-2	0.55	0.40	0.09	0.35	66.67	ppb
Selenium	82-1	-0.30	0.17	-0.12	-0.08		ppb
Silicon	28-1	1090.09	1091.29	1077.33	1086.23	0.71	ppb
Silver	109-1	1.37	1.22	1.15	1.25	9.40	ppb
Silver	107-1	1.32	1.20	1.15	1.22	6.93	ppb
Sodium	23-2	27061.66	27301.15	27083.00	27148.60	0.49	ppb
Strontium	86-1	105.29	104.96	105.22	105.16	0.17	ppb
Strontium	88-1	104.78	103.99	105.72	104.83	0.83	ppb
Sulfur	34-1	4673.30	4835.64	4667.04	4725.33	2.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.31	0.21	0.14	0.22	37.63	ppb
Thallium	205-1	0.31	0.20	0.14	0.22	38.92	ppb
Tin	118-1	8.85	7.54	6.72	7.70	13.95	ppb
Titanium	47-1	4.13	4.41	4.45	4.33	4.02	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	2.37	ppb
Vanadium	51-2	1.33	1.34	1.28	1.32	2.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.75	38.98	38.76	39.16	1.32	ppb
Zirconium	90-1	0.42	0.41	0.35	0.39	10.07	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.36	0.37	0.37	4.81	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58665.83	57691.91	59482.83	58613.52	1.53	ppb
Antimony	121-1	1.75	1.59	1.59	1.65	5.54	ppb
Arsenic	75-2	15.02	15.07	14.81	14.97	0.92	ppb
Barium	135-1	564.56	552.94	552.33	556.61	1.24	ppb
Barium	137-1	563.59	556.28	552.44	557.44	1.02	ppb
Beryllium	9-1	2.81	2.73	2.73	2.76	1.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	55.93	58.89	57.64	57.48	2.59	ppb
Boron	11-1	59.59	60.95	59.01	59.85	1.66	ppb
Cadmium	111-1	0.79	0.83	0.72	0.78	7.14	ppb
Cadmium	106-1	2.30	2.46	1.74	2.17	17.58	ppb
Cadmium	108-1	2.19	1.96	2.17	2.11	6.02	ppb
Calcium	43-1	25250.45	25231.42	25402.68	25294.85	0.37	ppb
Calcium	44-1	25655.29	25901.27	26106.67	25887.74	0.87	ppb
Chromium	52-2	170.84	168.52	170.20	169.86	0.71	ppb
Cobalt	59-2	42.81	42.06	42.76	42.54	0.99	ppb
Copper	63-2	56.57	55.74	56.76	56.36	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	114021.94	113302.88	113643.15	113655.99	0.32	ppb
Iron	57-2	115977.52	113158.35	114359.76	114498.54	1.24	ppb
Lead	206-1	42.73	42.14	42.03	42.30	0.89	ppb
Lead	207-1	37.86	37.31	37.02	37.40	1.14	ppb
Lead	208-1	40.50	40.04	39.85	40.13	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	30190.59	30092.09	30664.32	30315.67	1.01	ppb
Manganese	55-2	2022.00	1997.55	2009.66	2009.74	0.61	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.93	11.02	10.89	10.95	0.65	ppb
Molybdenum	95-1	2.98	3.05	3.06	3.03	1.41	ppb
Molybdenum	96-1	5.12	5.23	5.05	5.13	1.77	ppb
Molybdenum	97-1	3.09	3.11	3.20	3.13	1.83	ppb
Molybdenum	98-1	2.89	2.97	3.02	2.96	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.84	96.23	96.75	96.94	0.85	ppb
Phosphorus	31-2	1854.01	1782.63	1804.72	1813.79	2.01	ppb
Potassium	39-2	13595.12	13380.14	13462.65	13479.30	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	42.74	50.82	44.17	45.91	9.39	ppb
Selenium	78-2	7.42	7.27	6.90	7.20	3.74	ppb
Selenium	82-1	1.00	1.14	0.55	0.90	34.81	ppb
Silicon	28-1	41997.88	41971.84	42805.20	42258.31	1.12	ppb
Silver	109-1	0.93	0.88	0.84	0.88	4.85	ppb
Silver	107-1	0.93	0.89	0.85	0.89	3.97	ppb
Sodium	23-2	26485.63	26300.39	26432.73	26406.25	0.36	ppb
Strontium	86-1	154.97	154.33	153.82	154.37	0.37	ppb
Strontium	88-1	154.48	155.81	155.11	155.13	0.43	ppb
Sulfur	34-1	1827.51	1468.37	1459.90	1585.26	13.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.50	0.52	0.55	0.52	4.03	ppb
Thallium	205-1	0.56	0.52	0.53	0.54	3.69	ppb
Tin	118-1	7.38	7.05	7.01	7.15	2.90	ppb
Titanium	47-1	2412.43	2427.90	2451.99	2430.77	0.82	ppb
Uranium	238-1	5.71	5.69	5.69	5.69	0.22	ppb
Vanadium	51-2	137.72	134.62	136.22	136.19	1.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	329.48	328.59	330.79	329.62	0.33	ppb
Zirconium	90-1	14.69	14.75	14.71	14.71	0.20	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	15.00	14.94	14.83	14.92	0.57	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61994.64	60743.71	61737.52	61491.96	1.07	ppb
Antimony	121-1	1.55	1.60	1.56	1.57	1.51	ppb
Arsenic	75-2	15.51	15.16	15.77	15.48	2.01	ppb
Barium	135-1	586.00	586.05	589.06	587.04	0.30	ppb
Barium	137-1	586.76	592.51	590.36	589.88	0.49	ppb
Beryllium	9-1	3.24	3.24	3.29	3.26	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.36	64.26	63.35	63.99	0.87	ppb
Boron	11-1	65.22	67.28	65.98	66.16	1.57	ppb
Cadmium	111-1	0.71	0.72	0.74	0.72	1.63	ppb
Cadmium	106-1	1.65	1.44	1.94	1.68	14.84	ppb
Cadmium	108-1	1.81	1.83	1.93	1.86	3.51	ppb
Calcium	43-1	25851.17	26119.88	25682.39	25884.48	0.85	ppb
Calcium	44-1	25880.38	26318.03	26156.75	26118.39	0.85	ppb
Chromium	52-2	180.56	176.92	180.19	179.22	1.12	ppb
Cobalt	59-2	46.32	45.32	46.51	46.05	1.39	ppb
Copper	63-2	60.48	59.73	60.44	60.22	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121434.24	119215.64	121500.31	120716.73	1.08	ppb
Iron	57-2	123176.46	119408.49	122152.20	121579.05	1.60	ppb
Lead	206-1	46.37	45.23	45.86	45.82	1.25	ppb
Lead	207-1	40.95	40.58	40.63	40.72	0.50	ppb
Lead	208-1	43.80	43.24	43.62	43.55	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	32703.02	32167.31	32660.61	32510.31	0.92	ppb
Manganese	55-2	2159.12	2128.67	2163.18	2150.33	0.88	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.40	10.29	10.23	10.31	0.84	ppb
Molybdenum	95-1	3.23	3.17	3.16	3.19	1.12	ppb
Molybdenum	96-1	5.11	5.31	5.10	5.17	2.29	ppb
Molybdenum	97-1	3.26	3.26	3.21	3.24	0.79	ppb
Molybdenum	98-1	3.12	3.13	3.15	3.13	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.27	103.02	104.07	103.79	0.65	ppb
Phosphorus	31-2	1944.85	1915.58	2006.77	1955.73	2.38	ppb
Potassium	39-2	13929.27	13655.17	13866.06	13816.83	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	42.51	40.96	52.33	45.27	13.62	ppb
Selenium	78-2	7.26	8.01	6.96	7.41	7.30	ppb
Selenium	82-1	0.80	1.22	1.79	1.27	39.07	ppb
Silicon	28-1	41891.87	42055.15	41957.31	41968.11	0.20	ppb
Silver	109-1	0.77	0.74	0.72	0.74	3.92	ppb
Silver	107-1	0.80	0.76	0.78	0.78	2.24	ppb
Sodium	23-2	26547.53	26132.48	26397.80	26359.27	0.80	ppb
Strontium	86-1	154.30	152.44	154.20	153.65	0.68	ppb
Strontium	88-1	157.92	154.41	156.18	156.17	1.12	ppb
Sulfur	34-1	1052.40	1126.07	888.12	1022.20	11.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.57	0.57	0.55	0.56	1.58	ppb
Thallium	205-1	0.59	0.57	0.54	0.57	4.00	ppb
Tin	118-1	6.62	6.62	6.32	6.52	2.68	ppb
Titanium	47-1	2555.34	2560.99	2533.24	2549.86	0.58	ppb
Uranium	238-1	6.24	6.32	6.28	6.28	0.61	ppb
Vanadium	51-2	144.17	140.69	142.87	142.58	1.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	363.79	360.14	366.60	363.51	0.89	ppb
Zirconium	90-1	13.84	13.73	13.70	13.76	0.53	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	14.08	13.46	14.05	13.86	2.52	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19805.51	19636.64	19812.93	19751.69	0.50	ppb
Antimony	121-1	4.51	4.68	4.62	4.60	1.89	ppb
Arsenic	75-2	23.15	23.09	23.36	23.20	0.61	ppb
Barium	135-1	383.01	379.04	384.28	382.11	0.71	ppb
Barium	137-1	380.88	382.14	384.05	382.36	0.42	ppb
Beryllium	9-1	2.84	2.85	2.71	2.80	2.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.02	49.43	50.88	49.78	1.96	ppb
Boron	11-1	48.04	50.36	50.22	49.54	2.63	ppb
Cadmium	111-1	5.03	4.92	4.98	4.98	1.12	ppb
Cadmium	106-1	2.81	2.05	2.67	2.51	16.11	ppb
Cadmium	108-1	5.57	5.08	5.72	5.46	6.06	ppb
Calcium	43-1	19362.81	19265.84	19255.34	19294.66	0.31	ppb
Calcium	44-1	19863.97	19727.00	19482.54	19691.17	0.98	ppb
Chromium	52-2	296.01	293.49	297.36	295.62	0.66	ppb
Cobalt	59-2	20.18	20.16	20.52	20.29	1.02	ppb
Copper	63-2	160.40	160.51	162.25	161.06	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38310.52	37949.26	38164.83	38141.54	0.48	ppb
Iron	57-2	37379.27	37205.51	37508.06	37364.28	0.41	ppb
Lead	206-1	230.21	232.72	232.13	231.69	0.57	ppb
Lead	207-1	211.69	214.36	214.55	213.53	0.75	ppb
Lead	208-1	223.59	225.48	224.52	224.53	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	10961.45	10847.40	11009.62	10939.49	0.76	ppb
Manganese	55-2	1567.87	1560.49	1569.15	1565.84	0.30	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.85	4.67	4.85	4.79	2.17	ppb
Molybdenum	95-1	5.46	5.28	5.58	5.44	2.81	ppb
Molybdenum	96-1	5.43	5.37	5.34	5.38	0.86	ppb
Molybdenum	97-1	5.65	5.44	5.51	5.53	1.93	ppb
Molybdenum	98-1	5.34	5.37	5.40	5.37	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.46	46.76	47.60	47.27	0.96	ppb
Phosphorus	31-2	2497.95	2433.00	2541.95	2490.97	2.20	ppb
Potassium	39-2	6048.81	5987.03	6025.38	6020.41	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.45	17.01	25.13	21.20	19.17	ppb
Selenium	78-2	4.20	3.10	4.55	3.95	19.15	ppb
Selenium	82-1	1.64	1.50	1.79	1.64	8.80	ppb
Silicon	28-1	22820.14	22484.48	22289.38	22531.33	1.19	ppb
Silver	109-1	5.30	5.13	5.27	5.23	1.76	ppb
Silver	107-1	5.16	5.13	5.09	5.13	0.69	ppb
Sodium	23-2	26644.65	26650.91	27165.82	26820.46	1.12	ppb
Strontium	86-1	127.44	127.30	129.37	128.04	0.90	ppb
Strontium	88-1	127.01	126.56	128.75	127.44	0.91	ppb
Sulfur	34-1	2619.76	2418.45	2443.69	2493.97	4.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.23	0.25	0.24	5.70	ppb
Thallium	205-1	0.23	0.25	0.25	0.24	3.73	ppb
Tin	118-1	20.25	19.88	19.86	20.00	1.09	ppb
Titanium	47-1	1470.78	1458.72	1458.53	1462.68	0.48	ppb
Uranium	238-1	3.31	3.35	3.28	3.31	1.01	ppb
Vanadium	51-2	124.04	123.18	125.50	124.24	0.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	564.09	566.72	564.02	564.94	0.27	ppb
Zirconium	90-1	4.66	4.64	4.62	4.64	0.46	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.65	4.57	4.76	4.66	2.13	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44494.05	45077.29	45166.86	44912.74	0.81	ppb
Antimony	121-1	7.90	7.80	7.61	7.77	1.89	ppb
Arsenic	75-2	50.51	50.48	51.25	50.74	0.86	ppb
Barium	135-1	895.14	911.70	895.11	900.65	1.06	ppb
Barium	137-1	902.63	916.69	899.26	906.19	1.02	ppb
Beryllium	9-1	8.85	8.57	8.42	8.61	2.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.25	62.83	66.60	63.89	3.70	ppb
Boron	11-1	63.95	66.03	65.28	65.09	1.62	ppb
Cadmium	111-1	20.33	20.74	20.60	20.56	1.02	ppb
Cadmium	106-1	16.34	17.34	18.08	17.25	5.04	ppb
Cadmium	108-1	20.50	21.57	21.51	21.19	2.84	ppb
Calcium	43-1	20974.28	20730.17	20997.80	20900.75	0.71	ppb
Calcium	44-1	21355.30	21026.73	21399.28	21260.44	0.96	ppb
Chromium	52-2	661.24	666.63	672.98	666.95	0.88	ppb
Cobalt	59-2	47.00	47.25	47.48	47.24	0.50	ppb
Copper	63-2	508.83	513.36	517.49	513.23	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	82145.33	81926.94	82252.03	82108.10	0.20	ppb
Iron	57-2	82118.62	82952.18	83917.60	82996.13	1.08	ppb
Lead	206-1	771.82	778.91	771.00	773.91	0.56	ppb
Lead	207-1	721.62	716.01	726.70	721.44	0.74	ppb
Lead	208-1	742.83	743.20	749.30	745.11	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	15150.26	15340.69	15327.85	15272.93	0.70	ppb
Manganese	55-2	2830.51	2803.90	2835.16	2823.19	0.60	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.43	8.58	8.63	8.55	1.19	ppb
Molybdenum	95-1	7.62	7.61	7.69	7.64	0.55	ppb
Molybdenum	96-1	7.99	8.02	8.15	8.06	1.05	ppb
Molybdenum	97-1	7.75	7.59	8.07	7.80	3.14	ppb
Molybdenum	98-1	7.68	7.51	7.69	7.63	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.96	106.66	108.80	107.48	1.08	ppb
Phosphorus	31-2	5995.81	6005.52	6066.12	6022.48	0.63	ppb
Potassium	39-2	7194.38	7283.04	7275.22	7250.88	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.98	34.98	42.89	41.95	15.62	ppb
Selenium	78-2	6.93	6.34	7.25	6.84	6.73	ppb
Selenium	82-1	2.11	2.42	2.35	2.29	7.17	ppb
Silicon	28-1	33039.35	32641.53	33053.03	32911.30	0.71	ppb
Silver	109-1	14.00	13.98	14.09	14.02	0.43	ppb
Silver	107-1	13.90	13.86	13.68	13.81	0.83	ppb
Sodium	23-2	26020.93	26125.17	26436.10	26194.06	0.82	ppb
Strontium	86-1	151.21	152.89	152.99	152.36	0.66	ppb
Strontium	88-1	154.33	155.56	155.06	154.98	0.40	ppb
Sulfur	34-1	3186.08	2980.05	3169.33	3111.82	3.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.55	0.53	0.57	0.55	3.82	ppb
Thallium	205-1	0.52	0.55	0.54	0.54	2.58	ppb
Tin	118-1	51.85	52.45	51.93	52.08	0.63	ppb
Titanium	47-1	2643.35	2609.11	2640.70	2631.05	0.72	ppb
Uranium	238-1	8.41	8.47	8.44	8.44	0.34	ppb
Vanadium	51-2	211.37	212.45	213.52	212.45	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2064.42	2087.87	2092.28	2081.52	0.72	ppb
Zirconium	90-1	9.11	9.03	9.18	9.11	0.82	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.12	9.08	9.35	9.18	1.63	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1477.70	1503.30	1493.95	1491.65	0.87	ppb
Antimony	121-1	1.70	1.59	1.61	1.64	3.59	ppb
Arsenic	75-2	2.28	2.40	2.37	2.35	2.61	ppb
Barium	135-1	128.15	126.13	128.36	127.55	0.96	ppb
Barium	137-1	129.30	127.31	128.21	128.27	0.78	ppb
Beryllium	9-1	0.23	0.29	0.27	0.26	10.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.70	50.28	47.51	48.83	2.85	ppb
Boron	11-1	49.67	50.94	51.30	50.64	1.69	ppb
Cadmium	111-1	0.66	0.63	0.63	0.64	2.76	ppb
Cadmium	106-1	-1.86	-1.51	-1.60	-1.66		ppb
Cadmium	108-1	0.78	0.71	0.77	0.75	5.24	ppb
Calcium	43-1	8886.87	8972.41	8849.60	8902.96	0.71	ppb
Calcium	44-1	9057.90	9177.95	9044.98	9093.61	0.81	ppb
Chromium	52-2	3.45	3.49	3.58	3.51	1.94	ppb
Cobalt	59-2	1.97	1.98	1.96	1.97	0.51	ppb
Copper	63-2	12.33	12.51	12.49	12.44	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4586.31	4560.84	4512.94	4553.36	0.82	ppb
Iron	57-2	4495.72	4486.45	4452.09	4478.09	0.51	ppb
Lead	206-1	5.81	5.64	5.76	5.73	1.54	ppb
Lead	207-1	5.23	5.22	5.19	5.22	0.39	ppb
Lead	208-1	5.50	5.46	5.48	5.48	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	3027.26	3043.54	3031.86	3034.22	0.28	ppb
Manganese	55-2	311.07	308.70	306.98	308.92	0.66	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.05	1.07	1.15	1.09	4.95	ppb
Molybdenum	95-1	2.17	2.20	2.18	2.18	0.81	ppb
Molybdenum	96-1	1.93	1.92	1.99	1.95	1.84	ppb
Molybdenum	97-1	2.26	2.22	2.25	2.24	0.80	ppb
Molybdenum	98-1	2.13	2.19	2.28	2.20	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.91	4.86	4.93	4.90	0.70	ppb
Phosphorus	31-2	259.50	267.17	265.00	263.89	1.50	ppb
Potassium	39-2	2122.73	2134.43	2138.71	2131.96	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.74	8.24	9.61	8.87	7.82	ppb
Selenium	78-2	1.04	0.63	0.97	0.88	24.72	ppb
Selenium	82-1	0.02	-0.17	-0.03	-0.06		ppb
Silicon	28-1	2408.90	2438.35	2385.72	2410.99	1.09	ppb
Silver	109-1	0.44	0.41	0.44	0.43	4.61	ppb
Silver	107-1	0.44	0.45	0.41	0.43	5.17	ppb
Sodium	23-2	13424.48	13490.36	13398.67	13437.84	0.35	ppb
Strontium	86-1	48.36	48.26	48.56	48.39	0.31	ppb
Strontium	88-1	48.56	48.37	48.61	48.52	0.27	ppb
Sulfur	34-1	-2306.67	-2292.50	-2481.50	-2360.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	45.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.98	ppb
Tin	118-1	2.44	2.39	2.42	2.42	0.90	ppb
Titanium	47-1	39.64	40.82	39.40	39.96	1.90	ppb
Uranium	238-1	0.81	0.81	0.81	0.81	0.29	ppb
Vanadium	51-2	5.04	5.00	5.06	5.03	0.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	120.16	119.65	119.34	119.72	0.34	ppb
Zirconium	90-1	0.59	0.57	0.56	0.57	2.48	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.59	0.61	0.54	0.58	6.02	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1158.94	1153.06	1145.94	1152.65	0.56	ppb
Antimony	121-1	1.80	1.73	1.64	1.72	4.63	ppb
Arsenic	75-2	1.94	2.08	2.15	2.06	5.12	ppb
Barium	135-1	114.62	112.81	115.60	114.34	1.24	ppb
Barium	137-1	113.45	113.09	114.77	113.77	0.78	ppb
Beryllium	9-1	0.25	0.34	0.23	0.27	20.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.60	46.11	47.10	45.94	2.73	ppb
Boron	11-1	46.66	46.20	48.05	46.97	2.05	ppb
Cadmium	111-1	0.54	0.54	0.47	0.52	7.65	ppb
Cadmium	106-1	-1.74	-1.66	-2.38	-1.93		ppb
Cadmium	108-1	0.80	0.81	0.58	0.73	18.09	ppb
Calcium	43-1	7975.75	7907.45	7924.40	7935.87	0.45	ppb
Calcium	44-1	8149.27	7989.64	8011.81	8050.24	1.07	ppb
Chromium	52-2	3.19	3.05	3.04	3.10	2.68	ppb
Cobalt	59-2	1.69	1.72	1.69	1.70	0.99	ppb
Copper	63-2	10.85	10.95	11.05	10.95	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3827.48	3851.90	3846.06	3841.81	0.33	ppb
Iron	57-2	3771.45	3747.42	3757.15	3758.67	0.32	ppb
Lead	206-1	5.01	5.13	5.03	5.06	1.30	ppb
Lead	207-1	4.56	4.53	4.53	4.54	0.42	ppb
Lead	208-1	4.81	4.82	4.81	4.81	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	2635.10	2626.53	2610.62	2624.08	0.47	ppb
Manganese	55-2	274.98	273.49	272.70	273.73	0.42	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.91	0.89	0.85	0.88	3.33	ppb
Molybdenum	95-1	1.93	1.92	1.92	1.92	0.33	ppb
Molybdenum	96-1	1.74	1.62	1.67	1.67	3.58	ppb
Molybdenum	97-1	1.89	1.96	1.92	1.92	1.85	ppb
Molybdenum	98-1	1.86	1.89	1.92	1.89	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	4.21	4.24	4.19	1.59	ppb
Phosphorus	31-2	201.39	212.26	219.27	210.98	4.27	ppb
Potassium	39-2	1846.66	1854.69	1842.36	1847.90	0.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.66	11.05	5.48	8.06	34.86	ppb
Selenium	78-2	0.44	0.53	0.93	0.63	41.29	ppb
Selenium	82-1	0.30	-0.07	0.07	0.10	191.36	ppb
Silicon	28-1	1814.78	1802.20	1806.36	1807.78	0.35	ppb
Silver	109-1	0.48	0.41	0.43	0.44	8.55	ppb
Silver	107-1	0.41	0.42	0.38	0.40	4.61	ppb
Sodium	23-2	12196.92	12002.45	12013.82	12071.06	0.90	ppb
Strontium	86-1	43.21	42.70	43.23	43.04	0.70	ppb
Strontium	88-1	42.78	42.70	42.96	42.81	0.30	ppb
Sulfur	34-1	-2626.16	-2799.08	-2848.93	-2758.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	14.70	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	24.68	ppb
Tin	118-1	2.14	2.19	2.23	2.19	1.97	ppb
Titanium	47-1	27.14	27.30	26.62	27.02	1.32	ppb
Uranium	238-1	0.72	0.71	0.71	0.71	0.54	ppb
Vanadium	51-2	4.46	4.41	4.45	4.44	0.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.79	106.24	107.65	106.89	0.66	ppb
Zirconium	90-1	0.39	0.39	0.39	0.39	0.35	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.40	0.36	0.38	4.52	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1230.17	1230.84	1232.42	1231.14	0.09	ppb
Antimony	121-1	3.39	3.21	3.25	3.28	2.85	ppb
Arsenic	75-2	6.49	6.52	6.89	6.63	3.36	ppb
Barium	135-1	119.15	117.87	119.13	118.72	0.61	ppb
Barium	137-1	119.23	117.40	120.67	119.10	1.38	ppb
Beryllium	9-1	0.52	0.53	0.61	0.55	8.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.48	50.09	51.69	49.75	4.27	ppb
Boron	11-1	47.61	50.82	51.48	49.97	4.14	ppb
Cadmium	111-1	2.18	2.11	2.09	2.13	2.31	ppb
Cadmium	106-1	0.96	-0.34	-0.99	-0.12		ppb
Cadmium	108-1	2.06	2.36	2.14	2.18	7.11	ppb
Calcium	43-1	14632.50	14551.37	14414.56	14532.81	0.76	ppb
Calcium	44-1	14887.60	14632.22	14937.52	14819.11	1.11	ppb
Chromium	52-2	37.33	37.22	37.20	37.25	0.18	ppb
Cobalt	59-2	2.85	2.78	2.89	2.84	1.91	ppb
Copper	63-2	55.44	54.61	54.76	54.94	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3109.79	3114.18	3081.46	3101.81	0.57	ppb
Iron	57-2	3064.74	3010.82	3042.74	3039.43	0.89	ppb
Lead	206-1	47.92	47.30	47.14	47.45	0.88	ppb
Lead	207-1	43.80	43.42	44.03	43.75	0.71	ppb
Lead	208-1	46.08	45.72	45.89	45.89	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	5339.54	5283.31	5319.13	5313.99	0.54	ppb
Manganese	55-2	525.90	524.95	524.40	525.08	0.15	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.04	2.08	1.99	2.04	2.03	ppb
Molybdenum	95-1	4.00	4.08	4.02	4.03	1.11	ppb
Molybdenum	96-1	3.44	3.50	3.48	3.47	0.84	ppb
Molybdenum	97-1	3.91	4.10	4.05	4.02	2.37	ppb
Molybdenum	98-1	3.94	4.00	4.00	3.98	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.27	17.61	17.88	17.59	1.72	ppb
Phosphorus	31-2	547.02	490.74	500.14	512.64	5.88	ppb
Potassium	39-2	3162.49	3148.50	3197.23	3169.40	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.22	4.02	9.15	7.47	39.94	ppb
Selenium	78-2	0.32	1.06	0.93	0.77	50.86	ppb
Selenium	82-1	0.17	0.44	0.27	0.29	46.12	ppb
Silicon	28-1	2194.72	2188.15	2199.26	2194.04	0.25	ppb
Silver	109-1	0.46	0.45	0.44	0.45	1.84	ppb
Silver	107-1	0.44	0.42	0.44	0.43	2.36	ppb
Sodium	23-2	180909.19	179990.02	179187.52	180028.91	0.48	ppb
Strontium	86-1	81.84	81.55	81.88	81.75	0.22	ppb
Strontium	88-1	81.02	82.05	81.39	81.49	0.64	ppb
Sulfur	34-1	979.24	839.79	1030.62	949.88	10.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.03	12.43	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.01	ppb
Tin	118-1	5.08	2.79	2.84	3.57	36.64	ppb
Titanium	47-1	170.94	170.19	170.14	170.42	0.26	ppb
Uranium	238-1	0.78	0.74	0.74	0.75	2.50	ppb
Vanadium	51-2	26.22	26.06	26.27	26.18	0.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	204.63	204.82	204.18	204.55	0.16	ppb
Zirconium	90-1	1.12	1.10	1.15	1.12	2.12	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.16	1.08	1.11	1.12	3.67	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	607.17	618.55	623.04	616.25	1.33	ppb
Antimony	121-1	5.24	5.04	5.04	5.11	2.29	ppb
Arsenic	75-2	7.53	7.37	7.53	7.48	1.22	ppb
Barium	135-1	35.27	33.86	34.10	34.41	2.19	ppb
Barium	137-1	34.61	34.14	34.59	34.45	0.77	ppb
Beryllium	9-1	0.11	0.19	0.18	0.16	25.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.88	34.74	39.09	36.57	6.17	ppb
Boron	11-1	36.56	37.90	37.98	37.48	2.13	ppb
Cadmium	111-1	1.08	1.13	1.06	1.09	3.45	ppb
Cadmium	106-1	-1.84	-2.32	-2.52	-2.23		ppb
Cadmium	108-1	1.32	1.21	1.19	1.24	5.62	ppb
Calcium	43-1	9193.68	9126.29	9447.99	9255.99	1.83	ppb
Calcium	44-1	9314.81	9345.82	9572.68	9411.10	1.50	ppb
Chromium	52-2	10.06	9.96	9.96	9.99	0.59	ppb
Cobalt	59-2	1.15	1.16	1.18	1.16	1.32	ppb
Copper	63-2	19.02	19.13	18.98	19.04	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	997.07	1010.74	1007.84	1005.21	0.72	ppb
Iron	57-2	1005.15	1023.71	1017.93	1015.60	0.93	ppb
Lead	206-1	9.85	9.79	9.79	9.81	0.38	ppb
Lead	207-1	9.17	8.98	9.07	9.07	1.08	ppb
Lead	208-1	9.53	9.45	9.48	9.49	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	3429.55	3509.65	3477.32	3472.17	1.16	ppb
Manganese	55-2	313.20	317.57	314.90	315.23	0.70	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.73	1.76	1.81	1.77	2.38	ppb
Molybdenum	95-1	4.51	4.47	4.45	4.48	0.74	ppb
Molybdenum	96-1	3.86	3.78	3.78	3.81	1.30	ppb
Molybdenum	97-1	4.66	4.56	4.35	4.52	3.44	ppb
Molybdenum	98-1	4.45	4.35	4.49	4.43	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.82	6.03	5.99	5.95	1.81	ppb
Phosphorus	31-2	160.81	156.71	102.79	140.10	23.11	ppb
Potassium	39-2	2032.27	2050.25	2061.57	2048.03	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.56	4.45	5.11	5.37	20.07	ppb
Selenium	78-2	0.54	1.12	0.17	0.61	78.91	ppb
Selenium	82-1	0.01	-0.20	0.67	0.16	284.59	ppb
Silicon	28-1	1816.27	1774.78	1844.49	1811.85	1.94	ppb
Silver	109-1	0.54	0.53	0.51	0.52	2.97	ppb
Silver	107-1	0.55	0.52	0.53	0.53	2.72	ppb
Sodium	23-2	17849.10	17808.98	17849.85	17835.97	0.13	ppb
Strontium	86-1	53.38	52.89	51.88	52.72	1.45	ppb
Strontium	88-1	53.22	52.98	52.35	52.85	0.85	ppb
Sulfur	34-1	-470.55	-534.12	-141.98	-382.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.02	28.01	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	14.49	ppb
Tin	118-1	2.88	2.86	2.82	2.85	1.17	ppb
Titanium	47-1	44.73	43.92	45.78	44.81	2.09	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	1.35	ppb
Vanadium	51-2	10.31	10.24	10.50	10.35	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	69.99	69.66	70.11	69.92	0.33	ppb
Zirconium	90-1	0.60	0.58	0.55	0.58	4.71	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.57	0.60	0.57	0.58	3.09	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.20	29.39	25.74	27.45	6.70	ppb
Antimony	121-1	1.46	1.38	1.36	1.40	3.84	ppb
Arsenic	75-2	58.80	60.25	59.46	59.51	1.22	ppb
Barium	135-1	35.75	35.96	36.03	35.91	0.41	ppb
Barium	137-1	35.52	35.92	36.44	35.96	1.28	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	38.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	84.27	84.14	86.91	85.10	1.84	ppb
Boron	11-1	85.96	88.18	87.80	87.31	1.36	ppb
Cadmium	111-1	-0.14	-0.20	-0.12	-0.15		ppb
Cadmium	106-1	-2.16	-2.85	-1.89	-2.30		ppb
Cadmium	108-1	0.05	0.09	0.03	0.06	55.73	ppb
Calcium	43-1	98821.93	98353.44	99858.52	99011.30	0.78	ppb
Calcium	44-1	100214.09	101318.68	102056.14	101196.30	0.92	ppb
Chromium	52-2	2.22	2.40	2.28	2.30	3.99	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	5.70	ppb
Copper	63-2	2.21	2.20	2.20	2.20	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2212.21	2190.35	2190.11	2197.55	0.58	ppb
Iron	57-2	2220.70	2193.09	2226.71	2213.50	0.81	ppb
Lead	206-1	0.38	0.39	0.37	0.38	2.37	ppb
Lead	207-1	0.39	0.40	0.41	0.40	2.93	ppb
Lead	208-1	0.38	0.38	0.37	0.38	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	32683.49	32747.66	32717.26	32716.14	0.10	ppb
Manganese	55-2	414.83	412.98	415.17	414.33	0.28	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.11	0.13	0.12	5.43	ppb
Molybdenum	95-1	0.25	0.23	0.24	0.24	3.59	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	3.88	ppb
Molybdenum	97-1	0.23	0.23	0.23	0.23	1.91	ppb
Molybdenum	98-1	0.23	0.25	0.23	0.24	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.09	1.13	1.11	1.81	ppb
Phosphorus	31-2	85.61	82.26	92.53	86.80	6.03	ppb
Potassium	39-2	6490.09	6441.10	6498.25	6476.48	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.97	2.04	3.08	2.03	52.11	ppb
Selenium	78-2	0.42	0.06	-0.67	-0.06		ppb
Selenium	82-1	-0.19	-0.50	-0.14	-0.28		ppb
Silicon	28-1	7207.83	7147.82	7262.12	7205.92	0.79	ppb
Silver	109-1	0.34	0.28	0.30	0.31	10.41	ppb
Silver	107-1	0.31	0.32	0.29	0.31	3.87	ppb
Sodium	23-2	59560.08	59224.66	59278.38	59354.37	0.30	ppb
Strontium	86-1	541.01	532.11	535.94	536.35	0.83	ppb
Strontium	88-1	543.93	541.16	543.34	542.81	0.27	ppb
Sulfur	34-1	-886.50	-576.80	-249.74	-571.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.61	1.57	1.54	1.57	1.98	ppb
Titanium	47-1	1.72	1.61	1.65	1.66	3.14	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	1.17	ppb
Vanadium	51-2	0.50	0.43	0.44	0.45	8.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.19	8.35	7.88	8.14	2.93	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	10.68	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.10	0.10	4.98	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47806.07	48990.09	48142.14	48312.77	1.26	ppb
Antimony	121-1	489.86	489.99	490.81	490.22	0.11	ppb
Arsenic	75-2	490.35	497.21	491.65	493.07	0.74	ppb
Barium	135-1	2493.26	2483.81	2453.18	2476.75	0.85	ppb
Barium	137-1	2516.28	2513.36	2502.86	2510.83	0.28	ppb
Beryllium	9-1	514.97	519.32	520.76	518.35	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	532.88	549.83	552.66	545.12	1.96	ppb
Boron	11-1	554.27	548.03	559.39	553.90	1.03	ppb
Cadmium	111-1	482.04	481.67	480.82	481.51	0.13	ppb
Cadmium	106-1	495.42	487.73	493.17	492.11	0.80	ppb
Cadmium	108-1	481.24	484.29	486.17	483.90	0.51	ppb
Calcium	43-1	239932.31	241924.62	238827.95	240228.29	0.65	ppb
Calcium	44-1	238313.55	242412.95	238240.54	239655.68	1.00	ppb
Chromium	52-2	488.39	494.32	491.42	491.38	0.60	ppb
Cobalt	59-2	464.66	470.85	474.76	470.09	1.08	ppb
Copper	63-2	937.64	907.57	910.14	918.45	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121371.97	122908.40	122617.59	122299.32	0.67	ppb
Iron	57-2	122667.30	121888.25	122918.54	122491.36	0.44	ppb
Lead	206-1	481.76	479.56	473.97	478.43	0.84	ppb
Lead	207-1	471.85	473.37	468.89	471.37	0.48	ppb
Lead	208-1	487.76	484.74	485.53	486.01	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	244595.39	248455.26	245749.48	246266.71	0.80	ppb
Manganese	55-2	962.22	971.48	968.44	967.38	0.49	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	488.53	492.89	500.08	493.84	1.18	ppb
Molybdenum	95-1	476.34	478.23	482.97	479.18	0.71	ppb
Molybdenum	96-1	479.75	479.17	484.94	481.29	0.66	ppb
Molybdenum	97-1	479.26	479.91	483.97	481.05	0.53	ppb
Molybdenum	98-1	485.35	484.07	498.37	489.26	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.12	467.60	470.61	466.44	1.04	ppb
Phosphorus	31-2	9810.98	9963.43	10025.76	9933.39	1.11	ppb
Potassium	39-2	122600.08	124134.98	123404.50	123379.86	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	472.46	480.06	466.32	472.94	1.46	ppb
Selenium	78-2	482.18	491.84	484.74	486.26	1.03	ppb
Selenium	82-1	470.65	475.25	479.94	475.28	0.98	ppb
Silicon	28-1	458.81	474.50	467.42	466.91	1.68	ppb
Silver	109-1	492.11	479.20	485.06	485.46	1.33	ppb
Silver	107-1	484.74	486.65	487.81	486.40	0.32	ppb
Sodium	23-2	251209.78	250225.04	248165.31	249866.71	0.62	ppb
Strontium	86-1	499.36	499.90	505.60	501.62	0.69	ppb
Strontium	88-1	504.57	506.76	513.14	508.16	0.88	ppb
Sulfur	34-1	8700.51	9094.36	8776.58	8857.15	2.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	478.71	486.99	482.32	482.67	0.86	ppb
Thallium	205-1	503.07	495.57	488.55	495.73	1.46	ppb
Tin	118-1	481.33	504.49	479.12	488.31	2.88	ppb
Titanium	47-1	480.14	486.03	483.63	483.27	0.61	ppb
Uranium	238-1	491.05	496.82	492.07	493.31	0.62	ppb
Vanadium	51-2	485.39	489.80	486.20	487.13	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	928.26	939.83	941.25	936.45	0.76	ppb
Zirconium	90-1	493.39	496.25	501.12	496.92	0.79	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.63	482.97	491.97	486.52	0.98	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.13	-0.35	-0.21		ppb
Antimony	121-1	0.33	0.35	0.35	0.34	3.28	ppb
Arsenic	75-2	0.07	0.08	0.06	0.07	11.05	ppb
Barium	135-1	0.01	0.00	-0.02	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	235.58	ppb
Beryllium	9-1	0.03	0.04	0.03	0.04	19.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.80	2.89	2.81	2.83	1.80	ppb
Boron	11-1	3.18	3.60	3.22	3.33	6.99	ppb
Cadmium	111-1	-0.06	-0.05	-0.02	-0.04		ppb
Cadmium	106-1	-1.03	-0.72	-0.36	-0.70		ppb
Cadmium	108-1	0.00	0.07	-0.01	0.02	233.42	ppb
Calcium	43-1	-4.29	-3.78	-4.84	-4.30		ppb
Calcium	44-1	68.20	59.89	56.89	61.66	9.50	ppb
Chromium	52-2	0.07	0.06	0.07	0.07	7.41	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.14	0.16	0.17	0.16	9.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.24	1.21	1.07	1.17	7.92	ppb
Iron	57-2	1.96	2.35	1.87	2.06	12.28	ppb
Lead	206-1	0.16	0.19	0.20	0.18	10.53	ppb
Lead	207-1	0.22	0.20	0.22	0.22	4.71	ppb
Lead	208-1	0.19	0.20	0.19	0.19	1.50	ppb
Lithium	6-1						%
Magnesium	24-2	2.23	2.06	1.63	1.97	15.77	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	35.56	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.05	0.06	12.93	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	4.58	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	9.90	ppb
Molybdenum	97-1	0.11	0.09	0.13	0.11	16.24	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	9.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	3.88	-12.08	-5.40	-4.53		ppb
Potassium	39-2	29.56	35.38	37.91	34.29	12.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.10	0.16	-0.10	-0.01		ppb
Selenium	78-2	0.29	0.04	0.22	0.18	70.00	ppb
Selenium	82-1	-0.27	-0.44	-0.87	-0.53		ppb
Silicon	28-1	-4.03	-4.61	-4.97	-4.54		ppb
Silver	109-1	0.04	0.05	0.04	0.04	4.57	ppb
Silver	107-1	0.04	0.03	0.04	0.04	5.00	ppb
Sodium	23-2	106.35	103.03	101.52	103.63	2.38	ppb
Strontium	86-1	-0.03	-0.05	-0.04	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1870.39	-1733.68	-1816.19	-1806.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.11	0.12	9.72	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	3.92	ppb
Tin	118-1	0.11	0.11	0.11	0.11	2.29	ppb
Titanium	47-1	0.00	0.00	0.05	0.02	150.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	15.78	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	23.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.22	0.13	0.17	30.00	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	12.89	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	8.51	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	279.45	273.08	279.19	277.24	1.30	ppb
Antimony	121-1	4.67	3.41	2.90	3.66	24.86	ppb
Arsenic	75-2	18.51	18.18	18.05	18.25	1.31	ppb
Barium	135-1	40.50	40.17	40.33	40.33	0.40	ppb
Barium	137-1	40.20	40.46	40.78	40.48	0.72	ppb
Beryllium	9-1	0.07	0.04	0.06	0.06	24.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.36	45.51	45.31	46.06	2.45	ppb
Boron	11-1	49.48	47.38	48.96	48.61	2.25	ppb
Cadmium	111-1	0.14	0.09	0.04	0.09	56.99	ppb
Cadmium	106-1	-1.72	-1.41	-1.59	-1.57		ppb
Cadmium	108-1	0.46	0.21	0.38	0.35	35.77	ppb
Calcium	43-1	58053.56	57676.17	58165.12	57964.95	0.44	ppb
Calcium	44-1	59350.64	59327.08	59416.53	59364.75	0.08	ppb
Chromium	52-2	2.53	2.63	2.59	2.58	2.02	ppb
Cobalt	59-2	1.17	1.20	1.18	1.18	1.26	ppb
Copper	63-2	3.64	3.47	3.43	3.51	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1093.67	1105.84	1107.45	1102.32	0.68	ppb
Iron	57-2	1131.40	1150.49	1159.40	1147.10	1.25	ppb
Lead	206-1	0.75	0.67	0.68	0.70	6.15	ppb
Lead	207-1	0.70	0.66	0.65	0.67	4.03	ppb
Lead	208-1	0.72	0.67	0.66	0.68	4.85	ppb
Lithium	6-1						%
Magnesium	24-2	21026.15	20639.53	20611.78	20759.15	1.12	ppb
Manganese	55-2	1107.49	1119.19	1117.46	1114.71	0.57	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.61	7.65	7.63	7.63	0.27	ppb
Molybdenum	95-1	23.83	23.85	23.96	23.88	0.29	ppb
Molybdenum	96-1	20.09	19.99	20.12	20.06	0.34	ppb
Molybdenum	97-1	24.03	24.01	24.47	24.17	1.08	ppb
Molybdenum	98-1	23.28	23.65	23.69	23.54	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.90	2.91	2.90	0.57	ppb
Phosphorus	31-2	40.83	51.17	42.72	44.91	12.27	ppb
Potassium	39-2	9509.47	9582.18	9480.73	9524.13	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.59	2.57	1.24	1.80	38.12	ppb
Selenium	78-2	0.55	0.90	-0.42	0.34	199.51	ppb
Selenium	82-1	-0.65	0.27	0.00	-0.12		ppb
Silicon	28-1	4168.28	4103.22	4150.35	4140.62	0.81	ppb
Silver	109-1	1.28	1.19	1.02	1.17	11.39	ppb
Silver	107-1	1.33	1.17	1.01	1.17	13.54	ppb
Sodium	23-2	55032.16	54718.92	54595.17	54782.09	0.41	ppb
Strontium	86-1	422.64	424.15	420.77	422.52	0.40	ppb
Strontium	88-1	430.83	434.43	430.88	432.04	0.48	ppb
Sulfur	34-1	18705.99	18138.02	18409.64	18417.88	1.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.16	0.11	0.18	41.33	ppb
Thallium	205-1	0.24	0.16	0.12	0.17	37.29	ppb
Tin	118-1	3.03	2.97	2.99	3.00	0.98	ppb
Titanium	47-1	14.41	14.67	15.00	14.69	2.02	ppb
Uranium	238-1	3.05	3.09	3.13	3.09	1.28	ppb
Vanadium	51-2	1.18	1.10	1.24	1.17	6.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.38	7.97	7.89	8.08	3.26	ppb
Zirconium	90-1	0.56	0.47	0.47	0.50	10.15	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.57	0.47	0.49	0.51	10.43	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	261.95	257.95	266.36	262.09	1.60	ppb
Antimony	121-1	1.59	1.50	1.43	1.50	5.40	ppb
Arsenic	75-2	21.24	21.35	21.34	21.31	0.29	ppb
Barium	135-1	20.78	19.97	20.39	20.38	1.98	ppb
Barium	137-1	20.49	20.50	20.22	20.40	0.78	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	16.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	60.45	59.29	56.55	58.76	3.41	ppb
Boron	11-1	62.54	60.93	61.32	61.59	1.36	ppb
Cadmium	111-1	-0.12	-0.12	-0.08	-0.11		ppb
Cadmium	106-1	-2.03	-2.06	-1.68	-1.92		ppb
Cadmium	108-1	0.21	0.17	0.09	0.16	38.99	ppb
Calcium	43-1	44554.74	44330.17	45189.51	44691.47	1.00	ppb
Calcium	44-1	45656.29	45447.68	46342.88	45815.61	1.02	ppb
Chromium	52-2	1.89	1.87	1.99	1.92	3.31	ppb
Cobalt	59-2	0.74	0.75	0.73	0.74	1.67	ppb
Copper	63-2	3.37	3.26	3.28	3.30	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1482.14	1495.22	1502.86	1493.40	0.70	ppb
Iron	57-2	1514.29	1526.68	1526.66	1522.54	0.47	ppb
Lead	206-1	0.52	0.54	0.52	0.52	2.25	ppb
Lead	207-1	0.52	0.50	0.50	0.51	2.13	ppb
