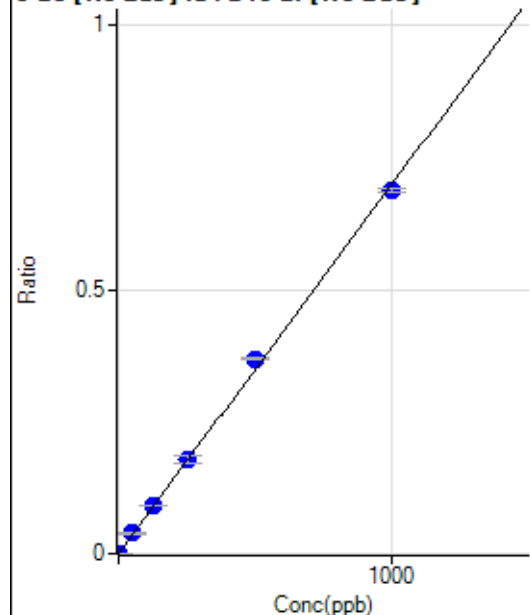


Calibration for 061SMPL.d

Batch Folder: D:\ICP-MS Data\P7070519-MS.b\
 Analysis File: P7070519-MS.batch.bin
 DA Date-Time: 2019-07-05 17:25:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-05 13:08:40
2			
3	005CALS.d	S02	2019-07-05 13:16:52
4	006CALS.d	S03	2019-07-05 13:21:10
5	007CALS.d	S04	2019-07-05 13:25:30
6	008CALS.d	S05	2019-07-05 13:29:46
7	009CALS.d	S06	2019-07-05 13:34:00
8	010CALS.d	S07	2019-07-05 13:38:11
9	011CALS.d	S08	2019-07-05 13:42:22

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	42.3
2	☐	0.100					
3	☐	1.000	1.009	1322.30	0.0007	P	3.2
4	☐	50.000	55.149	69461.26	0.0385	P	4.9
5	☐	125.000	130.225	167931.21	0.0910	P	0.9
6	☐	250.000	255.910	327608.97	0.1787	P	6.8
7	☐	500.000	528.415	663488.05	0.3690	P	0.9
8	☐	1000.000	983.405	1285268.57	0.6866	P	1.2
9	☐			216.67	0.0001	P	15.1

$$y = 6.9818\text{E-}004 * x + 3.3499\text{E-}005$$

$$R = 0.9994$$

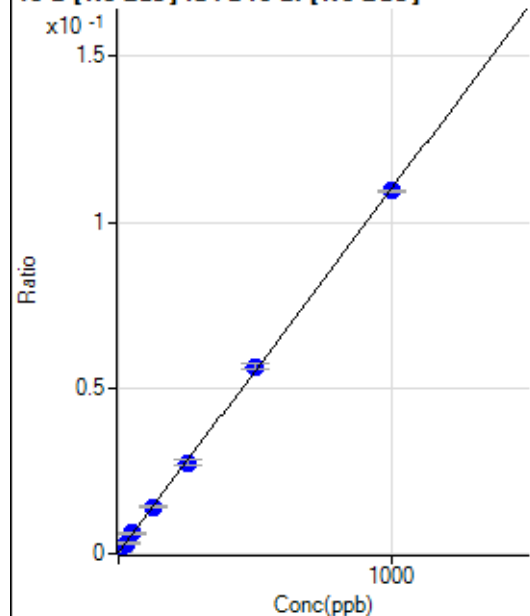
$$DL = 0.06092$$

$$BEC = 0.04798$$

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	650.04	0.0004	P	8.5
2	☐	2.500					
3	☐	25.000	25.673	5676.33	0.0032	P	5.8
4	☐	50.000	53.652	11232.40	0.0062	P	7.3
5	☐	125.000	125.667	26087.13	0.0141	P	2.4
6	☐	250.000	247.685	50409.85	0.0275	P	7.3
7	☐	500.000	511.273	101409.20	0.0564	P	2.7
8	☐	1000.000	994.659	204747.51	0.1094	P	0.6
9	☐			10787.58	0.0063	P	7.4

$$y = 1.0961\text{E-}004 * x + 3.5599\text{E-}004$$

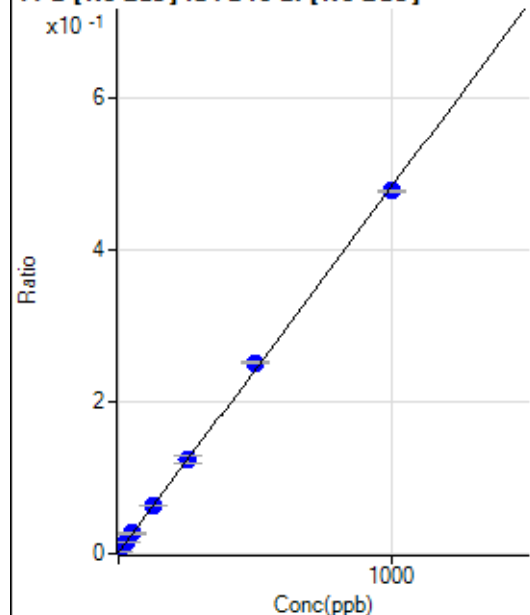
$$R = 0.9999$$

$$DL = 0.8248$$

$$BEC = 3.248$$

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	2822.60	0.0015	P	9.6
2	☐	2.500					
3	☐	25.000	27.359	26351.62	0.0147	P	9.4
4	☐	50.000	53.281	49049.96	0.0272	P	5.0
5	☐	125.000	127.779	116517.17	0.0631	P	0.5
6	☐	250.000	253.459	226583.48	0.1237	P	7.8
7	☐	500.000	518.877	452282.77	0.2515	P	1.1
8	☐	1000.000	989.126	894893.71	0.4781	P	0.7
9	☐			47018.96	0.0273	P	8.6

$$y = 4.8175E-004 * x + 0.0015$$

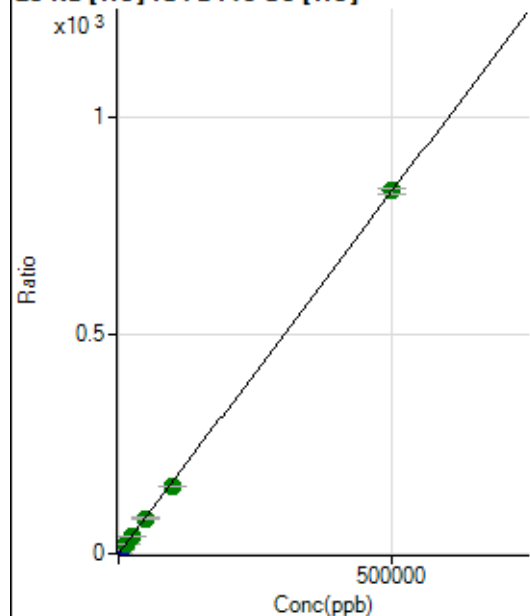
$$R = 0.9997$$

$$DL = 0.921$$

$$BEC = 3.21$$

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	7552.18	0.0439	P	2.6
2	☐	50.000					
3	☐	500.000	509.147	149982.51	0.8869	P	0.5
4	☐	5000.000	5276.007	1420611.53	8.7791	P	0.8
5	☐	12500.000	12300.459	3417146.47	20.4089	A	0.0
6	☐	25000.000	24792.136	6728812.56	41.0905	A	0.5
7	☐	50000.000	49136.930	13870736.42	81.3964	A	0.8
8	☐	100000.00	92883.646	27600912.77	153.8247	A	1.6
9	☐	500000.00	501522.19	137387412.7	830.3783	A	1.4

$$y = 0.0017 * x + 0.0439$$

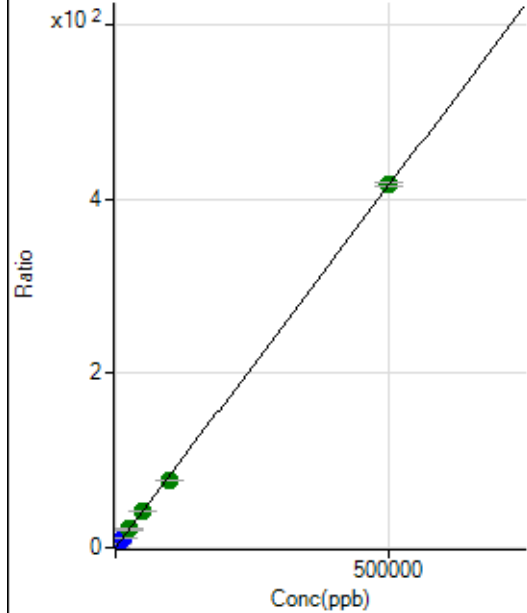
$$R = 0.9999$$

$$DL = 2.106$$

$$BEC = 26.54$$

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	97.23	0.0006	P	19.9
2	☐	50.000					
3	☐	500.000	527.396	74250.81	0.4391	P	0.4
4	☐	5000.000	5375.983	723405.71	4.4706	P	1.0
5	☐	12500.000	12425.161	1729853.88	10.3318	P	0.5
6	☐	25000.000	25344.147	3450787.23	21.0736	A	1.2
7	☐	50000.000	49669.252	7037577.59	41.2993	A	1.3
8	☐	100000.00	93650.294	13972036.25	77.8684	A	1.4
9	☐	500000.00	501283.89	68964534.87	416.8054	A	1.0

$$y = 8.3147\text{E-}004 * x + 5.6586\text{E-}004$$

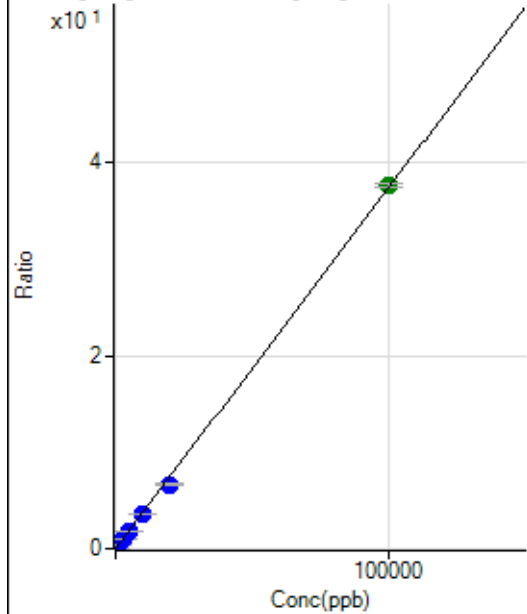
$$R = 0.9999$$

$$DL = 0.4069$$

$$BEC = 0.6805$$

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	108.34	0.0006	P	15.2
2	☐	2.000					
3	☐	20.000	18.650	1286.22	0.0076	P	8.1
4	☐	1000.000	1027.433	62269.23	0.3848	P	1.8
5	☐	2500.000	2412.629	151168.13	0.9028	P	0.7
6	☐	5000.000	4857.452	297554.73	1.8171	P	1.8
7	☐	10000.000	9441.435	601727.27	3.5313	P	1.7
8	☐	20000.000	17749.587	1191041.16	6.6382	P	1.8
9	☐	100000.00	100514.97	6219384.73	37.5886	A	1.1

$$y = 3.7395\text{E-}004 * x + 6.3029\text{E-}004$$

$$R = 0.9997$$

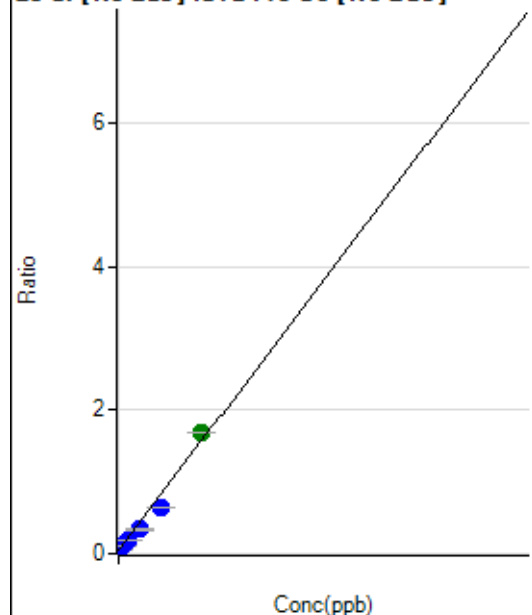
$$DL = 0.7687$$

$$BEC = 1.685$$

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	145298.77	0.0461	P	0.7
2	☐	1.000					
3	☐	10.000	13.160	209704.02	0.0662	P	22.7
4	☐	50.000	41.891	340254.62	0.1102	P	6.5
5	☐	125.000	97.104	605971.91	0.1947	P	0.5
6	☐	250.000	190.515	1061561.90	0.3377	P	7.9
7	☐	500.000	386.689	2011018.40	0.6380	P	1.1
8	☐	1000.000	1075.387	5489810.11	1.6923	A	1.1
9	☐			268001.12	0.0914	P	1.9

$$y = 0.0015 * x + 0.0461$$

$$R = 0.9893$$

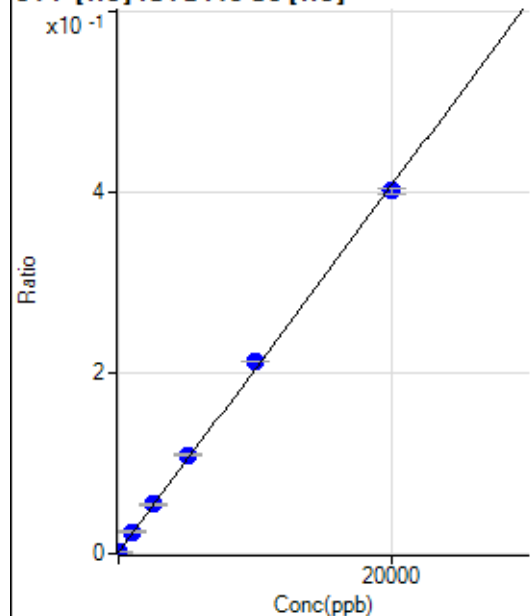
$$DL = 0.6678$$

$$BEC = 30.08$$

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	-27.510	177.78	0.0010	P	5.2
2	☐	0.000					
3	☐	0.000	27.510	363.91	0.0022	P	13.0
4	☐	1000.000	1112.427	3911.78	0.0242	P	3.0
5	☐	2500.000	2620.320	9169.83	0.0548	P	3.5
6	☐	5000.000	5303.353	17883.54	0.1092	P	1.6
7	☐	10000.000	10383.993	36183.62	0.2123	P	0.2
8	☐	20000.000	19711.504	72060.67	0.4016	P	1.4
9	☐			250.01	0.0015	P	4.9