Lead	208-1	0.52	0.52	0.51	0.52	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	16833.58	16837.10	16980.43	16883.70	0.50	ppb
Manganese	55-2	978.18	987.28	989.99	985.15	0.63	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.34	5.34	5.31	5.33	0.34	ppb
Molybdenum	95-1	16.91	16.69	16.39	16.66	1.59	ppb
Molybdenum	96-1	13.87	13.99	14.09	13.98	0.79	ppb
Molybdenum	97-1	16.99	16.99	17.07	17.02	0.26	ppb
Molybdenum	98-1	16.44	16.51	16.45	16.47	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.84	1.71	1.76	4.05	ppb
Phosphorus	31-2	41.16	42.39	47.43	43.66	7.61	ppb
Potassium	39-2	4883.64	4891.93	4844.40	4873.32	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.96	3.99	3.65	3.53	14.81	ppb
Selenium	78-2	0.00	0.69	0.17	0.29	125.03	ppb
Selenium	82-1	0.01	0.19	-0.17	0.01	1932.25	ppb
Silicon	28-1	4714.90	4695.84	4661.89	4690.88	0.57	ppb
Silver	109-1	0.59	0.59	0.57	0.58	2.44	ppb
Silver	107-1	0.60	0.59	0.54	0.58	5.01	ppb
Sodium	23-2	34763.27	34970.63	35005.04	34912.98	0.37	ppb
Strontium	86-1	279.59	282.75	282.86	281.74	0.66	ppb
Strontium	88-1	283.33	290.28	284.75	286.12	1.28	ppb
Sulfur	34-1	3485.25	3321.20	3456.91	3421.12	2.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.02	0.03	22.08	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	7.16	ppb
Tin	118-1	1.98	2.00	1.94	1.97	1.65	ppb
Titanium	47-1	17.04	14.51	14.81	15.45	8.96	ppb
Uranium	238-1	0.95	0.96	0.95	0.96	0.80	ppb
Vanadium	51-2	1.13	1.17	1.12	1.14	2.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.44	7.99	8.10	7.84	4.52	ppb
Zirconium	90-1	0.32	0.32	0.31	0.32	1.50	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.32	0.30	0.33	10.25	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	171.40	166.35	170.58	169.44	1.60	ppb
Antimony	121-1	1.48	1.43	1.44	1.45	1.77	ppb
Arsenic	75-2	14.01	13.75	13.98	13.91	1.01	ppb
Barium	135-1	30.14	29.67	30.93	30.25	2.10	ppb
Barium	137-1	30.16	29.73	30.64	30.18	1.50	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	67.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	34.44	34.09	32.50	33.67	3.06	ppb
Boron	11-1	33.24	33.12	32.01	32.79	2.07	ppb
Cadmium	111-1	-0.12	-0.05	-0.13	-0.10		ppb
Cadmium	106-1	-1.87	-0.99	-2.04	-1.63		ppb
Cadmium	108-1	0.09	0.16	0.09	0.12	36.55	ppb
Calcium	43-1	55225.53	53817.60	53612.36	54218.50	1.62	ppb
Calcium	44-1	56162.04	55508.46	54838.09	55502.87	1.19	ppb
Chromium	52-2	1.17	1.20	1.23	1.20	2.36	ppb
Cobalt	59-2	1.17	1.16	1.15	1.16	0.49	ppb
Copper	63-2	2.64	2.60	2.49	2.58	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2607.93	2598.09	2604.01	2603.34	0.19	ppb
Iron	57-2	2605.09	2593.12	2584.94	2594.38	0.39	ppb
Lead	206-1	0.47	0.48	0.48	0.48	1.19	ppb
Lead	207-1	0.44	0.48	0.49	0.47	5.88	ppb
Lead	208-1	0.46	0.49	0.48	0.48	2.99	ppb
Lithium	6-1						%
Magnesium	24-2	13298.97	13180.23	13212.51	13230.57	0.46	ppb
Manganese	55-2	1146.05	1144.21	1142.20	1144.15	0.17	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.00	4.10	4.00	4.03	1.49	ppb
Molybdenum	95-1	12.64	12.60	12.44	12.56	0.84	ppb
Molybdenum	96-1	10.49	10.62	10.40	10.50	1.05	ppb
Molybdenum	97-1	12.56	12.68	12.60	12.61	0.51	ppb
Molybdenum	98-1	12.50	12.47	12.50	12.49	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.72	2.70	2.73	1.31	ppb
Phosphorus	31-2	25.17	6.75	24.50	18.81	55.54	ppb
Potassium	39-2	4637.37	4606.67	4625.38	4623.14	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.92	1.59	1.93	1.48	34.76	ppb
Selenium	78-2	0.17	0.15	-0.13	0.06	266.28	ppb
Selenium	82-1	-0.17	-0.46	-0.10	-0.24		ppb
Silicon	28-1	3834.75	3697.91	3695.51	3742.73	2.13	ppb
Silver	109-1	0.47	0.45	0.45	0.46	2.77	ppb
Silver	107-1	0.46	0.44	0.46	0.46	2.25	ppb
Sodium	23-2	47876.24	47574.51	47043.82	47498.19	0.89	ppb
Strontium	86-1	294.26	296.42	294.52	295.07	0.40	ppb
Strontium	88-1	297.72	301.46	297.92	299.03	0.70	ppb
Sulfur	34-1	28220.67	27126.71	27100.47	27482.62	2.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	24.91	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.72	ppb
Tin	118-1	1.92	2.03	1.98	1.97	2.78	ppb
Titanium	47-1	9.53	9.32	9.45	9.43	1.10	ppb
Uranium	238-1	3.01	3.04	3.06	3.04	0.81	ppb
Vanadium	51-2	1.07	1.15	1.08	1.10	3.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.60	8.01	7.51	7.71	3.45	ppb
Zirconium	90-1	0.24	0.21	0.22	0.22	7.63	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.25	0.18	0.23	18.68	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	243.64	234.31	234.81	237.59	2.21	ppb
Antimony	121-1	1.31	1.24	1.14	1.23	6.74	ppb
Arsenic	75-2	16.39	16.38	15.91	16.23	1.68	ppb
Barium	135-1	17.90	18.02	17.80	17.91	0.62	ppb
Barium	137-1	17.81	17.89	17.90	17.87	0.27	ppb
Beryllium	9-1	0.09	0.09	0.07	0.08	13.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.35	62.51	67.22	64.69	3.66	ppb
Boron	11-1	67.40	69.49	69.64	68.84	1.82	ppb
Cadmium	111-1	-0.13	-0.18	-0.16	-0.16		ppb
Cadmium	106-1	-1.89	-2.54	-2.46	-2.30		ppb
Cadmium	108-1	0.15	0.21	0.22	0.20	19.54	ppb
Calcium	43-1	24735.92	24666.29	24302.89	24568.37	0.95	ppb
Calcium	44-1	25063.88	25247.35	25300.10	25203.78	0.49	ppb
Chromium	52-2	2.42	2.43	2.37	2.41	1.39	ppb
Cobalt	59-2	0.68	0.66	0.69	0.68	2.17	ppb
Copper	63-2	3.77	3.86	3.86	3.83	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	550.64	556.00	553.12	553.25	0.48	ppb
Iron	57-2	582.16	561.45	576.68	573.43	1.87	ppb
Lead	206-1	0.40	0.38	0.42	0.40	5.14	ppb
Lead	207-1	0.38	0.41	0.37	0.38	5.54	ppb
Lead	208-1	0.39	0.38	0.40	0.39	3.04	ppb
Lithium	6-1						%
Magnesium	24-2	8517.42	8580.51	8525.61	8541.18	0.40	ppb
Manganese	55-2	531.12	533.32	533.02	532.49	0.22	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.51	7.59	7.54	7.55	0.59	ppb
Molybdenum	95-1	23.81	23.97	24.14	23.97	0.67	ppb
Molybdenum	96-1	20.09	20.14	20.31	20.18	0.57	ppb
Molybdenum	97-1	24.17	23.65	24.49	24.10	1.76	ppb
Molybdenum	98-1	23.52	23.39	24.10	23.67	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.60	2.50	2.53	2.37	ppb
Phosphorus	31-2	43.15	29.99	56.16	43.10	30.36	ppb
Potassium	39-2	6273.33	6303.50	6331.93	6302.92	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.69	2.63	2.95	3.09	17.61	ppb
Selenium	78-2	0.32	0.12	0.11	0.18	65.71	ppb
Selenium	82-1	0.02	0.03	-0.39	-0.11		ppb
Silicon	28-1	3657.75	3580.81	3573.07	3603.88	1.30	ppb
Silver	109-1	0.39	0.38	0.38	0.38	2.17	ppb
Silver	107-1	0.40	0.38	0.37	0.38	3.49	ppb
Sodium	23-2	98349.30	99376.86	98240.33	98655.50	0.64	ppb
Strontium	86-1	317.21	314.78	318.35	316.78	0.58	ppb
Strontium	88-1	324.90	324.69	325.01	324.87	0.05	ppb
Sulfur	34-1	15556.68	15177.41	15209.74	15314.61	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	22.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.59	ppb
Tin	118-1	1.75	1.79	1.83	1.79	2.26	ppb
Titanium	47-1	12.04	12.10	12.45	12.20	1.82	ppb
Uranium	238-1	1.57	1.56	1.60	1.58	1.25	ppb
Vanadium	51-2	1.20	1.13	1.16	1.16	2.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.03	5.75	5.84	5.87	2.49	ppb
Zirconium	90-1	0.23	0.20	0.20	0.21	9.44	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.24	0.24	0.24	1.23	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.74	139.60	140.34	138.90	1.37	ppb
Antimony	121-1	2.13	2.06	1.99	2.06	3.44	ppb
Arsenic	75-2	1.91	1.69	1.55	1.72	10.67	ppb
Barium	135-1	68.03	66.83	66.62	67.16	1.14	ppb
Barium	137-1	67.49	67.59	66.18	67.08	1.17	ppb
Beryllium	9-1	0.08	0.00	0.05	0.04	85.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.61	57.89	60.22	58.57	2.45	ppb
Boron	11-1	60.94	60.47	58.38	59.93	2.27	ppb
Cadmium	111-1	-0.18	-0.22	-0.13	-0.18		ppb
Cadmium	106-1	-2.70	-3.10	-1.98	-2.59		ppb
Cadmium	108-1	0.11	0.18	0.16	0.15	25.82	ppb
Calcium	43-1	60538.98	59165.78	59796.20	59833.65	1.15	ppb
Calcium	44-1	61413.25	59798.44	60908.66	60706.79	1.36	ppb
Chromium	52-2	1.02	1.00	1.03	1.02	1.24	ppb
Cobalt	59-2	0.60	0.62	0.62	0.61	1.90	ppb
Copper	63-2	2.75	2.85	2.79	2.80	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	247.15	251.45	249.18	249.26	0.86	ppb
Iron	57-2	287.35	278.43	288.45	284.74	1.93	ppb
Lead	206-1	0.35	0.34	0.31	0.34	6.47	ppb
Lead	207-1	0.35	0.32	0.33	0.33	5.45	ppb
Lead	208-1	0.34	0.32	0.32	0.33	4.34	ppb
Lithium	6-1						%
Magnesium	24-2	5546.43	5484.13	5555.76	5528.77	0.70	ppb
Manganese	55-2	8.52	8.35	8.28	8.38	1.50	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.82	6.69	6.75	6.75	0.98	ppb
Molybdenum	95-1	21.12	21.60	21.28	21.33	1.16	ppb
Molybdenum	96-1	18.17	18.10	17.92	18.06	0.71	ppb
Molybdenum	97-1	21.66	21.77	21.47	21.63	0.71	ppb
Molybdenum	98-1	21.09	21.04	21.41	21.18	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.38	6.42	6.44	6.41	0.48	ppb
Phosphorus	31-2	15.83	7.82	16.79	13.48	36.54	ppb
Potassium	39-2	19939.01	19847.49	20037.73	19941.41	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.30	2.28	3.30	2.63	22.13	ppb
Selenium	78-2	0.42	-0.68	-0.01	-0.09		ppb
Selenium	82-1	0.34	0.14	0.20	0.23	46.24	ppb
Silicon	28-1	1339.52	1319.85	1310.10	1323.16	1.13	ppb
Silver	109-1	0.35	0.35	0.33	0.35	4.15	ppb
Silver	107-1	0.34	0.35	0.32	0.34	3.93	ppb
Sodium	23-2	133367.12	132647.90	133263.58	133092.87	0.29	ppb
Strontium	86-1	4241.20	4263.93	4302.26	4269.13	0.72	ppb
Strontium	88-1	4219.66	4198.25	4235.76	4217.89	0.45	ppb
Sulfur	34-1	11474.95	11349.93	11453.66	11426.18	0.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	3.58	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.24	ppb
Tin	118-1	1.55	1.45	1.47	1.49	3.41	ppb
Titanium	47-1	8.00	7.90	7.67	7.86	2.14	ppb
Uranium	238-1	1.14	1.12	1.13	1.13	1.20	ppb
Vanadium	51-2	1.19	1.15	1.13	1.16	2.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.09	6.00	6.34	6.14	2.92	ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	0.88	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.13	0.14	0.13	4.86	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.86	138.16	133.94	133.99	3.10	ppb
Antimony	121-1	2.10	2.02	1.98	2.03	3.01	ppb
Arsenic	75-2	1.80	1.81	1.76	1.79	1.63	ppb
Barium	135-1	67.17	66.58	66.29	66.68	0.67	ppb
Barium	137-1	67.13	67.08	65.67	66.63	1.25	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	20.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	55.68	57.29	58.68	57.21	2.62	ppb
Boron	11-1	59.81	59.25	59.93	59.66	0.61	ppb
Cadmium	111-1	-0.13	-0.15	-0.22	-0.17		ppb
Cadmium	106-1	-1.97	-2.29	-3.25	-2.50		ppb
Cadmium	108-1	0.12	0.09	0.12	0.11	16.28	ppb
Calcium	43-1	60162.26	59739.89	59910.96	59937.71	0.35	ppb
Calcium	44-1	61247.86	60579.77	61252.45	61026.69	0.63	ppb
Chromium	52-2	0.96	1.04	1.03	1.01	4.34	ppb
Cobalt	59-2	0.64	0.67	0.66	0.66	1.86	ppb
Copper	63-2	2.90	2.82	2.81	2.84	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	248.09	249.65	250.19	249.31	0.44	ppb
Iron	57-2	287.49	287.94	289.24	288.22	0.32	ppb
Lead	206-1	0.34	0.31	0.29	0.31	8.16	ppb
Lead	207-1	0.32	0.32	0.34	0.33	3.50	ppb
Lead	208-1	0.32	0.31	0.30	0.31	2.58	ppb
Lithium	6-1						%
Magnesium	24-2	5535.30	5597.90	5589.12	5574.11	0.61	ppb
Manganese	55-2	8.44	8.52	8.59	8.52	0.91	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.55	6.59	6.67	6.60	0.86	ppb
Molybdenum	95-1	21.70	21.54	21.20	21.48	1.19	ppb
Molybdenum	96-1	18.02	17.84	17.85	17.91	0.55	ppb
Molybdenum	97-1	21.39	21.49	21.98	21.62	1.46	ppb
Molybdenum	98-1	21.17	20.77	21.13	21.02	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.30	6.58	6.53	6.47	2.31	ppb
Phosphorus	31-2	8.25	26.15	10.22	14.87	65.97	ppb
Potassium	39-2	20090.64	19929.02	19704.47	19908.04	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.67	4.00	3.67	3.45	20.07	ppb
Selenium	78-2	-0.13	0.23	-0.38	-0.09		ppb
Selenium	82-1	0.43	0.43	0.19	0.35	40.34	ppb
Silicon	28-1	1328.50	1323.67	1315.87	1322.68	0.48	ppb
Silver	109-1	0.33	0.30	0.29	0.31	6.33	ppb
Silver	107-1	0.32	0.31	0.29	0.30	4.59	ppb
Sodium	23-2	134300.50	132159.79	134151.63	133537.31	0.90	ppb
Strontium	86-1	4259.74	4263.48	4271.58	4264.93	0.14	ppb
Strontium	88-1	4191.39	4173.30	4202.43	4189.04	0.35	ppb
Sulfur	34-1	12238.82	11908.53	12102.50	12083.28	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	59.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.65	ppb
Tin	118-1	1.43	1.43	1.48	1.44	1.85	ppb
Titanium	47-1	8.17	7.70	7.63	7.83	3.74	ppb
Uranium	238-1	1.12	1.12	1.12	1.12	0.29	ppb
Vanadium	51-2	1.19	1.29	1.22	1.23	4.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.23	5.84	6.32	6.13	4.15	ppb
Zirconium	90-1	0.14	0.12	0.13	0.13	7.71	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.10	0.16	0.13	24.54	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.21	27.68	23.81	25.57	7.66	ppb
Antimony	121-1	0.79	0.79	0.80	0.79	0.88	ppb
Arsenic	75-2	0.37	0.42	0.35	0.38	9.24	ppb
Barium	135-1	13.02	12.95	12.91	12.96	0.46	ppb
Barium	137-1	13.10	12.93	12.90	12.98	0.84	ppb
Beryllium	9-1	0.03	0.02	0.05	0.03	41.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.49	10.09	10.68	11.09	11.31	ppb
Boron	11-1	13.22	14.12	13.85	13.73	3.38	ppb
Cadmium	111-1	-0.12	-0.10	-0.09	-0.10		ppb
Cadmium	106-1	-1.68	-1.38	-1.26	-1.44		ppb
Cadmium	108-1	-0.02	0.04	0.03	0.02	163.60	ppb
Calcium	43-1	11335.49	11669.54	11598.13	11534.39	1.53	ppb
Calcium	44-1	11484.09	11880.67	11738.30	11701.02	1.72	ppb
Chromium	52-2	0.29	0.31	0.22	0.27	16.51	ppb
Cobalt	59-2	0.10	0.12	0.10	0.11	9.34	ppb
Copper	63-2	1.02	1.01	1.01	1.02	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.12	48.19	47.80	48.04	0.43	ppb
Iron	57-2	57.02	55.31	55.49	55.94	1.68	ppb
Lead	206-1	0.04	0.02	0.03	0.03	31.78	ppb
Lead	207-1	0.03	0.05	0.02	0.04	52.00	ppb
Lead	208-1	0.03	0.02	0.02	0.02	21.49	ppb
Lithium	6-1						%
Magnesium	24-2	1077.19	1068.90	1059.09	1068.39	0.85	ppb
Manganese	55-2	1.63	1.51	1.54	1.56	4.03	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.21	1.28	1.35	1.28	5.76	ppb
Molybdenum	95-1	4.05	4.16	4.10	4.10	1.39	ppb
Molybdenum	96-1	3.37	3.44	3.54	3.45	2.39	ppb
Molybdenum	97-1	4.06	4.16	4.20	4.14	1.74	ppb
Molybdenum	98-1	4.03	4.09	4.22	4.11	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.14	1.25	1.20	4.78	ppb
Phosphorus	31-2	-21.78	-4.25	4.47	-7.19		ppb
Potassium	39-2	3813.73	3820.48	3786.12	3806.78	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.21	0.83	0.21	0.42	86.33	ppb
Selenium	78-2	-0.05	-0.74	-0.48	-0.42		ppb
Selenium	82-1	-0.17	-0.28	-0.38	-0.28		ppb
Silicon	28-1	284.53	290.19	288.69	287.80	1.02	ppb
Silver	109-1	0.15	0.15	0.16	0.15	3.33	ppb
Silver	107-1	0.15	0.17	0.16	0.16	6.72	ppb
Sodium	23-2	25911.33	25409.70	25197.38	25506.13	1.44	ppb
Strontium	86-1	788.00	796.67	804.67	796.45	1.05	ppb
Strontium	88-1	806.71	815.26	825.31	815.76	1.14	ppb
Sulfur	34-1	1755.68	2076.34	2075.11	1969.04	9.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	2189.70	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.15	0.13	0.14	0.14	10.23	ppb
Titanium	47-1	1.53	1.54	1.51	1.53	1.09	ppb
Uranium	238-1	0.22	0.22	0.21	0.22	2.46	ppb
Vanadium	51-2	0.22	0.24	0.23	0.23	4.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.45	1.42	1.40	1.42	1.93	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.23	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	88.08	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8732.27	8632.52	8677.56	8680.79	0.58	ppb
Antimony	121-1	548.42	556.94	560.46	555.27	1.12	ppb
Arsenic	75-2	586.02	590.74	594.55	590.44	0.72	ppb
Barium	135-1	2413.05	2440.32	2423.07	2425.48	0.57	ppb
Barium	137-1	2401.66	2407.50	2452.36	2420.51	1.15	ppb
Beryllium	9-1	576.06	575.61	572.87	574.84	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1098.70	1117.33	1129.13	1115.05	1.38	ppb
Boron	11-1	1139.49	1147.15	1135.17	1140.60	0.53	ppb
Cadmium	111-1	530.26	538.91	541.28	536.82	1.08	ppb
Cadmium	106-1	523.62	530.57	527.73	527.31	0.66	ppb
Cadmium	108-1	535.86	531.74	538.45	535.35	0.63	ppb
Calcium	43-1	109871.91	107790.49	107755.21	108472.53	1.12	ppb
Calcium	44-1	111480.54	109833.80	109703.13	110339.16	0.90	ppb
Chromium	52-2	626.11	621.94	629.72	625.93	0.62	ppb
Cobalt	59-2	630.92	630.82	636.65	632.79	0.53	ppb
Copper	63-2	1090.27	1083.93	1092.07	1088.76	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26363.18	26173.26	26385.55	26307.33	0.44	ppb
Iron	57-2	25581.55	25490.19	25870.44	25647.39	0.77	ppb
Lead	206-1	550.17	547.84	549.50	549.17	0.22	ppb
Lead	207-1	542.68	541.06	548.07	543.94	0.67	ppb
Lead	208-1	560.72	558.67	562.87	560.75	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	60429.60	58989.43	60041.87	59820.30	1.25	ppb
Manganese	55-2	977.01	985.79	985.70	982.84	0.51	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	667.47	681.41	669.74	672.87	1.11	ppb
Molybdenum	95-1	971.80	982.72	975.48	976.67	0.57	ppb
Molybdenum	96-1	895.21	913.43	910.77	906.47	1.09	ppb
Molybdenum	97-1	961.40	976.28	969.58	969.09	0.77	ppb
Molybdenum	98-1	990.96	997.27	987.33	991.85	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	639.19	642.81	642.33	641.44	0.31	ppb
Phosphorus	31-2	28.97	21.96	3.77	18.23	71.35	ppb
Potassium	39-2	42403.98	41534.65	41975.23	41971.29	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	503.78	556.67	531.67	530.71	4.99	ppb
Selenium	78-2	546.58	544.84	539.12	543.51	0.72	ppb
Selenium	82-1	545.32	555.07	545.37	548.59	1.02	ppb
Silicon	28-1	2166.00	2101.47	2087.76	2118.41	1.97	ppb
Silver	109-1	566.94	569.75	571.38	569.36	0.40	ppb
Silver	107-1	567.97	569.58	579.27	572.27	1.07	ppb
Sodium	23-2	186527.29	183841.25	185514.48	185294.34	0.73	ppb
Strontium	86-1	4677.44	4805.90	4707.14	4730.16	1.42	ppb
Strontium	88-1	4587.50	4729.99	4615.19	4644.23	1.63	ppb
Sulfur	34-1	12635.76	11842.23	11547.28	12008.43	4.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	586.17	579.87	590.14	585.39	0.88	ppb
Thallium	205-1	586.74	581.14	583.73	583.87	0.48	ppb
Tin	118-1	899.18	914.34	917.49	910.34	1.08	ppb
Titanium	47-1	965.93	957.21	953.59	958.91	0.66	ppb
Uranium	238-1	556.34	545.26	554.07	551.89	1.06	ppb
Vanadium	51-2	604.59	599.56	608.68	604.28	0.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1022.88	1018.57	1028.89	1023.45	0.51	ppb
Zirconium	90-1	534.51	541.17	535.98	537.22	0.65	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	522.17	533.69	525.78	527.21	1.12	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9297.44	9219.70	9201.43	9239.52	0.55	ppb
Antimony	121-1	504.54	512.05	508.84	508.47	0.74	ppb
Arsenic	75-2	545.39	545.15	542.89	544.48	0.25	ppb
Barium	135-1	2543.96	2581.93	2573.42	2566.44	0.78	ppb
Barium	137-1	2566.90	2583.87	2568.81	2573.19	0.36	ppb
Beryllium	9-1	536.34	547.06	533.27	538.89	1.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1203.35	1246.67	1200.22	1216.75	2.13	ppb
Boron	11-1	1223.22	1255.36	1232.95	1237.18	1.33	ppb
Cadmium	111-1	490.11	497.16	490.57	492.61	0.80	ppb
Cadmium	106-1	485.83	493.03	482.53	487.13	1.10	ppb
Cadmium	108-1	489.14	490.13	488.53	489.27	0.16	ppb
Calcium	43-1	112157.10	110451.00	111885.16	111497.75	0.82	ppb
Calcium	44-1	112999.32	111836.32	113561.55	112799.06	0.78	ppb
Chromium	52-2	574.83	573.16	581.04	576.34	0.72	ppb
Cobalt	59-2	579.57	579.23	585.56	581.45	0.61	ppb
Copper	63-2	1161.36	1154.02	1169.15	1161.51	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27930.27	27824.32	27864.88	27873.16	0.19	ppb
Iron	57-2	27219.79	27124.58	27407.50	27250.62	0.53	ppb
Lead	206-1	500.84	500.27	508.06	503.06	0.86	ppb
Lead	207-1	499.10	497.99	499.43	498.84	0.15	ppb
Lead	208-1	513.40	513.27	514.20	513.62	0.10	ppb
Lithium	6-1						%
Magnesium	24-2	69382.81	69600.31	69989.45	69657.52	0.44	ppb
Manganese	55-2	1039.37	1042.32	1049.68	1043.79	0.51	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	648.19	661.56	662.62	657.46	1.22	ppb
Molybdenum	95-1	1026.70	1039.95	1031.39	1032.68	0.65	ppb
Molybdenum	96-1	927.27	953.40	949.17	943.28	1.49	ppb
Molybdenum	97-1	1012.24	1029.28	1030.22	1023.91	0.99	ppb
Molybdenum	98-1	1029.20	1039.23	1022.64	1030.36	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	590.54	587.41	593.97	590.64	0.56	ppb
Phosphorus	31-2	19.43	6.18	-8.20	5.80	238.06	ppb
Potassium	39-2	44149.06	43827.60	44442.61	44139.76	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	492.19	496.74	512.18	500.37	2.09	ppb
Selenium	78-2	509.89	488.33	488.53	495.58	2.50	ppb
Selenium	82-1	498.84	500.60	495.77	498.40	0.49	ppb
Silicon	28-1	2133.79	2181.55	2154.02	2156.45	1.11	ppb
Silver	109-1	525.43	530.21	519.05	524.90	1.07	ppb
Silver	107-1	521.91	522.63	519.98	521.51	0.26	ppb
Sodium	23-2	186745.16	186862.61	188222.95	187276.90	0.44	ppb
Strontium	86-1	4705.65	4789.72	4794.47	4763.28	1.05	ppb
Strontium	88-1	4677.14	4708.03	4777.97	4721.05	1.09	ppb
Sulfur	34-1	11208.62	11176.12	11033.60	11139.45	0.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	531.46	539.45	538.12	536.34	0.80	ppb
Thallium	205-1	523.57	537.27	538.45	533.09	1.55	ppb
Tin	118-1	954.09	958.92	957.44	956.82	0.26	ppb
Titanium	47-1	1011.94	1013.48	1011.73	1012.39	0.09	ppb
Uranium	238-1	505.64	505.82	501.99	504.48	0.43	ppb
Vanadium	51-2	554.15	553.32	561.49	556.32	0.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1082.80	1078.48	1091.92	1084.40	0.63	ppb
Zirconium	90-1	484.40	491.97	492.29	489.56	0.91	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.82	484.76	484.43	481.34	1.17	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06A	Instrumnet Name :	P7
Client Sample ID :	S32-0599A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:51:15	DataFile Name :	054SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8902.03	8883.28	8898.62	8894.64	0.11	ppb
Antimony	121-1	536.58	541.51	533.22	537.10	0.78	ppb
Arsenic	75-2	567.44	569.44	577.60	571.50	0.94	ppb
Barium	135-1	2527.14	2493.17	2494.57	2504.96	0.77	ppb
Barium	137-1	2484.04	2491.17	2493.83	2489.68	0.20	ppb
Beryllium	9-1	569.72	572.06	564.77	568.85	0.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1188.45	1195.45	1190.26	1191.39	0.31	ppb
Boron	11-1	1206.72	1220.60	1210.10	1212.47	0.60	ppb
Cadmium	111-1	517.44	517.29	517.98	517.57	0.07	ppb
Cadmium	106-1	506.77	502.11	505.04	504.64	0.47	ppb
Cadmium	108-1	518.61	515.54	509.10	514.42	0.94	ppb
Calcium	43-1	109739.31	107572.10	108943.85	108751.75	1.01	ppb
Calcium	44-1	111075.82	110593.74	110230.42	110633.33	0.38	ppb
Chromium	52-2	605.34	600.21	608.56	604.71	0.70	ppb
Cobalt	59-2	613.34	611.43	614.50	613.09	0.25	ppb
Copper	63-2	1121.28	1125.61	1120.29	1122.39	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27146.04	26994.66	27013.83	27051.51	0.30	ppb
Iron	57-2	26175.07	26548.35	26339.30	26354.24	0.71	ppb
Lead	206-1	534.29	521.37	529.52	528.39	1.24	ppb
Lead	207-1	525.81	517.94	522.76	522.17	0.76	ppb
Lead	208-1	541.72	534.89	539.07	538.56	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	63631.76	63508.89	64024.87	63721.84	0.42	ppb
Manganese	55-2	1011.91	1018.11	1012.35	1014.12	0.34	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06A	Instrumnet Name :	P7
Client Sample ID :	S32-0599A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:51:15	DataFile Name :	054SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	661.16	683.13	673.68	672.66	1.64	ppb
Molybdenum	95-1	995.94	1012.19	1003.70	1003.94	0.81	ppb
Molybdenum	96-1	913.87	925.92	921.72	920.50	0.66	ppb
Molybdenum	97-1	981.85	1007.50	1000.36	996.57	1.33	ppb
Molybdenum	98-1	1002.96	1026.44	1025.85	1018.41	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	619.45	618.82	621.95	620.08	0.27	ppb
Phosphorus	31-2	10.79	14.27	15.59	13.55	18.29	ppb
Potassium	39-2	43387.35	42871.59	42851.55	43036.83	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	528.47	517.39	491.91	512.59	3.66	ppb
Selenium	78-2	521.91	514.95	529.69	522.19	1.41	ppb
Selenium	82-1	520.87	533.94	525.80	526.87	1.25	ppb
Silicon	28-1	2108.01	2102.12	2102.76	2104.29	0.15	ppb
Silver	109-1	551.38	554.41	551.24	552.34	0.32	ppb
Silver	107-1	550.01	553.44	546.62	550.02	0.62	ppb
Sodium	23-2	186581.83	186364.26	186167.49	186371.19	0.11	ppb
Strontium	86-1	4704.94	4815.93	4769.40	4763.42	1.17	ppb
Strontium	88-1	4641.57	4718.23	4700.34	4686.71	0.86	ppb
Sulfur	34-1	10511.41	10214.10	10246.98	10324.16	1.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	567.33	559.29	570.29	565.63	1.01	ppb
Thallium	205-1	567.03	556.35	564.92	562.77	1.00	ppb
Tin	118-1	924.78	937.69	933.47	931.98	0.71	ppb
Titanium	47-1	1001.39	970.78	970.04	980.74	1.82	ppb
Uranium	238-1	522.61	525.36	529.21	525.73	0.63	ppb
Vanadium	51-2	585.01	590.14	590.13	588.43	0.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1051.70	1051.70	1057.59	1053.66	0.32	ppb
Zirconium	90-1	514.46	521.19	517.79	517.81	0.65	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06A	Instrumnet Name :	P7
Client Sample ID :	S32-0599A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:51:15	DataFile Name :	054SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.02	515.02	509.45	510.16	0.89	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46173.23	45828.59	46691.03	46230.95	0.94	ppb
Antimony	121-1	478.56	479.02	488.13	481.90	1.12	ppb
Arsenic	75-2	489.00	489.37	492.12	490.16	0.35	ppb
Barium	135-1	2417.25	2422.07	2441.05	2426.79	0.52	ppb
Barium	137-1	2398.93	2431.77	2437.81	2422.84	0.86	ppb
Beryllium	9-1	508.52	514.61	509.79	510.97	0.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	536.96	541.13	547.04	541.71	0.93	ppb
Boron	11-1	541.21	562.25	559.07	554.18	2.05	ppb
Cadmium	111-1	458.91	469.62	470.70	466.41	1.40	ppb
Cadmium	106-1	458.37	469.88	469.14	465.80	1.38	ppb
Cadmium	108-1	459.87	471.49	477.13	469.50	1.88	ppb
Calcium	43-1	234795.20	233217.16	235308.42	234440.26	0.46	ppb
Calcium	44-1	235529.61	232711.20	235703.34	234648.05	0.72	ppb
Chromium	52-2	491.64	492.77	497.03	493.81	0.58	ppb
Cobalt	59-2	481.17	481.24	483.28	481.89	0.25	ppb
Copper	63-2	930.41	927.37	933.55	930.44	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120358.29	120708.48	121543.69	120870.15	0.50	ppb
Iron	57-2	121805.93	121328.24	122737.14	121957.11	0.59	ppb
Lead	206-1	472.44	478.27	469.82	473.51	0.91	ppb
Lead	207-1	465.19	472.09	468.72	468.67	0.74	ppb
Lead	208-1	480.21	488.42	479.34	482.66	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	239601.62	240090.53	241719.50	240470.55	0.46	ppb
Manganese	55-2	952.60	957.58	963.87	958.02	0.59	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	485.16	475.04	478.19	479.47	1.08	ppb
Molybdenum	95-1	468.36	465.46	471.34	468.39	0.63	ppb
Molybdenum	96-1	473.93	469.37	475.56	472.95	0.68	ppb
Molybdenum	97-1	474.75	471.11	474.47	473.44	0.43	ppb
Molybdenum	98-1	483.59	478.65	482.63	481.62	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.35	475.59	476.51	476.15	0.10	ppb
Phosphorus	31-2	9529.95	9529.53	9639.57	9566.35	0.66	ppb
Potassium	39-2	119497.21	119366.37	119603.21	119488.93	0.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	482.78	463.92	445.03	463.91	4.07	ppb
Selenium	78-2	481.65	469.58	470.68	473.97	1.41	ppb
Selenium	82-1	465.65	462.19	464.71	464.19	0.39	ppb
Silicon	28-1	476.05	485.21	499.68	486.98	2.45	ppb
Silver	109-1	468.97	473.93	478.47	473.79	1.00	ppb
Silver	107-1	463.15	473.05	474.18	470.13	1.29	ppb
Sodium	23-2	244246.60	243618.86	246624.37	244829.94	0.65	ppb
Strontium	86-1	491.92	491.90	492.83	492.22	0.11	ppb
Strontium	88-1	497.72	498.67	492.89	496.43	0.62	ppb
Sulfur	34-1	7712.91	7679.76	8064.51	7819.06	2.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.64	484.46	474.47	485.19	2.29	ppb
Thallium	205-1	490.00	495.93	484.80	490.24	1.14	ppb
Tin	118-1	461.80	468.54	471.26	467.20	1.04	ppb
Titanium	47-1	472.52	476.06	480.10	476.23	0.80	ppb
Uranium	238-1	490.90	499.37	484.98	491.75	1.47	ppb
Vanadium	51-2	491.05	494.47	498.11	494.54	0.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	937.45	934.94	939.93	937.44	0.27	ppb
Zirconium	90-1	479.39	483.03	480.97	481.13	0.38	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.64	474.17	476.30	475.04	0.24	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.62	-0.38	-0.46		ppb
Antimony	121-1	0.93	0.90	0.83	0.89	5.67	ppb
Arsenic	75-2	0.09	0.08	0.11	0.10	16.83	ppb
Barium	135-1	0.05	0.02	0.03	0.03	39.22	ppb
Barium	137-1	0.06	0.04	0.04	0.05	24.17	ppb
Beryllium	9-1	0.07	0.02	0.07	0.05	47.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.42	8.00	6.84	7.42	7.81	ppb
Boron	11-1	8.08	7.39	7.90	7.79	4.64	ppb
Cadmium	111-1	-0.03	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-0.82	-0.48	-0.70	-0.67		ppb
Cadmium	108-1	0.00	0.02	0.06	0.02	122.04	ppb
Calcium	43-1	-1.61	1.81	1.84	0.68	291.62	ppb
Calcium	44-1	25.38	22.78	13.22	20.46	31.28	ppb
Chromium	52-2	0.08	0.09	0.08	0.08	11.27	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.21	0.26	0.24	0.24	10.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.23	2.16	2.08	2.16	3.64	ppb
Iron	57-2	1.61	3.91	1.89	2.47	50.77	ppb
Lead	206-1	0.19	0.20	0.22	0.20	7.60	ppb
Lead	207-1	0.23	0.21	0.22	0.22	4.32	ppb
Lead	208-1	0.21	0.20	0.21	0.21	3.15	ppb
Lithium	6-1						%
Magnesium	24-2	2.25	1.68	2.00	1.98	14.43	ppb
Manganese	55-2	0.02	0.02	0.01	0.02	25.11	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.15	0.13	0.15	12.72	ppb
Molybdenum	95-1	0.31	0.31	0.26	0.29	9.98	ppb
Molybdenum	96-1	0.29	0.26	0.27	0.27	5.22	ppb
Molybdenum	97-1	0.33	0.31	0.28	0.31	8.41	ppb
Molybdenum	98-1	0.30	0.27	0.26	0.28	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-21.89	-15.57	-8.71	-15.39		ppb
Potassium	39-2	31.90	32.73	28.25	30.96	7.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.18	0.47	0.47	0.37	44.54	ppb
Selenium	78-2	0.21	-0.12	0.51	0.20	156.13	ppb
Selenium	82-1	-0.49	-0.47	-0.30	-0.42		ppb
Silicon	28-1	-3.00	-3.19	-3.46	-3.22		ppb
Silver	109-1	0.07	0.09	0.09	0.09	12.70	ppb
Silver	107-1	0.10	0.08	0.08	0.09	9.79	ppb
Sodium	23-2	56.22	57.80	54.48	56.16	2.96	ppb
Strontium	86-1	-0.02	-0.01	-0.08	-0.04		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	63.96	ppb
Sulfur	34-1	-2406.75	-2304.08	-2248.68	-2319.84		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.29	0.26	0.25	0.27	8.62	ppb
Thallium	205-1	0.32	0.28	0.25	0.28	11.38	ppb
Tin	118-1	0.29	0.24	0.23	0.26	12.83	ppb
Titanium	47-1	0.05	0.02	0.03	0.03	44.81	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	21.06	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	53.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.22	0.29	0.26	13.16	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	9.48	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.11	0.09	16.43	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8650.77	8653.60	8632.52	8645.63	0.13	ppb
Antimony	121-1	480.31	478.36	477.09	478.59	0.34	ppb
Arsenic	75-2	511.07	507.39	507.79	508.75	0.40	ppb
Barium	135-1	2424.83	2413.66	2401.55	2413.35	0.48	ppb
Barium	137-1	2403.70	2401.40	2397.79	2400.96	0.12	ppb
Beryllium	9-1	469.33	467.52	470.78	469.21	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	557.85	567.78	579.38	568.33	1.90	ppb
Boron	11-1	584.92	582.29	585.10	584.10	0.27	ppb
Cadmium	111-1	464.19	462.85	463.83	463.62	0.15	ppb
Cadmium	106-1	456.26	449.23	452.60	452.70	0.78	ppb
Cadmium	108-1	460.60	464.58	456.24	460.47	0.91	ppb
Calcium	43-1	102257.20	103930.72	103027.27	103071.73	0.81	ppb
Calcium	44-1	104416.37	103646.14	103538.49	103867.00	0.46	ppb
Chromium	52-2	535.03	535.55	535.91	535.50	0.08	ppb
Cobalt	59-2	540.50	540.42	542.02	540.98	0.17	ppb
Copper	63-2	1081.32	1077.52	1084.59	1081.14	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25806.11	26379.51	26114.27	26099.96	1.10	ppb
Iron	57-2	25387.74	25527.01	25550.31	25488.36	0.34	ppb
Lead	206-1	457.26	463.89	463.72	461.63	0.82	ppb
Lead	207-1	451.96	458.75	458.74	456.48	0.86	ppb
Lead	208-1	466.54	474.51	471.95	471.00	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	53492.53	53200.81	53946.38	53546.57	0.70	ppb
Manganese	55-2	982.95	985.41	987.16	985.17	0.21	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.39	468.96	473.79	472.38	0.63	ppb
Molybdenum	95-1	485.07	486.40	486.39	485.95	0.16	ppb
Molybdenum	96-1	478.83	478.59	482.23	479.88	0.42	ppb
Molybdenum	97-1	489.67	486.65	495.69	490.67	0.94	ppb
Molybdenum	98-1	481.59	497.09	503.29	493.99	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.95	551.88	549.96	550.93	0.17	ppb
Phosphorus	31-2	12.70	13.38	11.15	12.41	9.20	ppb
Potassium	39-2	42057.60	42158.64	41690.58	41968.94	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	448.35	467.32	471.08	462.25	2.64	ppb
Selenium	78-2	476.53	475.89	476.97	476.46	0.11	ppb
Selenium	82-1	474.25	473.64	474.68	474.19	0.11	ppb
Silicon	28-1	1708.94	1741.36	1723.66	1724.65	0.94	ppb
Silver	109-1	498.84	495.23	492.93	495.67	0.60	ppb
Silver	107-1	497.09	488.83	490.96	492.30	0.87	ppb
Sodium	23-2	175738.60	174250.67	174357.07	174782.11	0.47	ppb
Strontium	86-1	4567.04	4569.39	4539.27	4558.57	0.37	ppb
Strontium	88-1	4413.60	4443.83	4452.82	4436.75	0.46	ppb
Sulfur	34-1	11144.82	10986.54	10978.63	11036.66	0.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	469.92	492.58	492.23	484.91	2.68	ppb
Thallium	205-1	485.73	492.34	488.61	488.89	0.68	ppb
Tin	118-1	434.90	438.66	435.27	436.28	0.48	ppb
Titanium	47-1	479.40	480.95	484.65	481.67	0.56	ppb
Uranium	238-1	463.99	465.60	461.20	463.60	0.48	ppb
Vanadium	51-2	518.89	517.37	519.51	518.59	0.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1012.89	1016.09	1016.81	1015.26	0.21	ppb
Zirconium	90-1	458.71	455.72	457.26	457.23	0.33	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	449.75	448.93	452.65	450.44	0.43	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8538.47	8498.21	8556.11	8530.93	0.35	ppb
Antimony	121-1	473.46	473.80	473.05	473.44	0.08	ppb
Arsenic	75-2	506.34	505.92	509.51	507.26	0.39	ppb
Barium	135-1	2408.09	2395.79	2423.96	2409.28	0.59	ppb
Barium	137-1	2417.96	2395.99	2425.61	2413.19	0.64	ppb
Beryllium	9-1	493.34	480.24	487.76	487.11	1.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	604.75	611.55	597.09	604.47	1.20	ppb
Boron	11-1	610.91	608.16	610.91	609.99	0.26	ppb
Cadmium	111-1	460.71	460.05	458.67	459.81	0.23	ppb
Cadmium	106-1	447.09	452.53	454.10	451.24	0.82	ppb
Cadmium	108-1	451.14	454.62	457.21	454.33	0.67	ppb
Calcium	43-1	103553.25	102562.50	102995.24	103037.00	0.48	ppb
Calcium	44-1	104471.78	104298.51	105026.22	104598.84	0.36	ppb
Chromium	52-2	531.41	532.90	536.22	533.51	0.46	ppb
Cobalt	59-2	536.67	539.17	546.11	540.65	0.90	ppb
Copper	63-2	1073.58	1073.06	1090.45	1079.03	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26126.00	25851.15	26449.96	26142.37	1.15	ppb
Iron	57-2	25332.99	25449.28	25767.73	25516.67	0.88	ppb
Lead	206-1	466.85	467.49	470.74	468.36	0.44	ppb
Lead	207-1	460.52	462.66	466.61	463.26	0.67	ppb
Lead	208-1	474.09	477.56	480.10	477.25	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	52750.38	52799.29	53127.43	52892.37	0.39	ppb
Manganese	55-2	980.37	976.06	990.41	982.28	0.75	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	469.69	471.48	471.74	470.97	0.24	ppb
Molybdenum	95-1	482.72	489.01	486.50	486.08	0.65	ppb
Molybdenum	96-1	481.11	489.11	485.21	485.14	0.82	ppb
Molybdenum	97-1	491.30	497.93	495.59	494.94	0.68	ppb
Molybdenum	98-1	499.84	508.09	503.91	503.95	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.02	548.26	555.53	549.94	0.90	ppb
Phosphorus	31-2	12.59	13.55	0.91	9.02	78.04	ppb