$$y = 2.0293E-005 * x + 0.0016$$

$$R = 0.9996$$

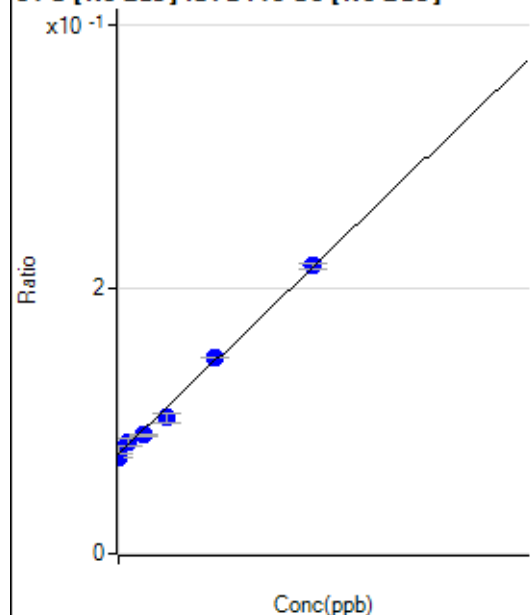
$$DL = 24.61$$

$$BEC = 78.48$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-394.861	229269.88	0.0727	P	1.5
2	☐	0.000					
3	☐	0.000	394.861	248344.42	0.0782	P	7.1
4	☐	1000.000	1249.080	260092.11	0.0842	P	6.6
5	☐	2500.000	2018.719	278947.19	0.0896	P	2.1
6	☐	5000.000	3857.202	322489.95	0.1026	P	7.2
7	☐	10000.000	10319.249	466385.05	0.1480	P	0.5
8	☐	20000.000	20173.781	704597.47	0.2172	P	1.9
9	☐			195179.03	0.0665	P	1.8

$$y = 7.0270\text{E-}006 * x + 0.0754$$

$$R = 0.9972$$

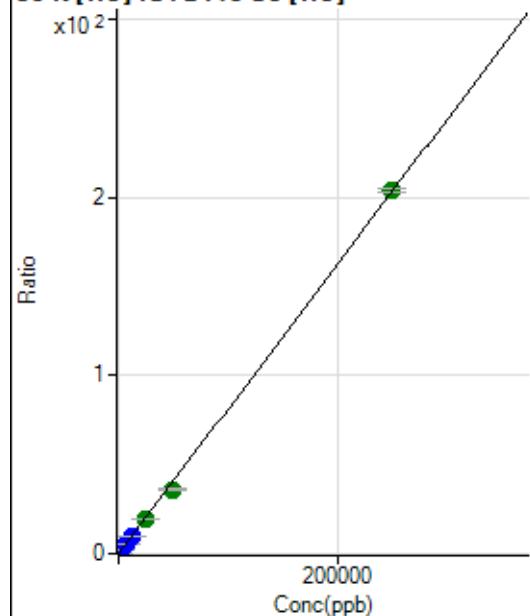
$$DL = 1415$$

$$BEC = 1.074\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15422.41	0.0897	P	2.3
2	☐	50.000					
3	☐	500.000	496.521	83154.88	0.4917	P	1.0
4	☐	2500.000	2581.522	352701.67	2.1798	P	1.9
5	☐	6250.000	6066.443	837374.43	5.0013	P	0.6
6	☐	12500.000	12224.964	1635496.92	9.9874	P	1.5
7	☐	25000.000	23760.467	3293425.03	19.3269	A	1.1
8	☐	50000.000	44488.874	6479068.81	36.1092	A	1.4
9	☐	250000.00	251243.71	33671762.56	203.5037	A	0.9

$$y = 8.0963\text{E-}004 * x + 0.0897$$

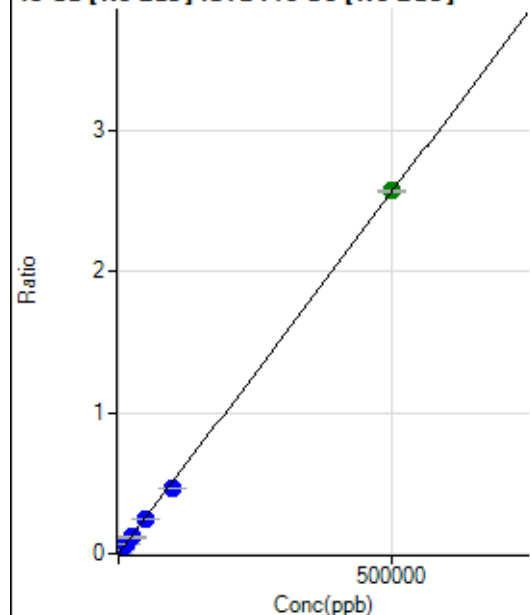
$$R = 0.9997$$

$$DL = 7.711$$

$$BEC = 110.8$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	18.8
2	☐	50.000					
3	☐	500.000	509.002	8405.53	0.0027	P	15.6
4	☐	5000.000	5010.583	79401.89	0.0257	P	6.3
5	☐	12500.000	12038.687	192071.39	0.0617	P	0.7
6	☐	25000.000	23561.138	379519.28	0.1207	P	8.1
7	☐	50000.000	47600.992	768761.70	0.2439	P	0.3
8	☐	100000.00	90695.348	1507221.83	0.4646	P	1.9
9	☐	500000.00	502184.19	7546519.09	2.5726	A	0.5

$$y = 5.1227\text{E-}006 * x + 4.3156\text{E-}005$$

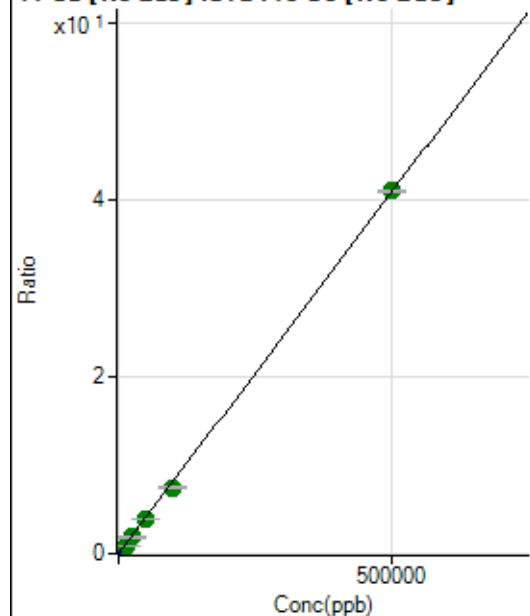
$$R = 0.9998$$

$$DL = 4.763$$

$$BEC = 8.424$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10484.68	0.0033	P	1.8
2	☐	50.000					
3	☐	500.000	510.038	142785.57	0.0450	P	15.8
4	☐	5000.000	4915.726	1251269.35	0.4053	P	7.0
5	☐	12500.000	11740.699	2998255.86	0.9634	A	0.2
6	☐	25000.000	23057.567	5939863.07	1.8888	A	7.1
7	☐	50000.000	47034.516	12133803.57	3.8494	A	0.6
8	☐	100000.00	90999.559	24148267.55	7.4445	A	1.9
9	☐	500000.00	502213.57	120475636.0	41.0702	A	0.6

$$y = 8.1772\text{E-}005 * x + 0.0033$$

$$R = 0.9998$$

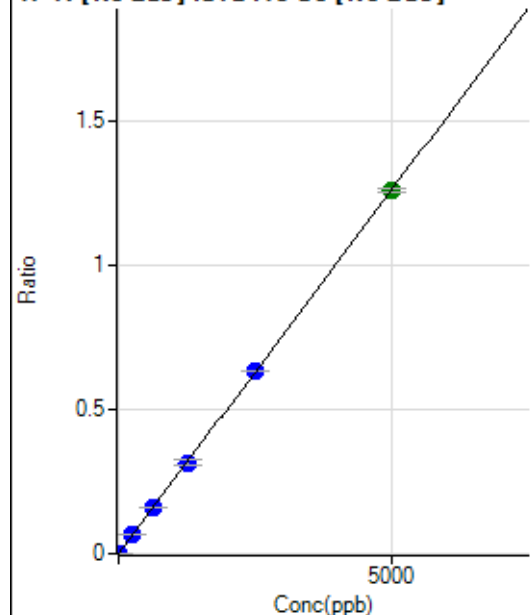
$$DL = 2.232$$

$$BEC = 40.64$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	4.147	3422.76	0.0011	P	0.3
4	☐	250.000	268.572	209508.79	0.0678	P	6.3
5	☐	625.000	638.549	501865.79	0.1613	P	0.7
6	☐	1250.000	1255.014	996432.36	0.3169	P	7.4
7	☐	2500.000	2512.565	1999760.42	0.6344	P	0.5
8	☐	5000.000	4989.843	4087204.21	1.2599	A	1.1
9	☐			947.30	0.0003	P	13.6

$$y = 2.5249\text{E-}004 * x + 2.9961\text{E-}005$$

$$R = 1.0000$$

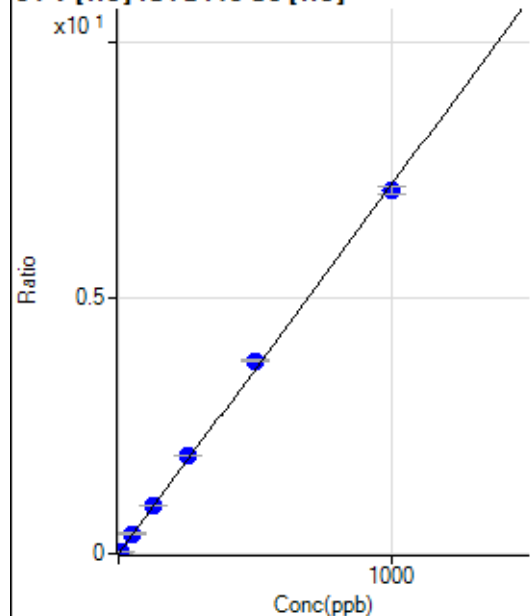
$$DL = 0.09749$$

$$BEC = 0.1187$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0001	P	43.1
2	☐	0.500					
3	☐	5.000	5.479	6690.51	0.0396	P	0.8
4	☐	50.000	54.605	63723.65	0.3938	P	1.4
5	☐	125.000	130.545	157621.46	0.9414	P	0.9
6	☐	250.000	265.805	313893.26	1.9168	P	1.4
7	☐	500.000	523.292	643068.99	3.7736	P	0.7
8	☐	1000.000	983.477	1272460.12	7.0920	P	2.1
9	☐			272.23	0.0016	P	15.5

$$y = 0.0072 * x + 5.1707\text{E-}005$$

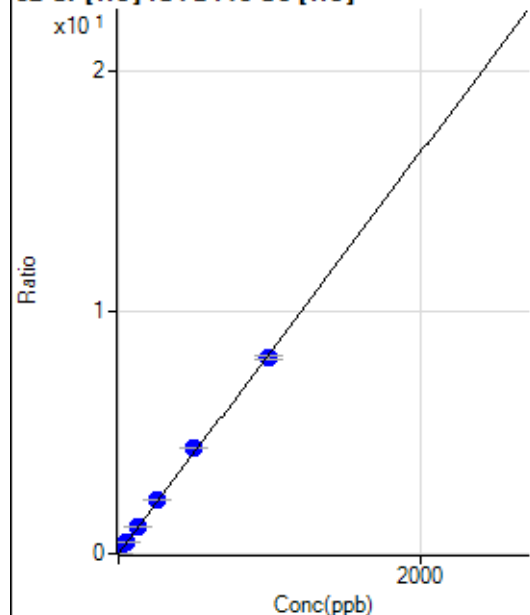
$$R = 0.9995$$

$$DL = 0.009267$$

$$BEC = 0.00717$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.13	0.0029	P	3.8
2	☐	0.200					
3	☐	2.000	2.108	3439.35	0.0203	P	4.3
4	☐	50.000	55.764	75292.19	0.4653	P	1.3
5	☐	125.000	133.129	185332.85	1.1069	P	0.5
6	☐	250.000	270.672	368055.79	2.2476	P	1.2
7	☐	500.000	529.211	748391.91	4.3916	P	0.6
8	☐	1000.000	978.922	1457014.49	8.1211	P	2.3
9	☐			11752.62	0.0710	P	0.9

$$y = 0.0083 * x + 0.0029$$

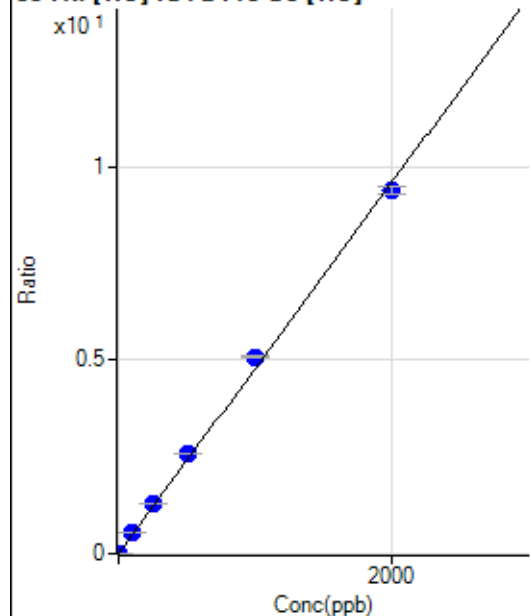
$$R = 0.9991$$

$$DL = 0.03935$$

$$BEC = 0.3446$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0001	P	47.8
2	☐	0.100					
3	☐	1.000	1.099	914.49	0.0054	P	4.4
4	☐	100.000	112.824	87477.94	0.5406	P	1.1
5	☐	250.000	266.417	213692.73	1.2763	P	0.3
6	☐	500.000	539.787	423432.76	2.5858	P	0.9
7	☐	1000.000	1060.123	865336.19	5.0782	P	1.3
8	☐	2000.000	1957.298	1682167.16	9.3757	P	2.1
9	☐			4976.48	0.0301	P	4.2

$$y = 0.0048 * x + 1.4219E-004$$

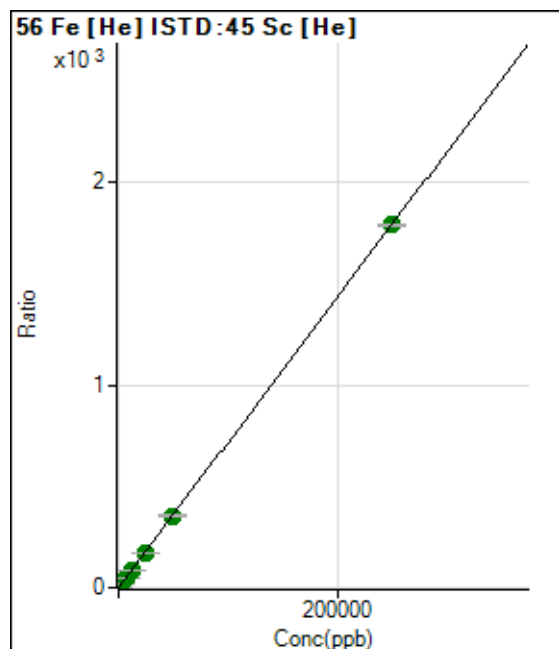
$$R = 0.9991$$

$$DL = 0.04255$$

$$BEC = 0.02968$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2609.56	0.0152	P	4.5
2	☐	5.000					
3	☐	50.000	50.245	63422.14	0.3750	P	0.6
4	☐	2500.000	2534.149	2939436.46	18.1650	A	1.1
5	☐	6250.000	6043.162	7249354.44	43.2969	A	0.1
6	☐	12500.000	12347.516	14483644.88	88.4493	A	1.2
7	☐	25000.000	24219.191	29559972.42	173.4754	A	1.6
8	☐	50000.000	49648.450	63804105.59	355.6023	A	1.6
9	☐	250000.00	250160.84	296457458.4	1,791.691	A	0.8