Potassium	39-2	41973.93	41354.49	41697.91	41675.45	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	472.92	453.79	476.06	467.59	2.58	ppb
Selenium	78-2	462.13	468.27	469.03	466.48	0.81	ppb
Selenium	82-1	469.42	468.22	470.48	469.38	0.24	ppb
Silicon	28-1	1657.07	1683.29	1653.42	1664.59	0.98	ppb
Silver	109-1	491.43	486.02	494.07	490.51	0.84	ppb
Silver	107-1	489.93	490.62	492.23	490.93	0.24	ppb
Sodium	23-2	174150.13	173274.14	174206.61	173876.96	0.30	ppb
Strontium	86-1	4495.63	4526.84	4470.67	4497.71	0.63	ppb
Strontium	88-1	4392.82	4458.65	4415.75	4422.41	0.76	ppb
Sulfur	34-1	10093.84	9989.15	9839.19	9974.06	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	494.17	503.84	502.23	500.08	1.04	ppb
Thallium	205-1	494.36	495.88	498.07	496.10	0.38	ppb
Tin	118-1	433.42	437.83	437.27	436.17	0.55	ppb
Titanium	47-1	482.89	480.79	476.37	480.02	0.69	ppb
Uranium	238-1	463.94	466.67	465.01	465.21	0.30	ppb
Vanadium	51-2	514.86	514.69	521.15	516.90	0.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.01	1010.13	1020.04	1012.39	0.67	ppb
Zirconium	90-1	456.81	461.09	459.96	459.29	0.48	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	446.81	454.02	454.75	451.86	0.97	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8645.58	8511.40	8607.28	8588.09	0.80	ppb
Antimony	121-1	469.22	470.08	476.36	471.89	0.83	ppb
Arsenic	75-2	507.07	505.47	511.01	507.85	0.56	ppb
Barium	135-1	2370.15	2393.85	2424.63	2396.21	1.14	ppb
Barium	137-1	2360.79	2394.10	2437.07	2397.32	1.60	ppb
Beryllium	9-1	499.46	491.52	489.36	493.44	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	606.57	599.18	623.27	609.67	2.02	ppb
Boron	11-1	627.79	617.73	618.93	621.48	0.88	ppb
Cadmium	111-1	453.07	454.61	462.75	456.81	1.14	ppb
Cadmium	106-1	454.10	447.93	455.47	452.50	0.89	ppb
Cadmium	108-1	454.10	451.17	457.63	454.30	0.71	ppb
Calcium	43-1	102470.19	103154.42	103631.14	103085.25	0.57	ppb
Calcium	44-1	104925.49	103395.21	104316.23	104212.31	0.74	ppb
Chromium	52-2	542.12	536.32	538.92	539.12	0.54	ppb
Cobalt	59-2	547.01	542.27	547.40	545.56	0.52	ppb
Copper	63-2	1098.51	1085.61	1097.40	1093.84	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26458.12	26096.94	26400.26	26318.44	0.74	ppb
Iron	57-2	25647.10	25704.20	25854.33	25735.21	0.42	ppb
Lead	206-1	468.57	468.40	474.28	470.42	0.71	ppb
Lead	207-1	464.03	462.80	463.05	463.30	0.14	ppb
Lead	208-1	479.38	478.70	480.62	479.57	0.20	ppb
Lithium	6-1						%
Magnesium	24-2	54505.91	53308.17	53607.00	53807.02	1.16	ppb
Manganese	55-2	992.68	984.95	996.29	991.31	0.58	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	477.91	470.83	472.34	473.69	0.79	ppb
Molybdenum	95-1	491.37	488.89	484.69	488.32	0.69	ppb
Molybdenum	96-1	489.35	481.70	484.93	485.33	0.79	ppb
Molybdenum	97-1	500.83	491.32	491.59	494.58	1.10	ppb
Molybdenum	98-1	511.17	505.47	499.86	505.50	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.95	552.52	556.10	552.53	0.65	ppb
Phosphorus	31-2	7.56	13.80	6.65	9.33	41.69	ppb
Potassium	39-2	42274.32	41639.48	42416.00	42109.94	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	482.62	479.65	482.71	481.66	0.36	ppb
Selenium	78-2	463.28	467.87	459.79	463.65	0.87	ppb
Selenium	82-1	474.47	468.23	463.57	468.75	1.17	ppb
Silicon	28-1	1635.73	1653.27	1666.10	1651.70	0.92	ppb
Silver	109-1	481.86	486.74	494.98	487.86	1.36	ppb
Silver	107-1	484.13	483.86	486.99	484.99	0.36	ppb
Sodium	23-2	176461.38	174120.06	175963.35	175514.93	0.70	ppb
Strontium	86-1	4593.79	4507.63	4497.05	4532.82	1.17	ppb
Strontium	88-1	4472.63	4457.10	4384.32	4438.01	1.06	ppb
Sulfur	34-1	9753.78	10008.68	10011.57	9924.68	1.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.30	506.71	500.99	505.33	0.76	ppb
Thallium	205-1	500.76	498.47	498.27	499.16	0.28	ppb
Tin	118-1	430.19	434.28	439.71	434.73	1.10	ppb
Titanium	47-1	479.83	478.45	482.57	480.29	0.44	ppb
Uranium	238-1	465.92	469.81	470.76	468.83	0.55	ppb
Vanadium	51-2	524.37	525.60	522.28	524.08	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1025.09	1023.91	1023.91	1024.30	0.07	ppb
Zirconium	90-1	458.40	462.18	451.50	457.36	1.18	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	453.69	446.20	450.13	450.01	0.83	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46944.31	46393.62	45679.69	46339.21	1.37	ppb
Antimony	121-1	476.40	477.45	472.41	475.42	0.56	ppb
Arsenic	75-2	488.49	487.62	492.81	489.64	0.57	ppb
Barium	135-1	2433.40	2424.46	2402.09	2419.98	0.67	ppb
Barium	137-1	2417.01	2416.36	2416.04	2416.47	0.02	ppb
Beryllium	9-1	506.95	515.43	504.66	509.01	1.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	518.62	536.23	530.96	528.60	1.71	ppb
Boron	11-1	540.00	556.16	550.61	548.92	1.50	ppb
Cadmium	111-1	459.90	466.03	463.41	463.11	0.66	ppb
Cadmium	106-1	465.71	467.43	469.25	467.46	0.38	ppb
Cadmium	108-1	468.43	464.62	459.90	464.32	0.92	ppb
Calcium	43-1	233764.22	234657.93	233144.18	233855.44	0.33	ppb
Calcium	44-1	232759.85	234788.50	233275.74	233608.03	0.45	ppb
Chromium	52-2	500.09	493.23	492.76	495.36	0.83	ppb
Cobalt	59-2	490.25	482.31	480.42	484.32	1.08	ppb
Copper	63-2	940.58	923.57	927.14	930.43	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123385.17	121138.28	120459.91	121661.12	1.26	ppb
Iron	57-2	123665.96	122209.67	122235.52	122703.72	0.68	ppb
Lead	206-1	465.00	467.33	471.66	468.00	0.72	ppb
Lead	207-1	458.16	464.63	466.83	463.21	0.97	ppb
Lead	208-1	473.64	479.87	479.18	477.56	0.72	ppb
Lithium	6-1						%
Magnesium	24-2	243314.91	242017.32	240975.66	242102.63	0.48	ppb
Manganese	55-2	975.99	958.08	952.83	962.30	1.26	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.12	480.72	485.40	484.41	0.68	ppb
Molybdenum	95-1	467.11	466.59	474.87	469.52	0.99	ppb
Molybdenum	96-1	468.97	464.87	475.82	469.88	1.18	ppb
Molybdenum	97-1	470.76	468.93	481.16	473.62	1.39	ppb
Molybdenum	98-1	483.41	478.98	481.62	481.34	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.73	473.57	477.40	478.90	1.30	ppb
Phosphorus	31-2	9581.59	9648.15	9568.80	9599.52	0.44	ppb
Potassium	39-2	120831.59	118794.40	119003.01	119543.00	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	468.45	459.21	455.47	461.04	1.45	ppb
Selenium	78-2	476.89	465.42	477.84	473.39	1.46	ppb
Selenium	82-1	463.50	463.58	469.21	465.43	0.70	ppb
Silicon	28-1	474.50	483.13	482.43	480.02	1.00	ppb
Silver	109-1	467.60	473.12	467.94	469.55	0.66	ppb
Silver	107-1	464.67	470.28	467.34	467.43	0.60	ppb
Sodium	23-2	247981.12	245211.04	245853.73	246348.63	0.59	ppb
Strontium	86-1	487.65	486.48	495.28	489.81	0.98	ppb
Strontium	88-1	502.00	491.89	503.46	499.12	1.26	ppb
Sulfur	34-1	8083.86	8196.91	7932.73	8071.17	1.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	490.29	471.53	474.80	478.87	2.09	ppb
Thallium	205-1	487.45	487.05	492.06	488.85	0.57	ppb
Tin	118-1	458.02	464.32	457.29	459.88	0.84	ppb
Titanium	47-1	473.96	477.72	475.42	475.70	0.40	ppb
Uranium	238-1	484.44	487.22	484.04	485.23	0.36	ppb
Vanadium	51-2	499.98	494.39	493.80	496.06	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	953.73	937.90	939.33	943.66	0.93	ppb
Zirconium	90-1	481.77	483.93	489.58	485.09	0.83	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.97	470.29	479.66	475.64	1.01	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	-0.58	-0.77	-0.62		ppb
Antimony	121-1	0.10	0.11	0.10	0.10	5.60	ppb
Arsenic	75-2	0.04	0.02	0.03	0.03	26.52	ppb
Barium	135-1	-0.02	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.06	0.01	0.03	60.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.18	4.97	5.52	5.56	10.87	ppb
Boron	11-1	5.03	4.98	4.67	4.89	4.08	ppb
Cadmium	111-1	-0.05	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-0.71	-0.79	-0.92	-0.80		ppb
Cadmium	108-1	-0.03	0.02	0.03	0.01	499.88	ppb
Calcium	43-1	-4.82	-6.25	-5.17	-5.41		ppb
Calcium	44-1	-18.97	-19.54	-20.95	-19.82		ppb
Chromium	52-2	0.07	0.02	0.07	0.05	55.66	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.08	0.07	12.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.69	0.56	0.60	0.62	10.64	ppb
Iron	57-2	2.22	1.33	1.78	1.78	25.09	ppb
Lead	206-1	0.18	0.23	0.21	0.21	10.32	ppb
Lead	207-1	0.21	0.23	0.22	0.22	5.91	ppb
Lead	208-1	0.19	0.22	0.21	0.21	7.10	ppb
Lithium	6-1						%
Magnesium	24-2	0.60	0.65	0.44	0.56	19.56	ppb
Manganese	55-2	0.02	0.02	0.03	0.02	25.05	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.04	18.59	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	18.64	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.04	17.65	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	17.07	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	17.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-9.35	-19.35	-7.92	-12.21		ppb
Potassium	39-2	17.70	20.47	8.98	15.71	38.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.10	0.21	-0.29	-0.06		ppb
Selenium	82-1	-0.23	-0.33	-0.32	-0.29		ppb
Silicon	28-1	-5.64	-5.68	-5.28	-5.53		ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.83	ppb
Silver	107-1	0.03	0.03	0.02	0.03	33.42	ppb
Sodium	23-2	20.51	17.30	20.18	19.33	9.16	ppb
Strontium	86-1	-0.07	-0.05	-0.06	-0.06		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1177.20	-1322.90	-1328.50	-1276.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.04	0.05	22.95	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	1.78	ppb
Tin	118-1	0.06	0.04	0.05	0.05	14.35	ppb
Titanium	47-1	0.02	0.01	0.04	0.02	88.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	66.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.08	0.08	0.10	36.22	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	10.28	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.04	8.09	ppb

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	225	217	186	32.39	cps
Antimony	121-1	83	100	150	111	31.23	cps
Arsenic	75-2	11	19	4	11	66.70	cps
Barium	135-1	75	100	142	106	31.91	cps
Barium	137-1	108	125	158	131	19.50	cps
Beryllium	9-1	28	44	50	41	28.38	cps
Bismuth	209-1	8622029	8735582	8735410	8697674	0.75	cps
Bismuth	209-2	5301677	5337423	5276158	5305086	0.58	cps
Boron	10-1	492	508	392	464	13.60	cps
Boron	11-1	2325	2292	2242	2286	1.84	cps
Cadmium	111-1	2457	2473	2296	2409	4.06	cps
Cadmium	106-1	3501	3517	3267	3428	4.08	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	650	625	933	736	23.26	cps
Calcium	44-1	143061	139882	140975	141306	1.14	cps
Chromium	52-2	2024	2004	1783	1937	6.88	cps
Cobalt	59-2	133	120	107	120	11.11	cps
Copper	63-2	1177	1147	1053	1126	5.71	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	30	17	20	22	31.22	cps
Gadolinium	160-1	133	117	117	122	7.87	cps
Gadolinium	160-2	113	113	117	114	1.68	cps
Holmium	165-1	12535592	12519991	12613357	12556313	0.40	cps
Holmium	165-2	6639877	6624234	6604111	6622741	0.27	cps
Indium	115-1	10067757	9965936	10161404	10065032	0.97	cps
Indium	115-2	2099593	2098391	2102166	2100050	0.09	cps
Iron	56-2	9618	5229	5223	6690	37.90	cps
Iron	57-2	289	239	194	241	19.63	cps
Lead	206-1	1378	1400	1678	1485	11.26	cps
Lead	207-1	1000	1083	1222	1102	10.19	cps
Lead	208-1	5651	5712	5979	5780	3.02	cps
Lithium	6-1	774795	768718	779951	774488	0.73	cps
Magnesium	24-2	192	150	150	164	14.68	cps
Manganese	55-2	53	43	77	58	29.61	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	300	375	297	26.65	cps
Molybdenum	95-1	33	42	50	42	20.00	cps
Molybdenum	96-1	208	158	92	153	38.31	cps
Molybdenum	97-1	33	67	58	53	32.86	cps
Molybdenum	98-1	125	58	92	92	36.36	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	147	123	148	16.93	cps
Phosphorus	31-2	367	392	383	381	3.34	cps
Potassium	39-2	43757	43874	42813	43481	1.34	cps
Rhodium	103-1	9760579	9724572	9630169	9705107	0.69	cps
Rhodium	103-2	4795583	4807098	4807142	4803274	0.14	cps
Scandium	45-1	5604973	5615251	5679466	5633230	0.72	cps
Scandium	45-2	284852	286849	286109	285937	0.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	96	83	94	91	7.68	cps
Selenium	82-1	110	42	91	81	42.91	cps
Silicon	28-1	322297	324732	324136	323722	0.39	cps
Silver	109-1	125	67	108	100	30.05	cps
Silver	107-1	100	150	133	128	19.92	cps
Sodium	23-2	30432	30582	29864	30293	1.25	cps
Strontium	86-1	1333	1158	1300	1264	7.35	cps
Strontium	88-1	792	692	958	814	16.55	cps
Sulfur	34-1	539571	532119	534651	535447	0.71	cps
Terbium	159-1	12824333	12890390	12962933	12892552	0.54	cps
Terbium	159-2	6672174	6714061	6698924	6695053	0.32	cps
Thallium	203-1	183	225	133	181	25.42	cps
Thallium	205-1	450	392	433	425	7.07	cps
Tin	118-1	1167	1167	1300	1211	6.36	cps
Titanium	47-1	158	142	92	131	26.57	cps
Uranium	238-1	192	158	183	178	9.76	cps
Vanadium	51-2	27	23	23	24	7.89	cps
Yttrium	89-1	9873765	9835436	9900900	9870033	0.33	cps
Yttrium	89-2	1546787	1553589	1545535	1548637	0.28	cps
Zinc	66-2	243	270	267	260	5.59	cps
Zirconium	90-1	575	717	617	636	11.45	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:32:24	DataFile Name :	003CALB_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	133	92	136	33.72	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2434	2425	2459	2.06	cps
Antimony	121-1	25583	25173	25424	25393	0.81	cps
Arsenic	75-2	476	533	561	523	8.30	cps
Barium	135-1	27712	27219	28388	27773	2.11	cps
Barium	137-1	50367	48603	48903	49291	1.92	cps
Beryllium	9-1	1695	1739	1672	1702	1.99	cps
Bismuth	209-1	8560549	8525692	8555012	8547084	0.22	cps
Bismuth	209-2	5277503	5335698	5331092	5314764	0.61	cps
Boron	10-1	5701	5918	5543	5721	3.29	cps
Boron	11-1	29196	29304	29346	29282	0.27	cps
Cadmium	111-1	5598	5419	5931	5649	4.60	cps
Cadmium	106-1	3751	3434	4134	3773	9.29	cps
Cadmium	108-1	242	313	233	263	16.57	cps
Calcium	43-1	15809	16084	16326	16073	1.61	cps
Calcium	44-1	385031	386263	382346	384547	0.52	cps
Chromium	52-2	10494	10651	10481	10542	0.90	cps
Cobalt	59-2	6988	6935	7425	7116	3.78	cps
Copper	63-2	11191	11198	11348	11246	0.79	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	83	83	50	72	26.65	cps
Erbium	164-2	47	10	30	29	63.55	cps
Gadolinium	160-1	100	125	192	139	34.12	cps
Gadolinium	160-2	90	113	127	110	16.87	cps
Holmium	165-1	12407847	12323535	12201158	12310847	0.84	cps
Holmium	165-2	6521604	6557969	6563066	6547546	0.35	cps
Indium	115-1	9923938	9886765	9920965	9910556	0.21	cps
Indium	115-2	2102112	2083287	2111819	2099073	0.69	cps
Iron	56-2	179387	177925	175148	177487	1.21	cps
Iron	57-2	4940	4529	4434	4634	5.80	cps
Lead	206-1	11611	11928	10866	11468	4.75	cps
Lead	207-1	10315	10321	9854	10163	2.64	cps
Lead	208-1	47028	47679	45916	46875	1.90	cps
Lithium	6-1	787521	777437	781756	782238	0.65	cps
Magnesium	24-2	129144	129707	126958	128603	1.13	cps
Manganese	55-2	2417	2327	2290	2345	2.78	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24814	23595	24797	24402	2.86	cps
Molybdenum	95-1	30408	28747	29423	29526	2.83	cps
Molybdenum	96-1	32955	33089	33448	33164	0.77	cps
Molybdenum	97-1	18329	18813	18479	18541	1.34	cps
Molybdenum	98-1	47689	47254	47806	47583	0.61	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2207	2160	2197	2188	1.12	cps
Phosphorus	31-2	467	417	375	419	10.94	cps
Potassium	39-2	171893	171699	172163	171918	0.14	cps
Rhodium	103-1	9558781	9489264	9556858	9534968	0.42	cps
Rhodium	103-2	4773010	4793953	4787173	4784712	0.22	cps
Scandium	45-1	5557267	5548191	5516509	5540656	0.39	cps
Scandium	45-2	283243	285946	288071	285753	0.85	cps
Selenium	77-2	57	47	40	48	17.56	cps
Selenium	78-2	267	244	239	250	5.88	cps
Selenium	82-1	930	1039	1043	1004	6.43	cps
Silicon	28-1	420279	419168	416141	418529	0.51	cps
Silver	109-1	15726	16135	15676	15846	1.59	cps
Silver	107-1	16619	16460	16318	16466	0.91	cps
Sodium	23-2	268681	269012	267733	268475	0.25	cps
Strontium	86-1	4959	4443	4626	4676	5.60	cps
Strontium	88-1	32438	33340	31820	32532	2.35	cps
Sulfur	34-1	550474	539322	536547	542114	1.36	cps
Terbium	159-1	12705829	12598326	12605021	12636392	0.48	cps
Terbium	159-2	6656378	6563497	6608017	6609297	0.70	cps
Thallium	203-1	12898	11856	12740	12498	4.50	cps
Thallium	205-1	30026	29726	29041	29598	1.71	cps
Tin	118-1	48184	50550	49488	49407	2.40	cps
Titanium	47-1	7761	8044	7927	7911	1.80	cps
Uranium	238-1	41584	41425	42170	41726	0.94	cps
Vanadium	51-2	15068	15188	15435	15230	1.23	cps
Yttrium	89-1	9710337	9743604	9780324	9744755	0.36	cps
Yttrium	89-2	1549250	1542172	1554394	1548605	0.40	cps
Zinc	66-2	1803	1730	1880	1805	4.16	cps
Zirconium	90-1	19923	19664	19864	19817	0.68	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:40:23	DataFile Name :	005CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4651	4584	4401	4545	2.85	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:44:09	DataFile Name :	006CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127776	126153	125077	126335	1.08	cps
Antimony	121-1	712468	700119	710961	707849	0.95	cps
Arsenic	75-2	27391	27086	27333	27270	0.59	cps
Barium	135-1	799026	789696	799824	796182	0.71	cps
Barium	137-1	1389400	1387142	1390986	1389176	0.14	cps
Beryllium	9-1	91424	90290	92167	91294	1.04	cps
Bismuth	209-1	8643258	8726678	8469923	8613286	1.52	cps
Bismuth	209-2	5276025	5281469	5335882	5297792	0.62	cps
Boron	10-1	12297	11922	12389	12203	2.03	cps
Boron	11-1	61351	62062	62037	61817	0.65	cps
Cadmium	111-1	181874	181297	180282	181151	0.45	cps
Cadmium	106-1	22527	22385	22143	22352	0.87	cps
Cadmium	108-1	13081	12877	12760	12906	1.26	cps
Calcium	43-1	172165	168078	171770	170671	1.32	cps
Calcium	44-1	2893172	2912465	2908884	2904841	0.35	cps
Chromium	52-2	222391	219765	217125	219760	1.20	cps
Cobalt	59-2	370470	371374	366438	369427	0.71	cps
Copper	63-2	565528	567065	555394	562662	1.13	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	17	27	10	18	47.19	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	30	17	37	28	36.66	cps
Gadolinium	160-1	108	158	83	117	32.73	cps
Gadolinium	160-2	117	110	130	119	8.57	cps
Holmium	165-1	12635138	12307244	12468131	12470171	1.31	cps
Holmium	165-2	6539850	6523118	6596598	6553189	0.59	cps
Indium	115-1	9833732	9893043	9859114	9861963	0.30	cps
Indium	115-2	2098883	2076611	2073314	2082936	0.67	cps
Iron	56-2	9479752	9442426	9302075	9408084	1.00	cps
Iron	57-2	235589	234765	231408	233921	0.95	cps
Lead	206-1	548346	544309	547132	546596	0.38	cps
Lead	207-1	502682	506946	499781	503136	0.72	cps
Lead	208-1	2256379	2248280	2234441	2246366	0.49	cps
Lithium	6-1	780518	779326	788686	782843	0.65	cps
Magnesium	24-2	1444184	1449691	1435020	1442965	0.51	cps
Manganese	55-2	244139	243284	243336	243586	0.20	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:44:09	DataFile Name :	006CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	604972	604169	605081	604741	0.08	cps
Molybdenum	95-1	334556	334318	332496	333790	0.34	cps
Molybdenum	96-1	425686	420854	425860	424133	0.67	cps
Molybdenum	97-1	204261	206999	205613	205624	0.67	cps
Molybdenum	98-1	539698	534101	537575	537125	0.53	cps
Neodymium	150-1	40	33	80	51	49.39	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	101800	102367	101340	101836	0.51	cps
Phosphorus	31-2	8186	8378	8119	8228	1.63	cps
Potassium	39-2	773808	768760	772496	771688	0.34	cps
Rhodium	103-1	9423698	9517596	9389305	9443533	0.70	cps
Rhodium	103-2	4752469	4716435	4752261	4740389	0.44	cps
Scandium	45-1	5558192	5555621	5469439	5527751	0.91	cps
Scandium	45-2	284715	283701	282505	283640	0.39	cps
Selenium	77-2	580	500	530	537	7.53	cps
Selenium	78-2	1926	1971	1895	1930	1.98	cps
Selenium	82-1	10352	10141	10461	10318	1.58	cps
Silicon	28-1	730406	731804	731639	731283	0.10	cps
Silver	109-1	843818	844534	845903	844752	0.13	cps
Silver	107-1	886173	886059	883302	885178	0.18	cps
Sodium	23-2	2698755	2708498	2684407	2697220	0.45	cps
Strontium	86-1	202795	202745	203327	202956	0.16	cps
Strontium	88-1	1750430	1761830	1747127	1753129	0.44	cps
Sulfur	34-1	581928	579974	579911	580604	0.20	cps
Terbium	159-1	12827538	12678735	12682759	12729677	0.67	cps
Terbium	159-2	6659846	6682660	6668292	6670266	0.17	cps
Thallium	203-1	672924	670289	668499	670571	0.33	cps
Thallium	205-1	1614666	1614478	1602156	1610433	0.45	cps
Tin	118-1	547748	544307	547659	546571	0.36	cps
Titanium	47-1	89294	88414	88524	88744	0.54	cps
Uranium	238-1	2369809	2357996	2353687	2360497	0.35	cps
Vanadium	51-2	172080	172259	170953	171764	0.41	cps
Yttrium	89-1	9648341	9775329	9767134	9730268	0.73	cps
Yttrium	89-2	1538479	1538633	1545375	1540829	0.26	cps
Zinc	66-2	81218	81938	80922	81359	0.64	cps
Zirconium	90-1	1136846	1138095	1138798	1137913	0.09	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:44:09	DataFile Name :	006CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	252828	252262	253755	252948	0.30	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315187	316439	315723	315783	0.20	cps
Antimony	121-1	1808313	1838887	1828733	1825311	0.85	cps
Arsenic	75-2	68856	68240	68367	68488	0.47	cps
Barium	135-1	2014273	2020771	2004639	2013228	0.40	cps
Barium	137-1	3524642	3529657	3535340	3529880	0.15	cps
Beryllium	9-1	228969	225992	226622	227194	0.69	cps
Bismuth	209-1	8583149	8647028	8612066	8614081	0.37	cps
Bismuth	209-2	5313547	5289723	5309464	5304245	0.24	cps
Boron	10-1	29003	30624	29697	29775	2.73	cps
Boron	11-1	150256	151938	151241	151145	0.56	cps
Cadmium	111-1	453356	454336	457540	455077	0.48	cps
Cadmium	106-1	52691	51311	52799	52267	1.59	cps
Cadmium	108-1	32392	32270	31982	32215	0.65	cps
Calcium	43-1	431038	430356	432191	431195	0.22	cps
Calcium	44-1	6975748	7032444	7023297	7010496	0.43	cps
Chromium	52-2	546271	546495	547160	546642	0.08	cps
Cobalt	59-2	918605	914249	913471	915442	0.30	cps
Copper	63-2	1411696	1404475	1406042	1407405	0.27	cps
Dysprosium	156-1	25	25	75	42	69.28	cps
Dysprosium	156-2	40	27	20	29	35.25	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	167	117	133	139	18.33	cps
Gadolinium	160-2	120	130	80	110	24.05	cps
Holmium	165-1	12679655	12587471	12631464	12632863	0.36	cps
Holmium	165-2	6669145	6628827	6614558	6637510	0.43	cps
Indium	115-1	9941674	9930421	9913579	9928558	0.14	cps
Indium	115-2	2069601	2078664	2090030	2079431	0.49	cps
Iron	56-2	23820239	23475904	23798987	23698376	0.81	cps
Iron	57-2	590444	585151	588030	587875	0.45	cps
Lead	206-1	1389688	1400383	1398845	1396305	0.41	cps
Lead	207-1	1265585	1276002	1278351	1273313	0.53	cps
Lead	208-1	5691973	5718275	5726737	5712328	0.32	cps
Lithium	6-1	798607	789731	796209	794849	0.58	cps
Magnesium	24-2	3618075	3595888	3623551	3612505	0.41	cps
Manganese	55-2	608638	607951	609327	608638	0.11	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1560604	1552990	1560032	1557875	0.27	cps
Molybdenum	95-1	843488	842211	841820	842506	0.10	cps
Molybdenum	96-1	1068542	1081181	1084112	1077945	0.77	cps
Molybdenum	97-1	521069	524237	527681	524329	0.63	cps
Molybdenum	98-1	1344082	1356631	1353158	1351290	0.48	cps
Neodymium	150-1	107	60	113	93	31.14	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	256639	253503	254549	254897	0.63	cps
Phosphorus	31-2	19146	20348	20097	19864	3.19	cps
Potassium	39-2	1859338	1855865	1868942	1861382	0.36	cps
Rhodium	103-1	9411105	9478064	9465458	9451542	0.38	cps
Rhodium	103-2	4732613	4721163	4735854	4729877	0.16	cps
Scandium	45-1	5603465	5593677	5630625	5609256	0.34	cps
Scandium	45-2	287585	285791	286742	286706	0.31	cps
Selenium	77-2	1373	1263	1443	1360	6.67	cps
Selenium	78-2	4632	4512	4436	4527	2.19	cps
Selenium	82-1	26051	26282	26213	26182	0.45	cps
Silicon	28-1	1352299	1374263	1383250	1369937	1.16	cps
Silver	109-1	2130314	2139260	2137896	2135823	0.23	cps
Silver	107-1	2212981	2222367	2222298	2219216	0.24	cps
Sodium	23-2	6709627	6535451	6661067	6635382	1.35	cps
Strontium	86-1	509058	506575	510151	508595	0.36	cps
Strontium	88-1	4424735	4428377	4441449	4431520	0.20	cps
Sulfur	34-1	655460	661813	656739	658004	0.51	cps
Terbium	159-1	12951126	12920041	12792017	12887728	0.65	cps
Terbium	159-2	6660336	6614088	6637352	6637259	0.35	cps
Thallium	203-1	1705399	1715675	1723026	1714700	0.52	cps
Thallium	205-1	4112490	4143877	4153043	4136470	0.51	cps
Tin	118-1	1385383	1389651	1385974	1387002	0.17	cps
Titanium	47-1	220305	223198	222140	221881	0.66	cps
Uranium	238-1	6058501	6058198	6075153	6063951	0.16	cps
Vanadium	51-2	433518	430383	435460	433120	0.59	cps
Yttrium	89-1	9778460	9917926	9849539	9848642	0.71	cps
Yttrium	89-2	1547846	1539930	1543070	1543615	0.26	cps
Zinc	66-2	202483	202753	202216	202484	0.13	cps
Zirconium	90-1	2896499	2920273	2921667	2912813	0.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:48:08	DataFile Name :	007CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	648965	646448	651203	648872	0.37	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	627657	627253	621009	625306	0.60	cps
Antimony	121-1	3625144	3621944	3632680	3626589	0.15	cps
Arsenic	75-2	136264	135832	137055	136384	0.45	cps
Barium	135-1	4027173	3998727	4023316	4016405	0.38	cps
Barium	137-1	7103619	7005643	7009623	7039628	0.79	cps
Beryllium	9-1	453892	449213	451219	451441	0.52	cps
Bismuth	209-1	8593631	8692911	8644077	8643539	0.57	cps
Bismuth	209-2	5268589	5322564	5338232	5309795	0.69	cps
Boron	10-1	57770	60078	59166	59005	1.97	cps
Boron	11-1	292852	297167	298185	296068	0.96	cps
Cadmium	111-1	899963	897304	903919	900395	0.37	cps
Cadmium	106-1	97736	100605	98928	99090	1.45	cps
Cadmium	108-1	65111	64952	64019	64694	0.91	cps
Calcium	43-1	860784	853362	847812	853986	0.76	cps
Calcium	44-1	13566315	13759362	13624263	13649980	0.73	cps
Chromium	52-2	1085355	1082157	1082735	1083416	0.16	cps
Cobalt	59-2	1816149	1812699	1812894	1813914	0.11	cps
Copper	63-2	2769366	2760492	2756449	2762102	0.24	cps
Dysprosium	156-1	25	117	108	83	60.83	cps
Dysprosium	156-2	40	33	33	36	10.83	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	133	175	117	142	21.21	cps
Gadolinium	160-2	113	130	153	132	15.20	cps
Holmium	165-1	12550940	12612840	12622101	12595294	0.31	cps
Holmium	165-2	6631328	6700037	6605981	6645782	0.73	cps
Indium	115-1	9938266	9823724	9886238	9882743	0.58	cps
Indium	115-2	2070476	2075825	2081087	2075796	0.26	cps
Iron	56-2	46822401	46944402	47433808	47066870	0.69	cps
Iron	57-2	1160495	1161805	1165737	1162679	0.23	cps
Lead	206-1	2754267	2777220	2765205	2765564	0.42	cps
Lead	207-1	2533306	2531931	2541042	2535426	0.19	cps
Lead	208-1	11307364	11390050	11371665	11356360	0.38	cps
Lithium	6-1	783518	779643	776164	779775	0.47	cps
Magnesium	24-2	7108478	7181886	7065585	7118650	0.83	cps
Manganese	55-2	1205307	1210118	1217048	1210824	0.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3071074	3096834	3087932	3085280	0.42	cps
Molybdenum	95-1	1680629	1679497	1681185	1680437	0.05	cps
Molybdenum	96-1	2149348	2144504	2128591	2140815	0.51	cps
Molybdenum	97-1	1040556	1043899	1043972	1042809	0.19	cps
Molybdenum	98-1	2685668	2726905	2704331	2705635	0.76	cps
Neodymium	150-1	220	280	147	216	30.98	cps
Neodymium	150-2	7	17	30	18	65.83	cps
Nickel	60-2	503816	500062	499390	501089	0.48	cps
Phosphorus	31-2	38049	38718	39554	38774	1.94	cps
Potassium	39-2	3660063	3643552	3665070	3656228	0.31	cps
Rhodium	103-1	9483736	9433783	9438757	9452092	0.29	cps
Rhodium	103-2	4698576	4720116	4730734	4716475	0.35	cps
Scandium	45-1	5611803	5614046	5537640	5587830	0.78	cps
Scandium	45-2	286741	286640	285865	286415	0.17	cps
Selenium	77-2	2834	2527	2750	2704	5.87	cps
Selenium	78-2	9212	9203	9177	9197	0.20	cps
Selenium	82-1	51879	51941	52667	52162	0.84	cps
Silicon	28-1	2430517	2476658	2465585	2457587	0.98	cps
Silver	109-1	4246825	4220897	4245358	4237693	0.34	cps
Silver	107-1	4407726	4397613	4408075	4404471	0.13	cps
Sodium	23-2	13243259	13087592	13057864	13129572	0.76	cps
Strontium	86-1	1010895	1004903	1011667	1009155	0.37	cps
Strontium	88-1	8849477	8804835	8807424	8820579	0.28	cps
Sulfur	34-1	788786	777343	775595	780575	0.92	cps
Terbium	159-1	13004296	13081878	12977046	13021073	0.42	cps
Terbium	159-2	6739503	6766259	6736532	6747431	0.24	cps
Thallium	203-1	3386466	3416429	3410145	3404347	0.46	cps
Thallium	205-1	8019555	8076548	8011435	8035846	0.44	cps
Tin	118-1	2729578	2746830	2748781	2741730	0.39	cps
Titanium	47-1	437813	439657	439926	439132	0.26	cps
Uranium	238-1	11902260	12087619	12001076	11996985	0.77	cps
Vanadium	51-2	855500	860445	857024	857656	0.30	cps
Yttrium	89-1	9891830	9847705	9896044	9878526	0.27	cps
Yttrium	89-2	1542743	1553767	1551278	1549263	0.37	cps
Zinc	66-2	398715	397883	396495	397698	0.28	cps
Zirconium	90-1	5703115	5837310	5756115	5765513	1.17	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:51:47	DataFile Name :	008CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1280832	1284910	1286007	1283916	0.21	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270089	1269854	1271554	1270499	0.07	cps
Antimony	121-1	7273063	7360186	7332256	7321835	0.61	cps
Arsenic	75-2	275473	276807	279721	277334	0.78	cps
Barium	135-1	7933699	8101939	7995029	8010222	1.06	cps
Barium	137-1	14022274	13976740	14006558	14001857	0.17	cps
Beryllium	9-1	875946	870799	863872	870206	0.70	cps
Bismuth	209-1	8510450	8518147	8489984	8506193	0.17	cps
Bismuth	209-2	5276917	5274263	5306085	5285755	0.33	cps
Boron	10-1	115773	117024	116404	116400	0.54	cps
Boron	11-1	578946	578731	588324	582001	0.94	cps
Cadmium	111-1	1759420	1772455	1773635	1768503	0.45	cps
Cadmium	106-1	190970	190339	194372	191894	1.13	cps
Cadmium	108-1	126087	128005	126563	126885	0.79	cps
Calcium	43-1	1690695	1691638	1695262	1692532	0.14	cps
Calcium	44-1	27119596	27229064	27107592	27152084	0.25	cps
Chromium	52-2	2185283	2193501	2204960	2194581	0.45	cps
Cobalt	59-2	3630456	3675633	3654630	3653573	0.62	cps
Copper	63-2	5465004	5535881	5494827	5498571	0.65	cps
Dysprosium	156-1	167	142	108	139	21.07	cps
Dysprosium	156-2	60	80	47	62	26.96	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	30	40	33	34	14.78	cps
Gadolinium	160-1	208	158	300	222	32.33	cps
Gadolinium	160-2	187	117	177	160	23.66	cps
Holmium	165-1	12451373	12698870	12605901	12585381	0.99	cps
Holmium	165-2	6696752	6682073	6771400	6716741	0.71	cps
Indium	115-1	9759371	9867037	9860787	9829065	0.61	cps
Indium	115-2	2066599	2087278	2097612	2083830	0.76	cps
Iron	56-2	95791747	95043199	95952280	95595742	0.51	cps
Iron	57-2	2344835	2357302	2357658	2353265	0.31	cps
Lead	206-1	5472218	5497393	5477046	5482219	0.24	cps
Lead	207-1	4999832	5028426	4995086	5007781	0.36	cps
Lead	208-1	22330236	22551857	22326671	22402921	0.58	cps
Lithium	6-1	758265	757139	756495	757300	0.12	cps
Magnesium	24-2	14467431	14388944	14393234	14416536	0.31	cps
Manganese	55-2	2450429	2447862	2470590	2456293	0.51	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6280020	6214000	6263625	6252548	0.55	cps
Molybdenum	95-1	3343464	3357166	3365882	3355504	0.34	cps
Molybdenum	96-1	4261918	4324527	4303841	4296762	0.74	cps
Molybdenum	97-1	2059051	2099397	2081950	2080132	0.97	cps
Molybdenum	98-1	5383230	5461035	5406622	5416962	0.74	cps
Neodymium	150-1	380	360	413	384	7.01	cps
Neodymium	150-2	40	43	47	43	7.70	cps
Nickel	60-2	993700	1006271	1004264	1001411	0.67	cps
Phosphorus	31-2	78499	77928	77978	78135	0.40	cps
Potassium	39-2	7483370	7388691	7488096	7453386	0.75	cps
Rhodium	103-1	9267338	9281080	9363963	9304127	0.56	cps
Rhodium	103-2	4694584	4689460	4730994	4705013	0.48	cps
Scandium	45-1	5571655	5625660	5577789	5591701	0.53	cps
Scandium	45-2	293784	295529	297380	295565	0.61	cps
Selenium	77-2	5221	5488	5745	5484	4.77	cps
Selenium	78-2	17919	18464	18542	18308	1.85	cps
Selenium	82-1	103248	103903	104032	103728	0.41	cps
Silicon	28-1	4197332	4238237	4310680	4248750	1.35	cps
Silver	109-1	8386779	8444016	8463518	8431437	0.47	cps
Silver	107-1	8816156	8784057	8901218	8833811	0.69	cps
Sodium	23-2	26285694	26347088	26375305	26336029	0.17	cps
Strontium	86-1	1995211	1997717	2018456	2003795	0.64	cps
Strontium	88-1	17429363	17471582	17507297	17469414	0.22	cps
Sulfur	34-1	1018610	1016763	1019047	1018140	0.12	cps
Terbium	159-1	12914811	12878664	12873119	12888865	0.18	cps
Terbium	159-2	6769651	6739631	6737506	6748929	0.27	cps
Thallium	203-1	6677410	6782264	6725668	6728447	0.78	cps
Thallium	205-1	15871456	16080312	15988474	15980081	0.66	cps
Tin	118-1	5434025	5517007	5476203	5475745	0.76	cps
Titanium	47-1	864603	873350	879947	872633	0.88	cps
Uranium	238-1	24123199	24093970	23826041	24014403	0.68	cps
Vanadium	51-2	1753230	1746061	1763563	1754285	0.50	cps
Yttrium	89-1	9858417	9748550	9871665	9826211	0.69	cps
Yttrium	89-2	1564743	1581933	1591606	1579427	0.86	cps
Zinc	66-2	791609	801850	805366	799608	0.89	cps
Zirconium	90-1	11443418	11580190	11662605	11562071	0.96	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:55:21	DataFile Name :	009CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2546749	2553442	2568033	2556075	0.43	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2579863	2616314	2588321	2594833	0.74	cps
Antimony	121-1	15256244	15221936	15344727	15274302	0.41	cps
Arsenic	75-2	569409	575195	570828	571811	0.53	cps
Barium	135-1	16512294	16622470	16641115	16591960	0.42	cps
Barium	137-1	28643819	28951345	29131815	28908993	0.85	cps
Beryllium	9-1	1726462	1728672	1694183	1716439	1.12	cps
Bismuth	209-1	8632803	8661916	8640284	8645001	0.17	cps
Bismuth	209-2	5253714	5314034	5325616	5297788	0.73	cps
Boron	10-1	227224	230977	227854	228685	0.88	cps
Boron	11-1	1157507	1172166	1164787	1164820	0.63	cps
Cadmium	111-1	3577209	3596051	3568967	3580742	0.39	cps
Cadmium	106-1	382638	387237	384251	384709	0.61	cps
Cadmium	108-1	257941	262400	257873	259405	1.00	cps
Calcium	43-1	3480848	3506756	3461347	3482984	0.65	cps
Calcium	44-1	56189328	56521905	55518274	56076503	0.91	cps
Chromium	52-2	4454887	4502065	4472236	4476396	0.53	cps
Cobalt	59-2	7326741	7394706	7302093	7341180	0.65	cps
Copper	63-2	11080083	11180748	11048795	11103209	0.62	cps
Dysprosium	156-1	233	200	217	217	7.69	cps
Dysprosium	156-2	140	143	97	127	20.55	cps
Erbium	164-1	92	50	117	86	39.11	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	183	200	208	197	6.45	cps
Gadolinium	160-2	187	153	150	163	12.41	cps
Holmium	165-1	13090552	13057105	13052896	13066851	0.16	cps
Holmium	165-2	6829438	6824637	6847418	6833831	0.18	cps
Indium	115-1	9918531	9957147	9979390	9951689	0.31	cps
Indium	115-2	2086560	2100109	2089497	2092055	0.34	cps
Iron	56-2	193637193	194733654	192096121	193488990	0.68	cps
Iron	57-2	4757549	4841185	4760931	4786555	0.99	cps
Lead	206-1	11378510	11414238	11246325	11346358	0.78	cps
Lead	207-1	10532438	10497564	10390233	10473412	0.71	cps
Lead	208-1	46059798	46021718	46080764	46054093	0.06	cps
Lithium	6-1	751567	747868	754533	751323	0.44	cps
Magnesium	24-2	29159195	29131625	29207050	29165957	0.13	cps
Manganese	55-2	4993585	5027393	5003374	5008117	0.35	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13016089	12938004	12778415	12910836	0.94	cps
Molybdenum	95-1	7025109	7015146	6901298	6980518	0.99	cps
Molybdenum	96-1	8944594	8849276	8851636	8881835	0.61	cps
Molybdenum	97-1	4293965	4315990	4282053	4297336	0.40	cps
Molybdenum	98-1	11461396	11528517	11302342	11430752	1.02	cps
Neodymium	150-1	880	793	760	811	7.64	cps
Neodymium	150-2	77	60	77	71	13.53	cps
Nickel	60-2	2002474	2036859	2011491	2016941	0.88	cps
Phosphorus	31-2	158222	162610	159013	159948	1.46	cps
Potassium	39-2	15179394	15216350	15172155	15189300	0.16	cps
Rhodium	103-1	9446721	9540555	9485011	9490762	0.50	cps
Rhodium	103-2	4710781	4779301	4754031	4748038	0.73	cps
Scandium	45-1	5786840	5853850	5766431	5802373	0.79	cps
Scandium	45-2	305401	306545	309334	307093	0.66	cps
Selenium	77-2	11395	11134	11194	11241	1.21	cps
Selenium	78-2	36784	37883	37885	37517	1.69	cps
Selenium	82-1	211471	213263	210240	211658	0.72	cps
Silicon	28-1	7854759	7976514	7978618	7936630	0.89	cps
Silver	109-1	17082193	17368580	16985130	17145301	1.16	cps
Silver	107-1	18086058	18003323	17935589	18008324	0.42	cps
Sodium	23-2	54013389	53600449	53360518	53658119	0.62	cps
Strontium	86-1	4101362	4160326	4124832	4128840	0.72	cps
Strontium	88-1	35863314	36448171	35943007	36084831	0.88	cps
Sulfur	34-1	1552476	1554814	1559154	1555481	0.22	cps
Terbium	159-1	13307928	13365088	13354090	13342369	0.23	cps
Terbium	159-2	6841659	6882688	6958203	6894183	0.86	cps
Thallium	203-1	13885576	13827163	13793798	13835512	0.34	cps
Thallium	205-1	32848279	32507878	32589493	32648550	0.54	cps
Tin	118-1	11555543	11520785	11464619	11513649	0.40	cps
Titanium	47-1	1798310	1814079	1786923	1799771	0.76	cps
Uranium	238-1	48929776	48481015	48622825	48677872	0.47	cps
Vanadium	51-2	3585842	3613434	3623741	3607672	0.54	cps
Yttrium	89-1	10174380	10207900	10134685	10172322	0.36	cps
Yttrium	89-2	1612072	1635430	1627328	1624943	0.73	cps
Zinc	66-2	1604480	1621255	1603484	1609740	0.62	cps
Zirconium	90-1	23951529	23725184	23794332	23823682	0.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 10:58:52	DataFile Name :	010CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5271747	5300355	5283778	5285294	0.27	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14653350	14620836	14778094	14684093	0.57	cps
Antimony	121-1	30209	30066	29048	29774	2.13	cps
Arsenic	75-2	311	289	333	311	7.14	cps
Barium	135-1	4851	5101	4809	4921	3.21	cps
Barium	137-1	8878	8728	8695	8767	1.11	cps
Beryllium	9-1	189	222	178	196	11.78	cps
Bismuth	209-1	7587993	7609401	7598158	7598517	0.14	cps
Bismuth	209-2	4781933	4773863	4806085	4787293	0.35	cps
Boron	10-1	2309	2184	2184	2225	3.24	cps
Boron	11-1	12989	11872	10946	11936	8.57	cps
Cadmium	111-1	3198	3134	2684	3005	9.32	cps
Cadmium	106-1	4092	3959	3342	3798	10.54	cps
Cadmium	108-1	42	29	38	36	17.62	cps
Calcium	43-1	18122269	18313505	18413055	18282943	0.81	cps
Calcium	44-1	291749215	290071798	292837523	291552845	0.48	cps
Chromium	52-2	48038	47396	47329	47588	0.82	cps
Cobalt	59-2	8756	8699	8533	8663	1.34	cps
Copper	63-2	14804	14537	14100	14481	2.45	cps
Dysprosium	156-1	158	192	117	156	24.16	cps
Dysprosium	156-2	57	67	63	62	8.18	cps
Erbium	164-1	108	133	100	114	15.23	cps
Erbium	164-2	87	73	67	76	13.48	cps
Gadolinium	160-1	250	217	233	233	7.14	cps
Gadolinium	160-2	230	167	183	193	16.98	cps
Holmium	165-1	12510633	12412682	12391601	12438305	0.51	cps
Holmium	165-2	6783064	6798624	6846841	6809510	0.49	cps
Indium	115-1	9750471	9612795	9614810	9659359	0.82	cps
Indium	115-2	2173624	2154704	2191715	2173347	0.85	cps
Iron	56-2	1009195889	1008201978	1017551089	1011649652	0.51	cps
Iron	57-2	25015453	25059516	25410578	25161849	0.86	cps
Lead	206-1	12223	11961	12579	12254	2.53	cps
Lead	207-1	10516	10488	11094	10699	3.20	cps
Lead	208-1	48135	49154	49921	49070	1.83	cps
Lithium	6-1	708279	709118	714461	710619	0.47	cps
Magnesium	24-2	159431062	158422395	159299666	159051041	0.34	cps
Manganese	55-2	17658	18021	17864	17848	1.02	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CAL5_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9612	9012	10004	9543	5.24	cps
Molybdenum	95-1	13699	13749	13073	13507	2.79	cps
Molybdenum	96-1	18913	19022	18796	18911	0.60	cps
Molybdenum	97-1	8328	8244	8395	8322	0.90	cps
Molybdenum	98-1	21242	20841	20173	20752	2.60	cps
Neodymium	150-1	127	153	207	162	25.11	cps
Neodymium	150-2	77	53	90	73	25.31	cps
Nickel	60-2	9667	9580	9463	9570	1.07	cps
Phosphorus	31-2	517	542	583	547	6.15	cps
Potassium	39-2	85239506	85186096	85893444	85439682	0.46	cps
Rhodium	103-1	8923889	8870439	8816196	8870174	0.61	cps
Rhodium	103-2	4545424	4517700	4583199	4548774	0.72	cps
Scandium	45-1	5828726	5818727	5956086	5867846	1.31	cps
Scandium	45-2	325325	328409	332630	328788	1.12	cps
Selenium	77-2	13	0	17	10	88.20	cps
Selenium	78-2	100	148	154	134	22.05	cps
Selenium	82-1	27	110	81	72	58.18	cps
Silicon	28-1	442180	443607	442407	442731	0.17	cps
Silver	109-1	1517	1442	1550	1503	3.69	cps
Silver	107-1	1725	1859	1550	1711	9.04	cps
Sodium	23-2	285580473	283562556	285313490	284818840	0.38	cps
Strontium	86-1	143948	144082	142045	143358	0.79	cps
Strontium	88-1	1223642	1226992	1229027	1226554	0.22	cps
Sulfur	34-1	510236	515248	519118	514867	0.86	cps
Terbium	159-1	12764174	12714860	12710936	12729990	0.23	cps
Terbium	159-2	6810579	6851596	6920573	6860916	0.81	cps
Thallium	203-1	5677	5501	4643	5274	10.49	cps
Thallium	205-1	13307	12431	12139	12626	4.81	cps
Tin	118-1	6610	6685	5885	6393	6.91	cps
Titanium	47-1	1467	1608	1650	1575	6.10	cps
Uranium	238-1	4009	3776	4151	3979	4.76	cps
Vanadium	51-2	613	537	557	569	6.99	cps
Yttrium	89-1	9977640	10016457	10043148	10012415	0.33	cps
Yttrium	89-2	1704575	1703649	1731714	1713313	0.93	cps
Zinc	66-2	3674	3294	3410	3459	5.63	cps
Zirconium	90-1	4976	4426	4843	4748	6.04	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:02:20	DataFile Name :	011CALS_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025	1025	858	970	9.93	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73054	72987	73548	73196	0.42	cps
Antimony	121-1	2906853	2890618	2914285	2903918	0.42	cps
Arsenic	75-2	120411	119373	119990	119925	0.44	cps
Barium	135-1	327613	327228	329118	327986	0.30	cps
Barium	137-1	571906	572214	570365	571495	0.17	cps
Beryllium	9-1	163527	166750	166312	165530	1.06	cps
Bismuth	209-1	8858299	8882788	8799487	8846858	0.48	cps
Bismuth	209-2	5607555	5614646	5665982	5629394	0.57	cps
Boron	10-1	123224	124593	120981	122932	1.48	cps
Boron	11-1	620417	619052	619248	619573	0.12	cps
Cadmium	111-1	374690	380680	380660	378677	0.91	cps
Cadmium	106-1	68023	69011	69756	68930	1.26	cps
Cadmium	108-1	36368	37370	36694	36811	1.39	cps
Calcium	43-1	85454	86386	84675	85505	1.00	cps
Calcium	44-1	1498676	1501650	1487465	1495930	0.50	cps
Chromium	52-2	468794	467242	466815	467617	0.22	cps
Cobalt	59-2	791075	792948	787351	790458	0.36	cps
Copper	63-2	598976	601625	598516	599706	0.28	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	175	133	125	43.72	cps
Erbium	164-2	73	77	40	63	32.02	cps
Gadolinium	160-1	133	108	158	133	18.75	cps
Gadolinium	160-2	157	127	157	147	11.81	cps
Holmium	165-1	13171655	13201075	13313908	13228879	0.57	cps
Holmium	165-2	7150691	7045136	7180374	7125400	1.00	cps
Indium	115-1	10553517	10645668	10750536	10649907	0.93	cps
Indium	115-2	2357402	2346886	2359557	2354615	0.29	cps
Iron	56-2	4054729	4050913	4075942	4060528	0.33	cps
Iron	57-2	101180	100106	100861	100715	0.55	cps
Lead	206-1	2182815	2173412	2192789	2183005	0.44	cps
Lead	207-1	1904573	1902084	1926263	1910974	0.70	cps
Lead	208-1	8742140	8724241	8775721	8747368	0.30	cps
Lithium	6-1	746792	751589	743571	747317	0.54	cps
Magnesium	24-2	369165	368581	366423	368057	0.39	cps
Manganese	55-2	266715	267425	268008	267383	0.24	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6734962	6822537	6756274	6771258	0.67	cps
Molybdenum	95-1	3630395	3631709	3647982	3636695	0.27	cps
Molybdenum	96-1	4626441	4642228	4621644	4630104	0.23	cps
Molybdenum	97-1	2240339	2254430	2233071	2242613	0.48	cps
Molybdenum	98-1	5990971	5964805	5986246	5980674	0.23	cps
Neodymium	150-1	20	73	13	36	92.50	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	221144	222884	220316	221448	0.59	cps
Phosphorus	31-2	592	508	283	461	34.59	cps
Potassium	39-2	700770	702565	702792	702042	0.16	cps
Rhodium	103-1	10393232	10484757	10333737	10403909	0.73	cps
Rhodium	103-2	5255069	5275824	5310451	5280448	0.53	cps
Scandium	45-1	6298894	6281682	6192040	6257539	0.92	cps
Scandium	45-2	338119	336749	337460	337443	0.20	cps
Selenium	77-2	2410	2507	2400	2439	2.42	cps
Selenium	78-2	8430	8236	8365	8344	1.19	cps
Selenium	82-1	44417	43649	44174	44080	0.89	cps
Silicon	28-1	4284450	4306285	4303420	4298052	0.28	cps
Silver	109-1	1735695	1736791	1745001	1739162	0.29	cps
Silver	107-1	1817593	1826882	1832361	1825612	0.41	cps
Sodium	23-2	1180579	1187077	1186274	1184643	0.30	cps
Strontium	86-1	2191705	2190384	2182245	2188111	0.23	cps
Strontium	88-1	19256275	19131162	19143733	19177057	0.36	cps
Sulfur	34-1	485168	482775	477096	481680	0.86	cps
Terbium	159-1	13640240	13575803	13762419	13659487	0.69	cps
Terbium	159-2	7267705	7272366	7297149	7279074	0.22	cps
Thallium	203-1	2713426	2725328	2737512	2725422	0.44	cps
Thallium	205-1	6516588	6506418	6593342	6538783	0.73	cps
Tin	118-1	5890004	5867886	5915229	5891040	0.40	cps
Titanium	47-1	957771	965914	957689	960458	0.49	cps
Uranium	238-1	25210992	24964584	25271726	25149101	0.65	cps
Vanadium	51-2	371085	373274	371108	371823	0.34	cps
Yttrium	89-1	10805799	10859835	10826764	10830800	0.25	cps
Yttrium	89-2	1788366	1789696	1801089	1793050	0.39	cps
Zinc	66-2	174465	176351	173935	174917	0.73	cps
Zirconium	90-1	12449036	12614144	12522312	12528497	0.66	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:15:19	DataFile Name :	013ICV01_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2745661	2788490	2737141	2757097	1.00	cps

LB Number : LB90536 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-03 11:19:40 DataFile Name : 014CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	258	233	211	29.10	cps
Antimony	121-1	5526	5668	5860	5685	2.94	cps
Arsenic	75-2	50	61	52	54	10.96	cps
Barium	135-1	92	75	92	86	11.18	cps
Barium	137-1	108	175	108	131	29.48	cps
Beryllium	9-1	67	83	67	72	13.33	cps
Bismuth	209-1	8934989	9030363	8894445	8953266	0.78	cps
Bismuth	209-2	5534072	5601217	5582268	5572519	0.62	cps
Boron	10-1	1183	1383	1175	1247	9.46	cps
Boron	11-1	6802	5835	6277	6304	7.68	cps
Cadmium	111-1	2475	2480	2681	2545	4.63	cps
Cadmium	106-1	3492	3526	3784	3601	4.43	cps
Cadmium	108-1	4	25	25	18	66.60	cps
Calcium	43-1	833	800	700	778	8.92	cps
Calcium	44-1	214246	216360	217671	216093	0.80	cps
Chromium	52-2	2357	2440	2314	2370	2.72	cps
Cobalt	59-2	93	133	107	111	18.33	cps
Copper	63-2	1363	1377	1650	1463	11.06	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-1	158	100	125	128	22.90	cps
Gadolinium	160-2	153	117	163	144	17.01	cps
Holmium	165-1	13012111	12993340	12939733	12981728	0.29	cps
Holmium	165-2	7111579	7126958	7055427	7097988	0.53	cps
Indium	115-1	10793111	10814726	10629929	10745922	0.94	cps
Indium	115-2	2345786	2361236	2363385	2356802	0.41	cps
Iron	56-2	7441	7902	7597	7647	3.07	cps
Iron	57-2	350	367	261	326	17.41	cps
Lead	206-1	2300	2461	2578	2447	5.70	cps
Lead	207-1	2022	2278	2361	2221	7.95	cps
Lead	208-1	9680	9941	10413	10011	3.71	cps
Lithium	6-1	736055	728729	730688	731824	0.52	cps
Magnesium	24-2	217	283	217	239	16.11	cps
Manganese	55-2	67	53	70	63	13.93	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:19:40	DataFile Name :	014CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1517	1233	1567	1439	12.49	cps
Molybdenum	95-1	1784	1600	1684	1689	5.44	cps
Molybdenum	96-1	1900	1875	1817	1864	2.29	cps
Molybdenum	97-1	1050	1067	1000	1039	3.34	cps
Molybdenum	98-1	2975	2609	2617	2734	7.66	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	113	110	47	90	41.74	cps
Phosphorus	31-2	458	408	467	444	7.10	cps
Potassium	39-2	53221	54434	53255	53637	1.29	cps
Rhodium	103-1	10420654	10453071	10369196	10414307	0.41	cps
Rhodium	103-2	5224177	5255677	5308960	5262938	0.81	cps
Scandium	45-1	6228091	6249322	6267079	6248164	0.31	cps
Scandium	45-2	333600	332752	330687	332346	0.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	135	120	102	119	14.02	cps
Selenium	82-1	2	38	-112	-24	-327.34	cps
Silicon	28-1	345758	346520	343634	345304	0.43	cps
Silver	109-1	250	208	175	211	17.80	cps
Silver	107-1	217	358	217	264	30.99	cps
Sodium	23-2	68767	68557	67368	68231	1.11	cps
Strontium	86-1	1292	1225	1350	1289	4.85	cps
Strontium	88-1	992	983	1217	1064	12.44	cps
Sulfur	34-1	489041	493669	492705	491805	0.50	cps
Terbium	159-1	13537454	13394954	13527036	13486481	0.59	cps
Terbium	159-2	7170553	7112443	7189257	7157418	0.56	cps
Thallium	203-1	692	867	908	822	13.98	cps
Thallium	205-1	1892	1867	1709	1822	5.46	cps
Tin	118-1	4009	3826	3951	3929	2.38	cps
Titanium	47-1	233	317	225	258	19.62	cps
Uranium	238-1	692	800	500	664	22.88	cps
Vanadium	51-2	23	23	33	27	21.65	cps
Yttrium	89-1	11015505	10819954	10806277	10880579	1.08	cps
Yttrium	89-2	1760513	1765608	1783205	1769775	0.67	cps
Zinc	66-2	220	273	263	252	11.24	cps
Zirconium	90-1	1617	1442	1567	1542	5.85	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:19:40	DataFile Name :	014CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	308	258	300	12.73	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12824252	12855415	12870008	12849892	0.18	cps
Antimony	121-1	22152	22076	22385	22204	0.72	cps
Arsenic	75-2	254	257	241	251	3.49	cps
Barium	135-1	4868	4951	5601	5140	7.82	cps
Barium	137-1	8820	8937	8937	8898	0.76	cps
Beryllium	9-1	567	506	644	572	12.17	cps
Bismuth	209-1	8730045	8703498	8748476	8727340	0.26	cps
Bismuth	209-2	5274847	5299090	5319734	5297890	0.42	cps
Boron	10-1	1508	1975	2025	1836	15.52	cps
Boron	11-1	9720	10162	9929	9937	2.23	cps
Cadmium	111-1	3815	4338	4297	4150	7.01	cps
Cadmium	106-1	3592	3959	3526	3692	6.32	cps
Cadmium	108-1	3584	3305	3150	3346	6.57	cps
Calcium	43-1	3658643	3608003	3633608	3633418	0.70	cps
Calcium	44-1	58867522	58039985	59107280	58671596	0.95	cps
Chromium	52-2	95765	96033	96332	96044	0.30	cps
Cobalt	59-2	9243	8906	8826	8992	2.46	cps
Copper	63-2	50648	50627	49922	50399	0.82	cps
Dysprosium	156-1	58	83	25	56	52.68	cps
Dysprosium	156-2	23	20	33	26	27.15	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	208	275	175	219	23.20	cps
Gadolinium	160-2	120	167	127	138	18.32	cps
Holmium	165-1	13439015	13402531	13368618	13403388	0.26	cps
Holmium	165-2	7090784	7087577	7096818	7091726	0.07	cps
Indium	115-1	10758423	10737663	10825537	10773874	0.43	cps
Indium	115-2	2280770	2263328	2259435	2267845	0.50	cps
Iron	56-2	399946753	402202498	401617409	401255553	0.29	cps
Iron	57-2	10013618	10118723	10042696	10058346	0.54	cps
Lead	206-1	58624	60493	60019	59712	1.63	cps
Lead	207-1	48517	50095	48879	49163	1.68	cps
Lead	208-1	228479	232905	231823	231069	1.00	cps
Lithium	6-1	740797	739537	734909	738414	0.42	cps
Magnesium	24-2	30537722	30126502	30209837	30291353	0.72	cps
Manganese	55-2	20825	20982	21065	20957	0.58	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8080124	8111243	8058104	8083157	0.33	cps
Molybdenum	95-1	14069853	14176229	14086977	14111020	0.40	cps
Molybdenum	96-1	15049517	14977271	14923758	14983515	0.42	cps
Molybdenum	97-1	8877080	8868048	8862099	8869076	0.09	cps
Molybdenum	98-1	22969629	22974677	23247008	23063771	0.69	cps
Neodymium	150-1	73	80	60	71	14.32	cps
Neodymium	150-2	33	23	17	24	34.31	cps
Nickel	60-2	11745	11611	11732	11696	0.63	cps
Phosphorus	31-2	835658	827950	830697	831435	0.47	cps
Potassium	39-2	32330061	32192653	32259394	32260703	0.21	cps
Rhodium	103-1	9935229	9970467	10106487	10004061	0.90	cps
Rhodium	103-2	4908370	4927152	4957829	4931117	0.51	cps
Scandium	45-1	6261123	6162021	6135225	6186123	1.07	cps
Scandium	45-2	325062	323321	326378	324920	0.47	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	106	94	93	98	7.19	cps
Selenium	82-1	121	38	76	78	52.98	cps
Silicon	28-1	518751	526428	532711	525963	1.33	cps
Silver	109-1	2067	2667	2875	2536	16.55	cps
Silver	107-1	2275	2842	2867	2661	12.58	cps
Sodium	23-2	55304947	55587689	55822149	55571595	0.47	cps
Strontium	86-1	149050	147322	146674	147682	0.83	cps
Strontium	88-1	1267458	1273367	1267633	1269486	0.26	cps
Sulfur	34-1	4744624	4715321	4750528	4736824	0.40	cps
Terbium	159-1	13843532	13874203	13949493	13889076	0.39	cps
Terbium	159-2	7131194	7185613	7118084	7144964	0.50	cps
Thallium	203-1	2117	1992	1950	2020	4.30	cps
Thallium	205-1	5251	5110	4935	5098	3.11	cps
Tin	118-1	4209	4684	4593	4495	5.61	cps
Titanium	47-1	3699330	3672370	3656250	3675983	0.59	cps
Uranium	238-1	1117	1083	1117	1106	1.74	cps
Vanadium	51-2	617	607	593	606	1.93	cps
Yttrium	89-1	10783839	10895521	11037806	10905722	1.17	cps
Yttrium	89-2	1722004	1730282	1716818	1723035	0.39	cps
Zinc	66-2	10217	9853	10094	10055	1.84	cps
Zirconium	90-1	6910	5676	5593	6060	12.17	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:23:07	DataFile Name :	015ICSA01_P7100317-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1433	1075	1167	1225	15.20	cps

LB Number : LB90536 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-03 11:26:30 DataFile Name : 016ICSB_P7100317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12781974	12876616	12607783	12755458	1.07	cps
Antimony	121-1	334450	333134	332687	333424	0.27	cps
Arsenic	75-2	12326	12012	12094	12144	1.34	cps
Barium	135-1	75144	73855	75204	74735	1.02	cps
Barium	137-1	130349	130888	132822	131353	0.99	cps
Beryllium	9-1	34055	33772	34334	34054	0.83	cps
Bismuth	209-1	8898579	8887371	8907925	8897958	0.12	cps
Bismuth	209-2	5279559	5327686	5257199	5288148	0.68	cps
Boron	10-1	15016	15125	16009	15383	3.54	cps
Boron	11-1	80556	81076	81997	81210	0.90	cps
Cadmium	111-1	81217	81305	81741	81421	0.34	cps
Cadmium	106-1	13841	13649	14416	13969	2.86	cps
Cadmium	108-1	9599	9570	9791	9653	1.24	cps
Calcium	43-1	3691142	3711043	3697647	3699944	0.27	cps
Calcium	44-1	59784081	59533176	59112441	59476566	0.57	cps
Chromium	52-2	190226	191513	189758	190499	0.48	cps
Cobalt	59-2	167039	170427	167402	168289	1.11	cps
Copper	63-2	169162	170591	169651	169801	0.43	cps
Dysprosium	156-1	17	100	100	72	66.62	cps
Dysprosium	156-2	37	43	27	36	23.58	cps
Erbium	164-1	117	67	117	100	28.87	cps
Erbium	164-2	43	77	33	51	44.40	cps
Gadolinium	160-1	250	192	217	219	13.33	cps
Gadolinium	160-2	133	157	140	143	8.38	cps
Holmium	165-1	13540789	13726102	13758696	13675196	0.86	cps
Holmium	165-2	7151923	7144328	6981203	7092485	1.36	cps
Indium	115-1	11055899	10982365	11006024	11014763	0.34	cps
Indium	115-2	2259582	2269974	2229361	2252973	0.94	cps
Iron	56-2	405042087	404531053	399853898	403142346	0.71	cps
Iron	57-2	10040378	10050448	9974508	10021778	0.41	cps
Lead	206-1	292053	292026	292371	292150	0.07	cps
Lead	207-1	244385	244785	245097	244756	0.15	cps
Lead	208-1	1133618	1132987	1129050	1131885	0.22	cps
Lithium	6-1	715752	714960	722228	717647	0.56	cps
Magnesium	24-2	30496372	30491049	30115069	30367497	0.72	cps
Manganese	55-2	74789	75570	74434	74931	0.78	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:26:30	DataFile Name :	016ICSB_P7100317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9140919	9048224	9058572	9082572	0.56	cps
Molybdenum	95-1	14820778	14775904	14760278	14785653	0.21	cps
Molybdenum	96-1	15820143	15645902	15857766	15774604	0.72	cps
Molybdenum	97-1	9349499	9295427	9363933	9336286	0.39	cps
Molybdenum	98-1	24545039	24163013	24245588	24317880	0.83	cps
Neodymium	150-1	80	27	53	53	49.99	cps
Neodymium	150-2	17	43	33	31	43.29	cps
Nickel	60-2	54454	54755	54210	54473	0.50	cps
Phosphorus	31-2	825685	823287	817125	822032	0.54	cps
Potassium	39-2	32320308	32428375	31907386	32218690	0.85	cps
Rhodium	103-1	10246831	10098465	10158461	10167919	0.73	cps
Rhodium	103-2	4965647	4991594	4936584	4964608	0.55	cps
Scandium	45-1	6262710	6271490	6201299	6245166	0.61	cps
Scandium	45-2	325632	323552	322625	323936	0.48	cps
Selenium	77-2	253	227	227	236	6.54	cps
Selenium	78-2	943	857	859	886	5.49	cps
Selenium	82-1	4622	4678	4553	4618	1.36	cps
Silicon	28-1	996975	987367	993730	992691	0.49	cps
Silver	109-1	344646	342877	346546	344690	0.53	cps
Silver	107-1	360472	358846	357498	358939	0.41	cps
Sodium	23-2	56189053	56242593	55810247	56080631	0.42	cps
Strontium	86-1	410648	411532	407315	409831	0.54	cps
Strontium	88-1	3579588	3556147	3574245	3569993	0.34	cps
Sulfur	34-1	4756598	4752269	4697212	4735360	0.70	cps
Terbium	159-1	14267678	14135741	14176538	14193319	0.48	cps
Terbium	159-2	7226333	7146633	7070846	7147938	1.09	cps
Thallium	203-1	281966	282958	285369	283431	0.62	cps
Thallium	205-1	675574	681961	679106	678880	0.47	cps
Tin	118-1	708596	701386	703277	704420	0.53	cps
Titanium	47-1	3885556	3844934	3848325	3859605	0.58	cps
Uranium	238-1	2907970	2868871	2883782	2886874	0.68	cps
Vanadium	51-2	75107	75060	75452	75206	0.28	cps
Yttrium	89-1	11058469	11067659	11070956	11065694	0.06	cps
Yttrium	89-2	1732452	1737144	1705396	1724997	0.99	cps
Zinc	66-2	27005	27089	26698	26931	0.76	cps
Zirconium	90-1	1493219	1487511	1495404	1492045	0.27	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:26:30	DataFile Name :	016ICSB_P7100317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333365	328478	329645	330496	0.77	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7490948	7506255	7613224	7536809	0.88	cps
Antimony	121-1	7765135	7674335	7747172	7728881	0.62	cps
Arsenic	75-2	301634	301214	301596	301481	0.08	cps
Barium	135-1	8828149	8799936	8926185	8851423	0.75	cps
Barium	137-1	15596022	15233109	15472824	15433985	1.20	cps
Beryllium	9-1	822264	822568	832414	825749	0.70	cps
Bismuth	209-1	8616360	8518363	8517320	8550681	0.67	cps
Bismuth	209-2	5188679	5214522	5207412	5203538	0.26	cps
Boron	10-1	114556	116270	118394	116407	1.65	cps
Boron	11-1	603277	596214	607736	602409	0.96	cps
Cadmium	111-1	1824986	1823061	1812829	1820292	0.36	cps
Cadmium	106-1	200050	200762	202518	201110	0.63	cps
Cadmium	108-1	131683	131971	133849	132501	0.89	cps
Calcium	43-1	9480699	9596014	9606941	9561218	0.73	cps
Calcium	44-1	150794003	151997274	152618083	151803120	0.61	cps
Chromium	52-2	2462105	2470161	2468995	2467087	0.18	cps
Cobalt	59-2	3874406	3877601	3840927	3864312	0.53	cps
Copper	63-2	5751043	5729627	5744301	5741657	0.19	cps
Dysprosium	156-1	292	192	258	247	20.59	cps
Dysprosium	156-2	133	117	57	102	39.45	cps
Erbium	164-1	183	108	150	147	25.52	cps
Erbium	164-2	53	67	70	63	13.93	cps
Gadolinium	160-1	283	225	367	292	24.41	cps
Gadolinium	160-2	180	190	180	183	3.15	cps
Holmium	165-1	13483714	13637615	13638912	13586747	0.66	cps
Holmium	165-2	7143403	7196135	7118402	7152647	0.55	cps
Indium	115-1	10532069	10477869	10613938	10541292	0.65	cps
Indium	115-2	2247681	2237417	2282743	2255947	1.05	cps
Iron	56-2	520590701	523485478	522970389	522348856	0.30	cps
Iron	57-2	13111132	13135487	13142060	13129560	0.12	cps
Lead	206-1	5453882	5430262	5460159	5448101	0.29	cps
Lead	207-1	4909909	4946918	4936352	4931060	0.39	cps
Lead	208-1	22344308	22229127	22263655	22279030	0.27	cps
Lithium	6-1	684369	696192	702204	694255	1.31	cps
Magnesium	24-2	81418650	81736714	82512783	81889382	0.69	cps
Manganese	55-2	2739915	2749968	2768848	2752910	0.53	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7135765	7127928	7110900	7124864	0.18	cps
Molybdenum	95-1	3775327	3768901	3790016	3778082	0.29	cps
Molybdenum	96-1	4828773	4837392	4848231	4838132	0.20	cps
Molybdenum	97-1	2359970	2352492	2355372	2355945	0.16	cps
Molybdenum	98-1	6299920	6263669	6292316	6285302	0.30	cps
Neodymium	150-1	647	613	687	649	5.66	cps
Neodymium	150-2	107	120	140	122	13.73	cps
Nickel	60-2	1059654	1062679	1060404	1060912	0.15	cps
Phosphorus	31-2	90952	89317	92495	90921	1.75	cps
Potassium	39-2	44002828	43936462	44113722	44017671	0.20	cps
Rhodium	103-1	9865471	9802100	9824004	9830525	0.33	cps
Rhodium	103-2	4910488	4917869	4949168	4925842	0.42	cps
Scandium	45-1	6175452	6203084	6223988	6200841	0.39	cps
Scandium	45-2	338081	339380	339179	338880	0.21	cps
Selenium	77-2	5808	5985	5831	5875	1.63	cps
Selenium	78-2	19678	19847	19545	19690	0.77	cps
Selenium	82-1	109598	108549	109731	109293	0.59	cps
Silicon	28-1	4223140	4235072	4299570	4252594	0.97	cps
Silver	109-1	8740712	8606929	8709460	8685700	0.81	cps
Silver	107-1	9082356	9036004	9213487	9110616	1.01	cps
Sodium	23-2	147944791	148426657	149859274	148743574	0.67	cps
Strontium	86-1	2323674	2319559	2312586	2318606	0.24	cps
Strontium	88-1	20440881	20226016	20236096	20300998	0.60	cps
Sulfur	34-1	1094487	1099327	1106312	1100042	0.54	cps
Terbium	159-1	13985227	14024449	13786160	13931945	0.92	cps
Terbium	159-2	7235309	7221335	7205933	7220859	0.20	cps
Thallium	203-1	6687604	6763994	6729716	6727105	0.57	cps
Thallium	205-1	16052414	16031872	16020420	16034902	0.10	cps
Tin	118-1	6224644	5980773	6252266	6152561	2.43	cps
Titanium	47-1	980225	974504	987835	980855	0.68	cps
Uranium	238-1	25193023	25307242	25130964	25210409	0.35	cps
Vanadium	51-2	1939878	1965405	1961005	1955429	0.70	cps
Yttrium	89-1	10926817	10888790	10821506	10879038	0.49	cps
Yttrium	89-2	1763096	1775133	1768277	1768835	0.34	cps
Zinc	66-2	864128	865436	864496	864687	0.08	cps
Zirconium	90-1	13180578	13220333	13332285	13244399	0.59	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:29:53	DataFile Name :	017CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2898776	2934017	2886027	2906273	0.86	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	267	175	244	25.13	cps
Antimony	121-1	2642	2442	2559	2548	3.94	cps
Arsenic	75-2	26	31	30	29	9.74	cps
Barium	135-1	67	42	50	53	24.12	cps
Barium	137-1	117	75	117	103	23.41	cps
Beryllium	9-1	78	56	50	61	24.05	cps
Bismuth	209-1	9338776	9274897	9319101	9310925	0.35	cps
Bismuth	209-2	5613769	5655989	5649494	5639750	0.40	cps
Boron	10-1	1675	1659	1750	1695	2.88	cps
Boron	11-1	8803	9186	8920	8970	2.19	cps
Cadmium	111-1	2577	2709	2261	2516	9.16	cps
Cadmium	106-1	3659	3809	3209	3559	8.78	cps
Cadmium	108-1	38	4	21	21	79.99	cps
Calcium	43-1	692	617	758	689	10.29	cps
Calcium	44-1	221890	222192	222532	222204	0.14	cps
Chromium	52-2	2197	2400	2370	2322	4.73	cps
Cobalt	59-2	87	160	113	120	30.93	cps
Copper	63-2	1777	2020	1870	1889	6.50	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	130	103	117	117	11.43	cps
Holmium	165-1	13631894	13590789	13551392	13591358	0.30	cps
Holmium	165-2	7236602	7283224	7232523	7250783	0.39	cps
Indium	115-1	11351350	11238641	11320922	11303638	0.52	cps
Indium	115-2	2340483	2376762	2373420	2363555	0.85	cps
Iron	56-2	10487	10059	8925	9824	8.22	cps
Iron	57-2	378	472	489	446	13.43	cps
Lead	206-1	2211	2417	2473	2367	5.81	cps
Lead	207-1	1967	2117	2000	2028	3.88	cps
Lead	208-1	8974	9235	9496	9235	2.83	cps
Lithium	6-1	744543	748055	753633	748744	0.61	cps
Magnesium	24-2	608	542	300	483	33.57	cps
Manganese	55-2	67	60	47	58	17.62	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	1025	975	942	11.05	cps
Molybdenum	95-1	858	992	1025	958	9.20	cps
Molybdenum	96-1	1258	1058	1358	1225	12.47	cps
Molybdenum	97-1	683	750	633	689	8.50	cps
Molybdenum	98-1	1617	1500	1667	1595	5.36	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	120	73	116	34.77	cps
Phosphorus	31-2	500	492	392	461	13.07	cps
Potassium	39-2	56592	57538	57178	57102	0.84	cps
Rhodium	103-1	10890560	10773692	10807917	10824056	0.56	cps
Rhodium	103-2	5318996	5344007	5389054	5350686	0.66	cps
Scandium	45-1	6387190	6350979	6389103	6375757	0.34	cps
Scandium	45-2	330732	335503	334741	333658	0.77	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	122	98	100	107	12.54	cps
Selenium	82-1	52	-33	-48	-9	-577.88	cps
Silicon	28-1	342125	339510	338058	339898	0.61	cps
Silver	109-1	233	300	283	272	12.74	cps
Silver	107-1	292	367	333	331	11.37	cps
Sodium	23-2	80072	79260	78841	79391	0.79	cps
Strontium	86-1	1183	1625	1350	1386	16.09	cps
Strontium	88-1	883	1058	850	931	12.03	cps
Sulfur	34-1	538252	536784	542061	539032	0.51	cps
Terbium	159-1	14159448	14049910	14066106	14091821	0.42	cps
Terbium	159-2	7276630	7288634	7316755	7294006	0.28	cps
Thallium	203-1	833	817	917	856	6.26	cps
Thallium	205-1	2309	2075	1909	2097	9.58	cps
Tin	118-1	2275	2175	2217	2223	2.26	cps
Titanium	47-1	267	150	300	239	32.97	cps
Uranium	238-1	167	117	108	131	24.17	cps
Vanadium	51-2	27	30	27	28	6.92	cps
Yttrium	89-1	11216421	11202061	11136025	11184836	0.38	cps
Yttrium	89-2	1766726	1778102	1794501	1779776	0.78	cps
Zinc	66-2	270	283	270	274	2.80	cps
Zirconium	90-1	1492	1350	1267	1370	8.31	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:40:36	DataFile Name :	020CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	225	267	253	9.52	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2767	2650	2817	2745	3.12	cps
Antimony	121-1	30142	29398	29732	29757	1.25	cps
Arsenic	75-2	591	600	587	593	1.13	cps
Barium	135-1	30576	30593	30551	30573	0.07	cps
Barium	137-1	54667	54416	54223	54436	0.41	cps
Beryllium	9-1	1517	1611	1695	1608	5.53	cps
Bismuth	209-1	9260936	9241470	9198448	9233618	0.35	cps
Bismuth	209-2	5523726	5550609	5641996	5572110	1.11	cps
Boron	10-1	5676	5976	6235	5963	4.69	cps
Boron	11-1	31058	30440	31392	30963	1.56	cps
Cadmium	111-1	5944	6126	5698	5923	3.63	cps
Cadmium	106-1	3859	4026	3809	3898	2.91	cps
Cadmium	108-1	250	263	283	265	6.35	cps
Calcium	43-1	16810	16994	17544	17116	2.23	cps
Calcium	44-1	489480	490998	485920	488799	0.53	cps
Chromium	52-2	11618	11301	12149	11689	3.66	cps
Cobalt	59-2	7279	7715	7872	7622	4.04	cps
Copper	63-2	12859	12983	13300	13047	1.74	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	42	108	67	72	46.63	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	167	167	158	164	2.94	cps
Gadolinium	160-2	130	117	103	117	11.43	cps
Holmium	165-1	13597399	13556808	13390187	13514798	0.81	cps
Holmium	165-2	7119066	7254891	7177814	7183924	0.95	cps
Indium	115-1	11109475	11176529	11076616	11120873	0.46	cps
Indium	115-2	2343847	2349371	2357205	2350141	0.29	cps
Iron	56-2	198794	197331	200551	198892	0.81	cps
Iron	57-2	5318	5468	5307	5364	1.68	cps
Lead	206-1	11972	12623	12295	12297	2.65	cps
Lead	207-1	11494	11010	10983	11162	2.58	cps
Lead	208-1	50071	51029	50946	50682	1.05	cps
Lithium	6-1	729851	737032	731344	732742	0.52	cps
Magnesium	24-2	140772	143539	143019	142443	1.03	cps
Manganese	55-2	2717	2620	2597	2645	2.41	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27703	27210	26976	27296	1.36	cps
Molybdenum	95-1	33732	33023	33883	33546	1.37	cps
Molybdenum	96-1	36965	36999	36339	36768	1.01	cps
Molybdenum	97-1	21409	20182	19940	20510	3.84	cps
Molybdenum	98-1	54121	53310	53803	53744	0.76	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2417	2320	2384	2374	2.07	cps
Phosphorus	31-2	550	442	467	486	11.67	cps
Potassium	39-2	206221	203840	203113	204391	0.80	cps
Rhodium	103-1	10742665	10695480	10672803	10703649	0.33	cps
Rhodium	103-2	5254086	5264323	5255909	5258106	0.10	cps
Scandium	45-1	6355066	6306874	6335263	6332401	0.38	cps
Scandium	45-2	330440	330098	333541	331360	0.57	cps
Selenium	77-2	73	73	50	66	20.55	cps
Selenium	78-2	337	322	333	331	2.33	cps
Selenium	82-1	1085	957	1023	1021	6.27	cps
Silicon	28-1	438713	443456	446983	443051	0.94	cps
Silver	109-1	16994	16802	16694	16830	0.90	cps
Silver	107-1	17520	18788	17511	17940	4.10	cps
Sodium	23-2	333717	334701	337691	335370	0.62	cps
Strontium	86-1	5335	5551	5093	5326	4.31	cps
Strontium	88-1	36965	36122	35737	36275	1.73	cps
Sulfur	34-1	530586	537085	530109	532593	0.73	cps
Terbium	159-1	14103516	14082380	13913659	14033185	0.74	cps
Terbium	159-2	7267761	7236517	7312969	7272416	0.53	cps
Thallium	203-1	13891	13240	13349	13493	2.58	cps
Thallium	205-1	32399	31413	31605	31806	1.64	cps
Tin	118-1	55227	54164	54465	54618	1.00	cps
Titanium	47-1	8194	8611	8745	8517	3.37	cps
Uranium	238-1	41559	42663	42889	42370	1.68	cps
Vanadium	51-2	17417	17347	17070	17278	1.06	cps
Yttrium	89-1	11158024	11040987	11113460	11104157	0.53	cps
Yttrium	89-2	1772999	1760501	1775069	1769523	0.45	cps
Zinc	66-2	1907	1763	1893	1855	4.27	cps
Zirconium	90-1	24088	24037	23888	24004	0.43	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:44:02	DataFile Name :	021SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5685	5426	4818	5310	8.38	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	300	317	308	2.70	cps
Antimony	121-1	1242	1242	1492	1325	10.89	cps
Arsenic	75-2	28	26	24	26	7.15	cps
Barium	135-1	50	67	83	67	25.00	cps
Barium	137-1	50	100	167	106	55.46	cps
Beryllium	9-1	94	111	44	83	41.63	cps
Bismuth	209-1	9222644	9174617	9201932	9199731	0.26	cps
Bismuth	209-2	5477334	5504916	5617485	5533245	1.34	cps
Boron	10-1	842	917	692	817	14.03	cps
Boron	11-1	4301	3967	3909	4059	5.21	cps
Cadmium	111-1	2420	2398	2282	2367	3.13	cps
Cadmium	106-1	3434	3384	3259	3359	2.68	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	708	608	642	653	7.80	cps
Calcium	44-1	212183	212971	211982	212378	0.25	cps
Chromium	52-2	2424	2380	2264	2356	3.51	cps
Cobalt	59-2	113	87	83	94	17.41	cps
Copper	63-2	1640	1500	1377	1506	8.75	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	150	75	150	125	34.64	cps
Gadolinium	160-2	173	103	130	136	26.06	cps
Holmium	165-1	13713076	13524931	13556216	13598074	0.74	cps
Holmium	165-2	7043446	7099094	7065741	7069427	0.40	cps
Indium	115-1	11099946	11116568	11040036	11085516	0.36	cps
Indium	115-2	2294779	2317734	2345426	2319313	1.09	cps
Iron	56-2	6941	7369	7263	7191	3.10	cps
Iron	57-2	322	433	322	359	17.86	cps
Lead	206-1	2034	1984	1834	1950	5.34	cps
Lead	207-1	1817	1728	1667	1737	4.34	cps
Lead	208-1	7934	7612	7885	7810	2.22	cps
Lithium	6-1	727649	726342	727402	727131	0.10	cps
Magnesium	24-2	217	283	225	242	15.03	cps
Manganese	55-2	40	10	60	37	68.63	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	692	550	664	15.49	cps
Molybdenum	95-1	600	492	533	542	10.09	cps
Molybdenum	96-1	683	542	600	608	11.70	cps
Molybdenum	97-1	367	350	308	342	8.79	cps
Molybdenum	98-1	775	842	817	811	4.15	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87	97	127	103	20.14	cps
Phosphorus	31-2	508	400	392	433	15.02	cps
Potassium	39-2	54501	54401	54526	54476	0.12	cps
Rhodium	103-1	10739833	10563303	10630803	10644646	0.84	cps
Rhodium	103-2	5193151	5202573	5284874	5226866	0.97	cps
Scandium	45-1	6270215	6256251	6194839	6240435	0.64	cps
Scandium	45-2	328564	327705	332299	329522	0.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	133	106	104	114	14.53	cps
Selenium	82-1	46	-45	-15	-5	-956.77	cps
Silicon	28-1	333604	331927	331885	332472	0.29	cps
Silver	109-1	225	117	125	156	38.75	cps
Silver	107-1	200	208	233	214	8.11	cps
Sodium	23-2	67334	65435	67192	66654	1.59	cps
Strontium	86-1	1442	1358	1267	1356	6.46	cps
Strontium	88-1	1100	1142	1233	1158	5.89	cps
Sulfur	34-1	521980	524252	522066	522766	0.25	cps
Terbium	159-1	13940462	13893149	14008029	13947213	0.41	cps
Terbium	159-2	7162669	7093636	7178772	7145026	0.63	cps
Thallium	203-1	467	575	467	503	12.44	cps
Thallium	205-1	1300	1258	1117	1225	7.85	cps
Tin	118-1	1917	1950	2034	1967	3.06	cps
Titanium	47-1	242	225	258	242	6.90	cps
Uranium	238-1	83	117	108	103	16.88	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Yttrium	89-1	10968990	11123519	11052127	11048212	0.70	cps
Yttrium	89-2	1755881	1743171	1765012	1754688	0.63	cps
Zinc	66-2	230	187	253	223	15.15	cps
Zirconium	90-1	942	1125	1125	1064	9.95	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:47:28	DataFile Name :	022CCBE_P7100317-MS

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