$$y = 0.0072 * x + 0.0152$$

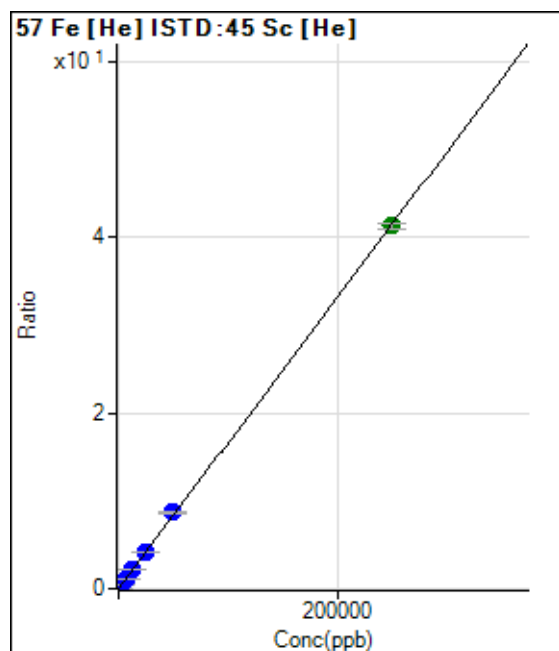
$$R = 1.0000$$

$$DL = 0.2833$$

$$BEC = 2.12$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.19	0.0011	P	7.5
2	☐	5.000					
3	☐	50.000	52.855	1661.25	0.0098	P	8.2
4	☐	2500.000	2637.373	70764.84	0.4373	P	1.4
5	☐	6250.000	6232.948	172799.14	1.0321	P	1.2
6	☐	12500.000	12654.590	342954.89	2.0943	P	1.5
7	☐	25000.000	24907.716	702316.01	4.1212	P	0.3
8	☐	50000.000	52647.328	1562742.67	8.7097	P	1.6
9	☐	250000.00	249471.08	6827751.54	41.2673	A	1.4

$$y = 1.6541E-004 * x + 0.0011$$

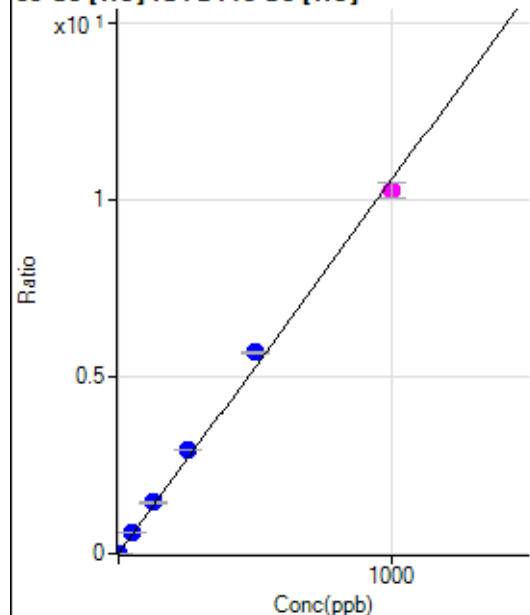
$$R = 0.9999$$

$$DL = 1.458$$

$$BEC = 6.514$$

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	46.67	0.0003	P	18.9
2	☐	0.100					
3	☐	1.000	1.077	1970.16	0.0116	P	4.4
4	☐	50.000	57.790	98842.20	0.6109	P	1.6
5	☐	125.000	136.466	241451.55	1.4421	P	0.9
6	☐	250.000	277.925	480922.34	2.9367	P	0.6
7	☐	500.000	540.053	972402.92	5.7063	P	0.9
8	☐	1000.000	971.169	1840576.59	10.2614	M	4.2
9	☐			23947.53	0.1447	P	1.7

$$y = 0.0106 * x + 2.7153E-004$$

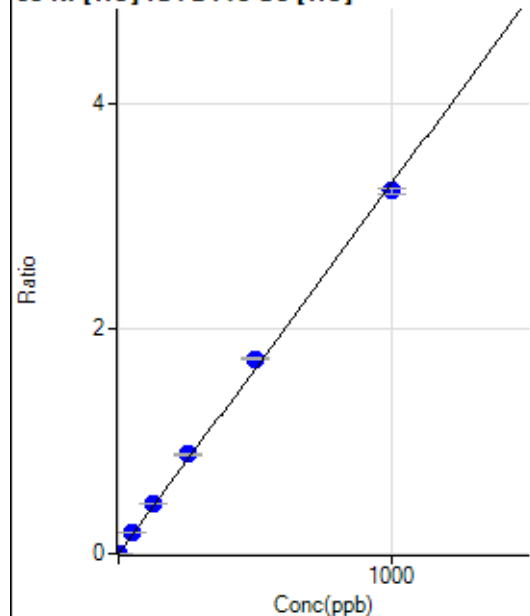
$$R = 0.9983$$

$$DL = 0.01453$$

$$BEC = 0.0257$$

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	37.15	0.0002	P	24.2
2	☐	0.100					
3	☐	1.000	1.103	649.05	0.0038	P	4.8
4	☐	50.000	56.208	29896.46	0.1848	P	1.7
5	☐	125.000	133.854	73622.62	0.4397	P	0.7
6	☐	250.000	269.599	144993.55	0.8854	P	1.6
7	☐	500.000	525.474	294045.52	1.7255	P	0.9
8	☐	1000.000	980.946	577920.51	3.2210	P	1.8
9	☐			6525.29	0.0394	P	2.9

$$y = 0.0033 * x + 2.1615E-004$$

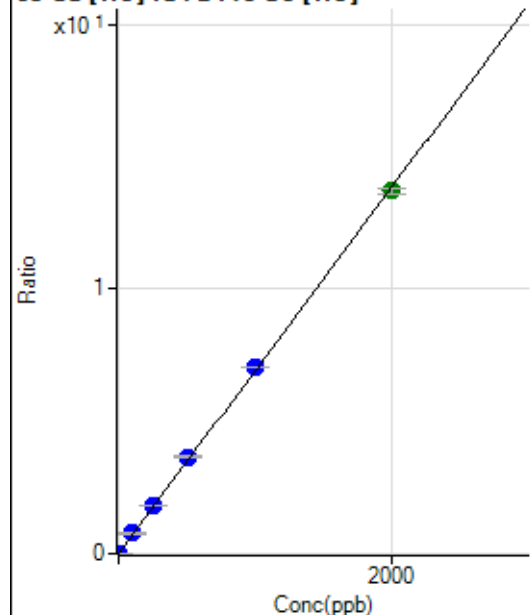
$$R = 0.9993$$

$$DL = 0.0477$$

$$BEC = 0.06583$$

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	317.79	0.0018	P	12.5
2	☐	0.200					
3	☐	2.000	2.110	2781.42	0.0164	P	3.6
4	☐	100.000	110.509	124016.83	0.7664	P	1.5
5	☐	250.000	261.023	302688.30	1.8078	P	0.6
6	☐	500.000	529.944	600736.23	3.6685	P	1.9
7	☐	1000.000	1017.474	1199994.76	7.0417	P	0.5
8	☐	2000.000	1981.874	2460771.70	13.7143	A	1.4
9	☐			3094.82	0.0187	P	2.2

$$y = 0.0069 * x + 0.0018$$

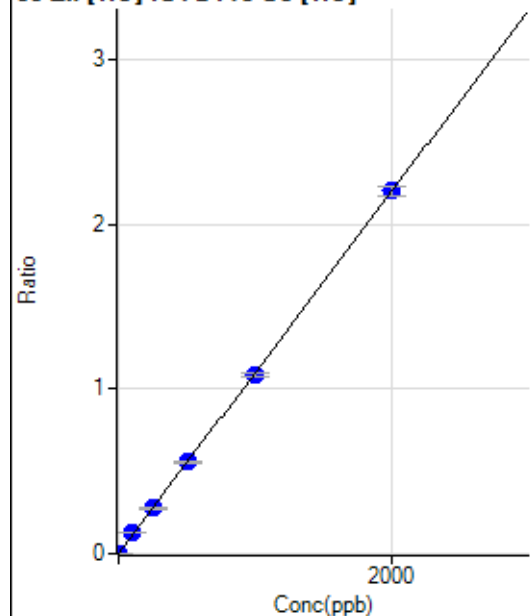
$$R = 0.9998$$

$$DL = 0.09989$$

$$BEC = 0.2672$$

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	115.56	0.0007	P	19.1
2	☐	0.200					
3	☐	2.000	1.876	462.24	0.0027	P	2.4
4	☐	100.000	113.045	20197.49	0.1248	P	2.6
5	☐	250.000	249.198	45942.15	0.2744	P	0.9
6	☐	500.000	507.366	91366.72	0.5579	P	1.4
7	☐	1000.000	987.526	184955.14	1.0853	P	1.1
8	☐	2000.000	2003.844	395009.57	2.2016	P	2.4
9	☐			4031.73	0.0244	P	6.7

$$y = 0.0011 * x + 6.7234E-004$$

$$R = 0.9999$$

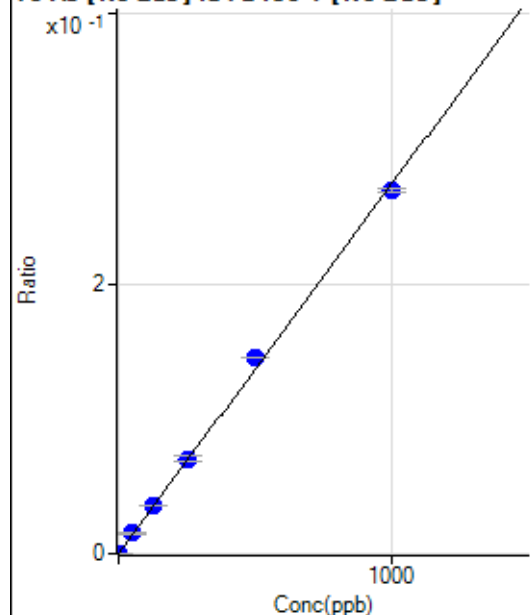
$$DL = 0.3515$$

$$BEC = 0.6121$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-41.13	0.0000	P	-133.
2	☐	0.100					
3	☐	1.000	0.865	806.26	0.0002	P	10.0
4	☐	50.000	55.393	52651.91	0.0151	P	7.0
5	☐	125.000	131.767	128562.65	0.0360	P	0.8
6	☐	250.000	256.491	254375.88	0.0701	P	6.6
7	☐	500.000	529.875	524679.47	0.1449	P	0.5
8	☐	1000.000	982.324	1002111.09	0.2686	P	1.2
9	☐			1064.32	0.0003	P	4.9

$$y = 2.7344\text{E-}004 * x - 1.1185\text{E-}005$$

$$R = 0.9993$$

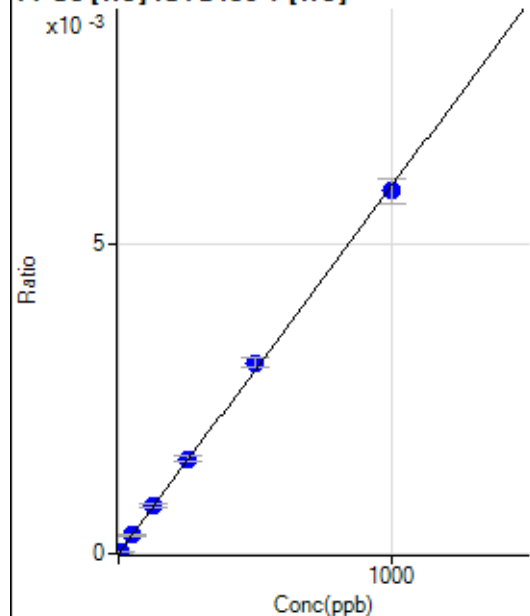
$$DL = 0.1635$$

$$BEC = -0.0409$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.536	25.56	0.0000	P	19.6
4	☐	50.000	49.680	181.12	0.0003	P	11.4
5	☐	125.000	132.126	487.79	0.0008	P	8.0
6	☐	250.000	258.014	937.82	0.0015	P	6.7
7	☐	500.000	519.194	1999.06	0.0031	P	5.1
8	☐	1000.000	987.517	3912.82	0.0059	P	6.8
9	☐			2.22	0.0000	P	86.6

$$y = 5.9414\text{E-}006 * x + 1.7688\text{E-}006$$

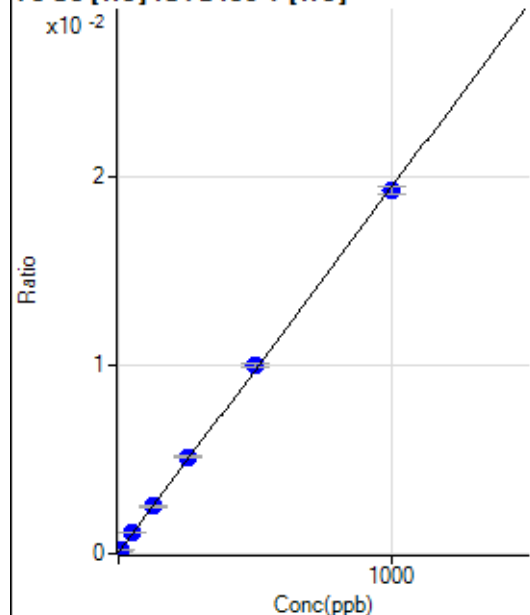
$$R = 0.9997$$

$$DL = 1.547$$

$$BEC = 0.2977$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0001	P	14.6
2	☐	0.500					
3	☐	5.000	6.197	116.05	0.0002	P	18.1
4	☐	50.000	54.934	688.29	0.0011	P	7.0
5	☐	125.000	126.438	1559.36	0.0025	P	4.1
6	☐	250.000	261.938	3142.96	0.0051	P	2.5
7	☐	500.000	512.730	6476.19	0.0100	P	2.1
8	☐	1000.000	990.218	12846.51	0.0193	P	2.2
9	☐			59.26	0.0001	P	6.3

$$y = 1.9384\text{E-}005 * x + 6.4254\text{E-}005$$

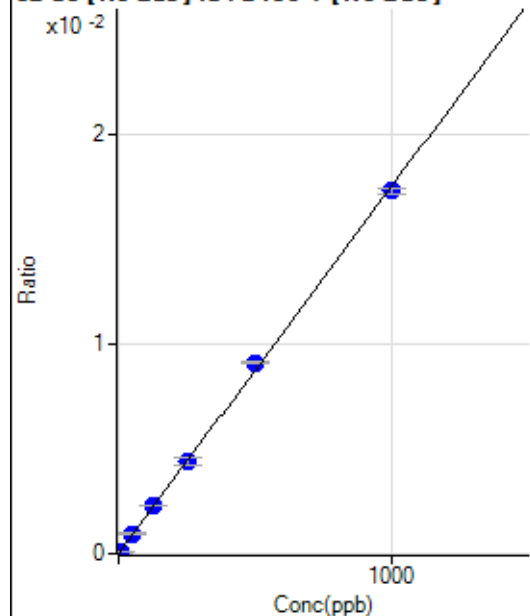
$$R = 0.9998$$

$$DL = 1.456$$

$$BEC = 3.315$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.97	0.0000	P	115.8
2	☐	0.500					
3	☐	5.000	5.380	364.13	0.0001	P	11.1
4	☐	50.000	53.813	3297.99	0.0009	P	8.7
5	☐	125.000	129.525	8109.51	0.0023	P	1.3
6	☐	250.000	253.407	16086.43	0.0044	P	8.1
7	☐	500.000	520.712	32992.97	0.0091	P	0.2
8	☐	1000.000	988.034	64467.74	0.0173	P	1.3
9	☐			46.96	0.0000	P	58.9

$$y = 1.7481\text{E-}005 * x + 7.8453\text{E-}006$$

$$R = 0.9997$$

$$DL = 1.559$$

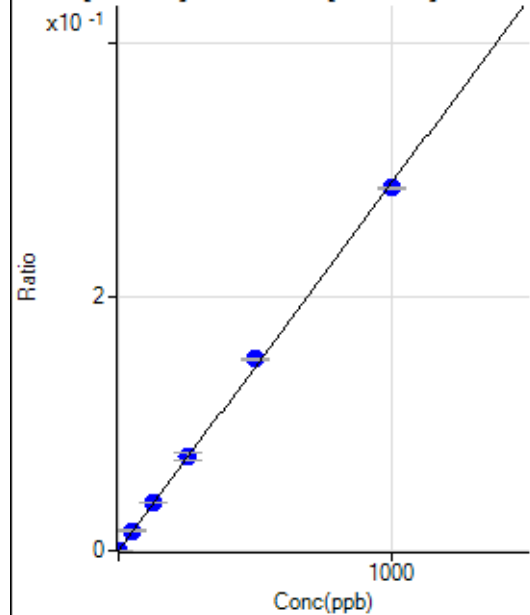
$$BEC = 0.4488$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			131.11		P	23.6
2	☐						
3	☐			128.89		P	1.5
4	☐			130.01		P	29.1
5	☐			145.56		P	19.7
6	☐			136.67		P	13.6
7	☐			141.11		P	9.8
8	☐			133.33		P	4.3
9	☐			152.22		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.12	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	1.005	1241.78	0.0003	P	12.7
4	☐	50.000	54.188	54683.02	0.0157	P	6.4
5	☐	125.000	129.450	133723.92	0.0375	P	1.0
6	☐	250.000	255.107	267505.21	0.0738	P	7.6
7	☐	500.000	520.911	545364.43	0.1506	P	0.9
8	☐	1000.000	987.502	1064967.90	0.2854	P	0.5
9	☐			4673.18	0.0014	P	1.8

$$y = 2.8898E-004 * x + 5.6929E-005$$

$$R = 0.9997$$

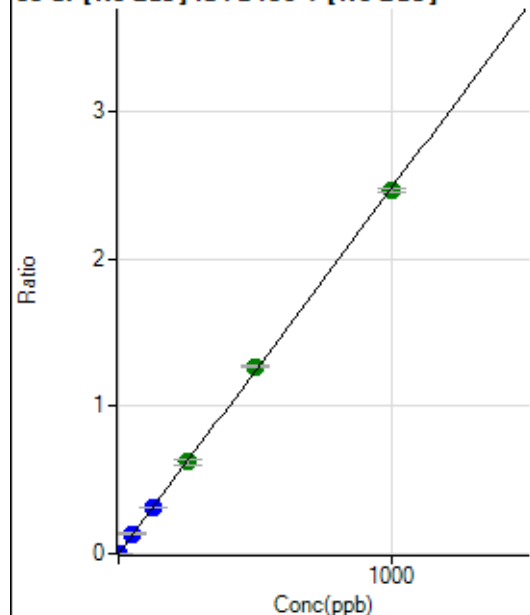
$$DL = 0.03044$$

$$BEC = 0.197$$

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	197.23	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	1.047	9470.16	0.0026	P	6.6
4	☐	50.000	54.089	466628.92	0.1341	P	7.0
5	☐	125.000	126.886	1122928.50	0.3146	P	0.4
6	☐	250.000	251.094	2257555.00	0.6225	A	7.2
7	☐	500.000	512.865	4604641.51	1.2715	A	0.3
8	☐	1000.000	992.854	9183512.45	2.4614	A	1.0
9	☐			38552.96	0.0115	P	1.6

$$y = 0.0025 * x + 5.3163E-005$$

$$R = 0.9999$$

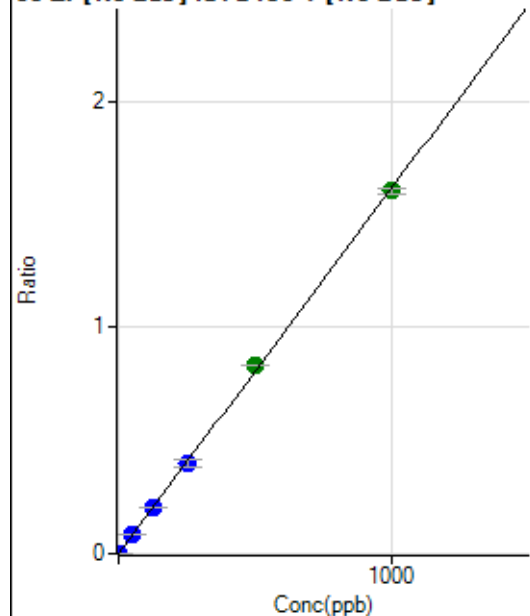
$$DL = 0.007718$$

$$BEC = 0.02144$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	1.028	6240.47	0.0017	P	4.6
4	☐	50.000	53.252	299577.26	0.0861	P	6.7
5	☐	125.000	125.078	721478.84	0.2021	P	1.4
6	☐	250.000	247.596	1450587.39	0.4001	P	7.4
7	☐	500.000	514.753	3011677.04	0.8316	A	0.2
8	☐	1000.000	993.052	5985086.42	1.6043	A	1.7
9	☐			1794.64	0.0005	P	7.8

$$y = 0.0016 * x + 8.4659E-005$$

$$R = 0.9998$$

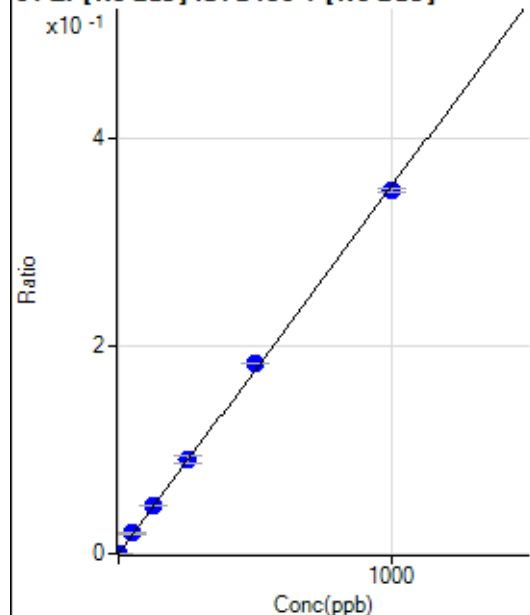
$$DL = 0.003312$$

$$BEC = 0.05241$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.000	1327.89	0.0004	P	1.9
4	☐	50.000	55.224	67892.14	0.0195	P	6.1
5	☐	125.000	132.195	166601.92	0.0467	P	1.3
6	☐	250.000	257.916	330099.59	0.0911	P	7.7
7	☐	500.000	518.327	662594.76	0.1830	P	0.6
8	☐	1000.000	987.697	1300735.12	0.3486	P	0.9
9	☐			438.91	0.0001	P	11.3

$$y = 3.5296\text{E-}004 * x + 1.7885\text{E-}005$$

$$R = 0.9997$$

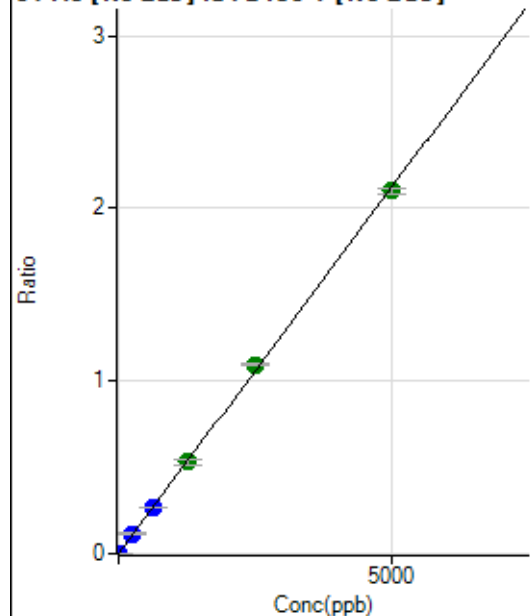
$$DL = 0.1316$$

$$BEC = 0.05067$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	38.0
2	☐	0.500					
3	☐	5.000	4.478	6921.41	0.0019	P	4.5
4	☐	250.000	270.026	398549.02	0.1146	P	6.6
5	☐	625.000	638.431	966543.39	0.2708	P	0.4
6	☐	1250.000	1253.115	1927782.12	0.5315	A	6.7
7	☐	2500.000	2582.409	3966386.89	1.0953	A	0.7
8	☐	5000.000	4955.337	7840763.54	2.1016	A	1.5
9	☐			3400.55	0.0010	P	8.2

$$y = 4.2411\text{E-}004 * x + 3.5883\text{E-}005$$

$$R = 0.9998$$

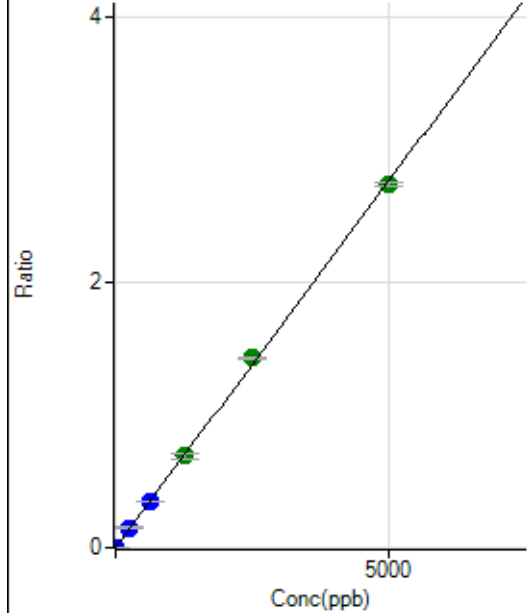
$$DL = 0.09652$$

$$BEC = 0.08461$$

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	72.22	0.0000	P	53.9
2	☐	0.500					
3	☐	5.000	4.192	8361.14	0.0023	P	1.3
4	☐	250.000	268.869	517008.60	0.1486	P	6.6
5	☐	625.000	639.139	1260754.05	0.3532	P	0.1
6	☐	1250.000	1250.290	2505624.32	0.6910	A	7.2
7	☐	2500.000	2591.065	5185657.54	1.4319	A	0.5
8	☐	5000.000	4951.685	10209475.14	2.7365	A	1.2
9	☐			5426.30	0.0016	P	2.6

$$y = 5.5263\text{E-}004 * x + 1.9519\text{E-}005$$

$$R = 0.9998$$

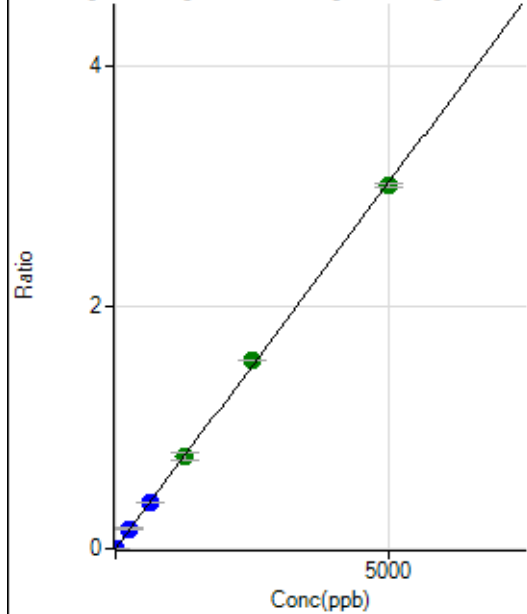
$$DL = 0.05711$$

$$BEC = 0.03532$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	65.0
2	☐	0.500					
3	☐	5.000	4.329	9475.75	0.0026	P	4.7
4	☐	250.000	267.389	563812.91	0.1621	P	7.9
5	☐	625.000	632.904	1369780.82	0.3838	P	0.5
6	☐	1250.000	1255.314	2759837.00	0.7612	A	7.4
7	☐	2500.000	2578.555	5662106.25	1.5635	A	0.3
8	☐	5000.000	4957.537	11215103.20	3.0059	A	0.9
9	☐			7471.75	0.0022	P	4.8

$$y = 6.0633\text{E-}004 * x + 2.3277\text{E-}005$$

$$R = 0.9998$$

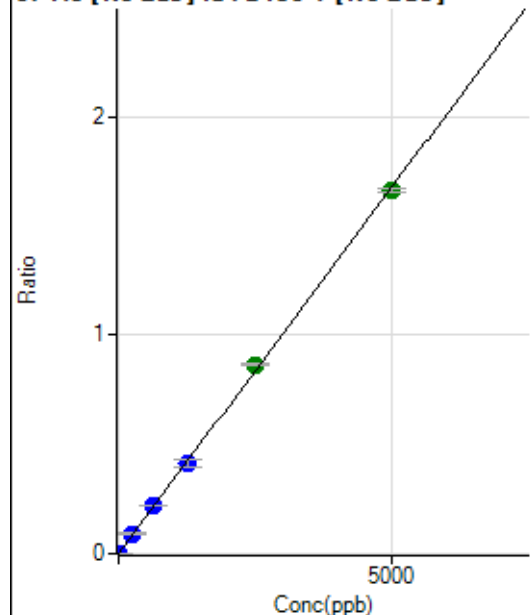
$$DL = 0.07488$$

$$BEC = 0.03839$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	47.0
2	☐	0.500					
3	☐	5.000	4.361	5290.09	0.0015	P	3.6
4	☐	250.000	273.860	319528.50	0.0918	P	6.6
5	☐	625.000	646.986	774365.84	0.2170	P	0.7
6	☐	1250.000	1236.301	1502944.84	0.4146	P	7.7
7	☐	2500.000	2586.024	3140224.29	0.8671	A	0.9
8	☐	5000.000	4956.472	6200720.19	1.6620	A	0.9
9	☐			2880.96	0.0009	P	6.6