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5685	5601	5801	5696	1.76	cps
Antimony	121-1	59151	59210	60581	59647	1.36	cps
Arsenic	75-2	1213	1285	1283	1261	3.27	cps
Barium	135-1	64316	64676	65546	64846	0.98	cps
Barium	137-1	114191	113974	113898	114021	0.13	cps
Beryllium	9-1	3406	3150	3267	3275	3.91	cps
Bismuth	209-1	9145035	9106140	9148517	9133230	0.26	cps
Bismuth	209-2	5515324	5565762	5576560	5552548	0.59	cps
Boron	10-1	10921	11922	11546	11463	4.41	cps
Boron	11-1	56205	54658	58798	56554	3.70	cps
Cadmium	111-1	9880	9537	9992	9803	2.42	cps
Cadmium	106-1	4259	4268	4393	4306	1.73	cps
Cadmium	108-1	600	492	550	547	9.91	cps
Calcium	43-1	36721	36371	36229	36440	0.70	cps
Calcium	44-1	784755	774065	778293	779037	0.69	cps
Chromium	52-2	21866	22517	22491	22292	1.65	cps
Cobalt	59-2	15872	15575	16209	15885	2.00	cps
Copper	63-2	25339	25048	25586	25324	1.06	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	125	117	125	122	3.94	cps
Erbium	164-2	57	40	63	53	22.53	cps
Gadolinium	160-1	133	175	67	125	43.72	cps
Gadolinium	160-2	113	107	93	104	9.75	cps
Holmium	165-1	13617115	13498583	13472303	13529334	0.57	cps
Holmium	165-2	7061652	7118932	7051191	7077258	0.52	cps
Indium	115-1	11068543	11030574	11142234	11080450	0.51	cps
Indium	115-2	2327889	2337428	2346498	2337272	0.40	cps
Iron	56-2	1577657	1584648	1593912	1585405	0.51	cps
Iron	57-2	39025	39131	38763	38973	0.49	cps
Lead	206-1	24100	23967	23343	23803	1.70	cps
Lead	207-1	22458	21707	22119	22095	1.70	cps
Lead	208-1	98744	97386	97107	97746	0.90	cps
Lithium	6-1	727424	720075	733474	726991	0.92	cps
Magnesium	24-2	304499	301874	306041	304138	0.69	cps
Manganese	55-2	5534	5321	5615	5490	2.76	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	58420	58738	57182	58113	1.42	cps
Molybdenum	95-1	69135	69327	69536	69333	0.29	cps
Molybdenum	96-1	76842	76003	78097	76980	1.37	cps
Molybdenum	97-1	42765	42765	42957	42829	0.26	cps
Molybdenum	98-1	111491	110594	111684	111257	0.52	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4828	4637	4954	4806	3.32	cps
Phosphorus	31-2	450	325	492	422	20.54	cps
Potassium	39-2	367735	376627	370383	371582	1.23	cps
Rhodium	103-1	10692701	10564724	10617342	10624923	0.61	cps
Rhodium	103-2	5232531	5287540	5255003	5258358	0.53	cps
Scandium	45-1	6270393	6250301	6271160	6263951	0.19	cps
Scandium	45-2	325706	329427	329665	328266	0.68	cps
Selenium	77-2	117	117	143	126	12.26	cps
Selenium	78-2	520	520	524	522	0.41	cps
Selenium	82-1	2240	2354	2219	2271	3.20	cps
Silicon	28-1	554184	555050	550368	553201	0.45	cps
Silver	109-1	36122	35546	36013	35894	0.85	cps
Silver	107-1	37852	38537	39189	38526	1.74	cps
Sodium	23-2	620392	618542	613417	617450	0.59	cps
Strontium	86-1	9937	9670	9812	9807	1.36	cps
Strontium	88-1	76135	76505	75021	75887	1.02	cps
Sulfur	34-1	534583	531993	533731	533436	0.25	cps
Terbium	159-1	14038699	13872929	13972340	13961323	0.60	cps
Terbium	159-2	7179874	7201424	7228621	7203306	0.34	cps
Thallium	203-1	27496	28290	27346	27710	1.83	cps
Thallium	205-1	66702	66374	66768	66615	0.32	cps
Tin	118-1	113053	113051	113379	113161	0.17	cps
Titanium	47-1	18512	17828	18629	18323	2.36	cps
Uranium	238-1	88921	88928	89733	89194	0.52	cps
Vanadium	51-2	36144	36281	36910	36445	1.12	cps
Yttrium	89-1	11099715	11089130	10969205	11052683	0.66	cps
Yttrium	89-2	1747971	1759763	1760023	1755919	0.39	cps
Zinc	66-2	4267	4214	4301	4261	1.03	cps
Zirconium	90-1	48508	49545	47990	48681	1.63	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102785BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:50:54	DataFile Name :	023LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11005	10646	10412	10688	2.79	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	292	242	261	10.26	cps
Antimony	121-1	1033	1042	1058	1045	1.22	cps
Arsenic	75-2	26	6	35	22	68.20	cps
Barium	135-1	92	75	50	72	29.04	cps
Barium	137-1	158	117	125	133	16.54	cps
Beryllium	9-1	56	56	56	56	0.00	cps
Bismuth	209-1	9283204	9238045	9207251	9242833	0.41	cps
Bismuth	209-2	5574881	5573709	5620632	5589741	0.48	cps
Boron	10-1	800	700	742	747	6.72	cps
Boron	11-1	4334	4701	4134	4390	6.55	cps
Cadmium	111-1	2939	2588	2598	2708	7.38	cps
Cadmium	106-1	4159	3659	3692	3837	7.29	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	700	667	850	739	13.22	cps
Calcium	44-1	206885	205321	206176	206127	0.38	cps
Chromium	52-2	2104	2120	2270	2165	4.24	cps
Cobalt	59-2	80	80	83	81	2.37	cps
Copper	63-2	1457	1387	1463	1436	2.96	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	50	67	17	44	57.28	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	117	108	133	119	10.66	cps
Gadolinium	160-2	90	87	120	99	18.56	cps
Holmium	165-1	13633338	13595238	13675647	13634741	0.30	cps
Holmium	165-2	7031794	7148616	7204941	7128450	1.24	cps
Indium	115-1	11281430	11268838	11126401	11225556	0.77	cps
Indium	115-2	2330006	2326187	2339047	2331747	0.28	cps
Iron	56-2	6818	6546	6674	6679	2.04	cps
Iron	57-2	267	378	306	317	17.81	cps
Lead	206-1	1934	1900	1645	1826	8.66	cps
Lead	207-1	1884	1628	1689	1734	7.70	cps
Lead	208-1	7884	7362	7407	7551	3.84	cps
Lithium	6-1	734103	730440	732996	732513	0.26	cps
Magnesium	24-2	233	233	183	217	13.32	cps
Manganese	55-2	97	47	83	76	34.27	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	642	608	658	9.13	cps
Molybdenum	95-1	375	350	525	417	22.72	cps
Molybdenum	96-1	408	517	533	486	13.96	cps
Molybdenum	97-1	192	392	217	267	40.86	cps
Molybdenum	98-1	667	700	858	742	13.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	113	103	102	11.45	cps
Phosphorus	31-2	500	400	558	486	16.47	cps
Potassium	39-2	53673	54359	54660	54230	0.93	cps
Rhodium	103-1	10765165	10768979	10712766	10748970	0.29	cps
Rhodium	103-2	5260115	5254956	5281429	5265500	0.27	cps
Scandium	45-1	6413858	6341694	6288956	6348169	0.99	cps
Scandium	45-2	328598	326175	329946	328240	0.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	93	113	81	96	16.69	cps
Selenium	82-1	-23	100	-106	-10	-1060.24	cps
Silicon	28-1	330393	329584	334786	331588	0.84	cps
Silver	109-1	225	192	142	186	22.54	cps
Silver	107-1	200	233	250	228	11.18	cps
Sodium	23-2	61686	61661	60657	61335	0.96	cps
Strontium	86-1	1283	1433	1258	1325	7.14	cps
Strontium	88-1	1342	1267	1175	1261	6.62	cps
Sulfur	34-1	549216	546794	552242	549417	0.50	cps
Terbium	159-1	14031199	13942619	14066195	14013338	0.45	cps
Terbium	159-2	7247122	7189423	7255354	7230633	0.50	cps
Thallium	203-1	375	358	367	367	2.27	cps
Thallium	205-1	1058	1133	925	1039	10.16	cps
Tin	118-1	1900	1600	1825	1775	8.80	cps
Titanium	47-1	167	317	258	247	30.58	cps
Uranium	238-1	108	83	75	89	19.52	cps
Vanadium	51-2	10	17	17	14	26.66	cps
Yttrium	89-1	11201632	11111861	11029485	11114326	0.77	cps
Yttrium	89-2	1752987	1757329	1763964	1758093	0.31	cps
Zinc	66-2	240	183	207	210	13.56	cps
Zirconium	90-1	1083	858	1242	1061	18.15	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:54:20	DataFile Name :	024CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	225	225	214	9.00	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5510	5693	5418	5540	2.53	cps
Antimony	121-1	59669	58264	57469	58467	1.91	cps
Arsenic	75-2	1278	1235	1230	1248	2.11	cps
Barium	135-1	65455	64935	64911	65100	0.47	cps
Barium	137-1	113755	110219	111604	111859	1.59	cps
Beryllium	9-1	3539	3189	3428	3386	5.28	cps
Bismuth	209-1	9308006	9319169	9165864	9264346	0.92	cps
Bismuth	209-2	5603784	5630975	5585560	5606773	0.41	cps
Boron	10-1	10963	11263	11013	11080	1.45	cps
Boron	11-1	57150	57151	55879	56727	1.29	cps
Cadmium	111-1	10095	9765	9670	9843	2.27	cps
Cadmium	106-1	4676	4601	4101	4459	7.01	cps
Cadmium	108-1	621	642	588	617	4.43	cps
Calcium	43-1	36112	36154	35652	35973	0.77	cps
Calcium	44-1	771683	764573	763555	766603	0.58	cps
Chromium	52-2	22080	22123	21703	21969	1.05	cps
Cobalt	59-2	15699	15986	15295	15660	2.22	cps
Copper	63-2	25088	25232	25122	25147	0.30	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	117	83	75	92	24.05	cps
Erbium	164-2	47	43	50	47	7.15	cps
Gadolinium	160-1	142	217	167	175	21.82	cps
Gadolinium	160-2	103	110	117	110	6.06	cps
Holmium	165-1	13867206	13616148	13734919	13739424	0.91	cps
Holmium	165-2	7200128	7214081	7139091	7184433	0.56	cps
Indium	115-1	11331375	11106939	11176621	11204978	1.03	cps
Indium	115-2	2317668	2348819	2327391	2331293	0.68	cps
Iron	56-2	1554675	1555804	1553667	1554716	0.07	cps
Iron	57-2	38768	38969	38846	38861	0.26	cps
Lead	206-1	23727	23365	23315	23469	0.96	cps
Lead	207-1	21379	21379	21696	21485	0.85	cps
Lead	208-1	96468	96222	96054	96248	0.22	cps
Lithium	6-1	752429	736633	739455	742839	1.13	cps
Magnesium	24-2	296853	295237	297051	296380	0.34	cps
Manganese	55-2	5615	5458	5464	5512	1.61	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	56052	55643	55810	55835	0.37	cps
Molybdenum	95-1	70022	68004	67393	68473	2.01	cps
Molybdenum	96-1	76706	76011	73431	75383	2.29	cps
Molybdenum	97-1	43033	42857	41520	42470	1.95	cps
Molybdenum	98-1	110064	108562	109233	109286	0.69	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	4507	4721	4557	4595	2.43	cps
Phosphorus	31-2	625	533	483	547	13.13	cps
Potassium	39-2	364412	363509	357193	361704	1.09	cps
Rhodium	103-1	10764224	10716434	10662552	10714403	0.47	cps
Rhodium	103-2	5253066	5297001	5249052	5266373	0.51	cps
Scandium	45-1	6349024	6294764	6238810	6294199	0.88	cps
Scandium	45-2	327847	331289	329733	329623	0.52	cps
Selenium	77-2	140	140	143	141	1.36	cps
Selenium	78-2	493	496	511	500	1.96	cps
Selenium	82-1	2264	2278	2163	2235	2.81	cps
Silicon	28-1	549171	553547	548903	550541	0.47	cps
Silver	109-1	35504	35462	34819	35261	1.09	cps
Silver	107-1	37718	37000	36808	37175	1.29	cps
Sodium	23-2	599675	605824	605345	603614	0.57	cps
Strontium	86-1	9604	9895	9520	9673	2.04	cps
Strontium	88-1	74351	72877	73321	73516	1.03	cps
Sulfur	34-1	549327	545449	541819	545531	0.69	cps
Terbium	159-1	14258512	14069202	14085421	14137712	0.74	cps
Terbium	159-2	7360427	7292398	7181044	7277956	1.24	cps
Thallium	203-1	27955	27730	26719	27468	2.40	cps
Thallium	205-1	66383	65629	65344	65785	0.82	cps
Tin	118-1	113740	111430	110122	111764	1.64	cps
Titanium	47-1	18245	17436	18437	18040	2.95	cps
Uranium	238-1	90297	89943	87544	89261	1.68	cps
Vanadium	51-2	35847	36245	35286	35792	1.35	cps
Yttrium	89-1	11229396	11125079	11057493	11137323	0.78	cps
Yttrium	89-2	1756700	1774962	1765550	1765737	0.52	cps
Zinc	66-2	3824	4177	3944	3982	4.51	cps
Zirconium	90-1	48417	48115	47546	48026	0.92	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102786BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 11:57:47	DataFile Name :	025LCSE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10229	10296	10246	10257	0.34	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	75	92	108	40.71	cps
Antimony	121-1	767	800	950	839	11.64	cps
Arsenic	75-2	20	13	22	19	26.46	cps
Barium	135-1	50	42	50	47	10.18	cps
Barium	137-1	75	92	67	78	16.37	cps
Beryllium	9-1	28	72	78	59	46.24	cps
Bismuth	209-1	9327891	9263023	9198705	9263206	0.70	cps
Bismuth	209-2	5537311	5543557	5620523	5567130	0.83	cps
Boron	10-1	767	650	608	675	12.16	cps
Boron	11-1	3484	3601	3342	3476	3.72	cps
Cadmium	111-1	2304	2437	2275	2338	3.71	cps
Cadmium	106-1	3284	3451	3251	3328	3.22	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	683	675	567	642	10.14	cps
Calcium	44-1	196456	198287	196775	197173	0.50	cps
Chromium	52-2	2250	2260	2224	2245	0.84	cps
Cobalt	59-2	83	73	70	76	9.19	cps
Copper	63-2	1220	1243	1170	1211	3.09	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	17	0	3	7	132.33	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	133	108	117	119	10.66	cps
Gadolinium	160-2	103	133	120	119	12.64	cps
Holmium	165-1	13511154	13632575	13479698	13541142	0.60	cps
Holmium	165-2	7103652	7153252	7116447	7124450	0.36	cps
Indium	115-1	11112698	11038510	11113812	11088340	0.39	cps
Indium	115-2	2315859	2331549	2332817	2326742	0.41	cps
Iron	56-2	7452	7986	7841	7760	3.56	cps
Iron	57-2	306	283	300	296	3.90	cps
Lead	206-1	1672	1817	1600	1696	6.50	cps
Lead	207-1	1461	1578	1600	1546	4.82	cps
Lead	208-1	6740	6929	6851	6840	1.39	cps
Lithium	6-1	731856	727489	733050	730798	0.40	cps
Magnesium	24-2	125	200	233	186	29.81	cps
Manganese	55-2	80	80	63	74	12.93	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	567	675	622	8.71	cps
Molybdenum	95-1	383	233	308	308	24.32	cps
Molybdenum	96-1	375	483	333	397	19.49	cps
Molybdenum	97-1	175	158	183	172	7.39	cps
Molybdenum	98-1	733	592	567	631	14.26	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	107	83	97	12.43	cps
Phosphorus	31-2	458	400	442	433	6.93	cps
Potassium	39-2	51900	51883	52385	52056	0.55	cps
Rhodium	103-1	10756564	10707415	10748726	10737568	0.25	cps
Rhodium	103-2	5242392	5259610	5235148	5245717	0.24	cps
Scandium	45-1	6306933	6315559	6297293	6306595	0.14	cps
Scandium	45-2	324371	326286	329158	326605	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	109	102	106	3.51	cps
Selenium	82-1	-14	-34	41	-2	-1617.32	cps
Silicon	28-1	333296	333375	330715	332462	0.46	cps
Silver	109-1	167	108	117	131	24.17	cps
Silver	107-1	142	233	167	181	26.25	cps
Sodium	23-2	57820	57679	56759	57419	1.00	cps
Strontium	86-1	1200	1200	1425	1275	10.19	cps
Strontium	88-1	592	292	342	408	39.36	cps
Sulfur	34-1	521876	527755	524378	524670	0.56	cps
Terbium	159-1	14037805	14173665	13942239	14051237	0.83	cps
Terbium	159-2	7159347	7266452	7187299	7204366	0.77	cps
Thallium	203-1	217	258	317	264	19.04	cps
Thallium	205-1	692	625	583	633	8.63	cps
Tin	118-1	1667	1792	1775	1745	3.89	cps
Titanium	47-1	183	142	183	169	14.20	cps
Uranium	238-1	75	92	67	78	16.37	cps
Vanadium	51-2	17	17	17	17	0.00	cps
Yttrium	89-1	11185262	11048469	11117099	11116943	0.62	cps
Yttrium	89-2	1734679	1745185	1745879	1741914	0.36	cps
Zinc	66-2	403	373	363	380	5.48	cps
Zirconium	90-1	1075	725	892	897	19.51	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BL	Instrumnet Name :	P7
Client Sample ID :	PB102747BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:01:13	DataFile Name :	026CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	233	242	211	21.74	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1400064	1393550	1388360	1393992	0.42	cps
Antimony	121-1	7831824	7730007	7876050	7812627	0.96	cps
Arsenic	75-2	294706	295618	294070	294798	0.26	cps
Barium	135-1	8776600	8771144	8721780	8756508	0.34	cps
Barium	137-1	15324865	15137114	15250733	15237571	0.62	cps
Beryllium	9-1	843909	843622	836634	841388	0.49	cps
Bismuth	209-1	9041567	9045855	9128412	9071945	0.54	cps
Bismuth	209-2	5471240	5515524	5492086	5492950	0.40	cps
Boron	10-1	114892	116890	118283	116688	1.46	cps
Boron	11-1	593824	593530	606613	597989	1.25	cps
Cadmium	111-1	1864482	1862700	1871360	1866181	0.25	cps
Cadmium	106-1	202663	201318	201039	201674	0.43	cps
Cadmium	108-1	136079	134076	135528	135228	0.77	cps
Calcium	43-1	1871546	1850282	1864167	1861998	0.58	cps
Calcium	44-1	30379473	29846602	30263334	30163136	0.93	cps
Chromium	52-2	2303742	2319616	2301863	2308407	0.42	cps
Cobalt	59-2	3823647	3834616	3813084	3823783	0.28	cps
Copper	63-2	5999007	5840179	5989178	5942788	1.50	cps
Dysprosium	156-1	125	133	167	142	15.56	cps
Dysprosium	156-2	73	67	120	87	33.53	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	33	37	40	37	9.10	cps
Gadolinium	160-1	233	275	225	244	10.96	cps
Gadolinium	160-2	137	117	150	134	12.48	cps
Holmium	165-1	13744248	13662041	13828172	13744820	0.60	cps
Holmium	165-2	7157771	7123544	7154213	7145176	0.26	cps
Indium	115-1	10833583	10836982	10793778	10821448	0.22	cps
Indium	115-2	2238704	2253448	2234798	2242317	0.44	cps
Iron	56-2	105761752	105247330	105098419	105369167	0.33	cps
Iron	57-2	2566430	2552780	2581658	2566956	0.56	cps
Lead	206-1	5574750	5540403	5569334	5561496	0.33	cps
Lead	207-1	5070657	5037567	5072828	5060351	0.39	cps
Lead	208-1	22918291	22848125	22930145	22898854	0.19	cps
Lithium	6-1	743877	733571	737272	738240	0.71	cps
Magnesium	24-2	15817667	15789670	15766546	15791294	0.16	cps
Manganese	55-2	2643816	2654301	2647927	2648681	0.20	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6996261	6953446	6936260	6961989	0.44	cps
Molybdenum	95-1	3661755	3663710	3695216	3673560	0.51	cps
Molybdenum	96-1	4734430	4678330	4718151	4710304	0.61	cps
Molybdenum	97-1	2292203	2285723	2295595	2291173	0.22	cps
Molybdenum	98-1	6138042	6121854	6156657	6138851	0.28	cps
Neodymium	150-1	640	373	467	493	27.43	cps
Neodymium	150-2	60	63	47	57	15.56	cps
Nickel	60-2	1043514	1044667	1037047	1041743	0.39	cps
Phosphorus	31-2	86509	87641	87682	87277	0.76	cps
Potassium	39-2	8454304	8344790	8405398	8401497	0.65	cps
Rhodium	103-1	10363155	10165589	10291559	10273434	0.97	cps
Rhodium	103-2	5054143	5079876	5067901	5067307	0.25	cps
Scandium	45-1	6295073	6199193	6204640	6232969	0.86	cps
Scandium	45-2	326601	323712	325332	325215	0.45	cps
Selenium	77-2	5938	5741	5801	5827	1.73	cps
Selenium	78-2	19246	19487	19599	19444	0.93	cps
Selenium	82-1	109643	108795	110734	109724	0.89	cps
Silicon	28-1	4493594	4537838	4607006	4546146	1.26	cps
Silver	109-1	8970730	8943227	8928835	8947597	0.24	cps
Silver	107-1	9458652	9299861	9400950	9386487	0.86	cps
Sodium	23-2	29373976	29157950	29187692	29239873	0.40	cps
Strontium	86-1	2211565	2220027	2230415	2220669	0.43	cps
Strontium	88-1	19517529	19364774	19590165	19490823	0.59	cps
Sulfur	34-1	1100873	1093386	1100192	1098150	0.38	cps
Terbium	159-1	14217011	14206449	14161684	14195048	0.21	cps
Terbium	159-2	7217908	7257380	7178065	7217784	0.55	cps
Thallium	203-1	7124039	6835010	6924243	6961097	2.13	cps
Thallium	205-1	16626322	16448747	16382445	16485838	0.76	cps
Tin	118-1	6282039	6179824	6202305	6221390	0.86	cps
Titanium	47-1	970309	961789	971435	967844	0.54	cps
Uranium	238-1	25064098	25174513	25356813	25198475	0.59	cps
Vanadium	51-2	1841915	1861852	1848153	1850640	0.55	cps
Yttrium	89-1	10981926	10878479	10950182	10936862	0.48	cps
Yttrium	89-2	1732156	1728044	1714023	1724741	0.55	cps
Zinc	66-2	863880	860449	855059	859796	0.52	cps
Zirconium	90-1	12956387	12874144	13154844	12995125	1.11	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	PB102747BS	Instrumnet Name :	P7
Client Sample ID :	PB102747BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:04:40	DataFile Name :	027LCS6_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2838381	2816321	2819662	2824788	0.42	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7566430	7559435	7646637	7590834	0.64	cps
Antimony	121-1	7790281	7779143	7783956	7784460	0.07	cps
Arsenic	75-2	302344	303456	304038	303279	0.28	cps
Barium	135-1	8775106	8797669	8838176	8803650	0.36	cps
Barium	137-1	15315470	15209885	15364056	15296470	0.52	cps
Beryllium	9-1	846045	856884	858297	853742	0.79	cps
Bismuth	209-1	8620867	8635495	8533122	8596495	0.64	cps
Bismuth	209-2	5186622	5226282	5198504	5203803	0.39	cps
Boron	10-1	117445	121265	122417	120376	2.16	cps
Boron	11-1	608051	619882	616972	614968	1.00	cps
Cadmium	111-1	1804825	1814381	1824596	1814600	0.54	cps
Cadmium	106-1	195236	201639	202014	199629	1.91	cps
Cadmium	108-1	132201	133968	132163	132777	0.78	cps
Calcium	43-1	9452811	9581474	9557157	9530481	0.72	cps
Calcium	44-1	151435299	151678020	153289753	152134358	0.66	cps
Chromium	52-2	2494215	2504374	2529631	2509406	0.73	cps
Cobalt	59-2	3849696	3868579	3898022	3872099	0.63	cps
Copper	63-2	5708630	5742365	5748712	5733235	0.38	cps
Dysprosium	156-1	267	258	267	264	1.82	cps
Dysprosium	156-2	127	130	147	134	7.97	cps
Erbium	164-1	158	108	108	125	23.09	cps
Erbium	164-2	67	67	73	69	5.58	cps
Gadolinium	160-1	283	292	283	286	1.68	cps
Gadolinium	160-2	227	220	163	203	17.11	cps
Holmium	165-1	13821631	13644452	13786784	13750956	0.68	cps
Holmium	165-2	7173473	7132991	7189483	7165316	0.41	cps
Indium	115-1	10500953	10513034	10568639	10527542	0.34	cps
Indium	115-2	2230805	2250779	2246956	2242847	0.47	cps
Iron	56-2	528234645	528355434	530834256	529141445	0.28	cps
Iron	57-2	13116287	13194114	13280862	13197088	0.62	cps
Lead	206-1	5403665	5428090	5422489	5418081	0.24	cps
Lead	207-1	4941742	4937914	4895423	4925027	0.52	cps
Lead	208-1	22320230	22377663	22257809	22318567	0.27	cps
Lithium	6-1	725975	725038	731892	727635	0.51	cps
Magnesium	24-2	82530952	82245498	82949394	82575281	0.43	cps
Manganese	55-2	2756801	2760894	2789023	2768906	0.63	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7094205	7111757	7174203	7126722	0.59	cps
Molybdenum	95-1	3729798	3773968	3741759	3748508	0.61	cps
Molybdenum	96-1	4789801	4827621	4814228	4810550	0.40	cps
Molybdenum	97-1	2326734	2327184	2323325	2325748	0.09	cps
Molybdenum	98-1	6215684	6295883	6279406	6263658	0.68	cps
Neodymium	150-1	627	500	647	591	13.46	cps
Neodymium	150-2	93	97	130	107	19.01	cps
Nickel	60-2	1068120	1068781	1081765	1072888	0.72	cps
Phosphorus	31-2	91891	92520	91580	91997	0.52	cps
Potassium	39-2	43708636	44033720	44109379	43950578	0.48	cps
Rhodium	103-1	9752334	9832636	9778367	9787779	0.42	cps
Rhodium	103-2	4870926	4952179	4919710	4914271	0.83	cps
Scandium	45-1	6242443	6243873	6300752	6262356	0.53	cps
Scandium	45-2	337221	339098	339457	338592	0.35	cps
Selenium	77-2	5991	6031	5971	5998	0.51	cps
Selenium	78-2	20146	20173	20131	20150	0.11	cps
Selenium	82-1	108846	108569	110699	109372	1.06	cps
Silicon	28-1	4429898	4467981	4460539	4452806	0.45	cps
Silver	109-1	8624536	8670009	8635590	8643378	0.27	cps
Silver	107-1	9011083	9108214	9105216	9074837	0.61	cps
Sodium	23-2	148611957	152261778	151385678	150753138	1.26	cps
Strontium	86-1	2289452	2313060	2302448	2301653	0.51	cps
Strontium	88-1	20381310	20224998	20319218	20308509	0.39	cps
Sulfur	34-1	1129732	1135395	1147141	1137423	0.78	cps
Terbium	159-1	14059746	14130364	13917023	14035711	0.77	cps
Terbium	159-2	7263328	7236876	7200728	7233644	0.43	cps
Thallium	203-1	6957455	6723981	6702950	6794795	2.08	cps
Thallium	205-1	16071726	16196715	16079894	16116112	0.43	cps
Tin	118-1	5929955	5935581	6017316	5960950	0.82	cps
Titanium	47-1	972527	986045	989280	982617	0.90	cps
Uranium	238-1	25084343	25162939	25027439	25091574	0.27	cps
Vanadium	51-2	1940185	1954342	1952102	1948876	0.39	cps
Yttrium	89-1	10929256	10989545	10984444	10967748	0.30	cps
Yttrium	89-2	1764723	1770559	1777016	1770766	0.35	cps
Zinc	66-2	862682	871591	872230	868834	0.61	cps
Zirconium	90-1	13112212	13243388	13277414	13211005	0.66	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:08:01	DataFile Name :	028CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2882039	2887983	2920167	2896730	0.71	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	175	183	175	4.76	cps
Antimony	121-1	17211	16085	15434	16243	5.54	cps
Arsenic	75-2	74	87	91	84	10.42	cps
Barium	135-1	158	183	183	175	8.25	cps
Barium	137-1	433	267	258	319	30.90	cps
Beryllium	9-1	133	122	189	148	24.11	cps
Bismuth	209-1	9258912	9283594	9189074	9243860	0.53	cps
Bismuth	209-2	5557383	5638817	5570900	5589033	0.78	cps
Boron	10-1	1558	1900	1450	1636	14.36	cps
Boron	11-1	9820	7777	8136	8578	12.72	cps
Cadmium	111-1	2806	2797	2977	2860	3.54	cps
Cadmium	106-1	3826	3826	4134	3928	4.53	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	717	692	567	658	12.21	cps
Calcium	44-1	235833	235655	233331	234939	0.59	cps
Chromium	52-2	2427	2370	2410	2402	1.21	cps
Cobalt	59-2	127	143	93	121	21.02	cps
Copper	63-2	2484	2457	2194	2378	6.74	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	83	50	53	55.46	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	108	158	133	133	18.75	cps
Gadolinium	160-2	120	127	130	126	4.06	cps
Holmium	165-1	13589607	13646284	13516797	13584229	0.48	cps
Holmium	165-2	7205654	7206946	7166876	7193159	0.32	cps
Indium	115-1	11114726	11193429	11196531	11168229	0.42	cps
Indium	115-2	2359486	2359806	2340098	2353130	0.48	cps
Iron	56-2	14602	14991	14168	14587	2.82	cps
Iron	57-2	561	500	517	526	6.01	cps
Lead	206-1	3389	3378	3045	3271	5.99	cps
Lead	207-1	2884	2661	2811	2786	4.07	cps
Lead	208-1	12869	12931	12770	12857	0.63	cps
Lithium	6-1	754042	759595	762572	758737	0.57	cps
Magnesium	24-2	825	792	758	792	4.21	cps
Manganese	55-2	73	97	90	87	13.87	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2800	2667	2617	2695	3.52	cps
Molybdenum	95-1	2842	2684	2442	2656	7.59	cps
Molybdenum	96-1	3492	3226	3276	3331	4.26	cps
Molybdenum	97-1	1942	1859	1392	1731	17.13	cps
Molybdenum	98-1	4551	4026	4301	4293	6.12	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	80	113	107	100	17.64	cps
Phosphorus	31-2	517	358	467	447	18.10	cps
Potassium	39-2	66408	62876	64383	64555	2.75	cps
Rhodium	103-1	10707896	10634743	10685010	10675883	0.35	cps
Rhodium	103-2	5233663	5262471	5224243	5240126	0.38	cps
Scandium	45-1	6287230	6272329	6316473	6292011	0.36	cps
Scandium	45-2	329777	332473	327286	329845	0.79	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	131	96	120	116	15.50	cps
Selenium	82-1	35	95	35	55	63.18	cps
Silicon	28-1	360632	355150	349559	355114	1.56	cps
Silver	109-1	575	458	408	481	17.80	cps
Silver	107-1	592	492	517	533	9.76	cps
Sodium	23-2	108265	104721	106383	106456	1.67	cps
Strontium	86-1	1200	1392	1325	1306	7.45	cps
Strontium	88-1	875	675	717	756	13.97	cps
Sulfur	34-1	535004	528564	534137	532568	0.66	cps
Terbium	159-1	14163427	14129347	14036084	14109619	0.47	cps
Terbium	159-2	7360566	7236939	7214685	7270730	1.08	cps
Thallium	203-1	2525	2359	2075	2320	9.81	cps
Thallium	205-1	6035	5935	4676	5549	13.65	cps
Tin	118-1	5185	5068	4718	4990	4.87	cps
Titanium	47-1	242	283	250	258	8.54	cps
Uranium	238-1	808	758	750	772	4.09	cps
Vanadium	51-2	60	43	50	51	16.42	cps
Yttrium	89-1	10990726	11157029	11124153	11090636	0.79	cps
Yttrium	89-2	1763344	1762895	1755978	1760739	0.23	cps
Zinc	66-2	473	447	440	453	3.89	cps
Zirconium	90-1	3075	3025	3117	3073	1.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:11:27	DataFile Name :	029CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	667	617	667	7.50	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12472	12297	12423	12397	0.73	cps
Antimony	121-1	81463	66056	55436	67652	19.34	cps
Arsenic	75-2	643	557	585	595	7.30	cps
Barium	135-1	110689	109345	110201	110078	0.62	cps
Barium	137-1	190938	194578	190786	192100	1.12	cps
Beryllium	9-1	122	122	100	115	11.18	cps
Bismuth	209-1	10098622	10093280	10080359	10090754	0.09	cps
Bismuth	209-2	5239653	5239940	5230815	5236802	0.10	cps
Boron	10-1	7919	7419	7385	7574	3.95	cps
Boron	11-1	40739	40948	39060	40249	2.57	cps
Cadmium	111-1	4233	4641	4353	4409	4.76	cps
Cadmium	106-1	3159	3217	3284	3220	1.94	cps
Cadmium	108-1	183	158	196	179	10.66	cps
Calcium	43-1	735064	726626	717637	726442	1.20	cps
Calcium	44-1	12135744	11938667	11765917	11946776	1.55	cps
Chromium	52-2	6782	6815	6598	6732	1.73	cps
Cobalt	59-2	1760	1700	1673	1711	2.59	cps
Copper	63-2	29333	28996	29276	29202	0.62	cps
Dysprosium	156-1	892	875	800	856	5.71	cps
Dysprosium	156-2	403	363	400	389	5.71	cps
Erbium	164-1	517	658	550	575	12.88	cps
Erbium	164-2	270	243	280	264	7.17	cps
Gadolinium	160-1	1075	1000	933	1003	7.07	cps
Gadolinium	160-2	493	547	473	504	7.52	cps
Holmium	165-1	13419868	13484897	13429117	13444627	0.26	cps
Holmium	165-2	6434974	6380622	6378259	6397952	0.50	cps
Indium	115-1	13017472	13127317	13034342	13059710	0.45	cps
Indium	115-2	2329316	2324965	2313642	2322641	0.35	cps
Iron	56-2	937520	942754	952474	944249	0.80	cps
Iron	57-2	24443	25378	25439	25087	2.23	cps
Lead	206-1	24223	23165	23171	23519	2.59	cps
Lead	207-1	21774	20667	19676	20705	5.07	cps
Lead	208-1	98144	93051	90828	94007	3.99	cps
Lithium	6-1	855270	855491	848427	853063	0.47	cps
Magnesium	24-2	2026571	2024275	2042647	2031165	0.49	cps
Manganese	55-2	77242	77339	78277	77619	0.74	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8736	7953	7219	7969	9.52	cps
Molybdenum	95-1	7227	7110	6885	7074	2.46	cps
Molybdenum	96-1	7886	8411	8069	8122	3.28	cps
Molybdenum	97-1	4584	4067	4218	4290	6.20	cps
Molybdenum	98-1	11272	11855	11272	11466	2.94	cps
Neodymium	150-1	840	760	847	816	5.91	cps
Neodymium	150-2	320	260	230	270	16.97	cps
Nickel	60-2	2650	2627	2507	2595	2.96	cps
Phosphorus	31-2	1292	1067	1250	1203	9.95	cps
Potassium	39-2	806322	804283	810350	806985	0.38	cps
Rhodium	103-1	9776360	9808297	9858511	9814390	0.42	cps
Rhodium	103-2	4577090	4624649	4633297	4611679	0.66	cps
Scandium	45-1	5551809	5416329	5413721	5460620	1.45	cps
Scandium	45-2	263100	261569	263398	262689	0.37	cps
Selenium	77-2	53	33	53	47	24.75	cps
Selenium	78-2	104	98	89	97	7.72	cps
Selenium	82-1	20	122	59	67	76.76	cps
Silicon	28-1	8434462	8237339	8132035	8267945	1.86	cps
Silver	109-1	24322	21475	20457	22085	9.07	cps
Silver	107-1	24522	22276	21651	22816	6.62	cps
Sodium	23-2	12372080	12408724	12395840	12392215	0.15	cps
Strontium	86-1	446498	445784	440914	444398	0.68	cps
Strontium	88-1	3872470	3849151	3860642	3860754	0.30	cps
Sulfur	34-1	758046	747091	738901	748013	1.28	cps
Terbium	159-1	13652345	13622457	13758976	13677926	0.52	cps
Terbium	159-2	6488525	6362647	6497523	6449565	1.17	cps
Thallium	203-1	5151	3667	2475	3765	35.61	cps
Thallium	205-1	12415	8203	5985	8868	36.83	cps
Tin	118-1	105102	89511	80740	91784	13.44	cps
Titanium	47-1	7260	7552	7619	7477	2.55	cps
Uranium	238-1	6293	6485	6193	6324	2.35	cps
Vanadium	51-2	4154	4157	3994	4102	2.28	cps
Yttrium	89-1	10406329	10422025	10282316	10370223	0.74	cps
Yttrium	89-2	1447528	1439581	1452982	1446697	0.47	cps
Zinc	66-2	27914	27222	27256	27464	1.42	cps
Zirconium	90-1	10971	10671	9053	10232	10.08	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5486-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-SSW	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:14:52	DataFile Name :	030SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2284	2109	2100	2164	4.78	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7272792	7255499	7419312	7315868	1.23	cps
Antimony	121-1	27946	25892	26092	26643	4.25	cps
Arsenic	75-2	8856	8982	8907	8915	0.71	cps
Barium	135-1	1954431	1946040	1963564	1954678	0.45	cps
Barium	137-1	3402674	3414423	3425142	3414080	0.33	cps
Beryllium	9-1	4645	4495	4584	4575	1.65	cps
Bismuth	209-1	9712945	9839692	9947886	9833508	1.20	cps
Bismuth	209-2	5088181	5163662	5134234	5128692	0.74	cps
Boron	10-1	12589	13198	13190	12992	2.69	cps
Boron	11-1	67836	69151	68373	68453	0.97	cps
Cadmium	111-1	5567	5829	5460	5619	3.38	cps
Cadmium	106-1	4626	4768	4518	4637	2.70	cps
Cadmium	108-1	608	554	617	593	5.72	cps
Calcium	43-1	925435	924906	914604	921649	0.66	cps
Calcium	44-1	15127011	15273412	15119362	15173261	0.57	cps
Chromium	52-2	698510	698992	700172	699225	0.12	cps
Cobalt	59-2	287811	286811	289222	287948	0.42	cps
Copper	63-2	288418	288286	291146	289284	0.56	cps
Dysprosium	156-1	246903	244827	245701	245810	0.42	cps
Dysprosium	156-2	107526	108867	108256	108216	0.62	cps
Erbium	164-1	182741	181324	186498	183521	1.46	cps
Erbium	164-2	82970	84821	85790	84527	1.70	cps
Gadolinium	160-1	221963	221161	225888	223004	1.13	cps
Gadolinium	160-2	116362	116718	115935	116338	0.34	cps
Holmium	165-1	13596330	13634282	13857535	13696049	1.03	cps
Holmium	165-2	6276776	6426935	6374809	6359507	1.20	cps
Indium	115-1	12386849	12330845	12299711	12339135	0.36	cps
Indium	115-2	2133000	2166694	2162080	2153925	0.85	cps
Iron	56-2	391128220	394282953	392220509	392543894	0.41	cps
Iron	57-2	9891516	9790665	9813382	9831854	0.54	cps
Lead	206-1	543684	543221	547785	544897	0.46	cps
Lead	207-1	443514	442819	444154	443496	0.15	cps
Lead	208-1	2095926	2098852	2112214	2102331	0.41	cps
Lithium	6-1	715372	713491	727914	718926	1.09	cps
Magnesium	24-2	8124060	8214672	8302157	8213630	1.08	cps
Manganese	55-2	4614908	4625058	4614900	4618289	0.13	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	171669	172599	171334	171867	0.38	cps
Molybdenum	95-1	25282	25782	26016	25693	1.46	cps
Molybdenum	96-1	55409	56388	54739	55512	1.49	cps
Molybdenum	97-1	16210	16235	16802	16416	2.04	cps
Molybdenum	98-1	39949	41010	41938	40966	2.43	cps
Neodymium	150-1	407934	408199	409249	408461	0.17	cps
Neodymium	150-2	150287	149229	150858	150125	0.55	cps
Nickel	60-2	180751	180351	179844	180316	0.25	cps
Phosphorus	31-2	13849	13523	13574	13648	1.28	cps
Potassium	39-2	3963096	3957520	3948972	3956529	0.18	cps
Rhodium	103-1	9765836	9772723	9740024	9759528	0.18	cps
Rhodium	103-2	4444048	4530573	4518665	4497762	1.04	cps
Scandium	45-1	5886594	5887665	5782866	5852375	1.03	cps
Scandium	45-2	278250	282275	279957	280161	0.72	cps
Selenium	77-2	497	597	523	539	9.61	cps
Selenium	78-2	385	383	372	380	1.84	cps
Selenium	82-1	359	395	243	332	23.95	cps
Silicon	28-1	331855482	331710257	332268307	331944682	0.09	cps
Silver	109-1	16802	16143	15684	16210	3.47	cps
Silver	107-1	17586	17169	16694	17150	2.60	cps
Sodium	23-2	12806632	12901200	12859526	12855786	0.37	cps
Strontium	86-1	778985	773646	775262	775964	0.35	cps
Strontium	88-1	6773205	6812712	6818477	6801465	0.36	cps
Sulfur	34-1	660044	642023	630176	644081	2.34	cps
Terbium	159-1	13924031	14155569	14298818	14126140	1.34	cps
Terbium	159-2	6233827	6422034	6359919	6338593	1.51	cps
Thallium	203-1	8028	8345	8878	8417	5.11	cps
Thallium	205-1	20901	19716	20516	20378	2.97	cps
Tin	118-1	89669	87052	87454	88059	1.60	cps
Titanium	47-1	4413809	4442930	4407143	4421294	0.43	cps
Uranium	238-1	312312	315274	318593	315393	1.00	cps
Vanadium	51-2	451678	447898	449509	449695	0.42	cps
Yttrium	89-1	12346886	12312507	12378884	12346093	0.27	cps
Yttrium	89-2	1673481	1691692	1706731	1690635	0.98	cps
Zinc	66-2	242866	245719	245326	244637	0.63	cps
Zirconium	90-1	425910	426410	427579	426633	0.20	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-01	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:18:18	DataFile Name :	031SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	96432	95778	95594	95935	0.46	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7495172	7453083	7470378	7472878	0.28	cps
Antimony	121-1	25023	25482	24931	25146	1.17	cps
Arsenic	75-2	9071	8884	9283	9079	2.20	cps
Barium	135-1	2045420	2026487	2041427	2037778	0.49	cps
Barium	137-1	3571832	3573136	3568110	3571026	0.07	cps
Beryllium	9-1	5029	4995	5084	5036	0.89	cps
Bismuth	209-1	9689975	9725964	9718043	9711328	0.19	cps
Bismuth	209-2	4991005	4991811	5012455	4998424	0.24	cps
Boron	10-1	13582	13473	13298	13451	1.06	cps
Boron	11-1	69728	71394	70105	70409	1.24	cps
Cadmium	111-1	5321	5313	5371	5335	0.60	cps
Cadmium	106-1	4401	4276	4484	4387	2.39	cps
Cadmium	108-1	508	508	538	518	3.25	cps
Calcium	43-1	914634	917226	908915	913592	0.47	cps
Calcium	44-1	14730199	14864947	14890042	14828396	0.58	cps
Chromium	52-2	719837	715874	718969	718227	0.29	cps
Cobalt	59-2	303659	301506	305148	303438	0.60	cps
Copper	63-2	300612	301347	300691	300883	0.13	cps
Dysprosium	156-1	261916	262257	263521	262565	0.32	cps
Dysprosium	156-2	114669	114062	114979	114570	0.41	cps
Erbium	164-1	197502	196301	198812	197538	0.64	cps
Erbium	164-2	87890	89302	89319	88837	0.92	cps
Gadolinium	160-1	236938	237296	241261	238498	1.01	cps
Gadolinium	160-2	123438	124146	123607	123731	0.30	cps
Holmium	165-1	13703577	13542450	13764976	13670334	0.84	cps
Holmium	165-2	6231586	6278720	6247061	6252456	0.38	cps
Indium	115-1	11874519	11909018	11884732	11889423	0.15	cps
Indium	115-2	2074282	2081546	2079017	2078282	0.18	cps
Iron	56-2	406240876	404746187	406804431	405930498	0.26	cps
Iron	57-2	10245386	10079594	10168756	10164578	0.82	cps
Lead	206-1	588462	576157	583695	582771	1.06	cps
Lead	207-1	478497	475910	476106	476838	0.30	cps
Lead	208-1	2260494	2239987	2257790	2252757	0.49	cps
Lithium	6-1	673611	669256	669739	670869	0.36	cps
Magnesium	24-2	8582243	8567119	8578338	8575900	0.09	cps
Manganese	55-2	4805859	4808502	4818963	4811108	0.14	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	161401	160280	158355	160012	0.96	cps
Molybdenum	95-1	27051	26684	26434	26723	1.16	cps
Molybdenum	96-1	54606	56974	54346	55309	2.62	cps
Molybdenum	97-1	16878	16927	16594	16800	1.07	cps
Molybdenum	98-1	42665	42932	42974	42857	0.39	cps
Neodymium	150-1	434076	433970	437590	435212	0.47	cps
Neodymium	150-2	157823	158339	159870	158677	0.67	cps
Nickel	60-2	187856	188356	187651	187954	0.19	cps
Phosphorus	31-2	14149	14149	14599	14299	1.82	cps
Potassium	39-2	3958959	3939558	3944502	3947673	0.26	cps
Rhodium	103-1	9457035	9398596	9469158	9441596	0.40	cps
Rhodium	103-2	4397627	4425733	4462417	4428592	0.73	cps
Scandium	45-1	5682803	5640330	5684355	5669163	0.44	cps
Scandium	45-2	271361	275394	271590	272782	0.83	cps
Selenium	77-2	490	473	607	523	13.88	cps
Selenium	78-2	376	406	367	383	5.31	cps
Selenium	82-1	304	412	554	423	29.61	cps
Silicon	28-1	319558990	318405582	320145082	319369885	0.28	cps
Silver	109-1	14133	13390	12990	13504	4.29	cps
Silver	107-1	15342	14541	14850	14911	2.71	cps
Sodium	23-2	12518683	12506562	12458728	12494658	0.25	cps
Strontium	86-1	766440	760436	763918	763598	0.39	cps
Strontium	88-1	6842106	6718276	6748922	6769768	0.95	cps
Sulfur	34-1	599405	598490	591557	596484	0.72	cps
Terbium	159-1	14039113	13907892	13938864	13961956	0.49	cps
Terbium	159-2	6339360	6255284	6255317	6283321	0.77	cps
Thallium	203-1	8987	9045	8787	8940	1.52	cps
Thallium	205-1	21852	21518	20316	21229	3.80	cps
Tin	118-1	81219	80480	77028	79576	2.81	cps
Titanium	47-1	4513422	4489594	4475602	4492872	0.43	cps
Uranium	238-1	340622	346048	343671	343447	0.79	cps
Vanadium	51-2	461124	456690	457358	458391	0.52	cps
Yttrium	89-1	12200357	12252042	12168398	12206933	0.35	cps
Yttrium	89-2	1660311	1664061	1670497	1664956	0.31	cps
Zinc	66-2	261497	262718	263736	262650	0.43	cps
Zirconium	90-1	396565	394959	391628	394384	0.64	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-02	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:21:46	DataFile Name :	032SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	89479	85899	89009	88129	2.21	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2237164	2243399	2243577	2241380	0.16	cps
Antimony	121-1	70226	73945	72496	72222	2.60	cps
Arsenic	75-2	12016	12118	12081	12072	0.43	cps
Barium	135-1	1297537	1302842	1310190	1303523	0.49	cps
Barium	137-1	2250263	2290682	2283601	2274849	0.95	cps
Beryllium	9-1	3995	4040	3828	3954	2.82	cps
Bismuth	209-1	9576030	9537050	9599253	9570778	0.33	cps
Bismuth	209-2	4918878	4969017	4972773	4953556	0.61	cps
Boron	10-1	9437	9612	9820	9623	2.00	cps
Boron	11-1	46891	49582	49139	48537	2.97	cps
Cadmium	111-1	21027	20922	20999	20983	0.26	cps
Cadmium	106-1	4726	4493	4701	4640	2.76	cps
Cadmium	108-1	1492	1383	1542	1472	5.50	cps
Calcium	43-1	619250	621810	624647	621902	0.43	cps
Calcium	44-1	10246793	10270476	10196645	10237971	0.37	cps
Chromium	52-2	1101437	1104545	1109185	1105056	0.35	cps
Cobalt	59-2	123659	124920	126079	124886	0.97	cps
Copper	63-2	743244	752251	753689	749728	0.76	cps
Dysprosium	156-1	86355	86088	85550	85998	0.48	cps
Dysprosium	156-2	38150	38521	38484	38385	0.53	cps
Erbium	164-1	74303	73859	73842	74001	0.35	cps
Erbium	164-2	33003	33331	33772	33369	1.16	cps
Gadolinium	160-1	81920	80697	81468	81361	0.76	cps
Gadolinium	160-2	41446	42081	42399	41975	1.16	cps
Holmium	165-1	13573577	13724315	13607263	13635052	0.58	cps
Holmium	165-2	6168369	6223151	6190579	6194033	0.44	cps
Indium	115-1	11738833	11566060	11760863	11688585	0.91	cps
Indium	115-2	2046733	2075556	2055575	2059288	0.72	cps
Iron	56-2	119739580	119963905	119581364	119761617	0.16	cps
Iron	57-2	2904799	2924287	2922068	2917051	0.37	cps
Lead	206-1	2880721	2900315	2911745	2897593	0.54	cps
Lead	207-1	2439324	2459953	2478161	2459146	0.79	cps
Lead	208-1	11378420	11427577	11453042	11419680	0.33	cps
Lithium	6-1	608839	615170	611316	611775	0.52	cps
Magnesium	24-2	2687565	2689950	2706100	2694538	0.37	cps
Manganese	55-2	3260381	3282059	3271173	3271204	0.33	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	66698	64848	66138	65895	1.44	cps
Molybdenum	95-1	40374	39422	40977	40258	1.95	cps
Molybdenum	96-1	51226	51184	50031	50814	1.34	cps
Molybdenum	97-1	25783	25090	24973	25282	1.73	cps
Molybdenum	98-1	64405	65442	64773	64873	0.81	cps
Neodymium	150-1	139056	138455	137695	138402	0.49	cps
Neodymium	150-2	49977	50479	50686	50381	0.72	cps
Nickel	60-2	79946	79668	80392	80002	0.46	cps
Phosphorus	31-2	16877	16635	17211	16907	1.71	cps
Potassium	39-2	1627956	1630112	1625841	1627970	0.13	cps
Rhodium	103-1	9536166	9505484	9434514	9492055	0.55	cps
Rhodium	103-2	4462373	4487523	4453168	4467688	0.40	cps
Scandium	45-1	5135414	5182569	5209049	5175678	0.72	cps
Scandium	45-2	253519	256411	254150	254693	0.60	cps
Selenium	77-2	220	177	257	218	18.39	cps
Selenium	78-2	230	194	241	222	10.91	cps
Selenium	82-1	457	430	487	458	6.25	cps
Silicon	28-1	157442929	156555916	155993053	156663966	0.47	cps
Silver	109-1	93299	91613	93450	92787	1.10	cps
Silver	107-1	95411	96200	94716	95443	0.78	cps
Sodium	23-2	11738252	11874970	11997132	11870118	1.09	cps
Strontium	86-1	559395	564651	564059	562702	0.51	cps
Strontium	88-1	4860733	4894461	4894363	4883186	0.40	cps
Sulfur	34-1	610720	607377	611609	609902	0.37	cps
Terbium	159-1	13625262	13824229	13712959	13720817	0.73	cps
Terbium	159-2	6138968	6214700	6176410	6176693	0.61	cps
Thallium	203-1	3717	3684	4076	3826	5.68	cps
Thallium	205-1	8795	9312	9387	9165	3.52	cps
Tin	118-1	238354	237456	235341	237050	0.65	cps
Titanium	47-1	2347609	2349753	2361450	2352938	0.32	cps
Uranium	238-1	178771	179867	177419	178686	0.69	cps
Vanadium	51-2	370652	372282	375965	372967	0.73	cps
Yttrium	89-1	10776611	10889570	10704673	10790285	0.86	cps
Yttrium	89-2	1473971	1490188	1468600	1477586	0.76	cps
Zinc	66-2	378684	384792	379578	381018	0.87	cps
Zirconium	90-1	118531	119088	116681	118100	1.07	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-03	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:25:14	DataFile Name :	033SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	26191	25991	26651	26278	1.29	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5143345	5209821	5197970	5183712	0.68	cps
Antimony	121-1	126526	123632	121002	123720	2.23	cps
Arsenic	75-2	29176	29485	29675	29445	0.86	cps
Barium	135-1	3120989	3144310	3097657	3120986	0.75	cps
Barium	137-1	5488518	5513727	5427360	5476535	0.81	cps
Beryllium	9-1	11744	11332	11121	11399	2.78	cps
Bismuth	209-1	9818620	9929400	9811961	9853327	0.67	cps
Bismuth	209-2	4971822	5022895	5006932	5000550	0.52	cps
Boron	10-1	11288	11355	11997	11546	3.39	cps
Boron	11-1	58723	60388	59627	59579	1.40	cps
Cadmium	111-1	79539	80227	79980	79915	0.44	cps
Cadmium	106-1	10321	10604	10938	10621	2.91	cps
Cadmium	108-1	5622	5851	5856	5776	2.31	cps
Calcium	43-1	696379	700962	692989	696777	0.57	cps
Calcium	44-1	11427288	11460835	11382046	11423390	0.35	cps
Chromium	52-2	2515864	2535881	2549141	2533628	0.66	cps
Cobalt	59-2	294600	296136	296253	295663	0.31	cps
Copper	63-2	2410726	2431736	2440841	2427768	0.64	cps
Dysprosium	156-1	215231	216416	209596	213748	1.70	cps
Dysprosium	156-2	94160	95170	95334	94888	0.67	cps
Erbium	164-1	188690	189693	187975	188786	0.46	cps
Erbium	164-2	84965	84455	84338	84586	0.39	cps
Gadolinium	160-1	203516	203415	205299	204077	0.52	cps
Gadolinium	160-2	104296	105891	104991	105059	0.76	cps
Holmium	165-1	13755260	13683884	13709800	13716314	0.26	cps
Holmium	165-2	6150651	6277616	6235829	6221365	1.04	cps
Indium	115-1	11725747	11882485	11537201	11715144	1.48	cps
Indium	115-2	2015338	2043423	2030396	2029719	0.69	cps
Iron	56-2	262748823	262002928	261923750	262225167	0.17	cps
Iron	57-2	6530693	6595789	6644170	6590217	0.86	cps
Lead	206-1	9898975	10102521	9881728	9961075	1.23	cps
Lead	207-1	8522759	8551901	8576906	8550522	0.32	cps
Lead	208-1	38744425	39200708	39055019	39000050	0.60	cps
Lithium	6-1	578284	576470	575566	576773	0.24	cps
Magnesium	24-2	3801494	3848580	3829002	3826358	0.62	cps
Manganese	55-2	6023785	5966084	6006947	5998939	0.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	130745	133756	132015	132172	1.14	cps
Molybdenum	95-1	63659	63969	63416	63682	0.44	cps
Molybdenum	96-1	85230	86009	85791	85677	0.47	cps
Molybdenum	97-1	39965	39347	41077	40130	2.18	cps
Molybdenum	98-1	104725	103013	103499	103746	0.85	cps
Neodymium	150-1	325827	332882	323405	327371	1.50	cps
Neodymium	150-2	118164	117841	120087	118697	1.02	cps
Nickel	60-2	184248	183694	186573	184838	0.83	cps
Phosphorus	31-2	40949	41007	41241	41066	0.38	cps
Potassium	39-2	1974128	1997610	1987017	1986251	0.59	cps
Rhodium	103-1	9469064	9514230	9544311	9509202	0.40	cps
Rhodium	103-2	4432140	4457186	4441517	4443614	0.28	cps
Scandium	45-1	5331783	5430003	5299886	5353891	1.27	cps
Scandium	45-2	259454	259407	258303	259055	0.25	cps
Selenium	77-2	547	403	490	480	15.04	cps
Selenium	78-2	359	341	372	357	4.43	cps
Selenium	82-1	636	720	689	682	6.20	cps
Silicon	28-1	236527472	237987980	235209647	236575033	0.59	cps
Silver	109-1	253566	250397	253318	252427	0.70	cps
Silver	107-1	264087	260487	258047	260874	1.16	cps
Sodium	23-2	11732473	11777235	11866390	11792033	0.58	cps
Strontium	86-1	750167	762490	749083	753913	0.99	cps
Strontium	88-1	6678118	6766327	6622204	6688883	1.09	cps
Sulfur	34-1	659977	662537	655267	659260	0.56	cps
Terbium	159-1	14023655	13871912	13919349	13938305	0.56	cps
Terbium	159-2	6126284	6217081	6197936	6180434	0.77	cps
Thallium	203-1	8778	8628	9178	8862	3.21	cps
Thallium	205-1	19807	21068	20300	20392	3.12	cps
Tin	118-1	626162	626542	622464	625056	0.36	cps
Titanium	47-1	4380482	4403381	4349900	4377921	0.61	cps
Uranium	238-1	465260	473743	466589	468531	0.97	cps
Vanadium	51-2	646404	649574	650082	648687	0.31	cps
Yttrium	89-1	12184758	12248745	12026191	12153231	0.94	cps
Yttrium	89-2	1641365	1659712	1645295	1648791	0.59	cps
Zinc	66-2	1417701	1433544	1430462	1427235	0.59	cps
Zirconium	90-1	260877	260041	259530	260149	0.26	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-04	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:28:42	DataFile Name :	034SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	57918	57951	58638	58169	0.70	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160664	164875	164302	163280	1.40	cps
Antimony	121-1	26802	25458	25808	26022	2.68	cps
Arsenic	75-2	1102	1178	1165	1148	3.54	cps
Barium	135-1	437311	437078	445133	439840	1.04	cps
Barium	137-1	769489	769339	775370	771399	0.45	cps
Beryllium	9-1	322	389	372	361	9.61	cps
Bismuth	209-1	9610590	9619030	9636277	9621965	0.14	cps
Bismuth	209-2	4881424	4940764	4942004	4921397	0.70	cps
Boron	10-1	8469	8703	8228	8467	2.81	cps
Boron	11-1	43739	44650	44885	44425	1.36	cps
Cadmium	111-1	5009	4969	4976	4985	0.42	cps
Cadmium	106-1	2917	3100	3067	3028	3.23	cps
Cadmium	108-1	221	204	221	215	4.47	cps
Calcium	43-1	273493	275453	275060	274668	0.38	cps
Calcium	44-1	4557852	4605476	4596840	4586722	0.55	cps
Chromium	52-2	13973	14254	14617	14282	2.26	cps
Cobalt	59-2	11712	11858	11772	11780	0.63	cps
Copper	63-2	55850	57108	57205	56721	1.33	cps
Dysprosium	156-1	28472	29057	28631	28720	1.05	cps
Dysprosium	156-2	12536	12880	12539	12652	1.56	cps
Erbium	164-1	21309	21484	21860	21551	1.31	cps
Erbium	164-2	9490	9934	9390	9605	3.01	cps
Gadolinium	160-1	25224	26668	27203	26365	3.88	cps
Gadolinium	160-2	13904	13690	13827	13807	0.78	cps
Holmium	165-1	13321814	13368026	13679799	13456546	1.45	cps
Holmium	165-2	6148484	6166565	6168452	6161167	0.18	cps
Indium	115-1	11751133	11746128	11939543	11812268	0.93	cps
Indium	115-2	2026145	2051473	2045217	2040945	0.65	cps
Iron	56-2	13790019	13833481	13725974	13783158	0.39	cps
Iron	57-2	336157	338400	336734	337097	0.35	cps
Lead	206-1	74530	72446	74123	73700	1.50	cps
Lead	207-1	61688	61620	61398	61569	0.25	cps
Lead	208-1	287333	285284	287102	286573	0.39	cps
Lithium	6-1	549948	547936	547088	548324	0.27	cps
Magnesium	24-2	713882	724002	723210	720364	0.78	cps
Manganese	55-2	622118	622784	621020	621974	0.14	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13807	14066	15284	14386	5.48	cps
Molybdenum	95-1	15084	15409	15359	15284	1.15	cps
Molybdenum	96-1	17186	17228	17937	17450	2.42	cps
Molybdenum	97-1	9704	9612	9804	9706	0.99	cps
Molybdenum	98-1	24230	25056	26183	25157	3.90	cps
Neodymium	150-1	43583	44981	45609	44725	2.32	cps
Neodymium	150-2	15859	15682	16146	15896	1.47	cps
Nickel	60-2	8066	8056	8186	8102	0.89	cps
Phosphorus	31-2	1992	2059	2050	2034	1.79	cps
Potassium	39-2	573467	581468	584164	579700	0.96	cps
Rhodium	103-1	9656838	9573036	9646032	9625302	0.47	cps
Rhodium	103-2	4477816	4538161	4502536	4506171	0.67	cps
Scandium	45-1	4935383	4923469	4984513	4947788	0.65	cps
Scandium	45-2	243800	245934	246611	245448	0.60	cps
Selenium	77-2	83	80	93	86	8.11	cps
Selenium	78-2	113	102	113	109	5.87	cps
Selenium	82-1	88	48	78	71	28.89	cps
Silicon	28-1	16226080	16381317	16232640	16280012	0.54	cps
Silver	109-1	7928	7419	8028	7791	4.19	cps
Silver	107-1	8370	8653	7861	8294	4.84	cps
Sodium	23-2	5700225	5778202	5754912	5744446	0.70	cps
Strontium	86-1	200099	200802	203524	201475	0.90	cps
Strontium	88-1	1745538	1748091	1770068	1754566	0.77	cps
Sulfur	34-1	378345	378030	374635	377003	0.55	cps
Terbium	159-1	13722941	13934739	13945581	13867754	0.91	cps
Terbium	159-2	6146116	6159018	6132187	6145773	0.22	cps
Thallium	203-1	250	342	317	303	15.65	cps
Thallium	205-1	750	775	883	803	8.83	cps
Tin	118-1	30008	29958	30300	30089	0.61	cps
Titanium	47-1	60926	62585	61161	61557	1.46	cps
Uranium	238-1	43875	44134	44210	44073	0.40	cps
Vanadium	51-2	14491	14511	14741	14581	0.95	cps
Yttrium	89-1	10118452	10173697	10249762	10180637	0.65	cps
Yttrium	89-2	1360812	1383417	1386616	1376948	1.02	cps
Zinc	66-2	77746	78094	78111	77984	0.26	cps
Zirconium	90-1	14566	14308	14074	14316	1.72	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-05	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-A-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:32:09	DataFile Name :	035SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3226	3342	3009	3192	5.30	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126263	127288	126247	126599	0.47	cps
Antimony	121-1	28655	27770	25866	27430	5.20	cps
Arsenic	75-2	941	1020	1052	1004	5.70	cps
Barium	135-1	396248	393215	395608	395024	0.40	cps
Barium	137-1	683965	687459	684928	685451	0.26	cps
Beryllium	9-1	328	439	311	359	19.34	cps
Bismuth	209-1	9717958	9649747	9761047	9709584	0.58	cps
Bismuth	209-2	4832033	4931891	4928570	4897498	1.16	cps
Boron	10-1	7460	7761	7911	7711	2.97	cps
Boron	11-1	39469	39394	40856	39906	2.06	cps
Cadmium	111-1	4611	4666	4319	4532	4.11	cps
Cadmium	106-1	3000	3059	2717	2925	6.25	cps
Cadmium	108-1	229	233	167	210	17.81	cps
Calcium	43-1	244971	246420	248418	246603	0.70	cps
Calcium	44-1	4103872	4084604	4119988	4102821	0.43	cps
Chromium	52-2	13083	12752	12692	12842	1.64	cps
Cobalt	59-2	10054	10357	10160	10190	1.51	cps
Copper	63-2	49326	50453	50761	50180	1.51	cps
Dysprosium	156-1	26034	25692	26209	25978	1.01	cps
Dysprosium	156-2	10794	11548	11285	11209	3.41	cps
Erbium	164-1	19915	19590	19239	19581	1.73	cps
Erbium	164-2	8706	8890	8369	8655	3.05	cps
Gadolinium	160-1	23555	23722	23212	23496	1.11	cps
Gadolinium	160-2	11849	12232	12376	12152	2.24	cps
Holmium	165-1	13680699	13673395	13655078	13669724	0.10	cps
Holmium	165-2	6067507	6180195	6177289	6141664	1.05	cps
Indium	115-1	11924230	11917408	11769009	11870216	0.74	cps
Indium	115-2	2012403	2033045	2044531	2029993	0.80	cps
Iron	56-2	11529654	11756840	11715271	11667255	1.04	cps
Iron	57-2	282532	284451	284612	283865	0.41	cps
Lead	206-1	65199	66326	65852	65792	0.86	cps
Lead	207-1	54579	53821	54423	54274	0.74	cps
Lead	208-1	254465	253458	255937	254620	0.49	cps
Lithium	6-1	526978	531058	530414	529484	0.41	cps
Magnesium	24-2	622518	628713	623640	624957	0.53	cps
Manganese	55-2	550920	555189	552455	552855	0.39	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12097	11972	11355	11808	3.37	cps
Molybdenum	95-1	13590	13599	13490	13560	0.45	cps
Molybdenum	96-1	15709	14708	15058	15159	3.35	cps
Molybdenum	97-1	8244	8586	8353	8395	2.08	cps
Molybdenum	98-1	21375	21842	22118	21779	1.72	cps
Neodymium	150-1	39885	39070	38173	39043	2.19	cps
Neodymium	150-2	14344	14708	14388	14480	1.37	cps
Nickel	60-2	6785	7038	7068	6964	2.24	cps
Phosphorus	31-2	1625	1717	1759	1700	4.01	cps
Potassium	39-2	504595	513338	509143	509025	0.86	cps
Rhodium	103-1	9724714	9688796	9640211	9684573	0.44	cps
Rhodium	103-2	4431431	4521156	4532269	4494952	1.23	cps
Scandium	45-1	4924359	4996162	5025923	4982148	1.05	cps
Scandium	45-2	244231	247465	246964	246220	0.71	cps
Selenium	77-2	73	107	53	78	34.65	cps
Selenium	78-2	94	98	111	101	8.64	cps
Selenium	82-1	148	69	99	105	37.97	cps
Silicon	28-1	12266619	12361233	12462890	12363581	0.79	cps
Silver	109-1	8803	7536	7811	8050	8.28	cps
Silver	107-1	7861	8078	7269	7736	5.41	cps
Sodium	23-2	5190499	5175801	5170188	5178829	0.20	cps
Strontium	86-1	181204	179863	181169	180746	0.42	cps
Strontium	88-1	1557528	1561341	1562598	1560489	0.17	cps
Sulfur	34-1	364003	361899	361905	362602	0.33	cps
Terbium	159-1	13901666	14016557	13760876	13893033	0.92	cps
Terbium	159-2	6096466	6175551	6156533	6142850	0.67	cps
Thallium	203-1	292	267	283	281	4.54	cps
Thallium	205-1	608	658	700	656	7.00	cps
Tin	118-1	26902	27703	27645	27416	1.63	cps
Titanium	47-1	41649	42507	41693	41950	1.15	cps
Uranium	238-1	39419	39010	39177	39202	0.52	cps
Vanadium	51-2	12852	12889	12976	12906	0.49	cps
Yttrium	89-1	10247186	10292003	10239616	10259602	0.28	cps
Yttrium	89-2	1363755	1380175	1379844	1374591	0.68	cps
Zinc	66-2	69246	69799	70579	69875	0.96	cps
Zirconium	90-1	10112	10104	10112	10110	0.05	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-06	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-DUP-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:35:35	DataFile Name :	036SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2242	2259	2084	2195	4.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138327	139824	139530	139227	0.57	cps
Antimony	121-1	52708	51194	51077	51660	1.76	cps
Arsenic	75-2	3189	3221	3413	3274	3.71	cps
Barium	135-1	403121	409140	406323	406194	0.74	cps
Barium	137-1	703505	710615	717773	710631	1.00	cps
Beryllium	9-1	611	622	700	644	7.51	cps
Bismuth	209-1	9232023	9385172	9237796	9284997	0.93	cps
Bismuth	209-2	4720885	4765820	4755741	4747482	0.50	cps
Boron	10-1	7394	7752	7919	7688	3.49	cps
Boron	11-1	37564	39828	39971	39121	3.45	cps
Cadmium	111-1	10561	10569	10296	10475	1.48	cps
Cadmium	106-1	3992	3576	3259	3609	10.19	cps
Cadmium	108-1	558	654	583	599	8.30	cps
Calcium	43-1	455256	458560	447472	453762	1.25	cps
Calcium	44-1	7499885	7468244	7507633	7491921	0.28	cps
Chromium	52-2	139603	140643	140092	140113	0.37	cps
Cobalt	59-2	17447	17197	17794	17480	1.72	cps
Copper	63-2	256093	254844	254700	255212	0.30	cps
Dysprosium	156-1	14308	15192	14517	14672	3.15	cps
Dysprosium	156-2	6448	6622	6528	6533	1.33	cps
Erbium	164-1	12556	12731	12590	12626	0.74	cps
Erbium	164-2	5761	5575	5691	5676	1.66	cps
Gadolinium	160-1	13741	13924	14283	13983	1.97	cps
Gadolinium	160-2	6992	7189	7496	7225	3.51	cps
Holmium	165-1	13372133	13553690	13490221	13472015	0.68	cps
Holmium	165-2	6142764	6150168	6128672	6140535	0.18	cps
Indium	115-1	11427032	11411159	11529688	11455960	0.56	cps
Indium	115-2	2005369	2008685	2026030	2013361	0.55	cps
Iron	56-2	9670367	9783482	9647967	9700605	0.75	cps
Iron	57-2	237020	235245	236932	236399	0.42	cps
Lead	206-1	579411	581323	570304	577013	1.02	cps
Lead	207-1	487495	491289	490366	489717	0.40	cps
Lead	208-1	2265462	2285073	2257464	2269333	0.63	cps
Lithium	6-1	491949	489893	485555	489132	0.67	cps
Magnesium	24-2	1301870	1301396	1305779	1303015	0.18	cps
Manganese	55-2	1087488	1096664	1091804	1091985	0.42	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26559	27252	26175	26662	2.05	cps
Molybdenum	95-1	27862	28671	28204	28246	1.44	cps
Molybdenum	96-1	30642	31377	31227	31082	1.25	cps
Molybdenum	97-1	16852	17778	17545	17392	2.77	cps
Molybdenum	98-1	44872	45800	45800	45490	1.18	cps
Neodymium	150-1	21851	23234	22559	22548	3.07	cps
Neodymium	150-2	8179	8223	8143	8181	0.49	cps
Nickel	60-2	29019	29880	30231	29710	2.10	cps
Phosphorus	31-2	3951	3617	3667	3745	4.80	cps
Potassium	39-2	864641	869832	879704	871392	0.88	cps
Rhodium	103-1	9399128	9645740	9544485	9529784	1.30	cps
Rhodium	103-2	4443729	4464812	4483279	4463940	0.44	cps
Scandium	45-1	4994158	5058410	4982887	5011818	0.81	cps
Scandium	45-2	252091	254681	253818	253530	0.52	cps
Selenium	77-2	90	40	90	73	39.36	cps
Selenium	78-2	93	117	113	107	12.07	cps
Selenium	82-1	120	178	142	147	20.04	cps
Silicon	28-1	14984941	15133129	14981453	15033174	0.58	cps
Silver	109-1	8203	8236	7978	8139	1.73	cps
Silver	107-1	8153	8036	8228	8139	1.19	cps
Sodium	23-2	79095850	79502556	78880116	79159507	0.40	cps
Strontium	86-1	338909	340230	341519	340219	0.38	cps
Strontium	88-1	2921601	2981042	2956103	2952915	1.01	cps
Sulfur	34-1	523634	524319	524649	524201	0.10	cps
Terbium	159-1	13605255	13957754	13715888	13759632	1.31	cps
Terbium	159-2	6058525	6122484	6152523	6111177	0.79	cps
Thallium	203-1	617	533	558	569	7.51	cps
Thallium	205-1	1217	1142	1142	1167	3.71	cps
Tin	118-1	60704	34778	34795	43425	34.46	cps
Titanium	47-1	265450	267683	263608	265580	0.77	cps
Uranium	238-1	40548	39511	38851	39637	2.16	cps
Vanadium	51-2	77925	78243	78621	78263	0.45	cps
Yttrium	89-1	10153055	10229236	10226777	10203023	0.42	cps
Yttrium	89-2	1393054	1399652	1404231	1398979	0.40	cps
Zinc	66-2	136747	138277	137382	137468	0.56	cps
Zirconium	90-1	27210	27085	28187	27494	2.19	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-07	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-B-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:39:02	DataFile Name :	037SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6277	5901	6018	6066	3.17	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68661	69630	70443	69578	1.28	cps
Antimony	121-1	83414	81311	80624	81783	1.78	cps
Arsenic	75-2	3645	3573	3678	3632	1.49	cps
Barium	135-1	122143	118839	118805	119929	1.60	cps
Barium	137-1	209000	208943	210144	209362	0.32	cps
Beryllium	9-1	156	244	228	209	22.58	cps
Bismuth	209-1	9563865	9644956	9613571	9607464	0.43	cps
Bismuth	209-2	4866364	4907934	4902739	4892346	0.46	cps
Boron	10-1	5818	5668	6260	5915	5.20	cps
Boron	11-1	29997	31175	30849	30674	1.98	cps
Cadmium	111-1	6639	6933	6611	6728	2.66	cps
Cadmium	106-1	2967	2809	2709	2828	4.61	cps
Cadmium	108-1	371	346	338	351	4.94	cps
Calcium	43-1	293050	289804	294970	292608	0.89	cps
Calcium	44-1	4851436	4848702	4880146	4860095	0.36	cps
Chromium	52-2	39046	38494	38657	38732	0.73	cps
Cobalt	59-2	7169	7145	7335	7216	1.44	cps
Copper	63-2	88922	88998	88697	88872	0.18	cps
Dysprosium	156-1	2784	2517	2617	2639	5.11	cps
Dysprosium	156-2	1193	1133	1173	1167	2.62	cps
Erbium	164-1	2234	2067	2359	2220	6.59	cps
Erbium	164-2	953	1127	1057	1046	8.34	cps
Gadolinium	160-1	2875	2717	2592	2728	5.21	cps
Gadolinium	160-2	1403	1430	1493	1442	3.21	cps
Holmium	165-1	13645692	13631495	13578549	13618579	0.26	cps
Holmium	165-2	6115843	6190808	6176547	6161066	0.65	cps
Indium	115-1	11782716	11675122	11827486	11761775	0.67	cps
Indium	115-2	2034726	2041565	2042774	2039689	0.21	cps
Iron	56-2	3118361	3146830	3151602	3138931	0.57	cps
Iron	57-2	78225	79308	79208	78914	0.76	cps
Lead	206-1	124684	124932	124538	124718	0.16	cps
Lead	207-1	106731	105359	106081	106057	0.65	cps
Lead	208-1	490347	490543	490283	490391	0.03	cps
Lithium	6-1	505714	507913	501508	505045	0.64	cps
Magnesium	24-2	839951	855710	851555	849072	0.96	cps
Manganese	55-2	650548	656679	654020	653749	0.47	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22443	23003	23654	23033	2.63	cps
Molybdenum	95-1	31227	31235	30993	31152	0.44	cps
Molybdenum	96-1	34158	33766	33624	33849	0.82	cps
Molybdenum	97-1	19906	19664	18730	19433	3.20	cps
Molybdenum	98-1	50298	49587	51034	50307	1.44	cps
Neodymium	150-1	3787	3954	3894	3878	2.18	cps
Neodymium	150-2	1460	1480	1307	1416	6.70	cps
Nickel	60-2	9913	10210	10184	10103	1.63	cps
Phosphorus	31-2	1417	1383	1033	1278	16.62	cps
Potassium	39-2	571865	573997	579491	575117	0.68	cps
Rhodium	103-1	9766882	9823032	9788103	9792672	0.29	cps
Rhodium	103-2	4565937	4556546	4577096	4566526	0.23	cps
Scandium	45-1	5112227	5092838	5007517	5070861	1.10	cps
Scandium	45-2	253212	252076	253184	252824	0.26	cps
Selenium	77-2	63	43	50	52	19.50	cps
Selenium	78-2	98	117	87	101	14.88	cps
Selenium	82-1	84	41	226	117	82.27	cps
Silicon	28-1	12744789	12413125	12673266	12610393	1.38	cps
Silver	109-1	9779	9679	9278	9579	2.76	cps
Silver	107-1	10421	10029	10096	10182	2.06	cps
Sodium	23-2	7862734	7809928	7862184	7844949	0.39	cps
Strontium	86-1	219919	220180	215231	218443	1.27	cps
Strontium	88-1	1905494	1916937	1886994	1903142	0.79	cps
Sulfur	34-1	472429	467860	476868	472386	0.95	cps
Terbium	159-1	13918655	14104176	14001479	14008103	0.66	cps
Terbium	159-2	6170707	6180532	6193353	6181531	0.18	cps
Thallium	203-1	425	508	375	436	15.45	cps
Thallium	205-1	983	983	1125	1031	7.94	cps
Tin	118-1	35738	36047	35187	35657	1.22	cps
Titanium	47-1	71189	69632	71367	70729	1.35	cps
Uranium	238-1	7061	6994	7152	7069	1.13	cps
Vanadium	51-2	30806	30442	31344	30864	1.47	cps
Yttrium	89-1	10079849	10185736	10148001	10137862	0.53	cps
Yttrium	89-2	1372857	1374045	1384790	1377230	0.48	cps
Zinc	66-2	47129	46701	47206	47012	0.58	cps
Zirconium	90-1	14825	14550	13657	14344	4.26	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5496-08	Instrumnet Name :	P7
Client Sample ID :	PAMT-COMP-E-D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:42:28	DataFile Name :	038SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3134	3334	3159	3209	3.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3134	3392	2992	3173	6.39	cps
Antimony	121-1	23871	22536	22043	22817	4.15	cps
Arsenic	75-2	27910	28576	28458	28315	1.25	cps
Barium	135-1	126622	126867	126826	126771	0.10	cps
Barium	137-1	219382	220933	223624	221313	0.97	cps
Beryllium	9-1	44	56	67	56	20.00	cps
Bismuth	209-1	9515144	9477559	9670268	9554324	1.07	cps
Bismuth	209-2	4773339	4827212	4774731	4791761	0.64	cps
Boron	10-1	12797	12731	12939	12823	0.83	cps
Boron	11-1	66146	67568	66246	66653	1.19	cps
Cadmium	111-1	2113	1900	2172	2061	6.94	cps
Cadmium	106-1	2900	2609	2992	2834	7.07	cps
Cadmium	108-1	25	38	21	28	31.23	cps
Calcium	43-1	3055330	3041980	3069245	3055518	0.45	cps
Calcium	44-1	49514892	50077924	50126703	49906506	0.68	cps
Chromium	52-2	9650	10350	9907	9969	3.55	cps
Cobalt	59-2	577	600	637	604	5.00	cps
Copper	63-2	10878	10898	10878	10884	0.11	cps
Dysprosium	156-1	117	142	108	122	14.19	cps
Dysprosium	156-2	60	53	57	57	5.89	cps
Erbium	164-1	175	175	225	192	15.06	cps
Erbium	164-2	63	83	57	68	20.48	cps
Gadolinium	160-1	142	225	167	178	24.06	cps
Gadolinium	160-2	123	127	130	127	2.63	cps
Holmium	165-1	13799685	13756966	13980822	13845825	0.86	cps
Holmium	165-2	6149318	6199840	6227003	6192054	0.64	cps
Indium	115-1	11501680	11561955	11452629	11505421	0.48	cps
Indium	115-2	1971594	1958670	1969232	1966499	0.35	cps
Iron	56-2	6698673	6669267	6672405	6680115	0.24	cps
Iron	57-2	167253	166090	168731	167358	0.79	cps
Lead	206-1	6363	6418	6324	6368	0.75	cps
Lead	207-1	5624	5763	5985	5790	3.15	cps
Lead	208-1	25527	25282	25571	25460	0.61	cps
Lithium	6-1	488219	486410	478960	484530	1.01	cps
Magnesium	24-2	7757040	7815301	7812585	7794975	0.42	cps
Manganese	55-2	835103	835990	840899	837331	0.37	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1909	1775	1900	1861	4.01	cps
Molybdenum	95-1	1750	1650	1700	1700	2.94	cps
Molybdenum	96-1	2084	2192	2025	2100	4.03	cps
Molybdenum	97-1	1042	1017	1033	1031	1.24	cps
Molybdenum	98-1	2684	2959	2717	2787	5.39	cps
Neodymium	150-1	153	173	167	164	6.19	cps
Neodymium	150-2	63	43	67	58	21.85	cps
Nickel	60-2	1930	1910	1977	1939	1.76	cps
Phosphorus	31-2	892	875	942	903	3.84	cps
Potassium	39-2	1688170	1684984	1700589	1691248	0.49	cps
Rhodium	103-1	9602819	9460149	9733999	9598989	1.43	cps
Rhodium	103-2	4452356	4445373	4441912	4446547	0.12	cps
Scandium	45-1	4968904	4970753	4939731	4959796	0.35	cps
Scandium	45-2	245416	246774	246918	246369	0.34	cps
Selenium	77-2	10	20	30	20	50.00	cps
Selenium	78-2	93	81	59	78	21.82	cps
Selenium	82-1	42	-21	53	25	163.16	cps
Silicon	28-1	48311904	47929892	48387869	48209888	0.51	cps
Silver	109-1	6402	5210	5660	5757	10.46	cps
Silver	107-1	6110	6193	5743	6015	3.98	cps
Sodium	23-2	25368288	25365230	25402973	25378831	0.08	cps
Strontium	86-1	2194093	2182530	2182077	2186233	0.31	cps
Strontium	88-1	19267096	19386704	19321529	19325109	0.31	cps
Sulfur	34-1	441454	454824	465846	454041	2.69	cps
Terbium	159-1	14234324	14177745	14144001	14185357	0.32	cps
Terbium	159-2	6149241	6169277	6205744	6174754	0.46	cps
Thallium	203-1	150	75	108	111	33.82	cps
Thallium	205-1	308	183	200	231	29.44	cps
Tin	118-1	20976	20449	20090	20505	2.17	cps
Titanium	47-1	2767	2609	2650	2675	3.07	cps
Uranium	238-1	6168	6118	6377	6221	2.20	cps
Vanadium	51-2	1463	1263	1297	1341	7.99	cps
Yttrium	89-1	9975659	10088970	10014770	10026466	0.57	cps
Yttrium	89-2	1348676	1347685	1359862	1352075	0.50	cps
Zinc	66-2	5541	5678	5374	5531	2.75	cps
Zirconium	90-1	2250	2609	2609	2489	8.31	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-01	Instrumnet Name :	P7
Client Sample ID :	S32-0622	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 12:45:55	DataFile Name :	039SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	625	667	639	3.76	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7348841	7528246	7373346	7416811	1.31	cps
Antimony	121-1	7872637	7895064	7949395	7905699	0.50	cps
Arsenic	75-2	305747	308977	308631	307785	0.58	cps
Barium	135-1	8726802	8716206	8653379	8698796	0.46	cps
Barium	137-1	15360175	15382082	15397274	15379844	0.12	cps
Beryllium	9-1	750849	759920	762815	757861	0.82	cps
Bismuth	209-1	8548732	8529200	8676858	8584930	0.93	cps
Bismuth	209-2	5025027	5086846	5048668	5053514	0.62	cps
Boron	10-1	103561	107228	107891	106227	2.20	cps
Boron	11-1	546261	542078	553851	547397	1.09	cps
Cadmium	111-1	1833778	1837125	1843387	1838097	0.27	cps
Cadmium	106-1	204309	201715	204983	203669	0.85	cps
Cadmium	108-1	132235	133417	134628	133426	0.90	cps
Calcium	43-1	9578677	9588710	9586406	9584598	0.05	cps
Calcium	44-1	151840653	153338428	152619078	152599387	0.49	cps
Chromium	52-2	2471697	2500809	2477864	2483457	0.62	cps
Cobalt	59-2	3871772	3922040	3941454	3911755	0.92	cps
Copper	63-2	5906370	5715009	5712143	5777841	1.93	cps
Dysprosium	156-1	267	217	283	256	13.58	cps
Dysprosium	156-2	90	97	150	112	29.30	cps
Erbium	164-1	133	117	100	117	14.28	cps
Erbium	164-2	27	57	33	39	40.51	cps
Gadolinium	160-1	233	217	283	244	14.19	cps
Gadolinium	160-2	190	170	197	186	7.48	cps
Holmium	165-1	13699515	13576819	13870800	13715711	1.08	cps
Holmium	165-2	7017058	7127665	7112434	7085719	0.85	cps
Indium	115-1	10880724	10768072	10803940	10817579	0.53	cps
Indium	115-2	2224645	2225819	2232827	2227764	0.20	cps
Iron	56-2	516257167	522611945	519641723	519503612	0.61	cps
Iron	57-2	12972828	12885994	12951702	12936841	0.35	cps
Lead	206-1	5380182	5343412	5372594	5365396	0.36	cps
Lead	207-1	4852503	4856927	4894270	4867900	0.47	cps
Lead	208-1	22152099	21964543	22381226	22165956	0.94	cps
Lithium	6-1	637034	639328	639994	638785	0.24	cps
Magnesium	24-2	81613060	82872362	81697277	82060900	0.86	cps
Manganese	55-2	2723193	2748454	2730759	2734135	0.47	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7048260	7069966	7135026	7084418	0.64	cps
Molybdenum	95-1	3711929	3705056	3721908	3712964	0.23	cps
Molybdenum	96-1	4763084	4729824	4761404	4751437	0.39	cps
Molybdenum	97-1	2303322	2293079	2300227	2298876	0.23	cps
Molybdenum	98-1	6170382	6118460	6265787	6184876	1.21	cps
Neodymium	150-1	633	540	600	591	8.00	cps
Neodymium	150-2	67	63	70	67	5.00	cps
Nickel	60-2	1055660	1070117	1073432	1066403	0.89	cps
Phosphorus	31-2	88798	90139	90398	89778	0.96	cps
Potassium	39-2	43895247	44428807	44020800	44114951	0.63	cps
Rhodium	103-1	10140079	10053978	10093668	10095908	0.43	cps
Rhodium	103-2	4902999	4908214	4918451	4909888	0.16	cps
Scandium	45-1	6416923	6370749	6451795	6413156	0.63	cps
Scandium	45-2	345027	344908	343761	344565	0.20	cps
Selenium	77-2	5801	5875	5765	5813	0.96	cps
Selenium	78-2	19810	20136	20049	19998	0.84	cps
Selenium	82-1	111799	112238	112744	112260	0.42	cps
Silicon	28-1	4316752	4419706	4414716	4383725	1.32	cps
Silver	109-1	8942554	8730594	8883088	8852079	1.24	cps
Silver	107-1	9241928	9302332	9373005	9305755	0.70	cps
Sodium	23-2	150308445	149667733	147942453	149306210	0.82	cps
Strontium	86-1	2308482	2297598	2311453	2305844	0.32	cps
Strontium	88-1	20371951	20341977	20488980	20400969	0.38	cps
Sulfur	34-1	1097869	1111495	1108045	1105803	0.64	cps
Terbium	159-1	14078569	14114996	14188196	14127253	0.40	cps
Terbium	159-2	7213381	7161460	7165713	7180185	0.40	cps
Thallium	203-1	6529887	6627670	6677694	6611750	1.14	cps
Thallium	205-1	16217503	15939394	15985522	16047473	0.93	cps
Tin	118-1	5824388	6120394	5842825	5929202	2.80	cps
Titanium	47-1	957741	962501	969931	963391	0.64	cps
Uranium	238-1	23632854	23856090	24036632	23841858	0.85	cps
Vanadium	51-2	1973926	1991145	1969963	1978345	0.57	cps
Yttrium	89-1	11370637	11304777	11244810	11306741	0.56	cps
Yttrium	89-2	1772305	1766313	1784286	1774301	0.52	cps
Zinc	66-2	847885	858152	856595	854211	0.65	cps
Zirconium	90-1	13150841	13150613	13209153	13170202	0.26	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:08:50	DataFile Name :	043CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2864468	2838129	2875699	2859432	0.67	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	167	189	10.19	cps
Antimony	121-1	5451	5893	5927	5757	4.61	cps
Arsenic	75-2	59	61	52	57	8.54	cps
Barium	135-1	150	117	58	108	42.83	cps
Barium	137-1	133	183	150	156	16.37	cps
Beryllium	9-1	83	100	83	89	10.82	cps
Bismuth	209-1	9203393	9270053	9350489	9274645	0.79	cps
Bismuth	209-2	5402488	5486681	5507845	5465671	1.02	cps
Boron	10-1	958	967	967	964	0.50	cps
Boron	11-1	5193	5560	5260	5337	3.66	cps
Cadmium	111-1	2400	2517	2640	2519	4.77	cps
Cadmium	106-1	3334	3534	3709	3526	5.32	cps
Cadmium	108-1	13	33	8	18	74.19	cps
Calcium	43-1	667	692	658	672	2.58	cps
Calcium	44-1	204454	200542	201370	202122	1.02	cps
Chromium	52-2	2647	2594	2614	2618	1.03	cps