$$y = 3.3531E-004 * x + 1.6442E-005$$

$$R = 0.9998$$

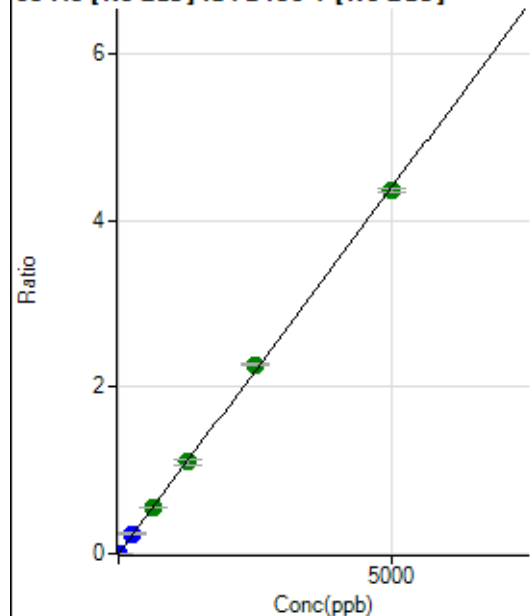
$$DL = 0.06916$$

$$BEC = 0.04903$$

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	119.45	0.0000	P	14.0
2	☐	0.500					
3	☐	5.000	4.329	13715.49	0.0038	P	1.8
4	☐	250.000	267.209	816206.57	0.2346	P	6.7
5	☐	625.000	633.080	1983818.12	0.5558	A	0.9
6	☐	1250.000	1252.354	3986023.44	1.0995	A	7.7
7	☐	2500.000	2581.215	8206380.82	2.2661	A	0.7
8	☐	5000.000	4956.934	16235704.53	4.3517	A	1.2
9	☐			6671.29	0.0020	P	7.5

$$y = 8.7789E-004 * x + 3.2202E-005$$

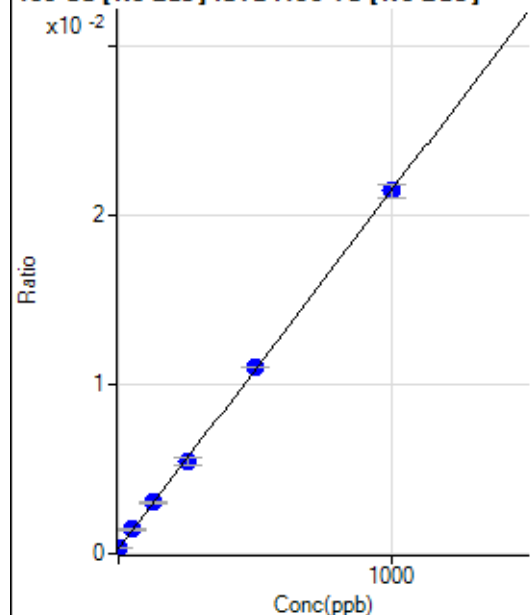
$$R = 0.9998$$

$$DL = 0.01535$$

$$BEC = 0.03668$$

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	1183.43	0.0003	P	7.7
2	☐	0.100					
3	☐	1.000	1.837	1269.55	0.0004	P	1.3
4	☐	50.000	54.109	5126.11	0.0015	P	7.2
5	☐	125.000	127.943	11001.94	0.0030	P	1.4
6	☐	250.000	242.041	20187.35	0.0054	P	9.3
7	☐	500.000	505.410	41364.26	0.0110	P	0.5
8	☐	1000.000	998.711	83207.78	0.0214	P	3.5
9	☐			1105.65	0.0003	P	6.2

$$y = 2.1119\text{E-}005 * x + 3.1596\text{E-}004$$

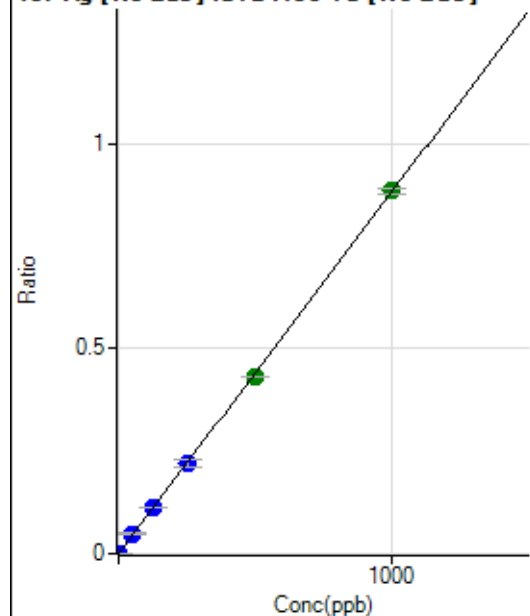
$$R = 0.9999$$

$$DL = 3.473$$

$$BEC = 14.96$$

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	38.89	0.0000	P	31.9
2	☐	0.100					
3	☐	1.000	1.073	3420.00	0.0010	P	5.1
4	☐	50.000	54.845	169839.88	0.0483	P	6.9
5	☐	125.000	128.786	413794.29	0.1135	P	1.5
6	☐	250.000	250.732	822537.84	0.2210	P	7.7
7	☐	500.000	490.853	1628281.78	0.4326	A	0.2
8	☐	1000.000	1003.675	3438634.63	0.8846	A	1.7
9	☐			308.35	0.0001	P	32.6

$$y = 8.8132\text{E-}004 * x + 1.0365\text{E-}005$$

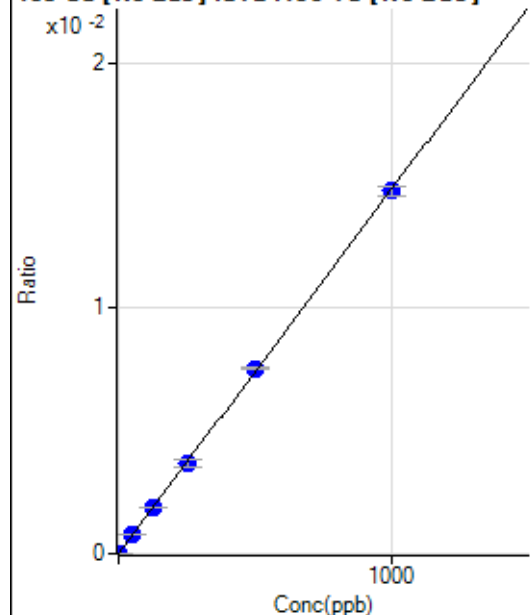
$$R = 0.9999$$

$$DL = 0.01126$$

$$BEC = 0.01176$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	43.7
2	☐	0.100					
3	☐	1.000	0.947	55.55	0.0000	P	24.3
4	☐	50.000	53.443	2790.61	0.0008	P	6.1
5	☐	125.000	126.162	6825.38	0.0019	P	3.1
6	☐	250.000	247.780	13684.61	0.0037	P	7.7
7	☐	500.000	508.639	28396.84	0.0075	P	0.8
8	☐	1000.000	995.918	57414.73	0.0148	P	3.0
9	☐			26.39	0.0000	P	39.5

$$y = 1.4830\text{E-}005 * x + 1.4854\text{E-}006$$

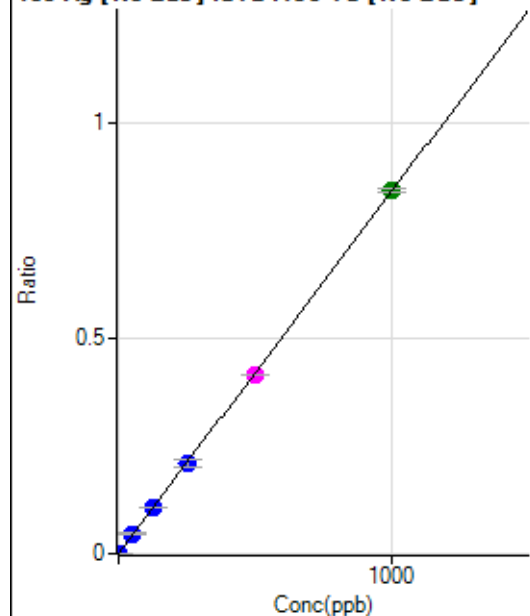
$$R = 0.9999$$

$$DL = 0.1313$$

$$BEC = 0.1002$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	1.3
2	☐	0.100					
3	☐	1.000	1.121	3403.34	0.0010	P	2.8
4	☐	50.000	55.299	163743.14	0.0466	P	5.8
5	☐	125.000	129.652	398142.95	0.1092	P	0.4
6	☐	250.000	250.138	784254.42	0.2107	P	7.7
7	☐	500.000	494.723	1568562.96	0.4167	M	0.3
8	☐	1000.000	1001.757	3280571.77	0.8439	A	1.0
9	☐			272.24	0.0001	P	31.4

$$y = 8.4236\text{E-}004 * x + 6.6749\text{E-}006$$

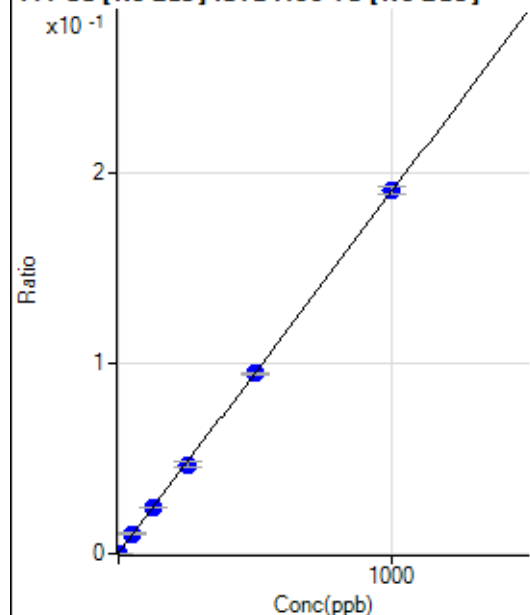
$$R = 1.0000$$

$$DL = 0.0003202$$

$$BEC = 0.007924$$

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	830.07	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	1.045	1504.00	0.0004	P	6.4
4	☐	50.000	53.375	36407.04	0.0104	P	7.2
5	☐	125.000	125.903	88016.68	0.0241	P	0.4
6	☐	250.000	245.097	174185.60	0.0468	P	7.3
7	☐	500.000	497.597	356715.95	0.0948	P	0.7
8	☐	1000.000	1002.146	741072.91	0.1906	P	2.1
9	☐			890.21	0.0003	P	6.5

$$y = 1.9002\text{E-}004 * x + 2.2160\text{E-}004$$

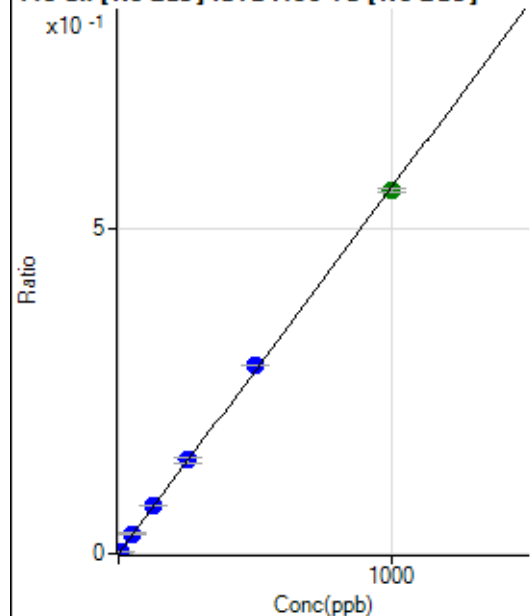
$$R = 1.0000$$

$$DL = 0.2708$$

$$BEC = 1.166$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0001	P	12.9
2	☐	0.500					
3	☐	5.000	5.367	11026.98	0.0031	P	1.1
4	☐	50.000	54.763	108797.31	0.0310	P	6.6
5	☐	125.000	129.283	266206.77	0.0730	P	0.2
6	☐	250.000	255.669	537568.19	0.1444	P	6.8
7	☐	500.000	513.381	1090910.34	0.2898	P	0.4
8	☐	1000.000	991.117	2175187.50	0.5595	A	1.0
9	☐			988.97	0.0003	P	2.3

$$y = 5.6447\text{E-}004 * x + 5.1166\text{E-}005$$

$$R = 0.9998$$

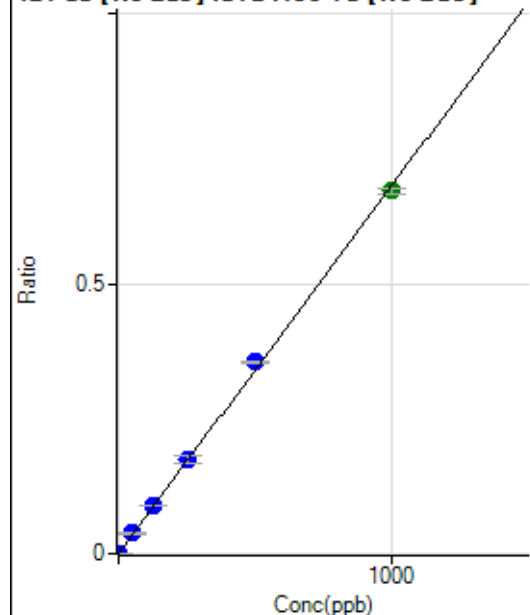
$$DL = 0.03519$$

$$BEC = 0.09064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	29.0
2	☐	0.200					
3	☐	2.000	2.049	5056.66	0.0014	P	5.9
4	☐	50.000	55.238	132170.10	0.0376	P	7.6
5	☐	125.000	130.132	323099.70	0.0886	P	0.7
6	☐	250.000	256.179	649603.59	0.1745	P	7.0
7	☐	500.000	521.623	1337063.31	0.3552	P	0.6
8	☐	1000.000	986.740	2612204.94	0.6720	A	1.7
9	☐			4136.92	0.0012	P	8.4