Cobalt	59-2	123	73	133	110	29.23	cps
Copper	63-2	2194	2324	2357	2291	3.77	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	167	117	183	156	22.30	cps
Gadolinium	160-2	87	143	133	121	24.97	cps
Holmium	165-1	13674851	13976500	14142643	13931331	1.70	cps
Holmium	165-2	7193844	7206675	7154808	7185109	0.38	cps
Indium	115-1	11427713	11424390	11656752	11502952	1.16	cps
Indium	115-2	2332648	2350291	2352538	2345159	0.46	cps
Iron	56-2	13106	12939	12339	12795	3.15	cps
Iron	57-2	489	528	478	498	5.27	cps
Lead	206-1	3523	3901	4029	3817	6.89	cps
Lead	207-1	3601	3445	3684	3577	3.39	cps
Lead	208-1	15404	15776	15882	15687	1.60	cps
Lithium	6-1	661026	653786	664737	659850	0.84	cps
Magnesium	24-2	925	867	725	839	12.26	cps
Manganese	55-2	87	107	97	97	10.34	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1317	1225	1108	1217	8.58	cps
Molybdenum	95-1	900	892	967	920	4.47	cps
Molybdenum	96-1	975	1142	1150	1089	9.07	cps
Molybdenum	97-1	592	525	700	606	14.59	cps
Molybdenum	98-1	1483	1308	1275	1356	8.26	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	83	107	102	16.74	cps
Phosphorus	31-2	508	367	425	433	16.43	cps
Potassium	39-2	61871	63796	64608	63425	2.22	cps
Rhodium	103-1	10907615	11127671	11092923	11042737	1.07	cps
Rhodium	103-2	5309945	5367054	5340578	5339192	0.54	cps
Scandium	45-1	6419231	6463704	6553209	6478715	1.05	cps
Scandium	45-2	338633	338018	337619	338090	0.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	117	107	115	113	4.34	cps
Selenium	82-1	29	-12	-116	-33	-226.11	cps
Silicon	28-1	334182	331498	332962	332881	0.40	cps
Silver	109-1	917	958	892	922	3.65	cps
Silver	107-1	817	808	883	836	4.92	cps
Sodium	23-2	98313	96190	95193	96565	1.65	cps
Strontium	86-1	1317	1250	1292	1286	2.62	cps
Strontium	88-1	500	567	650	572	13.13	cps
Sulfur	34-1	516122	527279	529941	524447	1.40	cps
Terbium	159-1	14107183	14409763	14507934	14341626	1.46	cps
Terbium	159-2	7322517	7305028	7198476	7275341	0.92	cps
Thallium	203-1	2092	1934	1784	1936	7.96	cps
Thallium	205-1	4326	4676	4568	4523	3.96	cps
Tin	118-1	2642	2717	2675	2678	1.40	cps
Titanium	47-1	158	150	250	186	29.81	cps
Uranium	238-1	308	300	342	317	6.96	cps
Vanadium	51-2	47	57	50	51	9.96	cps
Yttrium	89-1	11422449	11608848	11572586	11534628	0.86	cps
Yttrium	89-2	1778017	1792642	1789261	1786640	0.43	cps
Zinc	66-2	443	507	420	457	9.82	cps
Zirconium	90-1	2009	2150	1825	1995	8.17	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:17:01	DataFile Name :	044CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	450	417	422	6.03	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32579	32052	32739	32457	1.11	cps
Antimony	121-1	74618	54859	46788	58755	24.37	cps
Arsenic	75-2	9255	9227	9075	9186	1.05	cps
Barium	135-1	140865	140757	141346	140989	0.22	cps
Barium	137-1	243805	247190	249157	246717	1.10	cps
Beryllium	9-1	117	83	106	102	16.66	cps
Bismuth	209-1	9290505	9382057	9331701	9334754	0.49	cps
Bismuth	209-2	4867001	4906217	4882678	4885299	0.40	cps
Boron	10-1	8486	8311	8061	8286	2.58	cps
Boron	11-1	44843	43764	43999	44202	1.28	cps
Cadmium	111-1	3134	2982	2772	2963	6.14	cps
Cadmium	106-1	3025	3176	3100	3100	2.42	cps
Cadmium	108-1	138	71	117	108	31.48	cps
Calcium	43-1	1993543	1970270	1957787	1973867	0.92	cps
Calcium	44-1	32622091	32439309	32010916	32357439	0.97	cps
Chromium	52-2	11401	11872	11722	11665	2.06	cps
Cobalt	59-2	7442	7679	7562	7561	1.57	cps
Copper	63-2	18328	17607	17431	17789	2.67	cps
Dysprosium	156-1	1042	1058	1258	1120	10.77	cps
Dysprosium	156-2	503	570	500	524	7.53	cps
Erbium	164-1	875	1083	1008	989	10.67	cps
Erbium	164-2	387	413	447	416	7.23	cps
Gadolinium	160-1	1217	1125	1000	1114	9.76	cps
Gadolinium	160-2	580	697	620	632	9.38	cps
Holmium	165-1	13480141	13707217	13969219	13718859	1.78	cps
Holmium	165-2	6281088	6365950	6316248	6321095	0.67	cps
Indium	115-1	12848832	12703108	12359857	12637266	1.99	cps
Indium	115-2	2139600	2155970	2135859	2143810	0.50	cps
Iron	56-2	3515926	3578610	3580801	3558446	1.04	cps
Iron	57-2	90495	92629	93267	92131	1.58	cps
Lead	206-1	10688	9854	9854	10132	4.75	cps
Lead	207-1	8981	8603	8453	8679	3.14	cps
Lead	208-1	41638	39652	38684	39991	3.76	cps
Lithium	6-1	565942	575816	560923	567560	1.33	cps
Magnesium	24-2	5293485	5230661	5219282	5247809	0.76	cps
Manganese	55-2	2364840	2405705	2399975	2390173	0.93	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	102274	102759	101593	102209	0.57	cps
Molybdenum	95-1	172435	172478	171712	172208	0.25	cps
Molybdenum	96-1	185299	184285	183820	184468	0.41	cps
Molybdenum	97-1	107287	107134	108200	107540	0.54	cps
Molybdenum	98-1	274835	279089	276977	276967	0.77	cps
Neodymium	150-1	1954	1920	1860	1911	2.48	cps
Neodymium	150-2	603	670	717	663	8.59	cps
Nickel	60-2	5111	5178	5198	5162	0.88	cps
Phosphorus	31-2	642	717	658	672	5.86	cps
Potassium	39-2	2605387	2642439	2612708	2620178	0.75	cps
Rhodium	103-1	10039378	9955837	9969935	9988383	0.45	cps
Rhodium	103-2	4487602	4565198	4557827	4536876	0.94	cps
Scandium	45-1	5518078	5489330	5408718	5472042	1.04	cps
Scandium	45-2	260323	262052	261833	261403	0.36	cps
Selenium	77-2	17	27	13	19	36.75	cps
Selenium	78-2	102	115	70	96	23.89	cps
Selenium	82-1	-55	145	87	59	175.16	cps
Silicon	28-1	31160338	30519051	30412742	30697377	1.32	cps
Silver	109-1	23278	21801	18697	21259	11.00	cps
Silver	107-1	25240	22402	19397	22346	13.07	cps
Sodium	23-2	24865612	24888425	24811538	24855192	0.16	cps
Strontium	86-1	1814187	1819591	1788793	1807524	0.91	cps
Strontium	88-1	16149647	16275432	15996488	16140522	0.87	cps
Sulfur	34-1	1417738	1383604	1375889	1392410	1.60	cps
Terbium	159-1	13980388	14082515	14084884	14049262	0.42	cps
Terbium	159-2	6396256	6454913	6370999	6407390	0.67	cps
Thallium	203-1	3959	2625	1842	2809	38.11	cps
Thallium	205-1	8987	6002	4601	6530	34.31	cps
Tin	118-1	37710	37284	37534	37509	0.57	cps
Titanium	47-1	24838	25156	25339	25111	1.01	cps
Uranium	238-1	159550	163490	164401	162481	1.59	cps
Vanadium	51-2	3647	3410	3841	3633	5.93	cps
Yttrium	89-1	10556701	10550662	10455360	10520908	0.54	cps
Yttrium	89-2	1419666	1440822	1427804	1429431	0.75	cps
Zinc	66-2	6011	5768	5705	5828	2.78	cps
Zirconium	90-1	14441	12181	12256	12959	9.91	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-02	Instrumnet Name :	P7
Client Sample ID :	S32-0595	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:20:27	DataFile Name :	045SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3259	2709	2792	2920	10.15	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30049	29597	30542	30062	1.57	cps
Antimony	121-1	25683	24472	23128	24428	5.23	cps
Arsenic	75-2	10561	10600	10609	10590	0.24	cps
Barium	135-1	72910	70781	71711	71800	1.49	cps
Barium	137-1	125346	126648	123974	125322	1.07	cps
Beryllium	9-1	106	89	89	94	10.19	cps
Bismuth	209-1	9490121	9596296	9623658	9570025	0.74	cps
Bismuth	209-2	4862644	4899271	4920232	4894049	0.60	cps
Boron	10-1	9537	9537	9153	9409	2.35	cps
Boron	11-1	49950	49624	50168	49914	0.55	cps
Cadmium	111-1	2165	2210	2347	2241	4.24	cps
Cadmium	106-1	2925	2942	3075	2981	2.76	cps
Cadmium	108-1	71	58	38	56	30.32	cps
Calcium	43-1	1422419	1415016	1437769	1425068	0.81	cps
Calcium	44-1	23357630	23247592	23626331	23410518	0.83	cps
Chromium	52-2	8823	8769	9203	8932	2.65	cps
Cobalt	59-2	4664	4754	4601	4673	1.65	cps
Copper	63-2	16736	16266	16343	16448	1.53	cps
Dysprosium	156-1	9740	1000	1258	4000	124.34	cps
Dysprosium	156-2	567	507	563	546	6.18	cps
Erbium	164-1	967	892	850	903	6.55	cps
Erbium	164-2	350	440	473	421	15.15	cps
Gadolinium	160-1	1167	1150	1142	1153	1.10	cps
Gadolinium	160-2	577	667	627	623	7.23	cps
Holmium	165-1	13788502	13830720	13937649	13852290	0.55	cps
Holmium	165-2	6282152	6302268	6298414	6294278	0.17	cps
Indium	115-1	11917468	11842719	11916772	11892320	0.36	cps
Indium	115-2	2057438	2060597	2062101	2060045	0.12	cps
Iron	56-2	4684342	4726390	4748309	4719680	0.69	cps
Iron	57-2	119057	120049	119991	119699	0.47	cps
Lead	206-1	8019	8370	8142	8177	2.17	cps
Lead	207-1	7102	6935	7047	7028	1.21	cps
Lead	208-1	32428	32683	32578	32563	0.39	cps
Lithium	6-1	502667	512185	514592	509815	1.24	cps
Magnesium	24-2	4168364	4169898	4203447	4180570	0.47	cps
Manganese	55-2	2054414	2073848	2078575	2068946	0.62	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	70047	69980	69578	69868	0.36	cps
Molybdenum	95-1	119287	117665	115523	117492	1.61	cps
Molybdenum	96-1	124744	125758	126666	125722	0.76	cps
Molybdenum	97-1	73935	73909	74236	74026	0.25	cps
Molybdenum	98-1	189216	189951	189155	189441	0.23	cps
Neodymium	150-1	1500	1787	1827	1705	10.45	cps
Neodymium	150-2	703	673	727	701	3.81	cps
Nickel	60-2	3070	3260	3034	3121	3.90	cps
Phosphorus	31-2	633	642	675	650	3.39	cps
Potassium	39-2	1334964	1337376	1324149	1332163	0.53	cps
Rhodium	103-1	9756546	9855728	9734485	9782253	0.66	cps
Rhodium	103-2	4513451	4542666	4541166	4532427	0.36	cps
Scandium	45-1	5129526	5128665	5112081	5123424	0.19	cps
Scandium	45-2	256045	256086	255967	256033	0.02	cps
Selenium	77-2	30	40	37	36	14.32	cps
Selenium	78-2	83	106	89	93	12.49	cps
Selenium	82-1	86	125	48	87	44.51	cps
Silicon	28-1	32726092	32589526	32251373	32522330	0.75	cps
Silver	109-1	10821	10971	10421	10738	2.65	cps
Silver	107-1	11513	11480	10521	11172	5.05	cps
Sodium	23-2	15459239	15553756	15561830	15524942	0.37	cps
Strontium	86-1	1169916	1182906	1183061	1178627	0.64	cps
Strontium	88-1	10349571	10601446	10396839	10449285	1.28	cps
Sulfur	34-1	648106	640780	644659	644515	0.57	cps
Terbium	159-1	14093133	14234346	14126989	14151489	0.52	cps
Terbium	159-2	6229371	6241720	6323655	6264915	0.82	cps
Thallium	203-1	775	642	583	667	14.74	cps
Thallium	205-1	1784	1625	1734	1714	4.72	cps
Tin	118-1	25332	25800	24839	25324	1.90	cps
Titanium	47-1	27292	23244	23653	24730	9.01	cps
Uranium	238-1	50910	52298	51914	51707	1.39	cps
Vanadium	51-2	3427	3564	3414	3468	2.39	cps
Yttrium	89-1	10286842	10284969	10282491	10284768	0.02	cps
Yttrium	89-2	1412334	1410116	1412029	1411493	0.09	cps
Zinc	66-2	5274	5648	5721	5548	4.32	cps
Zirconium	90-1	8436	8403	8219	8353	1.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-03	Instrumnet Name :	P7
Client Sample ID :	S32-0597	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:23:52	DataFile Name :	046SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2084	1875	1725	1895	9.50	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19972	19372	20049	19798	1.87	cps
Antimony	121-1	24105	23512	23329	23649	1.72	cps
Arsenic	75-2	6980	6889	7005	6958	0.88	cps
Barium	135-1	106666	105768	108984	107139	1.55	cps
Barium	137-1	186090	184781	188243	186372	0.94	cps
Beryllium	9-1	78	44	44	56	34.63	cps
Bismuth	209-1	9506941	9414203	9522749	9481298	0.62	cps
Bismuth	209-2	4900099	4890683	4882862	4891215	0.18	cps
Boron	10-1	5226	5326	5168	5240	1.53	cps
Boron	11-1	25597	26249	25798	25881	1.29	cps
Cadmium	111-1	2202	2465	2148	2272	7.45	cps
Cadmium	106-1	3017	3401	2934	3117	7.99	cps
Cadmium	108-1	38	58	38	44	27.06	cps
Calcium	43-1	1745188	1739775	1725596	1736853	0.58	cps
Calcium	44-1	28413941	28729807	28260819	28468189	0.84	cps
Chromium	52-2	6208	6328	6478	6338	2.14	cps
Cobalt	59-2	7405	7355	7399	7386	0.37	cps
Copper	63-2	13523	13293	12923	13246	2.29	cps
Dysprosium	156-1	1000	958	917	958	4.35	cps
Dysprosium	156-2	393	480	437	437	9.92	cps
Erbium	164-1	767	950	867	861	10.66	cps
Erbium	164-2	383	330	360	358	7.47	cps
Gadolinium	160-1	883	1058	1008	983	9.17	cps
Gadolinium	160-2	413	457	523	464	11.93	cps
Holmium	165-1	14015669	13956659	14033530	14001953	0.29	cps
Holmium	165-2	6304779	6385795	6443746	6378107	1.09	cps
Indium	115-1	11645887	11620512	11802703	11689701	0.84	cps
Indium	115-2	2061672	2067359	2056275	2061769	0.27	cps
Iron	56-2	8343935	8304813	8403364	8350704	0.59	cps
Iron	57-2	207298	206156	207473	206976	0.35	cps
Lead	206-1	7475	7541	7569	7528	0.64	cps
Lead	207-1	6218	6646	6819	6561	4.71	cps
Lead	208-1	29575	30643	30698	30305	2.09	cps
Lithium	6-1	472244	485979	493223	483815	2.20	cps
Magnesium	24-2	3335537	3302711	3342479	3326909	0.64	cps
Manganese	55-2	2437958	2431788	2450747	2440164	0.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52640	53760	53368	53256	1.07	cps
Molybdenum	95-1	89438	88775	89187	89133	0.38	cps
Molybdenum	96-1	94663	95402	95116	95061	0.39	cps
Molybdenum	97-1	54831	55115	55735	55227	0.84	cps
Molybdenum	98-1	144317	143348	146193	144619	1.00	cps
Neodymium	150-1	1473	1447	1493	1471	1.59	cps
Neodymium	150-2	470	550	567	529	9.77	cps
Nickel	60-2	4894	4801	4818	4838	1.03	cps
Phosphorus	31-2	533	408	533	492	14.68	cps
Potassium	39-2	1285950	1276522	1293810	1285427	0.67	cps
Rhodium	103-1	9838008	9870739	9896091	9868279	0.30	cps
Rhodium	103-2	4589408	4580675	4578035	4582706	0.13	cps
Scandium	45-1	5077915	5194544	5171925	5148128	1.20	cps
Scandium	45-2	259341	259102	261581	260008	0.53	cps
Selenium	77-2	10	17	20	16	32.73	cps
Selenium	78-2	89	89	80	86	6.23	cps
Selenium	82-1	48	-13	63	32	124.60	cps
Silicon	28-1	26403640	26056895	25926810	26129115	0.94	cps
Silver	109-1	8770	8403	8361	8511	2.64	cps
Silver	107-1	9020	8761	9020	8934	1.67	cps
Sodium	23-2	21554273	21398855	21362945	21438691	0.47	cps
Strontium	86-1	1235473	1238488	1252628	1242196	0.74	cps
Strontium	88-1	10912597	10996302	11061784	10990228	0.68	cps
Sulfur	34-1	1719138	1709872	1701262	1710090	0.52	cps
Terbium	159-1	14219950	14321463	14158934	14233449	0.58	cps
Terbium	159-2	6279238	6295364	6316674	6297092	0.30	cps
Thallium	203-1	392	517	483	464	13.95	cps
Thallium	205-1	1258	1008	1042	1103	12.31	cps
Tin	118-1	24747	26267	25424	25479	2.99	cps
Titanium	47-1	15151	15167	15309	15209	0.57	cps
Uranium	238-1	161516	161054	164421	162330	1.12	cps
Vanadium	51-2	3307	3540	3357	3402	3.61	cps
Yttrium	89-1	10322294	10272433	10456560	10350429	0.92	cps
Yttrium	89-2	1413855	1421622	1422418	1419298	0.33	cps
Zinc	66-2	5451	5728	5438	5539	2.96	cps
Zirconium	90-1	6468	5618	6135	6074	7.06	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-04	Instrumnet Name :	P7
Client Sample ID :	S32-0596	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:27:18	DataFile Name :	047SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1550	1475	1133	1386	16.02	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28103	26875	27252	27410	2.30	cps
Antimony	121-1	21284	20224	18880	20129	5.98	cps
Arsenic	75-2	8054	8134	7937	8042	1.23	cps
Barium	135-1	63236	63998	63797	63677	0.62	cps
Barium	137-1	109705	110738	111856	110766	0.97	cps
Beryllium	9-1	117	122	100	113	10.24	cps
Bismuth	209-1	9715542	9748728	9557031	9673767	1.06	cps
Bismuth	209-2	4863590	4886017	4942967	4897525	0.84	cps
Boron	10-1	9378	9086	9762	9409	3.60	cps
Boron	11-1	49716	51037	51213	50655	1.61	cps
Cadmium	111-1	2171	1972	2064	2069	4.82	cps
Cadmium	106-1	3000	2750	2809	2853	4.59	cps
Cadmium	108-1	54	71	75	67	16.53	cps
Calcium	43-1	786284	791330	779249	785621	0.77	cps
Calcium	44-1	12820107	13032541	13052253	12968300	0.99	cps
Chromium	52-2	10854	10854	10737	10815	0.62	cps
Cobalt	59-2	4354	4197	4424	4325	2.68	cps
Copper	63-2	18709	19053	19246	19003	1.43	cps
Dysprosium	156-1	983	1025	867	958	8.56	cps
Dysprosium	156-2	390	393	450	411	8.20	cps
Erbium	164-1	842	667	875	795	14.09	cps
Erbium	164-2	343	377	323	348	7.75	cps
Gadolinium	160-1	1092	900	1000	997	9.61	cps
Gadolinium	160-2	507	463	573	514	10.77	cps
Holmium	165-1	13954998	14064019	13922859	13980625	0.53	cps
Holmium	165-2	6262883	6261322	6360347	6294851	0.90	cps
Indium	115-1	11713151	11636537	11743130	11697606	0.47	cps
Indium	115-2	2002258	2014879	2027021	2014719	0.61	cps
Iron	56-2	1753050	1759662	1771370	1761361	0.53	cps
Iron	57-2	46140	44245	45978	45454	2.31	cps
Lead	206-1	6680	6513	6891	6694	2.83	cps
Lead	207-1	5640	6018	5429	5696	5.24	cps
Lead	208-1	26467	26077	26756	26433	1.29	cps
Lithium	6-1	465214	463582	464203	464333	0.18	cps
Magnesium	24-2	2120008	2123191	2134632	2125944	0.36	cps
Manganese	55-2	1121230	1119271	1131924	1124141	0.61	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	98295	100109	99285	99229	0.92	cps
Molybdenum	95-1	167970	170214	171073	169752	0.94	cps
Molybdenum	96-1	180696	182336	183533	182188	0.78	cps
Molybdenum	97-1	105186	103575	107060	105273	1.66	cps
Molybdenum	98-1	270704	270922	278721	273449	1.67	cps
Neodymium	150-1	1520	1307	1380	1402	7.73	cps
Neodymium	150-2	517	583	637	579	10.39	cps
Nickel	60-2	4377	4541	4434	4451	1.86	cps
Phosphorus	31-2	650	558	742	650	14.10	cps
Potassium	39-2	1712515	1710477	1738395	1720462	0.90	cps
Rhodium	103-1	9811881	9857320	9989477	9886226	0.93	cps
Rhodium	103-2	4545837	4530801	4609233	4561957	0.91	cps
Scandium	45-1	5105416	5152672	5149814	5135967	0.52	cps
Scandium	45-2	257360	255852	258887	257366	0.59	cps
Selenium	77-2	37	27	30	31	16.37	cps
Selenium	78-2	93	87	87	89	3.60	cps
Selenium	82-1	90	91	1	61	84.69	cps
Silicon	28-1	25334895	25037777	24970418	25114363	0.77	cps
Silver	109-1	7311	7161	7110	7194	1.45	cps
Silver	107-1	7802	7552	7394	7583	2.72	cps
Sodium	23-2	43910777	44109188	44122280	44047415	0.27	cps
Strontium	86-1	1327531	1326035	1338750	1330772	0.52	cps
Strontium	88-1	11871508	11941891	11932670	11915356	0.32	cps
Sulfur	34-1	1173778	1167877	1168657	1170104	0.27	cps
Terbium	159-1	14183960	14258188	14390337	14277495	0.73	cps
Terbium	159-2	6196689	6231988	6401641	6276773	1.75	cps
Thallium	203-1	417	375	467	419	10.94	cps
Thallium	205-1	800	925	750	825	10.93	cps
Tin	118-1	22686	23229	24013	23309	2.86	cps
Titanium	47-1	19222	19497	20048	19589	2.15	cps
Uranium	238-1	86109	86010	86320	86146	0.18	cps
Vanadium	51-2	3654	3437	3564	3552	3.07	cps
Yttrium	89-1	10289964	10357726	10339630	10329107	0.34	cps
Yttrium	89-2	1395411	1409724	1416271	1407135	0.76	cps
Zinc	66-2	4344	4124	4237	4235	2.60	cps
Zirconium	90-1	6252	5476	5443	5724	8.00	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-05	Instrumnet Name :	P7
Client Sample ID :	S32-0598	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:30:43	DataFile Name :	048SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1400	1408	1433	1414	1.23	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15851	16327	16328	16169	1.70	cps
Antimony	121-1	34327	33332	32564	33408	2.65	cps
Arsenic	75-2	954	852	782	862	10.04	cps
Barium	135-1	238308	235074	237097	236826	0.69	cps
Barium	137-1	412225	414562	410759	412515	0.46	cps
Beryllium	9-1	100	28	72	67	54.64	cps
Bismuth	209-1	9445068	9597635	9684280	9575661	1.26	cps
Bismuth	209-2	4831973	4905464	4923767	4887068	0.99	cps
Boron	10-1	8027	8144	8519	8230	3.12	cps
Boron	11-1	42954	43054	41892	42633	1.51	cps
Cadmium	111-1	1943	1798	2166	1969	9.42	cps
Cadmium	106-1	2650	2500	2992	2714	9.29	cps
Cadmium	108-1	42	63	58	54	20.35	cps
Calcium	43-1	1923443	1905254	1915293	1914663	0.48	cps
Calcium	44-1	31227734	30821293	31223947	31090991	0.75	cps
Chromium	52-2	5601	5584	5648	5611	0.59	cps
Cobalt	59-2	3827	3977	3977	3927	2.21	cps
Copper	63-2	13950	14527	14157	14212	2.06	cps
Dysprosium	156-1	1125	933	967	1008	10.15	cps
Dysprosium	156-2	400	413	453	422	6.57	cps
Erbium	164-1	792	725	733	750	4.84	cps
Erbium	164-2	360	257	313	310	16.69	cps
Gadolinium	160-1	1092	1050	992	1045	4.81	cps
Gadolinium	160-2	590	577	560	576	2.61	cps
Holmium	165-1	13877717	13928980	13866738	13891145	0.24	cps
Holmium	165-2	6279770	6472842	6369877	6374163	1.52	cps
Indium	115-1	11490709	11546443	11547450	11528201	0.28	cps
Indium	115-2	1976446	1989292	1996696	1987478	0.52	cps
Iron	56-2	790370	811395	799975	800580	1.31	cps
Iron	57-2	22891	22390	23069	22783	1.54	cps
Lead	206-1	5968	5952	5596	5839	3.60	cps
Lead	207-1	5207	4884	5046	5046	3.19	cps
Lead	208-1	23548	22775	22792	23038	1.92	cps
Lithium	6-1	443260	447607	450654	447173	0.83	cps
Magnesium	24-2	1380964	1377984	1388773	1382574	0.40	cps
Manganese	55-2	18051	17844	17607	17834	1.25	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	90243	88986	89430	89553	0.71	cps
Molybdenum	95-1	150452	154741	151700	152298	1.45	cps
Molybdenum	96-1	165020	165322	162912	164418	0.80	cps
Molybdenum	97-1	95184	96199	94421	95268	0.94	cps
Molybdenum	98-1	245176	245943	249058	246726	0.83	cps
Neodymium	150-1	1480	1547	1547	1525	2.53	cps
Neodymium	150-2	503	563	630	566	11.20	cps
Nickel	60-2	11021	11194	11168	11128	0.84	cps
Phosphorus	31-2	467	417	475	453	6.97	cps
Potassium	39-2	5359288	5383823	5406984	5383365	0.44	cps
Rhodium	103-1	9720910	9924203	9799226	9814780	1.04	cps
Rhodium	103-2	4540131	4551663	4559560	4550451	0.21	cps
Scandium	45-1	5105541	5174593	5147037	5142390	0.68	cps
Scandium	45-2	257433	259796	258454	258561	0.46	cps
Selenium	77-2	23	23	33	27	21.65	cps
Selenium	78-2	96	61	83	80	22.18	cps
Selenium	82-1	159	116	128	134	16.58	cps
Silicon	28-1	9464198	9455714	9338016	9419309	0.75	cps
Silver	109-1	6527	6577	6185	6430	3.32	cps
Silver	107-1	6710	6777	6393	6627	3.09	cps
Sodium	23-2	59552662	59775172	59742397	59690077	0.20	cps
Strontium	86-1	17909233	18103640	18182808	18065227	0.78	cps
Strontium	88-1	155700612	155757212	156429758	155962527	0.26	cps
Sulfur	34-1	995026	1002933	1002173	1000044	0.44	cps
Terbium	159-1	14083196	14141989	14308967	14178051	0.83	cps
Terbium	159-2	6236636	6401813	6404475	6347642	1.51	cps
Thallium	203-1	417	408	417	414	1.16	cps
Thallium	205-1	858	942	825	875	6.87	cps
Tin	118-1	20057	19005	19381	19481	2.74	cps
Titanium	47-1	12806	12831	12389	12675	1.96	cps
Uranium	238-1	60969	60499	61665	61044	0.96	cps
Vanadium	51-2	3631	3544	3460	3545	2.40	cps
Yttrium	89-1	10392046	10448844	10401041	10413977	0.29	cps
Yttrium	89-2	1401695	1412355	1415221	1409757	0.51	cps
Zinc	66-2	4381	4361	4574	4439	2.66	cps
Zirconium	90-1	4076	4067	4109	4084	0.54	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06	Instrumnet Name :	P7
Client Sample ID :	S32-0599	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:34:09	DataFile Name :	049SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	833	875	839	4.02	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14791	15934	15383	15370	3.72	cps
Antimony	121-1	33833	33107	32314	33085	2.30	cps
Arsenic	75-2	891	909	878	893	1.77	cps
Barium	135-1	234924	236460	234929	235438	0.38	cps
Barium	137-1	409413	415470	405792	410225	1.19	cps
Beryllium	9-1	50	44	56	50	11.11	cps
Bismuth	209-1	9580460	9666405	9519544	9588803	0.77	cps
Bismuth	209-2	4800271	4854750	4891650	4848890	0.95	cps
Boron	10-1	7602	8027	8203	7944	3.89	cps
Boron	11-1	41283	42026	42428	41912	1.39	cps
Cadmium	111-1	2148	2083	1806	2012	9.04	cps
Cadmium	106-1	2942	2859	2459	2753	9.39	cps
Cadmium	108-1	46	38	46	43	11.17	cps
Calcium	43-1	1881523	1901540	1882021	1888361	0.60	cps
Calcium	44-1	30655915	30862095	30794909	30770973	0.34	cps
Chromium	52-2	5274	5655	5571	5500	3.63	cps
Cobalt	59-2	4027	4231	4151	4136	2.48	cps
Copper	63-2	14377	14197	14104	14226	0.98	cps
Dysprosium	156-1	875	1058	1050	995	10.41	cps
Dysprosium	156-2	340	390	387	372	7.51	cps
Erbium	164-1	783	667	942	797	17.31	cps
Erbium	164-2	387	357	327	357	8.41	cps
Gadolinium	160-1	1042	1075	858	992	11.76	cps
Gadolinium	160-2	433	483	487	468	6.39	cps
Holmium	165-1	13773224	13970629	13987603	13910485	0.86	cps
Holmium	165-2	6204104	6292849	6314825	6270593	0.93	cps
Indium	115-1	11405529	11403306	11232938	11347257	0.87	cps
Indium	115-2	1968152	1973539	1973231	1971641	0.15	cps
Iron	56-2	779113	794389	792553	788685	1.06	cps
Iron	57-2	22490	22824	22824	22713	0.85	cps
Lead	206-1	5907	5557	5240	5568	5.99	cps
Lead	207-1	4896	4918	5079	4964	2.02	cps
Lead	208-1	22558	22213	21624	22132	2.13	cps
Lithium	6-1	433829	445682	444974	441495	1.51	cps
Magnesium	24-2	1353443	1386919	1378556	1372973	1.27	cps
Manganese	55-2	17547	17958	18025	17843	1.45	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	86076	87309	87552	86979	0.91	cps
Molybdenum	95-1	153448	153576	149930	152318	1.36	cps
Molybdenum	96-1	162438	162211	160963	161871	0.49	cps
Molybdenum	97-1	93313	94538	95905	94585	1.37	cps
Molybdenum	98-1	244202	241632	243801	243212	0.57	cps
Neodymium	150-1	1533	1580	1560	1558	1.50	cps
Neodymium	150-2	570	483	547	533	8.41	cps
Nickel	60-2	10701	11321	11178	11067	2.94	cps
Phosphorus	31-2	408	533	425	456	14.90	cps
Potassium	39-2	5302776	5330258	5247085	5293373	0.80	cps
Rhodium	103-1	9679066	9743828	9700971	9707955	0.34	cps
Rhodium	103-2	4485178	4508977	4537728	4510628	0.58	cps
Scandium	45-1	5025530	5114894	5047939	5062788	0.92	cps
Scandium	45-2	252810	256166	255022	254666	0.67	cps
Selenium	77-2	27	40	37	34	20.14	cps
Selenium	78-2	78	91	70	80	12.95	cps
Selenium	82-1	177	179	125	160	19.10	cps
Silicon	28-1	9241595	9372809	9197299	9270568	0.98	cps
Silver	109-1	6110	5726	5485	5774	5.46	cps
Silver	107-1	6177	6085	5726	5996	3.97	cps
Sodium	23-2	58892310	58723341	59341587	58985746	0.54	cps
Strontium	86-1	17854721	18018278	17905689	17926229	0.47	cps
Strontium	88-1	153515474	154117537	153931683	153854898	0.20	cps
Sulfur	34-1	1012366	1015874	1010976	1013072	0.25	cps
Terbium	159-1	14061277	14279146	14246810	14195744	0.83	cps
Terbium	159-2	6188102	6231293	6414779	6278058	1.92	cps
Thallium	203-1	375	317	242	311	21.48	cps
Thallium	205-1	842	742	783	789	6.37	cps
Tin	118-1	18588	18889	19406	18961	2.18	cps
Titanium	47-1	12873	12364	12080	12439	3.23	cps
Uranium	238-1	60734	60935	60265	60645	0.57	cps
Vanadium	51-2	3557	3927	3681	3722	5.06	cps
Yttrium	89-1	10315309	10400670	10316099	10344026	0.47	cps
Yttrium	89-2	1388478	1408603	1402058	1399713	0.73	cps
Zinc	66-2	4397	4191	4494	4361	3.55	cps
Zirconium	90-1	4134	3667	3892	3898	5.99	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06DUP	Instrumnet Name :	P7
Client Sample ID :	S32-0599DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:37:37	DataFile Name :	050SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	658	983	850	20.02	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3334	3693	3217	3415	7.26	cps
Antimony	121-1	13524	13532	13607	13554	0.34	cps
Arsenic	75-2	209	237	200	215	8.95	cps
Barium	135-1	48377	47708	47398	47828	1.05	cps
Barium	137-1	84825	82998	82587	83470	1.43	cps
Beryllium	9-1	56	50	78	61	24.05	cps
Bismuth	209-1	10061159	9917982	9893744	9957629	0.91	cps
Bismuth	209-2	5214688	5245255	5256348	5238764	0.41	cps
Boron	10-1	2159	1759	1867	1928	10.73	cps
Boron	11-1	11455	11863	11797	11705	1.87	cps
Cadmium	111-1	2305	2347	2392	2348	1.84	cps
Cadmium	106-1	3242	3342	3384	3323	2.19	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	403465	406028	405881	405125	0.36	cps
Calcium	44-1	6648436	6719108	6678644	6682063	0.53	cps
Chromium	52-2	3077	3210	2864	3050	5.73	cps
Cobalt	59-2	810	917	790	839	8.12	cps
Copper	63-2	6332	6378	6415	6375	0.66	cps
Dysprosium	156-1	217	158	175	183	16.39	cps
Dysprosium	156-2	107	77	87	90	16.97	cps
Erbium	164-1	167	208	225	200	15.02	cps
Erbium	164-2	83	73	53	70	21.83	cps
Gadolinium	160-1	225	333	250	269	21.05	cps
Gadolinium	160-2	153	183	193	177	11.78	cps
Holmium	165-1	14590457	14455952	14292005	14446138	1.03	cps
Holmium	165-2	6811510	6813754	6845513	6823593	0.28	cps
Indium	115-1	11812778	11689373	11525921	11676024	1.23	cps
Indium	115-2	2081383	2093578	2107603	2094188	0.63	cps
Iron	56-2	173018	175665	175092	174592	0.80	cps
Iron	57-2	5140	5062	5101	5101	0.76	cps
Lead	206-1	2178	1928	2034	2047	6.13	cps
Lead	207-1	1695	1906	1461	1687	13.18	cps
Lead	208-1	8185	7729	7546	7820	4.21	cps
Lithium	6-1	491003	479836	485425	485421	1.15	cps
Magnesium	24-2	292445	294220	292843	293169	0.32	cps
Manganese	55-2	3811	3581	3671	3687	3.14	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17553	18204	19097	18285	4.24	cps
Molybdenum	95-1	31252	31444	30776	31157	1.10	cps
Molybdenum	96-1	33306	33256	33925	33496	1.11	cps
Molybdenum	97-1	19372	19431	19464	19422	0.24	cps
Molybdenum	98-1	50749	50448	51711	50970	1.29	cps
Neodymium	150-1	327	220	267	271	19.72	cps
Neodymium	150-2	100	137	117	118	15.59	cps
Nickel	60-2	2414	2300	2524	2412	4.63	cps
Phosphorus	31-2	233	367	433	344	29.56	cps
Potassium	39-2	1151735	1169703	1164825	1162087	0.80	cps
Rhodium	103-1	10664202	10534334	10581205	10593247	0.62	cps
Rhodium	103-2	4954919	4964433	4978832	4966061	0.24	cps
Scandium	45-1	5710975	5583039	5615303	5636439	1.18	cps
Scandium	45-2	280578	284470	285759	283603	0.95	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	89	65	74	76	15.99	cps
Selenium	82-1	53	26	2	27	94.15	cps
Silicon	28-1	2507171	2493357	2496483	2499004	0.29	cps
Silver	109-1	2967	2984	3117	3023	2.72	cps
Silver	107-1	3209	3584	3242	3345	6.21	cps
Sodium	23-2	12634400	12562264	12514005	12570223	0.48	cps
Strontium	86-1	3604516	3566537	3575822	3582291	0.55	cps
Strontium	88-1	32235257	31882738	32038407	32052134	0.55	cps
Sulfur	34-1	636833	637925	641552	638770	0.39	cps
Terbium	159-1	14902470	14779799	14734967	14805745	0.59	cps
Terbium	159-2	6770167	6813276	6777995	6787146	0.34	cps
Thallium	203-1	242	175	208	208	16.00	cps
Thallium	205-1	533	383	442	453	16.70	cps
Tin	118-1	3376	2984	3159	3173	6.19	cps
Titanium	47-1	2842	2809	2767	2806	1.34	cps
Uranium	238-1	12482	12615	11989	12362	2.67	cps
Vanadium	51-2	750	827	813	797	5.14	cps
Yttrium	89-1	11253551	11013847	10932788	11066728	1.51	cps
Yttrium	89-2	1537989	1545556	1541878	1541808	0.25	cps
Zinc	66-2	1333	1327	1317	1326	0.63	cps
Zirconium	90-1	1200	1142	1200	1181	2.85	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06LX5	Instrumnet Name :	P7
Client Sample ID :	S32-0599L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-03 13:41:04	DataFile Name :	051SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	158	167	175	12.60	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992755	991254	989365	991125	0.17	cps
Antimony	121-1	8824562	8955672	8992422	8924219	0.99	cps
Arsenic	75-2	286741	289270	290240	288751	0.63	cps
Barium	135-1	8456388	8546306	8467069	8489921	0.58	cps
Barium	137-1	14678501	14704440	14945223	14776055	1.00	cps
Beryllium	9-1	602880	599483	606236	602866	0.56	cps
Bismuth	209-1	9181210	9356878	9239030	9259039	0.97	cps
Bismuth	209-2	4704693	4733606	4729056	4722451	0.33	cps
Boron	10-1	152975	154810	158960	155582	1.97	cps
Boron	11-1	804673	806144	810584	807134	0.38	cps
Cadmium	111-1	2019428	2050957	2055392	2041926	0.96	cps
Cadmium	106-1	215988	218664	217030	217227	0.62	cps
Cadmium	108-1	147420	146190	147706	147105	0.55	cps
Calcium	43-1	3373032	3366975	3388125	3376044	0.32	cps
Calcium	44-1	54680687	54816303	55113193	54870061	0.40	cps
Chromium	52-2	2342646	2350395	2362908	2351983	0.43	cps
Cobalt	59-2	3887437	3925776	3934031	3915748	0.63	cps
Copper	63-2	5078376	5099430	5101338	5093048	0.25	cps
Dysprosium	156-1	1075	942	1117	1045	8.75	cps
Dysprosium	156-2	420	373	437	410	8.01	cps
Erbium	164-1	9495	9162	9220	9292	1.92	cps
Erbium	164-2	4441	4151	4264	4285	3.41	cps
Gadolinium	160-1	1383	1392	1392	1389	0.35	cps
Gadolinium	160-2	820	767	827	804	4.09	cps
Holmium	165-1	13839606	13974668	13752564	13855612	0.81	cps
Holmium	165-2	6272237	6275538	6304670	6284148	0.28	cps
Indium	115-1	10921110	11166486	10935356	11007650	1.25	cps
Indium	115-2	1900939	1897326	1891142	1896469	0.26	cps
Iron	56-2	82925799	83153671	83234182	83104551	0.19	cps
Iron	57-2	2000734	2013573	2029129	2014478	0.71	cps
Lead	206-1	6598525	6696314	6631973	6642271	0.75	cps
Lead	207-1	5993570	6090082	6091229	6058294	0.93	cps
Lead	208-1	27348498	27770278	27626651	27581809	0.78	cps
Lithium	6-1	457257	455038	462365	458220	0.82	cps
Magnesium	24-2	14910221	14700773	14857038	14822677	0.73	cps
Manganese	55-2	2044683	2083722	2068784	2065730	0.95	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8660209	8752385	8734071	8715555	0.56	cps
Molybdenum	95-1	6810344	6817853	6871043	6833080	0.48	cps
Molybdenum	96-1	7992980	8073903	8173490	8080124	1.12	cps
Molybdenum	97-1	4155255	4177294	4212011	4181520	0.68	cps
Molybdenum	98-1	11329840	11287684	11345945	11321156	0.27	cps
Neodymium	150-1	1493	1547	1553	1531	2.15	cps
Neodymium	150-2	413	463	423	433	6.11	cps
Nickel	60-2	1082037	1099067	1090464	1090523	0.78	cps
Phosphorus	31-2	550	508	383	481	18.05	cps
Potassium	39-2	11252103	11132700	11170670	11185158	0.55	cps
Rhodium	103-1	9443209	9493350	9412579	9449713	0.43	cps
Rhodium	103-2	4426742	4447184	4427362	4433763	0.26	cps
Scandium	45-1	4933998	5020223	5053411	5002544	1.23	cps
Scandium	45-2	255136	257694	255868	256233	0.51	cps
Selenium	77-2	4854	5368	5111	5111	5.02	cps
Selenium	78-2	17611	17568	17331	17503	0.86	cps
Selenium	82-1	116484	117375	117088	116982	0.39	cps
Silicon	28-1	14614406	14435363	14437912	14495894	0.71	cps
Silver	109-1	10314945	10359360	10365948	10346751	0.27	cps
Silver	107-1	10842034	10865609	11025920	10911187	0.92	cps
Sodium	23-2	82536410	82163656	82323819	82341295	0.23	cps
Strontium	86-1	19435365	19768943	19658684	19620997	0.87	cps
Strontium	88-1	166566404	170018645	168428158	168337736	1.03	cps
Sulfur	34-1	1010729	994216	988002	997649	1.18	cps
Terbium	159-1	14095804	14086494	14055241	14079180	0.15	cps
Terbium	159-2	6216724	6263036	6248606	6242788	0.38	cps
Thallium	203-1	8587171	8657372	8699759	8648100	0.66	cps
Thallium	205-1	20314142	20505113	20337059	20385438	0.51	cps
Tin	118-1	10892826	11069181	11082620	11014876	0.96	cps
Titanium	47-1	1481355	1493640	1497835	1490943	0.57	cps
Uranium	238-1	28755858	28722704	28819158	28765907	0.17	cps
Vanadium	51-2	1818089	1821045	1835653	1824929	0.52	cps
Yttrium	89-1	10225870	10123368	10278111	10209117	0.77	cps
Yttrium	89-2	1390794	1391838	1387547	1390060	0.16	cps
Zinc	66-2	690873	694861	696927	694220	0.44	cps
Zirconium	90-1	12812610	12842205	12913373	12856063	0.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MS	Instrumnet Name :	P7
Client Sample ID :	S32-0599MS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:44:30	DataFile Name :	052SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2775627	2808422	2809091	2797713	0.68	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1050173	1052679	1037149	1046667	0.80	cps
Antimony	121-1	8134447	8225755	8224049	8194750	0.64	cps
Arsenic	75-2	265077	265512	265772	265454	0.13	cps
Barium	135-1	8932674	9033342	9058458	9008158	0.74	cps
Barium	137-1	15719187	15766117	15769789	15751697	0.18	cps
Beryllium	9-1	540113	547104	541850	543022	0.67	cps
Bismuth	209-1	9275552	9314267	9241229	9277016	0.39	cps
Bismuth	209-2	4665749	4728782	4678537	4691023	0.71	cps
Boron	10-1	161193	165833	162220	163082	1.49	cps
Boron	11-1	831081	846992	845216	841096	1.04	cps
Cadmium	111-1	1870374	1890419	1876744	1879179	0.55	cps
Cadmium	106-1	201067	203255	200219	201514	0.78	cps
Cadmium	108-1	134834	134619	134998	134817	0.14	cps
Calcium	43-1	3507054	3466033	3482247	3485111	0.59	cps
Calcium	44-1	56452228	56071776	56468068	56330691	0.40	cps
Chromium	52-2	2137014	2153911	2155564	2148830	0.48	cps
Cobalt	59-2	3548023	3584365	3577156	3569848	0.54	cps
Copper	63-2	5374507	5398427	5399178	5390704	0.26	cps
Dysprosium	156-1	1292	1200	1200	1231	4.30	cps
Dysprosium	156-2	473	430	440	448	5.07	cps
Erbium	164-1	8878	8737	9003	8873	1.50	cps
Erbium	164-2	3791	3927	3844	3854	1.79	cps
Gadolinium	160-1	1784	1792	1692	1756	3.16	cps
Gadolinium	160-2	817	793	853	821	3.68	cps
Holmium	165-1	13903541	13880607	14018911	13934353	0.53	cps
Holmium	165-2	6203022	6287669	6310461	6267050	0.90	cps