$$y = 6.8099\text{E-}004 * x + 1.8501\text{E-}005$$

$$R = 0.9996$$

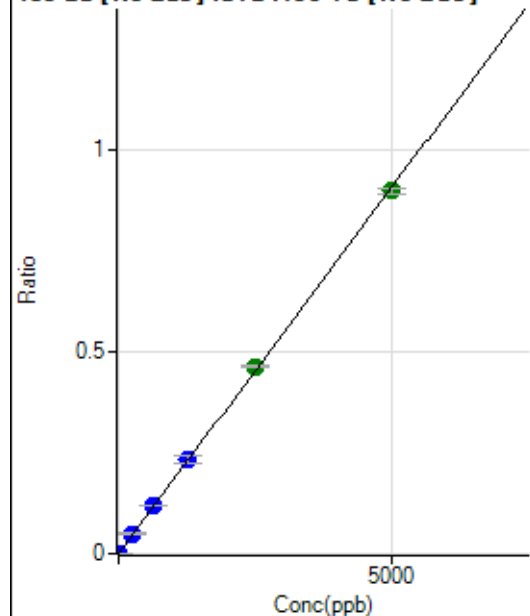
$$DL = 0.02362$$

$$BEC = 0.02717$$

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	19.44	0.0000	P	64.2
2	☐	1.000					
3	☐	10.000	10.359	6749.15	0.0019	P	2.3
4	☐	250.000	275.017	175422.30	0.0499	P	7.4
5	☐	625.000	651.567	431289.88	0.1183	P	0.5
6	☐	1250.000	1279.464	864364.36	0.2323	P	8.5
7	☐	2500.000	2561.297	1750484.70	0.4651	A	0.9
8	☐	5000.000	4957.413	3499235.02	0.9002	A	1.8
9	☐			583.37	0.0002	P	13.6

$$y = 1.8158\text{E-}004 * x + 5.1651\text{E-}006$$

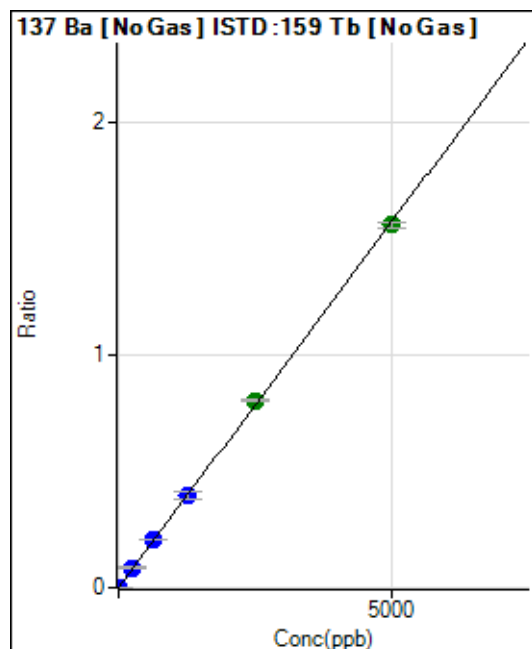
$$R = 0.9999$$

$$DL = 0.05477$$

$$BEC = 0.02845$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	76.0
2	☐	1.000					
3	☐	10.000	10.431	11777.74	0.0033	P	2.9
4	☐	250.000	275.691	304901.50	0.0868	P	7.1
5	☐	625.000	647.394	742983.14	0.2038	P	0.1
6	☐	1250.000	1266.497	1483804.61	0.3987	P	8.0
7	☐	2500.000	2560.350	3033879.08	0.8061	A	0.3
8	☐	5000.000	4961.616	6072389.11	1.5620	A	1.3
9	☐			1147.32	0.0003	P	13.8

$$y = 3.1482\text{E-}004 * x + 7.4118\text{E-}006$$

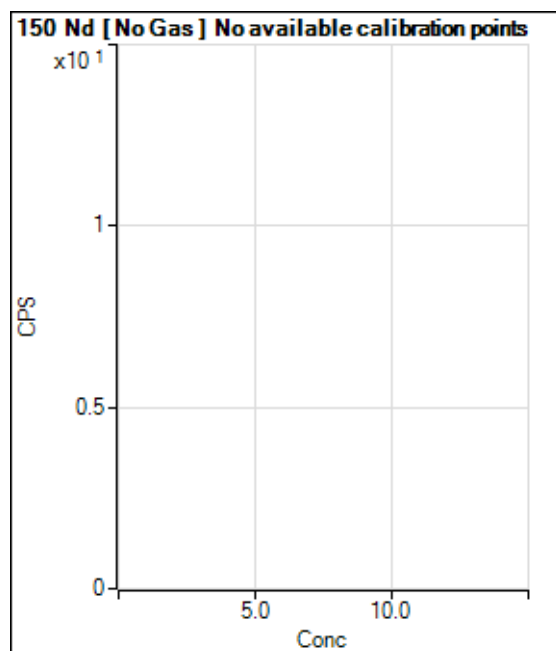
$$R = 0.9999$$

$$DL = 0.05366$$

$$BEC = 0.02354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.45		P	86.6
4	☐			8.89		P	43.3
5	☐			40.00		P	33.3
6	☐			46.67		P	28.6
7	☐			128.89		P	15.8
8	☐			204.45		P	6.8
9	☐			73.34		P	27.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			5.55		P	69.3
6	☐			11.11		P	17.3
7	☐			16.67		P	20.0
8	☐			25.55		P	41.9
9	☐			25.56		P	32.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			2.78		P	173.2
4	☐			5.56		P	173.2
5	☐			16.67		P	50.0
6	☐			8.33		P	100.0
7	☐			11.11		P	43.3
8	☐			52.78		P	63.8
9	☐			22.22		P	21.6

156 Dy [He] No available calibration points

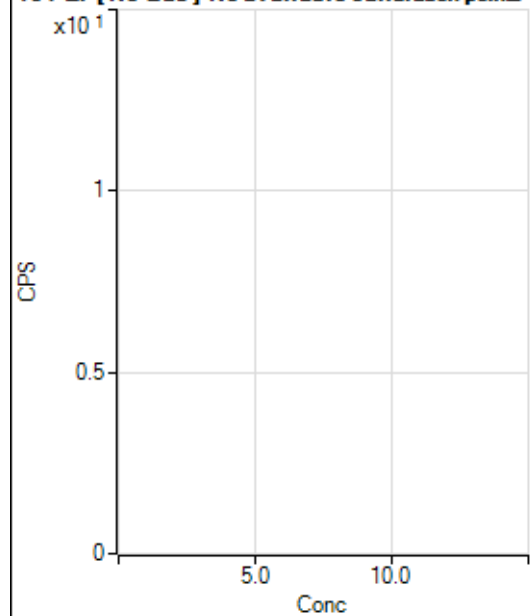
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			3.33		P	0.0
4	☐			3.33		P	100.1
5	☐			11.11		P	62.5
6	☐			22.22		P	43.3
7	☐			46.67		P	39.8
8	☐			84.45		P	8.2
9	☐			11.11		P	69.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	66.7
2	☐						
3	☐			16.67		P	NaN
4	☐			16.67		P	100.0
5	☐			13.89		P	69.3
6	☐			13.89		P	69.3
7	☐			27.78		P	34.6
8	☐			41.67		P	20.0
9	☐			50.00		P	0.0

160 Gd [He] No available calibration points

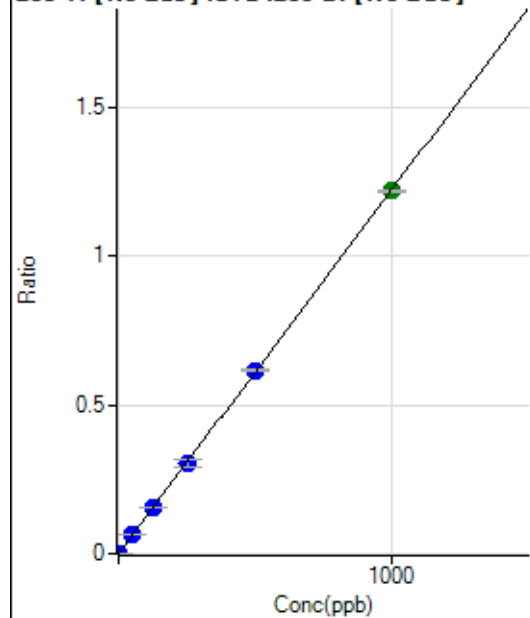
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.34		P	35.5
2	☐						
3	☐			78.89		P	24.0
4	☐			58.89		P	21.4
5	☐			78.89		P	4.9
6	☐			64.45		P	30.3
7	☐			80.00		P	31.5
8	☐			86.67		P	27.7
9	☐			70.00		P	26.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			13.89		P	34.7
4	☐			16.67		P	NaN
5	☐			27.78		P	105.4
6	☐			16.67		P	50.0
7	☐			11.11		P	114.6
8	☐			19.44		P	49.5
9	☐			8.33		P	0.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			6.67		P	50.0
4	☐			5.55		P	124.9
5	☐			6.67		P	50.0
6	☐			4.44		P	43.4
7	☐			6.67		P	50.0
8	☐			4.44		P	114.6
9	☐			14.44		P	35.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	19.9
2	☐	0.100					
3	☐	1.000	0.911	2205.84	0.0011	P	5.3
4	☐	50.000	52.535	120831.15	0.0641	P	5.7
5	☐	125.000	124.946	299819.29	0.1525	P	0.6
6	☐	250.000	248.288	603089.87	0.3030	P	8.0
7	☐	500.000	504.914	1217511.25	0.6161	P	0.7
8	☐	1000.000	997.851	2446458.45	1.2176	A	0.6
9	☐			597.26	0.0004	P	21.6

$$y = 0.0012 * x + 3.0542E-005$$

$$R = 1.0000$$

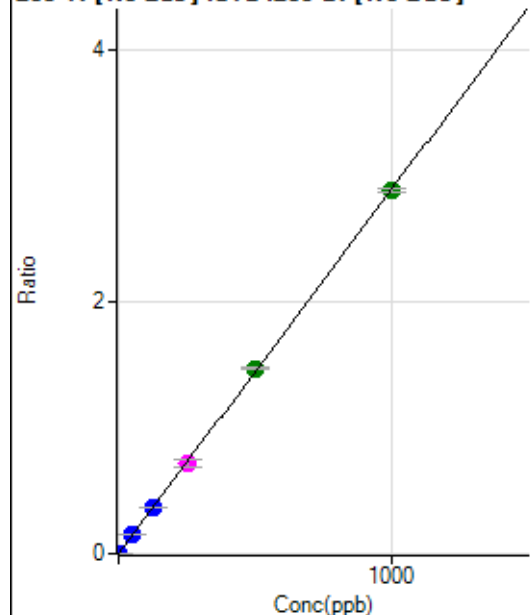
$$DL = 0.01492$$

$$BEC = 0.02503$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0001	P	27.3
2	☐	0.100					
3	☐	1.000	0.990	5648.67	0.0029	P	7.2
4	☐	50.000	53.147	290020.58	0.1539	P	5.5
5	☐	125.000	126.867	722277.28	0.3674	P	0.8
6	☐	250.000	248.487	1431617.00	0.7195	M	8.3
7	☐	500.000	507.363	2902669.16	1.4689	A	1.0
8	☐	1000.000	996.306	5795267.15	2.8845	A	1.1
9	☐			1536.27	0.0009	P	2.8

$$y = 0.0029 * x + 5.9681E-005$$

$$R = 1.0000$$

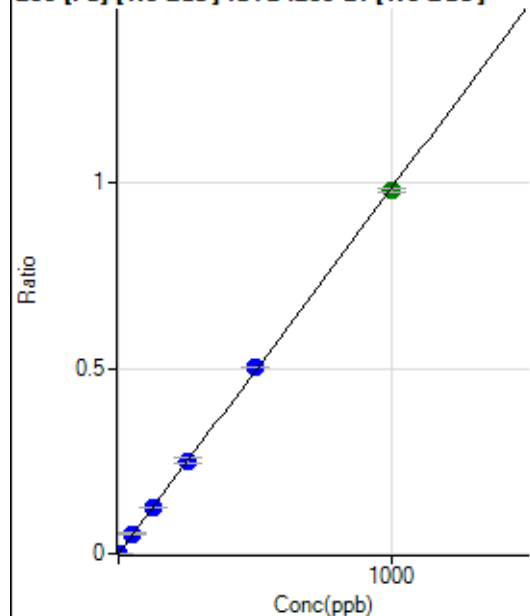
$$DL = 0.01688$$

$$BEC = 0.02061$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374.09	0.0002	P	9.5
2	☐	0.100					
3	☐	1.000	1.094	2442.89	0.0013	P	9.5
4	☐	50.000	54.413	101482.57	0.0539	P	6.5
5	☐	125.000	128.511	249701.02	0.1270	P	0.4
6	☐	250.000	254.978	501284.89	0.2518	P	7.5
7	☐	500.000	510.326	995475.43	0.5038	P	0.6
8	☐	1000.000	992.933	1968961.08	0.9800	A	1.2
9	☐			2035.40	0.0012	P	6.9

$$y = 9.8679E-004 * x + 1.8707E-004$$

$$R = 0.9999$$

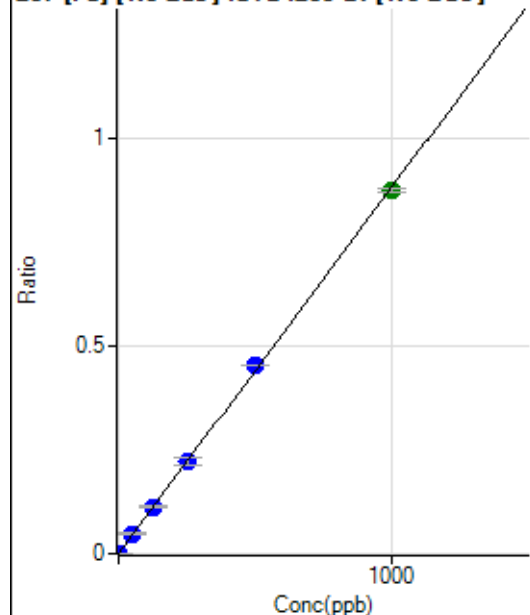
$$DL = 0.05391$$

$$BEC = 0.1896$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0002	P	17.0
2	☐	0.100					
3	☐	1.000	1.051	2111.34	0.0011	P	15.2
4	☐	50.000	53.295	88737.35	0.0471	P	6.4
5	☐	125.000	128.421	222724.83	0.1133	P	1.3
6	☐	250.000	251.877	441939.77	0.2220	P	7.8
7	☐	500.000	515.791	898095.05	0.4545	P	0.1
8	☐	1000.000	991.043	1754164.99	0.8731	A	1.2
9	☐			1820.55	0.0011	P	4.1

$$y = 8.8081\text{E-}004 * x + 1.6976\text{E-}004$$

$$R = 0.9998$$

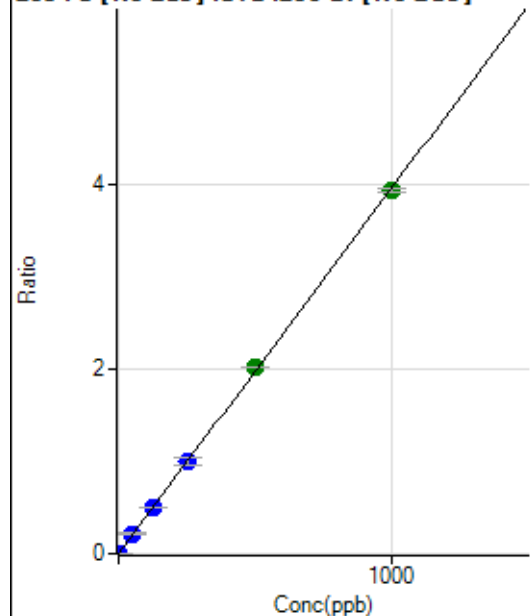
$$DL = 0.09839$$

$$BEC = 0.1927$$

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	1629.72	0.0008	P	7.4
2	☐	0.100					
3	☐	1.000	1.062	9657.23	0.0050	P	12.1
4	☐	50.000	53.691	400775.18	0.2128	P	7.0
5	☐	125.000	128.023	995601.52	0.5064	P	0.8
6	☐	250.000	253.447	1993874.95	1.0017	P	7.7
7	☐	500.000	510.738	3987143.78	2.0177	A	0.6
8	☐	1000.000	993.207	7881937.33	3.9230	A	1.0
9	☐			8254.96	0.0050	P	2.8

$$y = 0.0039 * x + 8.1580\text{E-}004$$

$$R = 0.9999$$

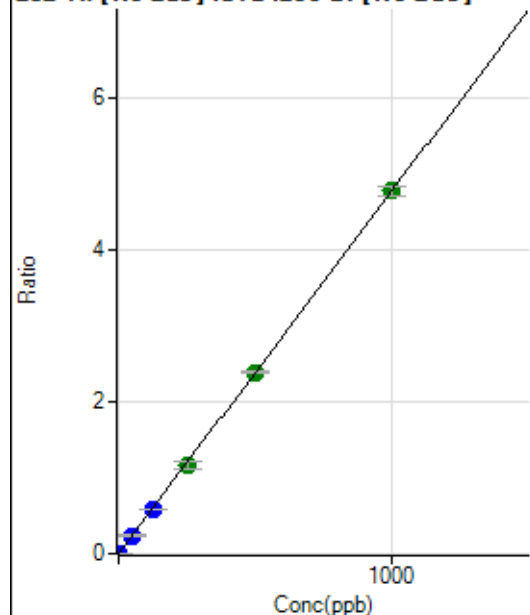
$$DL = 0.04591$$

$$BEC = 0.2066$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.48	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.882	8184.29	0.0042	P	4.1
4	☐	50.000	50.087	449186.70	0.2385	P	6.9
5	☐	125.000	120.771	1130789.79	0.5751	P	0.4
6	☐	250.000	244.133	2313800.06	1.1625	A	8.0
7	☐	500.000	501.056	4714752.10	2.3859	A	0.6
8	☐	1000.000	1001.463	9579902.99	4.7687	A	2.5
9	☐			1759.44	0.0011	P	19.6

$$y = 0.0048 * x + 4.0748E-005$$

$$R = 1.0000$$

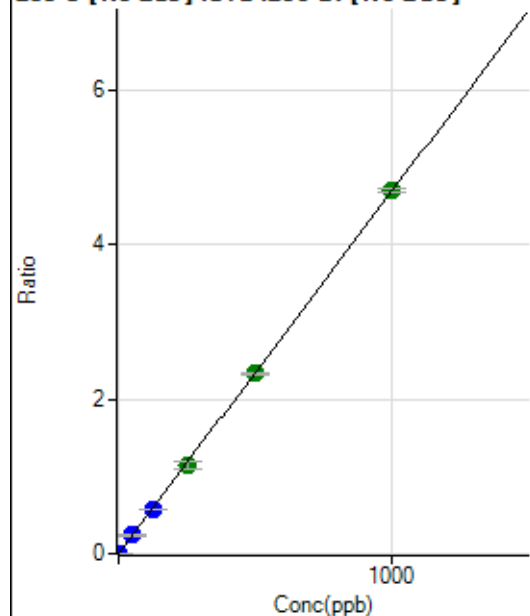
$$DL = 0.002436$$

$$BEC = 0.008557$$

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	133.34	0.0001	P	26.3
2	☐	0.100					
3	☐	1.000	0.886	8127.96	0.0042	P	3.0
4	☐	50.000	50.663	446366.07	0.2371	P	7.2
5	☐	125.000	122.696	1128712.19	0.5741	P	0.1
6	☐	250.000	243.266	2264936.58	1.1381	A	8.2
7	☐	500.000	498.884	4611992.68	2.3339	A	0.9
8	☐	1000.000	1002.496	9422685.37	4.6899	A	1.1
9	☐			833.40	0.0005	P	30.5

$$y = 0.0047 * x + 6.6619E-005$$

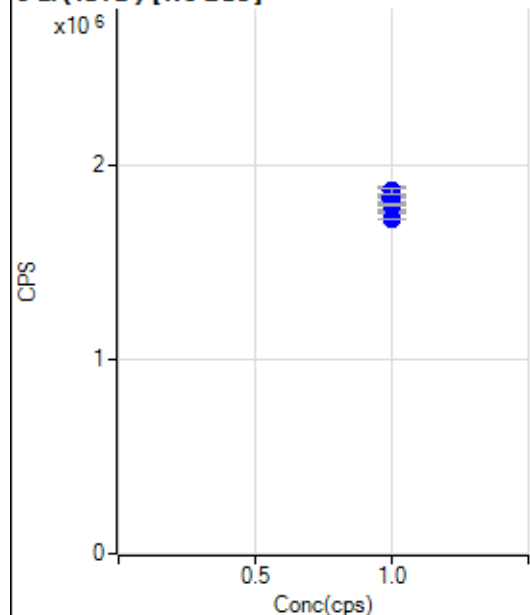
$$R = 1.0000$$

$$DL = 0.01124$$

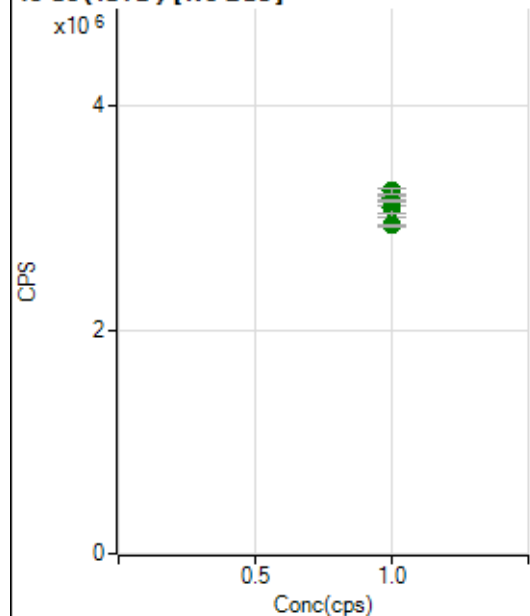
$$BEC = 0.01424$$

Weight: <None>

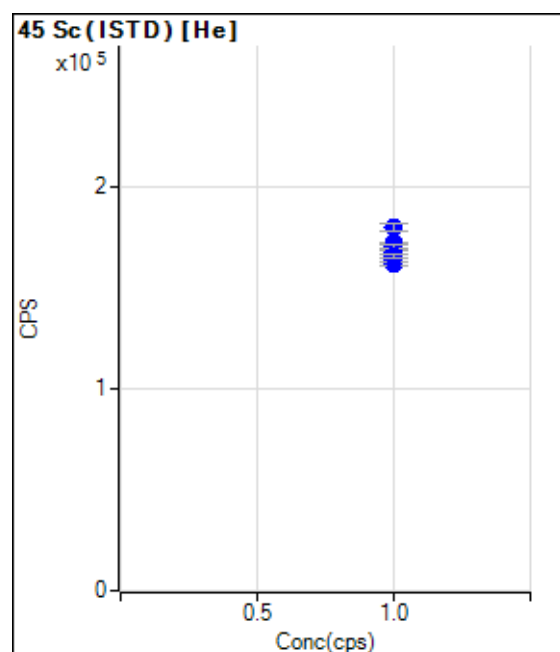
Min Conc: 0

6 Li (ISTD) [No Gas]

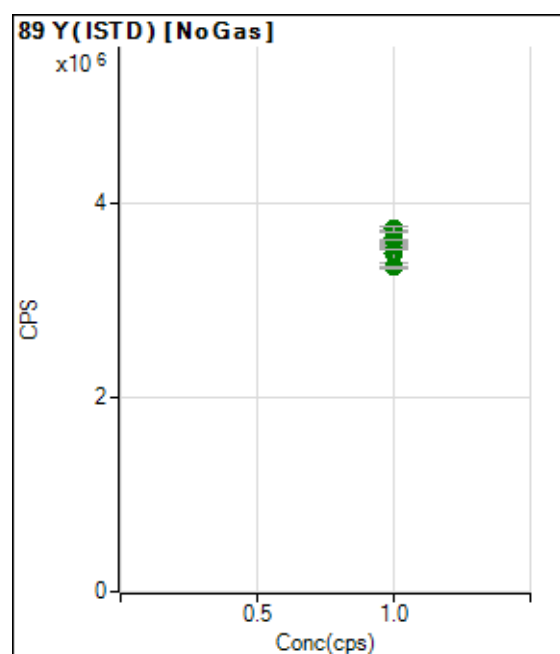
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1826554.01		P	1.6
2	☐	1.000					
3	☐	1.000		1791883.51		P	2.4
4	☐	1.000		1805459.25		P	5.2
5	☐	1.000		1846421.26		P	1.0
6	☐	1.000		1838622.90		P	6.5
7	☐	1.000		1798276.26		P	0.6
8	☐	1.000		1872039.49		P	1.4
9	☐	1.000		1725586.72		P	0.4

45 Sc (ISTD) [No Gas]

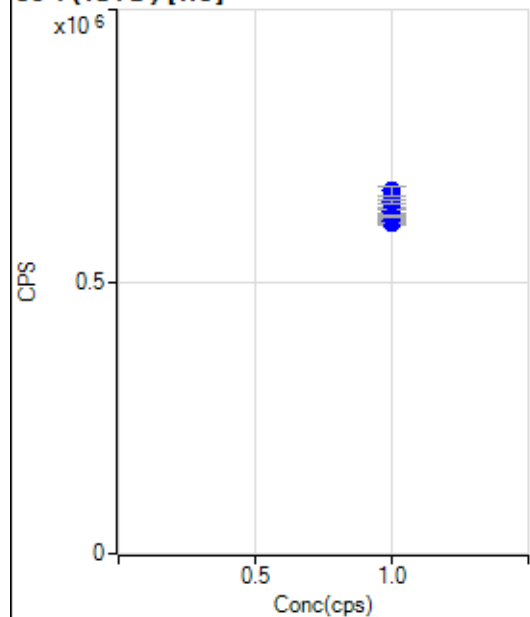
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3154919.58		A	0.5
2	☐	1.000					
3	☐	1.000		3178001.05		A	2.1
4	☐	1.000		3096140.22		A	6.1
5	☐	1.000		3112225.31		A	0.5
6	☐	1.000		3155420.91		A	7.2
7	☐	1.000		3152098.81		A	0.3
8	☐	1.000		3244368.24		A	1.5
9	☐	1.000		2933424.35		A	0.2



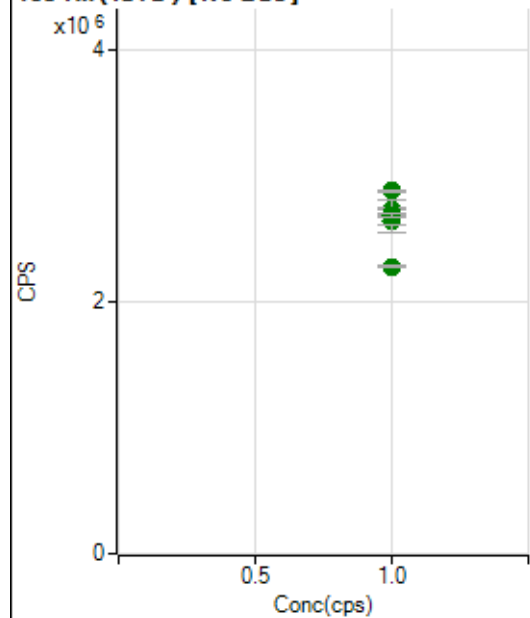
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		171856.33		P	0.2
2	☐	1.000					
3	☐	1.000		169107.30		P	0.6
4	☐	1.000		161829.52		P	1.4
5	☐	1.000		167434.05		P	0.7
6	☐	1.000		163760.19		P	0.8
7	☐	1.000		170419.47		P	1.2
8	☐	1.000		179463.80		P	2.0
9	☐	1.000		165476.99		P	1.6



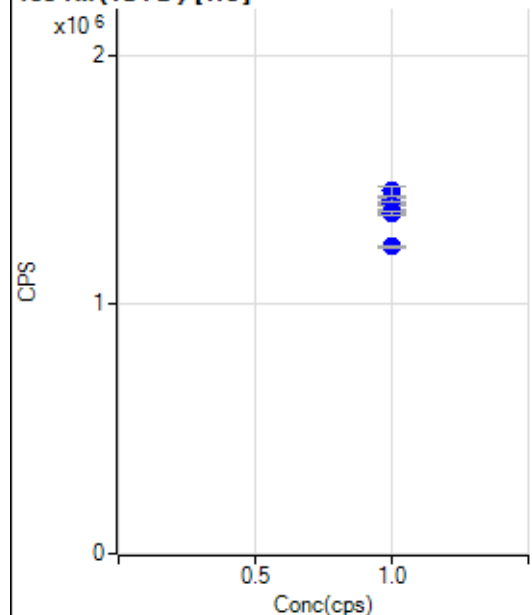
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3707420.68		A	1.0
2	☐	1.000					
3	☐	1.000		3578379.19		A	1.7
4	☐	1.000		3488416.20		A	6.1
5	☐	1.000		3569225.61		A	0.1
6	☐	1.000		3638187.55		A	6.9
7	☐	1.000		3621469.77		A	0.2
8	☐	1.000		3731243.80		A	1.2
9	☐	1.000		3339281.37		A	0.4

89 Y(ISTD) [He]

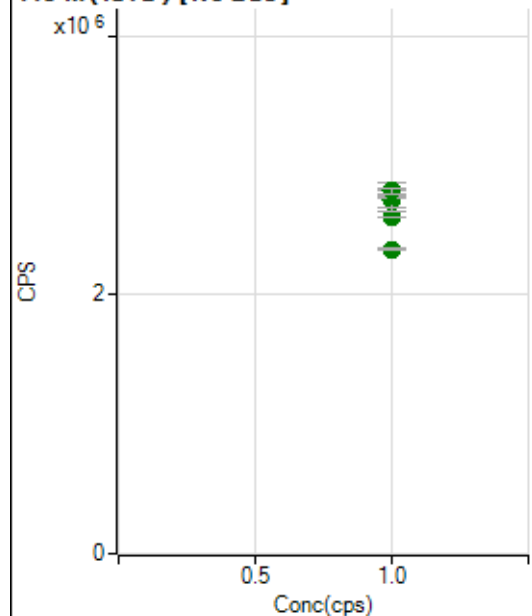
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		634717.44		P	1.0
2	☐	1.000					
3	☐	1.000		629064.79		P	1.0
4	☐	1.000		609567.84		P	1.3
5	☐	1.000		620069.04		P	0.5
6	☐	1.000		611385.45		P	1.2
7	☐	1.000		647468.32		P	1.0
8	☐	1.000		667238.36		P	2.5
9	☐	1.000		620367.92		P	0.8