Indium	115-1	10785197	10741213	10855476	10793962	0.53	cps
Indium	115-2	1860967	1865612	1867288	1864622	0.18	cps
Iron	56-2	87287555	87898819	86900496	87362290	0.58	cps
Iron	57-2	2115103	2130547	2125219	2123623	0.37	cps
Lead	206-1	6068828	6087140	6133441	6096470	0.55	cps
Lead	207-1	5568964	5579814	5552043	5566940	0.25	cps
Lead	208-1	25298551	25397638	25243998	25313395	0.31	cps
Lithium	6-1	439987	436949	443943	440293	0.80	cps
Magnesium	24-2	17008764	17246980	17121475	17125740	0.70	cps
Manganese	55-2	2161143	2190754	2177999	2176632	0.68	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8498395	8635747	8600575	8578239	0.83	cps
Molybdenum	95-1	7270583	7332320	7230698	7277867	0.70	cps
Molybdenum	96-1	8366187	8564365	8478022	8469525	1.17	cps
Molybdenum	97-1	4420935	4475748	4454393	4450359	0.62	cps
Molybdenum	98-1	11890538	11954126	11696521	11847061	1.13	cps
Neodymium	150-1	2007	2047	1874	1976	4.59	cps
Neodymium	150-2	637	540	617	598	8.54	cps
Nickel	60-2	993238	998677	996912	996276	0.28	cps
Phosphorus	31-2	483	400	300	394	23.27	cps
Potassium	39-2	11637949	11678696	11690492	11669046	0.24	cps
Rhodium	103-1	9436080	9532205	9409506	9459264	0.68	cps
Rhodium	103-2	4420638	4415348	4433864	4423284	0.22	cps
Scandium	45-1	5025537	5043460	5002115	5023704	0.41	cps
Scandium	45-2	253489	256236	252957	254228	0.69	cps
Selenium	77-2	4711	4764	4938	4804	2.47	cps
Selenium	78-2	16324	15670	15757	15917	2.23	cps
Selenium	82-1	107680	107589	105946	107072	0.91	cps
Silicon	28-1	14668503	15043764	14735788	14816019	1.35	cps
Silver	109-1	9578515	9630939	9485664	9565039	0.77	cps
Silver	107-1	9982409	9960113	9969997	9970840	0.11	cps
Sodium	23-2	82099300	83041179	82575137	82571872	0.57	cps
Strontium	86-1	19757830	20023123	19929258	19903404	0.68	cps
Strontium	88-1	171603929	171984166	173548671	172378922	0.60	cps
Sulfur	34-1	967951	969997	955929	964626	0.79	cps
Terbium	159-1	14123490	14072623	14158442	14118185	0.31	cps
Terbium	159-2	6169459	6202627	6203658	6191915	0.31	cps
Thallium	203-1	7865667	8017234	7934791	7939231	0.96	cps
Thallium	205-1	18313236	18870858	18764223	18649439	1.59	cps
Tin	118-1	11580693	11597423	11650088	11609401	0.31	cps
Titanium	47-1	1580713	1588762	1573014	1580830	0.50	cps
Uranium	238-1	26403729	26523585	26116616	26347977	0.79	cps
Vanadium	51-2	1655663	1671105	1674069	1666945	0.59	cps
Yttrium	89-1	10333210	10288159	10229782	10283717	0.50	cps
Yttrium	89-2	1381485	1384350	1391479	1385772	0.37	cps
Zinc	66-2	726606	731552	731189	729782	0.38	cps
Zirconium	90-1	11733441	11864789	11805153	11801127	0.56	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSD	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:47:52	DataFile Name :	053SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2550436	2592490	2576037	2572988	0.82	cps

LB Number : LB90536 Operator : Jaswal
 Lab Sample ID : I5503-06A Instrumnet Name : P7
 Client Sample ID : S32-0599A Dilution Factor : 1
 Date & Time Acquired :: 2017-10-03 13:51:15 DataFile Name : 054SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002702	1005220	1006052	1004658	0.17	cps
Antimony	121-1	8596229	8747673	8683117	8675673	0.88	cps
Arsenic	75-2	275596	277828	280294	277906	0.85	cps
Barium	135-1	8817326	8771635	8847080	8812014	0.43	cps
Barium	137-1	15115361	15285586	15424881	15275276	1.01	cps
Beryllium	9-1	563342	565431	564088	564287	0.19	cps
Bismuth	209-1	9255040	9428110	9320671	9334607	0.94	cps
Bismuth	209-2	4659585	4699630	4720990	4693401	0.66	cps
Boron	10-1	156319	157176	158136	157210	0.58	cps
Boron	11-1	805053	813974	815444	811490	0.69	cps
Cadmium	111-1	1962015	1977867	1996417	1978766	0.87	cps
Cadmium	106-1	208241	208088	210964	209098	0.77	cps
Cadmium	108-1	142050	142391	141742	142061	0.23	cps
Calcium	43-1	3405730	3410190	3437700	3417873	0.51	cps
Calcium	44-1	55077222	56016587	55574849	55556219	0.85	cps
Chromium	52-2	2244071	2235376	2264414	2247954	0.66	cps
Cobalt	59-2	3744244	3749840	3765278	3753121	0.29	cps
Copper	63-2	5174536	5218535	5189200	5194091	0.43	cps
Dysprosium	156-1	1125	1117	1183	1142	3.18	cps
Dysprosium	156-2	460	433	480	458	5.11	cps
Erbium	164-1	9070	9629	9287	9329	3.02	cps
Erbium	164-2	3997	4134	4137	4090	1.95	cps
Gadolinium	160-1	1675	1659	1650	1661	0.77	cps
Gadolinium	160-2	790	890	790	823	7.01	cps
Holmium	165-1	13950754	14070344	13973041	13998046	0.45	cps
Holmium	165-2	6204139	6292436	6298037	6264871	0.84	cps
Indium	115-1	10784568	10942979	10894598	10874048	0.75	cps
Indium	115-2	1851130	1872021	1870516	1864556	0.62	cps
Iron	56-2	84599319	84516780	84500969	84539022	0.06	cps
Iron	57-2	2028237	2066676	2048564	2047826	0.94	cps
Lead	206-1	6459650	6421391	6447458	6442833	0.30	cps
Lead	207-1	5854010	5874211	5861303	5863175	0.17	cps
Lead	208-1	26634659	26790867	26692290	26705939	0.30	cps
Lithium	6-1	432024	431854	436383	433421	0.59	cps
Magnesium	24-2	15555264	15597055	15709672	15620663	0.51	cps
Manganese	55-2	2098155	2120768	2106876	2108600	0.54	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06A	Instrumnet Name :	P7
Client Sample ID :	S32-0599A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:51:15	DataFile Name :	054SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8683982	8842248	8771335	8765855	0.90	cps
Molybdenum	95-1	7065436	7076467	7058475	7066793	0.13	cps
Molybdenum	96-1	8260049	8247465	8258474	8255329	0.08	cps
Molybdenum	97-1	4295884	4344116	4338775	4326258	0.61	cps
Molybdenum	98-1	11608159	11707417	11769767	11695114	0.70	cps
Neodymium	150-1	1633	1627	1880	1714	8.43	cps
Neodymium	150-2	430	537	487	484	11.02	cps
Nickel	60-2	1038942	1042681	1047018	1042880	0.39	cps
Phosphorus	31-2	425	450	458	444	3.90	cps
Potassium	39-2	11405796	11322813	11307388	11345332	0.47	cps
Rhodium	103-1	9604241	9627650	9573265	9601719	0.28	cps
Rhodium	103-2	4403993	4417461	4424719	4415391	0.24	cps
Scandium	45-1	4987845	5094977	5071421	5051415	1.11	cps
Scandium	45-2	252779	253949	253721	253483	0.24	cps
Selenium	77-2	5054	4971	4701	4909	3.76	cps
Selenium	78-2	16695	16548	16928	16724	1.15	cps
Selenium	82-1	112634	113781	112710	113042	0.57	cps
Silicon	28-1	14385999	14654776	14591351	14544042	0.97	cps
Silver	109-1	9987974	10126848	10149771	10088198	0.87	cps
Silver	107-1	10453044	10606305	10559777	10539709	0.75	cps
Sodium	23-2	81797843	82080485	81920312	81932880	0.17	cps
Strontium	86-1	19790347	19962999	19886753	19880033	0.44	cps
Strontium	88-1	170604720	170903945	171260250	170922972	0.19	cps
Sulfur	34-1	930857	937856	934951	934555	0.38	cps
Terbium	159-1	14033949	14151400	14265140	14150163	0.82	cps
Terbium	159-2	6151014	6216284	6205905	6191068	0.57	cps
Thallium	203-1	8378001	8413696	8481410	8424369	0.62	cps
Thallium	205-1	19789622	19780137	19855911	19808557	0.21	cps
Tin	118-1	11153787	11404062	11444092	11333981	1.39	cps
Titanium	47-1	1552503	1537364	1529098	1539655	0.77	cps
Uranium	238-1	27229615	27884799	27769411	27627942	1.27	cps
Vanadium	51-2	1742958	1766377	1764767	1758034	0.74	cps
Yttrium	89-1	10351766	10201452	10261624	10271614	0.74	cps
Yttrium	89-2	1380480	1386773	1379329	1382194	0.29	cps
Zinc	66-2	703769	707028	710345	707047	0.47	cps
Zirconium	90-1	12483768	12463448	12455136	12467451	0.12	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06A	Instrumnet Name :	P7
Client Sample ID :	S32-0599A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 13:51:15	DataFile Name :	054SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2722923	2731102	2717480	2723835	0.25	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6661288	6641261	6700442	6667663	0.45	cps
Antimony	121-1	7962471	7913569	8032805	7969615	0.75	cps
Arsenic	75-2	290325	293782	292805	292304	0.61	cps
Barium	135-1	8759423	8714493	8748732	8740883	0.27	cps
Barium	137-1	15160808	15259102	15237697	15219202	0.34	cps
Beryllium	9-1	685347	686497	684301	685382	0.16	cps
Bismuth	209-1	9067917	8937972	9051131	9019007	0.78	cps
Bismuth	209-2	5054410	5063415	5039556	5052460	0.24	cps
Boron	10-1	96457	96215	97866	96846	0.92	cps
Boron	11-1	493079	506968	507248	502432	1.61	cps
Cadmium	111-1	1807548	1836495	1833592	1825878	0.87	cps
Cadmium	106-1	195994	199391	198310	197898	0.88	cps
Cadmium	108-1	130822	133176	134245	132748	1.32	cps
Calcium	43-1	8875047	8965814	8958068	8932976	0.56	cps
Calcium	44-1	142086916	142783824	143208728	142693156	0.40	cps
Chromium	52-2	2335100	2350939	2348198	2344746	0.36	cps
Cobalt	59-2	3762738	3780173	3759275	3767395	0.30	cps
Copper	63-2	5500331	5507007	5489761	5499033	0.16	cps
Dysprosium	156-1	250	200	233	228	11.18	cps
Dysprosium	156-2	90	113	90	98	13.78	cps
Erbium	164-1	183	108	92	128	38.22	cps
Erbium	164-2	50	47	67	54	19.68	cps
Gadolinium	160-1	225	225	250	233	6.18	cps
Gadolinium	160-2	137	180	207	174	20.25	cps
Holmium	165-1	14170514	14216703	14152096	14179771	0.23	cps
Holmium	165-2	7042394	7063077	7104387	7069952	0.45	cps
Indium	115-1	10753581	10826588	10846877	10809015	0.45	cps
Indium	115-2	2144231	2149460	2122596	2138762	0.67	cps
Iron	56-2	480458077	484019900	482629700	482369226	0.37	cps
Iron	57-2	12089438	12096106	12117578	12101041	0.12	cps
Lead	206-1	5596640	5584418	5555223	5578760	0.38	cps
Lead	207-1	5074582	5075943	5103574	5084700	0.32	cps
Lead	208-1	23133954	23192014	23049284	23125084	0.31	cps
Lithium	6-1	588840	582845	586475	586053	0.52	cps
Magnesium	24-2	75029645	75520377	75293420	75281148	0.33	cps
Manganese	55-2	2530164	2554814	2546572	2543850	0.49	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6834064	6794001	6852654	6826906	0.44	cps
Molybdenum	95-1	3563349	3595609	3648214	3602391	1.19	cps
Molybdenum	96-1	4594029	4619599	4689721	4634450	1.07	cps
Molybdenum	97-1	2227679	2244457	2264957	2245698	0.83	cps
Molybdenum	98-1	6002573	6032353	6094444	6043124	0.78	cps
Neodymium	150-1	533	473	507	504	5.96	cps
Neodymium	150-2	83	63	87	78	16.23	cps
Nickel	60-2	1023461	1026398	1018400	1022753	0.40	cps
Phosphorus	31-2	80962	81322	81456	81247	0.31	cps
Potassium	39-2	40154083	40290299	39977581	40140654	0.39	cps
Rhodium	103-1	10055378	10171263	10159820	10128820	0.63	cps
Rhodium	103-2	4862600	4861273	4823576	4849150	0.46	cps
Scandium	45-1	6075621	6179284	6119081	6124662	0.85	cps
Scandium	45-2	323806	325260	322097	323721	0.49	cps
Selenium	77-2	5645	5484	5214	5448	3.99	cps
Selenium	78-2	18842	18577	18454	18624	1.06	cps
Selenium	82-1	107998	108839	109647	108828	0.76	cps
Silicon	28-1	4227609	4375639	4451700	4351649	2.62	cps
Silver	109-1	8822937	8852921	8903062	8859640	0.46	cps
Silver	107-1	9142085	9271017	9257241	9223448	0.77	cps
Sodium	23-2	137154516	137416457	137758603	137443192	0.22	cps
Strontium	86-1	2220324	2254281	2262986	2245864	1.00	cps
Strontium	88-1	19620326	19958921	19766578	19781942	0.86	cps
Sulfur	34-1	987999	1003099	1013524	1001541	1.28	cps
Terbium	159-1	14575534	14471943	14415821	14487766	0.56	cps
Terbium	159-2	7087188	7050133	7087493	7074938	0.30	cps
Thallium	203-1	7185878	6909110	6852363	6982450	2.56	cps
Thallium	205-1	16755617	16715245	16546982	16672615	0.66	cps
Tin	118-1	5785373	5828062	5839157	5817530	0.49	cps
Titanium	47-1	892399	914429	913203	906677	1.37	cps
Uranium	238-1	25060606	25127315	24712637	24966853	0.89	cps
Vanadium	51-2	1874095	1895640	1891014	1886917	0.60	cps
Yttrium	89-1	11101666	11271803	11294144	11222538	0.94	cps
Yttrium	89-2	1687554	1706360	1691154	1695023	0.59	cps
Zinc	66-2	803612	805062	801489	803388	0.22	cps
Zirconium	90-1	12475552	12763058	12733750	12657453	1.25	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:03:18	DataFile Name :	055CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2739087	2778330	2796351	2771256	1.06	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	117	150	139	13.86	cps
Antimony	121-1	15384	14892	13891	14722	5.17	cps
Arsenic	75-2	67	61	80	69	13.75	cps
Barium	135-1	292	200	225	239	19.84	cps
Barium	137-1	533	417	400	450	16.15	cps
Beryllium	9-1	128	67	133	109	33.86	cps
Bismuth	209-1	9556408	9530287	9393373	9493356	0.92	cps
Bismuth	209-2	5378851	5414131	5442735	5411906	0.59	cps
Boron	10-1	1759	1850	1642	1750	5.97	cps
Boron	11-1	9495	8753	9278	9175	4.16	cps
Cadmium	111-1	2569	2637	2552	2586	1.74	cps
Cadmium	106-1	3492	3617	3567	3559	1.77	cps
Cadmium	108-1	13	17	29	19	44.61	cps
Calcium	43-1	750	875	875	833	8.66	cps
Calcium	44-1	171754	168769	162685	167736	2.76	cps
Chromium	52-2	2457	2530	2494	2494	1.47	cps
Cobalt	59-2	120	90	90	100	17.32	cps
Copper	63-2	2420	2680	2600	2567	5.19	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	108	117	92	106	12.06	cps
Gadolinium	160-2	80	93	103	92	12.70	cps
Holmium	165-1	14116249	13779492	14100857	13998866	1.36	cps
Holmium	165-2	7045074	7022532	7062620	7043409	0.29	cps
Indium	115-1	11522430	11351336	11293435	11389067	1.05	cps
Indium	115-2	2205807	2214753	2239923	2220161	0.80	cps
Iron	56-2	15887	15548	15331	15588	1.80	cps
Iron	57-2	417	633	444	498	23.67	cps
Lead	206-1	3973	4162	4284	4140	3.79	cps
Lead	207-1	3834	3612	3628	3691	3.35	cps
Lead	208-1	16933	16365	16727	16675	1.72	cps
Lithium	6-1	616031	610377	612920	613109	0.46	cps
Magnesium	24-2	858	683	783	775	11.33	cps
Manganese	55-2	113	103	93	103	9.68	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2775	2450	2234	2486	10.97	cps
Molybdenum	95-1	2434	2500	2059	2331	10.22	cps
Molybdenum	96-1	3000	2750	2817	2856	4.53	cps
Molybdenum	97-1	1650	1558	1400	1536	8.23	cps
Molybdenum	98-1	3851	3501	3442	3598	6.14	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	103	70	90	19.60	cps
Phosphorus	31-2	258	308	367	311	17.43	cps
Potassium	39-2	57713	57713	56701	57376	1.02	cps
Rhodium	103-1	10939573	10909402	10860421	10903132	0.37	cps
Rhodium	103-2	5165608	5150173	5164963	5160248	0.17	cps
Scandium	45-1	6222264	6171932	6162946	6185714	0.52	cps
Scandium	45-2	311732	310300	312673	311568	0.38	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	107	94	119	107	11.28	cps
Selenium	82-1	-23	-19	21	-7	-364.54	cps
Silicon	28-1	332530	328252	325589	328790	1.07	cps
Silver	109-1	1483	1759	1892	1711	12.17	cps
Silver	107-1	2000	1709	1734	1814	8.91	cps
Sodium	23-2	63409	63971	62656	63345	1.04	cps
Strontium	86-1	1342	1417	1092	1283	13.26	cps
Strontium	88-1	1392	1192	1042	1208	14.53	cps
Sulfur	34-1	471655	473275	475516	473482	0.41	cps
Terbium	159-1	14401883	14350949	14513914	14422248	0.58	cps
Terbium	159-2	7131650	7065075	7127572	7108099	0.52	cps
Thallium	203-1	4668	4168	3917	4251	8.99	cps
Thallium	205-1	11848	10621	9362	10610	11.71	cps
Tin	118-1	4984	4301	4284	4523	8.83	cps
Titanium	47-1	242	183	200	208	14.42	cps
Uranium	238-1	1042	942	733	906	17.37	cps
Vanadium	51-2	57	37	43	46	22.36	cps
Yttrium	89-1	11303012	11409142	11276164	11329439	0.62	cps
Yttrium	89-2	1683427	1677064	1674357	1678283	0.28	cps
Zinc	66-2	503	467	527	499	6.06	cps
Zirconium	90-1	3559	3225	3092	3292	7.30	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:06:45	DataFile Name :	056CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	675	808	708	12.45	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002079	1010577	1004854	1005837	0.43	cps
Antimony	121-1	7532381	7583343	7659267	7591664	0.84	cps
Arsenic	75-2	252418	253664	252932	253005	0.25	cps
Barium	135-1	8281919	8333313	8396779	8337337	0.69	cps
Barium	137-1	14317943	14459602	14621218	14466254	1.05	cps
Beryllium	9-1	562094	552304	552649	555682	1.00	cps
Bismuth	209-1	9141073	9204402	9282212	9209229	0.77	cps
Bismuth	209-2	4731319	4753306	4702790	4729138	0.54	cps
Boron	10-1	89037	89382	90629	89683	0.93	cps
Boron	11-1	473430	464893	464190	467504	1.10	cps
Cadmium	111-1	1723250	1736931	1762700	1740960	1.15	cps
Cadmium	106-1	183895	183085	186775	184585	1.05	cps
Cadmium	108-1	123499	125919	125231	124883	1.00	cps
Calcium	43-1	3316166	3356497	3318601	3330421	0.68	cps
Calcium	44-1	54109353	53489191	53293671	53630738	0.79	cps
Chromium	52-2	2039966	2058587	2053310	2050621	0.47	cps
Cobalt	59-2	3393304	3420419	3419497	3411073	0.45	cps
Copper	63-2	5131861	5155520	5172552	5153311	0.40	cps
Dysprosium	156-1	958	725	1033	906	17.76	cps
Dysprosium	156-2	403	390	413	402	2.91	cps
Erbium	164-1	7953	8470	8036	8153	3.40	cps
Erbium	164-2	3577	3694	3637	3636	1.60	cps
Gadolinium	160-1	1442	1425	1333	1400	4.17	cps
Gadolinium	160-2	653	783	750	729	9.26	cps
Holmium	165-1	13586774	13571756	13647979	13602170	0.30	cps
Holmium	165-2	6245824	6312741	6299507	6286024	0.56	cps
Indium	115-1	11375469	11321639	11485686	11394265	0.73	cps
Indium	115-2	1979856	1998440	1978532	1985609	0.56	cps
Iron	56-2	82707941	85234557	84104644	84015714	1.51	cps
Iron	57-2	2023108	2050783	2046014	2039968	0.73	cps
Lead	206-1	5460509	5578091	5623195	5553931	1.51	cps
Lead	207-1	4970008	5079587	5122468	5057354	1.55	cps
Lead	208-1	22656912	23203065	23273296	23044424	1.46	cps
Lithium	6-1	523264	516138	512890	517431	1.03	cps
Magnesium	24-2	13448076	13483734	13628465	13520092	0.71	cps
Manganese	55-2	2095985	2118348	2115256	2109863	0.57	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6130691	6118204	6192660	6147185	0.65	cps
Molybdenum	95-1	3385861	3427447	3433756	3415688	0.76	cps
Molybdenum	96-1	4258354	4296739	4337449	4297514	0.92	cps
Molybdenum	97-1	2108024	2114946	2158242	2127071	1.28	cps
Molybdenum	98-1	5484297	5714686	5796676	5665220	2.86	cps
Neodymium	150-1	1460	1480	1487	1476	0.94	cps
Neodymium	150-2	480	417	427	441	7.72	cps
Nickel	60-2	950298	959670	953235	954401	0.50	cps
Phosphorus	31-2	450	458	442	450	1.85	cps
Potassium	39-2	11371454	11491573	11327668	11396898	0.74	cps
Rhodium	103-1	9425349	9414982	9542112	9460815	0.75	cps
Rhodium	103-2	4436528	4491073	4455721	4461107	0.62	cps
Scandium	45-1	5211963	5190421	5176812	5193065	0.34	cps
Scandium	45-2	259959	262077	261230	261089	0.41	cps
Selenium	77-2	4361	4601	4621	4527	3.20	cps
Selenium	78-2	15508	15677	15655	15613	0.59	cps
Selenium	82-1	100910	101741	102152	101601	0.62	cps
Silicon	28-1	12243302	12418383	12262942	12308209	0.78	cps
Silver	109-1	8845643	8876882	8947911	8890145	0.59	cps
Silver	107-1	9248166	9193198	9350591	9263985	0.86	cps
Sodium	23-2	79233931	79203566	78995531	79144343	0.16	cps
Strontium	86-1	18901285	19091044	19000231	18997520	0.50	cps
Strontium	88-1	159615720	162238979	162867324	161574008	1.07	cps
Sulfur	34-1	1001005	989820	986874	992566	0.75	cps
Terbium	159-1	13737929	13887146	14063457	13896178	1.17	cps
Terbium	159-2	6210507	6388829	6423413	6340917	1.80	cps
Thallium	203-1	6854042	7234379	7290415	7126278	3.33	cps
Thallium	205-1	16743500	17089031	17102747	16978426	1.20	cps
Tin	118-1	5135325	5236032	5261564	5210974	1.28	cps
Titanium	47-1	776698	775985	779907	777530	0.27	cps
Uranium	238-1	23877936	24126547	24100810	24035098	0.57	cps
Vanadium	51-2	1589881	1598129	1599559	1595856	0.33	cps
Yttrium	89-1	10185228	10282199	10301183	10256203	0.61	cps
Yttrium	89-2	1403844	1421017	1415784	1413548	0.62	cps
Zinc	66-2	697058	704960	703172	701730	0.59	cps
Zirconium	90-1	10951889	10984219	11041767	10992625	0.41	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:28:17	DataFile Name :	057SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2381182	2399521	2423857	2401520	0.89	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	990620	989954	982014	987529	0.48	cps
Antimony	121-1	7570961	7651827	7629630	7617473	0.55	cps
Arsenic	75-2	249414	250276	252041	250577	0.53	cps
Barium	135-1	8386511	8426696	8514450	8442552	0.77	cps
Barium	137-1	14686184	14697552	14859451	14747729	0.66	cps
Beryllium	9-1	519091	511470	519076	516546	0.85	cps
Bismuth	209-1	9233132	9292444	9256774	9260783	0.32	cps
Bismuth	209-2	4749242	4749004	4735313	4744519	0.17	cps
Boron	10-1	84779	86775	84663	85406	1.39	cps
Boron	11-1	434362	437683	439313	437119	0.58	cps
Cadmium	111-1	1743990	1758817	1751193	1751333	0.42	cps
Cadmium	106-1	183817	187862	188250	186643	1.32	cps
Cadmium	108-1	123343	125533	126080	124985	1.16	cps
Calcium	43-1	3262153	3246898	3276123	3261725	0.45	cps
Calcium	44-1	52589804	52761975	53382230	52911337	0.79	cps
Chromium	52-2	2029339	2043280	2025717	2032779	0.46	cps
Cobalt	59-2	3374536	3404021	3396997	3391851	0.45	cps
Copper	63-2	5103105	5121371	5127686	5117387	0.25	cps
Dysprosium	156-1	833	925	1042	933	11.19	cps
Dysprosium	156-2	397	443	387	409	7.40	cps
Erbium	164-1	8111	8495	8403	8336	2.40	cps
Erbium	164-2	3844	3691	3747	3761	2.06	cps
Gadolinium	160-1	1325	1592	1350	1422	10.36	cps
Gadolinium	160-2	690	743	763	732	5.18	cps
Holmium	165-1	13740118	13966840	13878218	13861725	0.82	cps
Holmium	165-2	6323147	6315783	6330569	6323166	0.12	cps
Indium	115-1	10845260	10989759	11015333	10950117	0.84	cps
Indium	115-2	1931190	1943233	1926319	1933581	0.45	cps
Iron	56-2	83864005	83318810	83992755	83725190	0.43	cps
Iron	57-2	2021901	2039431	2034527	2031953	0.45	cps
Lead	206-1	5631122	5675128	5692545	5666265	0.56	cps
Lead	207-1	5115087	5171884	5196017	5160996	0.81	cps
Lead	208-1	23255281	23575548	23610175	23480335	0.83	cps
Lithium	6-1	459720	465326	464963	463336	0.68	cps
Magnesium	24-2	13282230	13348538	13233621	13288130	0.43	cps
Manganese	55-2	2093745	2093025	2092491	2093087	0.03	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6134450	6121463	6179063	6144992	0.49	cps
Molybdenum	95-1	3405276	3429309	3441835	3425473	0.54	cps
Molybdenum	96-1	4324093	4370080	4373623	4355932	0.63	cps
Molybdenum	97-1	2137483	2153577	2162402	2151154	0.59	cps
Molybdenum	98-1	5752602	5813011	5816172	5793928	0.62	cps
Neodymium	150-1	1367	1453	1473	1431	3.96	cps
Neodymium	150-2	483	443	437	454	5.55	cps
Nickel	60-2	943271	950998	949405	947891	0.43	cps
Phosphorus	31-2	450	458	367	425	11.93	cps
Potassium	39-2	11366651	11244974	11170993	11260873	0.88	cps
Rhodium	103-1	9454830	9569419	9585733	9536661	0.75	cps
Rhodium	103-2	4457836	4476568	4463276	4465893	0.22	cps
Scandium	45-1	5062915	5087908	5112138	5087654	0.48	cps
Scandium	45-2	260365	261423	257571	259786	0.77	cps
Selenium	77-2	4587	4421	4637	4549	2.50	cps
Selenium	78-2	15002	15265	15290	15186	1.05	cps
Selenium	82-1	100945	100093	101466	100835	0.69	cps
Silicon	28-1	11541051	11776921	11628245	11648739	1.02	cps
Silver	109-1	8885641	8875106	9010279	8923675	0.84	cps
Silver	107-1	9294257	9399852	9418153	9370754	0.71	cps
Sodium	23-2	78640735	78563073	77822091	78341966	0.58	cps
Strontium	86-1	18803424	18822268	18753199	18792964	0.19	cps
Strontium	88-1	160551941	161996508	161857637	161468695	0.49	cps
Sulfur	34-1	926731	926736	924572	926013	0.13	cps
Terbium	159-1	14008129	14147499	14128732	14094787	0.54	cps
Terbium	159-2	6405124	6268682	6259686	6311164	1.29	cps
Thallium	203-1	7280347	7470580	7418111	7389679	1.33	cps
Thallium	205-1	17212507	17376416	17386331	17325084	0.56	cps
Tin	118-1	5218618	5324056	5310251	5284308	1.08	cps
Titanium	47-1	759978	760399	757005	759127	0.24	cps
Uranium	238-1	24115636	24413288	24233179	24254034	0.62	cps
Vanadium	51-2	1579999	1585902	1582139	1582680	0.19	cps
Yttrium	89-1	10293437	10232719	10323260	10283138	0.45	cps
Yttrium	89-2	1400103	1406089	1406035	1404075	0.25	cps
Zinc	66-2	694098	699071	695529	696233	0.37	cps
Zirconium	90-1	11022467	11060268	11130635	11071123	0.50	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06MSDRE	Instrumnet Name :	P7
Client Sample ID :	S32-0599MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:31:40	DataFile Name :	058SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2390766	2415003	2440327	2415365	1.03	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	985066	969836	975092	976665	0.79	cps
Antimony	121-1	7643400	7609135	7632881	7628472	0.23	cps
Arsenic	75-2	249558	247102	248584	248414	0.50	cps
Barium	135-1	8408534	8439166	8461349	8436349	0.31	cps
Barium	137-1	14606690	14719622	14832433	14719581	0.77	cps
Beryllium	9-1	508429	508044	508149	508207	0.04	cps
Bismuth	209-1	9192640	9242611	9208117	9214456	0.28	cps
Bismuth	209-2	4701168	4672197	4662110	4678492	0.43	cps
Boron	10-1	82266	82517	86220	83668	2.65	cps
Boron	11-1	431802	431436	434269	432502	0.36	cps
Cadmium	111-1	1747107	1742024	1755257	1748129	0.38	cps
Cadmium	106-1	190126	186417	187575	188039	1.01	cps
Cadmium	108-1	126470	124864	125374	125569	0.65	cps
Calcium	43-1	3265190	3246043	3249043	3253425	0.32	cps
Calcium	44-1	53425485	51992338	52261348	52559723	1.45	cps
Chromium	52-2	2033101	2011477	2009526	2018035	0.65	cps
Cobalt	59-2	3377892	3348783	3360947	3362541	0.43	cps
Copper	63-2	5128001	5068069	5093509	5096527	0.59	cps
Dysprosium	156-1	975	817	758	850	13.19	cps
Dysprosium	156-2	417	430	423	423	1.57	cps
Erbium	164-1	8887	8194	8270	8450	4.49	cps
Erbium	164-2	3747	3814	3614	3725	2.73	cps
Gadolinium	160-1	1575	1325	1425	1442	8.73	cps
Gadolinium	160-2	770	813	670	751	9.79	cps
Holmium	165-1	13890402	13935407	13702883	13842897	0.89	cps
Holmium	165-2	6231138	6219011	6222649	6224266	0.10	cps
Indium	115-1	10980749	11067790	10971820	11006786	0.48	cps
Indium	115-2	1914056	1898411	1898397	1903622	0.47	cps
Iron	56-2	83407827	82273924	82749127	82810293	0.69	cps
Iron	57-2	2010281	2014869	2014924	2013358	0.13	cps
Lead	206-1	5627115	5655688	5705302	5662701	0.70	cps
Lead	207-1	5131548	5145753	5129332	5135544	0.17	cps
Lead	208-1	23411555	23505449	23511706	23476237	0.24	cps
Lithium	6-1	444759	451602	453690	450017	1.04	cps
Magnesium	24-2	13478278	13182839	13180132	13280416	1.29	cps
Manganese	55-2	2082048	2065959	2077660	2075222	0.40	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6186925	6166478	6206107	6186503	0.32	cps
Molybdenum	95-1	3435773	3458443	3439696	3444637	0.35	cps
Molybdenum	96-1	4359481	4341535	4384614	4361877	0.50	cps
Molybdenum	97-1	2159818	2143553	2151634	2151668	0.38	cps
Molybdenum	98-1	5831274	5833645	5787434	5817451	0.45	cps
Neodymium	150-1	1393	1407	1520	1440	4.83	cps
Neodymium	150-2	400	390	440	410	6.45	cps
Nickel	60-2	931340	937456	938073	935623	0.40	cps
Phosphorus	31-2	408	450	400	419	6.39	cps
Potassium	39-2	11242538	11074911	11215530	11177660	0.81	cps
Rhodium	103-1	9551518	9603339	9532393	9562417	0.38	cps
Rhodium	103-2	4462070	4413197	4422400	4432555	0.59	cps
Scandium	45-1	5121180	5057386	5038778	5072448	0.85	cps
Scandium	45-2	255699	255713	254235	255216	0.33	cps
Selenium	77-2	4677	4617	4624	4640	0.71	cps
Selenium	78-2	15026	15073	14741	14947	1.20	cps
Selenium	82-1	101133	100970	100286	100796	0.45	cps
Silicon	28-1	11527310	11502697	11547073	11525693	0.19	cps
Silver	109-1	8875192	8908640	8968073	8917302	0.53	cps
Silver	107-1	9355601	9291529	9257207	9301446	0.54	cps
Sodium	23-2	78255881	77222250	77588504	77688878	0.67	cps
Strontium	86-1	19045025	18906345	18922418	18957929	0.40	cps
Strontium	88-1	162031533	163356629	161204187	162197449	0.67	cps
Sulfur	34-1	922455	922024	918756	921079	0.22	cps
Terbium	159-1	14269701	14179936	14036721	14162119	0.83	cps
Terbium	159-2	6222806	6160183	6181595	6188195	0.51	cps
Thallium	203-1	7455777	7472814	7360862	7429818	0.81	cps
Thallium	205-1	17358924	17373439	17301762	17344709	0.22	cps
Tin	118-1	5276429	5293099	5305067	5291532	0.27	cps
Titanium	47-1	763855	752162	755855	757291	0.79	cps
Uranium	238-1	24112348	24446093	24404051	24320831	0.75	cps
Vanadium	51-2	1580331	1584139	1565037	1576502	0.64	cps
Yttrium	89-1	10202944	10322226	10355307	10293492	0.78	cps
Yttrium	89-2	1398902	1389505	1382685	1390364	0.59	cps
Zinc	66-2	693894	693131	689122	692049	0.37	cps
Zirconium	90-1	10963641	11183181	10959952	11035591	1.16	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	I5503-06ARE	Instrumnet Name :	P7
Client Sample ID :	S32-0599ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:35:03	DataFile Name :	059SMPL_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2406268	2394171	2423008	2407816	0.60	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6564011	6670368	6585211	6606530	0.85	cps
Antimony	121-1	7747160	7781049	7760129	7762779	0.22	cps
Arsenic	75-2	287774	291056	292907	290579	0.89	cps
Barium	135-1	8618362	8605312	8593660	8605778	0.14	cps
Barium	137-1	14929332	14957647	15074491	14987157	0.51	cps
Beryllium	9-1	677420	685448	678345	680404	0.65	cps
Bismuth	209-1	8960148	8983732	8888452	8944111	0.55	cps
Bismuth	209-2	5004733	5068347	5095277	5056119	0.92	cps
Boron	10-1	92382	95047	95132	94187	1.66	cps
Boron	11-1	487798	499925	500288	496004	1.43	cps
Cadmium	111-1	1770417	1797883	1802006	1790102	0.96	cps
Cadmium	106-1	194563	195691	197997	196084	0.89	cps
Cadmium	108-1	130242	129464	129166	129624	0.43	cps
Calcium	43-1	8682586	8732651	8791626	8735621	0.62	cps
Calcium	44-1	137978570	139449274	140393041	139273628	0.87	cps
Chromium	52-2	2302038	2334699	2338650	2325129	0.86	cps
Cobalt	59-2	3715718	3758833	3754073	3742875	0.63	cps
Copper	63-2	5389249	5441409	5476981	5435880	0.81	cps
Dysprosium	156-1	242	175	258	225	19.60	cps
Dysprosium	156-2	107	103	117	109	6.37	cps
Erbium	164-1	133	42	100	92	50.62	cps
Erbium	164-2	30	43	47	40	22.05	cps
Gadolinium	160-1	233	258	200	231	12.69	cps
Gadolinium	160-2	193	180	147	173	13.87	cps
Holmium	165-1	13855225	13932438	13922051	13903238	0.30	cps
Holmium	165-2	7094187	7029737	7065522	7063149	0.46	cps
Indium	115-1	10596804	10631515	10566252	10598190	0.31	cps
Indium	115-2	2108617	2129414	2142558	2126863	0.80	cps
Iron	56-2	477376433	481930600	480507866	479938300	0.49	cps
Iron	57-2	11896148	12088346	12123096	12035863	1.02	cps
Lead	206-1	5443042	5484639	5476739	5468140	0.40	cps
Lead	207-1	4938503	5021330	4991648	4983827	0.84	cps
Lead	208-1	22546093	22902723	22627352	22692056	0.82	cps
Lithium	6-1	583830	581025	587284	584046	0.54	cps
Magnesium	24-2	73846606	75528914	75404075	74926532	1.25	cps
Manganese	55-2	2512461	2536070	2528900	2525810	0.48	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6746911	6756662	6742645	6748740	0.11	cps
Molybdenum	95-1	3494471	3542154	3562851	3533159	0.99	cps
Molybdenum	96-1	4469936	4496379	4548407	4504908	0.89	cps
Molybdenum	97-1	2172028	2195591	2226474	2198031	1.24	cps
Molybdenum	98-1	5899991	5932417	5895322	5909243	0.34	cps
Neodymium	150-1	453	493	493	480	4.81	cps
Neodymium	150-2	63	70	97	77	23.01	cps
Nickel	60-2	1011460	1014022	1024951	1016811	0.70	cps
Phosphorus	31-2	78892	81682	81230	80601	1.86	cps
Potassium	39-2	39351856	39782740	39958630	39697742	0.79	cps
Rhodium	103-1	9865294	9908506	9927506	9900435	0.32	cps
Rhodium	103-2	4778076	4817887	4825263	4807075	0.53	cps
Scandium	45-1	5970079	5981637	6061130	6004282	0.83	cps
Scandium	45-2	313836	322707	323566	320036	1.68	cps
Selenium	77-2	5434	5398	5331	5388	0.97	cps
Selenium	78-2	18512	18308	18714	18511	1.10	cps
Selenium	82-1	105702	107284	107315	106767	0.86	cps
Silicon	28-1	4141751	4219002	4269358	4210037	1.53	cps
Silver	109-1	8598009	8718510	8691549	8669356	0.73	cps
Silver	107-1	8964571	9092418	9107227	9054739	0.87	cps
Sodium	23-2	134963786	137228661	137954599	136715682	1.14	cps
Strontium	86-1	2164299	2191012	2204511	2186607	0.94	cps
Strontium	88-1	19458293	19348350	19571379	19459341	0.57	cps
Sulfur	34-1	989836	997553	997073	994821	0.43	cps
Terbium	159-1	14245680	14276541	14389957	14304060	0.53	cps
Terbium	159-2	7039670	7029818	7109592	7059693	0.62	cps
Thallium	203-1	7009612	6759199	6733951	6834254	2.23	cps
Thallium	205-1	16470138	16500078	16492895	16487704	0.09	cps
Tin	118-1	5608236	5697600	5655989	5653942	0.79	cps
Titanium	47-1	879569	888270	895736	887858	0.91	cps
Uranium	238-1	24436688	24641473	24221076	24433079	0.86	cps
Vanadium	51-2	1849453	1880464	1883191	1871036	1.00	cps
Yttrium	89-1	10916135	11077502	10947840	10980492	0.78	cps
Yttrium	89-2	1674449	1696596	1689387	1686811	0.67	cps
Zinc	66-2	792395	801271	804627	799431	0.79	cps
Zirconium	90-1	12327982	12566288	12564315	12486195	1.10	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 14:47:54	DataFile Name :	060CCV_P7100317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2706520	2708098	2729695	2714771	0.48	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	92	111	15.61	cps
Antimony	121-1	1684	1842	1792	1772	4.57	cps
Arsenic	75-2	33	24	31	30	16.54	cps
Barium	135-1	50	92	108	83	36.06	cps
Barium	137-1	167	117	67	117	42.86	cps
Beryllium	9-1	83	117	56	85	35.92	cps
Bismuth	209-1	9616668	9367234	9462638	9482180	1.33	cps
Bismuth	209-2	5298694	5361016	5395784	5351831	0.92	cps
Boron	10-1	1600	1367	1483	1483	7.86	cps
Boron	11-1	6919	6885	6610	6805	2.49	cps
Cadmium	111-1	2489	2420	2392	2433	2.06	cps
Cadmium	106-1	3501	3426	3384	3437	1.72	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	600	550	592	581	4.61	cps
Calcium	44-1	138459	138904	138385	138583	0.20	cps
Chromium	52-2	2327	2104	2330	2254	5.77	cps
Cobalt	59-2	90	93	123	102	17.96	cps
Copper	63-2	1523	1517	1617	1552	3.60	cps
Dysprosium	156-1	33	8	0	14	124.92	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	100	158	175	144	27.27	cps
Gadolinium	160-2	127	140	100	122	16.66	cps
Holmium	165-1	13604021	13750835	13803633	13719496	0.75	cps
Holmium	165-2	6890061	6939049	7054805	6961305	1.22	cps
Indium	115-1	11041032	11136383	11145769	11107728	0.52	cps
Indium	115-2	2124076	2129996	2172180	2142084	1.22	cps
Iron	56-2	9431	9031	9270	9244	2.18	cps
Iron	57-2	450	372	417	413	9.45	cps
Lead	206-1	3956	4368	4245	4190	5.04	cps
Lead	207-1	3623	3823	3734	3727	2.69	cps
Lead	208-1	16299	17338	16999	16879	3.14	cps
Lithium	6-1	645686	647343	651466	648165	0.46	cps
Magnesium	24-2	342	358	300	333	9.01	cps
Manganese	55-2	97	110	123	110	12.12	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	917	808	820	11.25	cps
Molybdenum	95-1	367	267	333	322	15.80	cps
Molybdenum	96-1	508	633	642	594	12.57	cps
Molybdenum	97-1	225	233	283	247	12.76	cps
Molybdenum	98-1	600	483	642	575	14.27	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	93	83	92	9.09	cps
Phosphorus	31-2	342	267	358	322	15.15	cps
Potassium	39-2	50370	51624	48464	50153	3.17	cps
Rhodium	103-1	10670379	10566375	10667149	10634634	0.56	cps
Rhodium	103-2	4947636	4976537	5049649	4991274	1.05	cps
Scandium	45-1	5966922	6000866	6014617	5994135	0.41	cps
Scandium	45-2	295571	297926	300324	297940	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	102	85	93	9.16	cps
Selenium	82-1	38	14	18	23	53.71	cps
Silicon	28-1	297741	299179	303087	300002	0.92	cps
Silver	109-1	608	658	617	628	4.27	cps
Silver	107-1	792	642	458	631	26.48	cps
Sodium	23-2	41826	40497	42327	41550	2.28	cps
Strontium	86-1	1092	1208	1150	1150	5.07	cps
Strontium	88-1	508	617	692	606	15.22	cps
Sulfur	34-1	515240	510670	511551	512487	0.47	cps
Terbium	159-1	14259474	14079295	14120898	14153222	0.67	cps
Terbium	159-2	6970503	6930161	7022526	6974397	0.66	cps
Thallium	203-1	1058	883	725	889	18.76	cps
Thallium	205-1	2159	2084	2067	2103	2.32	cps
Tin	118-1	2050	1850	1984	1961	5.19	cps
Titanium	47-1	167	150	217	178	19.52	cps
Uranium	238-1	167	225	150	181	21.81	cps
Vanadium	51-2	30	33	43	36	19.51	cps
Yttrium	89-1	10997555	11026968	10964776	10996433	0.28	cps
Yttrium	89-2	1601663	1597028	1627287	1608659	1.01	cps
Zinc	66-2	383	337	337	352	7.65	cps
Zirconium	90-1	1900	1692	1859	1817	6.07	cps

LB Number :	LB90536	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-03 15:03:14	DataFile Name :	061CCBE_P7100317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	417	375	397	5.28	cps