103 Rh(ISTD) [No Gas]

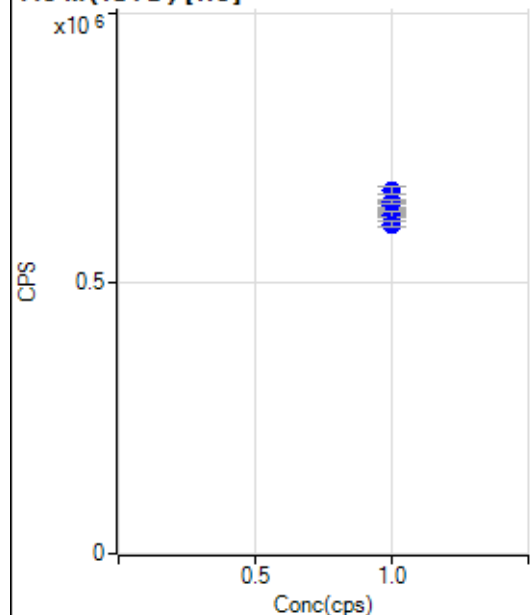
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2878649.35		A	0.8
2	☐	1.000					
3	☐	1.000		2725387.26		A	1.7
4	☐	1.000		2639688.12		A	6.7
5	☐	1.000		2679633.28		A	1.1
6	☐	1.000		2704248.84		A	7.2
7	☐	1.000		2680459.11		A	0.4
8	☐	1.000		2686794.37		A	1.5
9	☐	1.000		2280218.32		A	0.4

103 Rh (ISTD) [He]

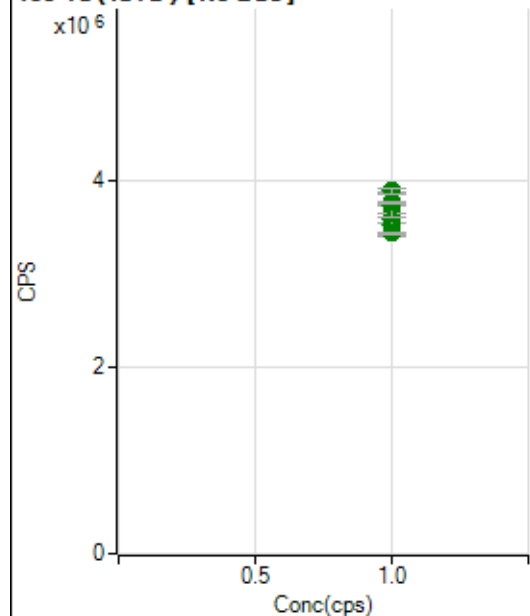
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1432173.09		P	0.3
2	☐	1.000					
3	☐	1.000		1402138.03		P	0.6
4	☐	1.000		1374210.31		P	0.8
5	☐	1.000		1405386.04		P	0.6
6	☐	1.000		1366853.09		P	1.1
7	☐	1.000		1420996.02		P	1.1
8	☐	1.000		1456489.70		P	2.6
9	☐	1.000		1232472.57		P	0.7

115 In (ISTD) [No Gas]

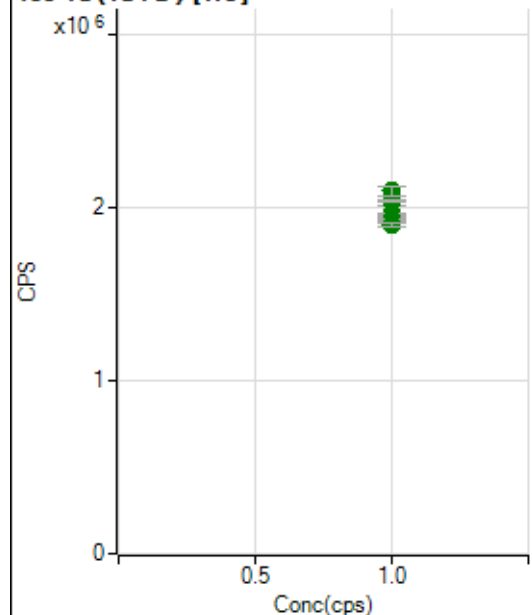
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2598301.43		A	0.4
2	☐	1.000					
3	☐	1.000		2769038.97		A	2.2
4	☐	1.000		2726436.58		A	6.5
5	☐	1.000		2762454.62		A	0.8
6	☐	1.000		2767033.37		A	7.4
7	☐	1.000		2758286.26		A	0.5
8	☐	1.000		2800571.46		A	1.5
9	☐	1.000		2349764.97		A	0.5

115 In (ISTD) [He]

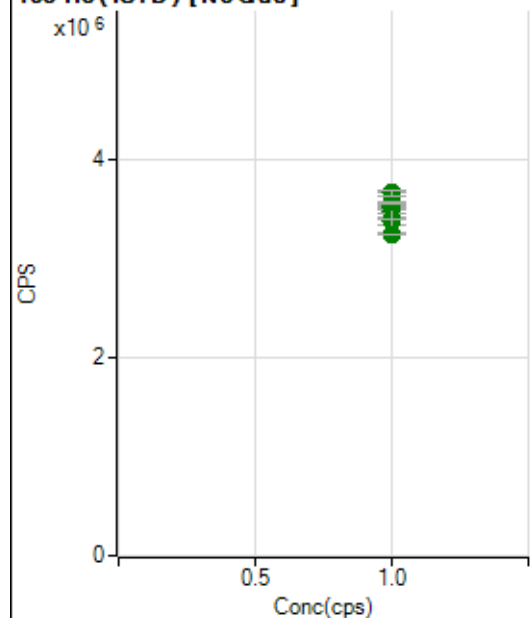
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		651853.73		P	0.6
2	☐	1.000					
3	☐	1.000		642832.40		P	0.9
4	☐	1.000		627362.85		P	0.8
5	☐	1.000		636899.12		P	0.5
6	☐	1.000		626704.85		P	1.5
7	☐	1.000		651516.42		P	1.2
8	☐	1.000		670944.90		P	2.2
9	☐	1.000		608850.06		P	1.5

159 Tb (ISTD) [No Gas]

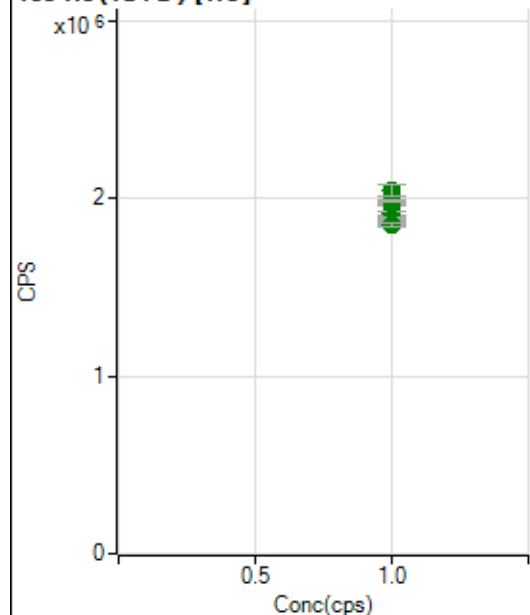
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3745816.44		A	1.4
2	☐	1.000					
3	☐	1.000		3579103.28		A	1.6
4	☐	1.000		3523462.62		A	6.5
5	☐	1.000		3645277.03		A	0.4
6	☐	1.000		3735803.17		A	7.4
7	☐	1.000		3763853.21		A	0.2
8	☐	1.000		3887982.55		A	1.5
9	☐	1.000		3435412.97		A	0.3

159 Tb (ISTD) [He]

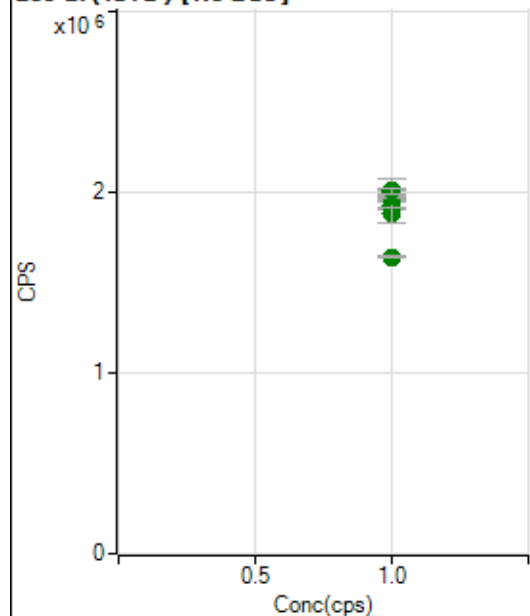
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2028845.58		A	1.2
2	☐	1.000					
3	☐	1.000		1939677.28		A	0.7
4	☐	1.000		1901698.74		A	1.1
5	☐	1.000		1964215.32		A	0.5
6	☐	1.000		1932674.90		A	0.5
7	☐	1.000		2037244.28		A	0.6
8	☐	1.000		2096761.64		A	2.5
9	☐	1.000		1901064.52		A	0.9

165 Ho (ISTD) [No Gas]

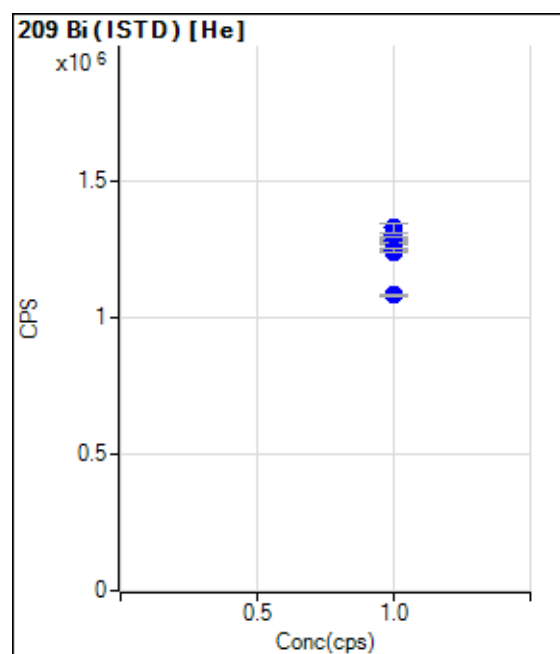
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3481968.39		A	1.1
2	☐	1.000					
3	☐	1.000		3387628.85		A	2.0
4	☐	1.000		3392067.13		A	7.2
5	☐	1.000		3519108.37		A	0.7
6	☐	1.000		3540821.84		A	7.6
7	☐	1.000		3571467.79		A	0.9
8	☐	1.000		3670285.80		A	1.5
9	☐	1.000		3251164.29		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1964632.56		A	0.8
2	☐	1.000					
3	☐	1.000		1879905.88		A	0.5
4	☐	1.000		1847432.54		A	0.6
5	☐	1.000		1915794.12		A	1.1
6	☐	1.000		1886928.20		A	0.6
7	☐	1.000		1983466.43		A	0.6
8	☐	1.000		2042545.68		A	3.1
9	☐	1.000		1853001.34		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1998467.44		A	1.0
2	☐	1.000					
3	☐	1.000		1931373.17		A	2.1
4	☐	1.000		1888488.25		A	6.3
5	☐	1.000		1966195.51		A	0.9
6	☐	1.000		1998271.69		A	7.6
7	☐	1.000		1976065.16		A	0.1
8	☐	1.000		2009333.81		A	1.4
9	☐	1.000		1641589.34		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1276926.07		P	0.6
2	☐	1.000					
3	☐	1.000		1246451.93		P	0.1
4	☐	1.000		1243011.82		P	0.5
5	☐	1.000		1284725.77		P	1.3
6	☐	1.000		1249441.11		P	0.7
7	☐	1.000		1306652.16		P	1.2
8	☐	1.000		1331492.54		P	2.7
9	☐	1.000		1083579.09		P	0.3

US EPA Tune Check Sample Report

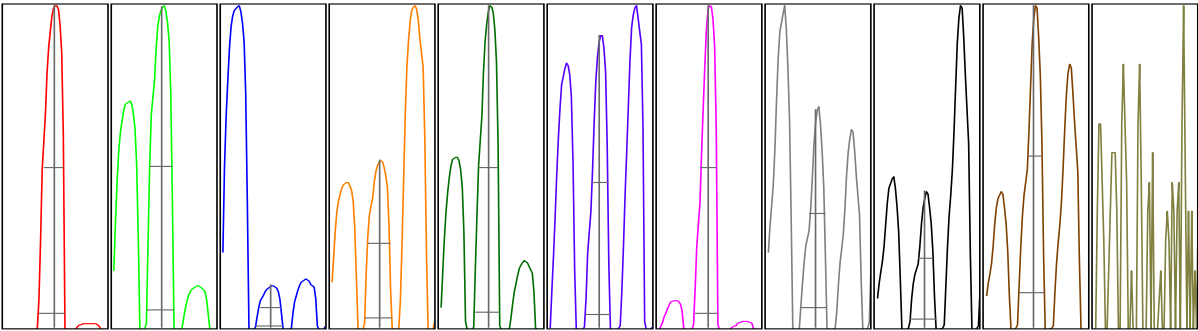
Batch Folder D:\ICP-MS Data\P7070519-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6882	0.30	5.00	
24	63002	0.62	5.00	
25	8419	0.45	5.00	
26	9556	0.73	5.00	
59	33072	0.43	5.00	
113	2949	0.61	5.00	
115	35716	0.41	5.00	
206	8122	0.60	5.00	
207	7607	0.78	5.00	
208	17674	0.46	5.00	
220	0	46.57		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6865	6883	6862	6889	6913
24	62422	63189	62840	63115	63441
25	8377	8410	8393	8450	8466
26	9462	9569	9512	9635	9602
59	32901	33123	32939	33182	33212
113	2944	2972	2958	2925	2945
115	35635	35831	35500	35851	35764
206	8099	8130	8074	8104	8201
207	7636	7682	7547	7546	7625
208	17645	17789	17568	17705	17662
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11783	9.00	8.9 - 9.1		0.769	0.900	
24	104390	23.95	23.9 - 24.1		0.784	0.900	
25	13994	24.95	24.9 - 25.1		0.784	0.900	
26	16154	25.95	25.9 - 26.1		0.780	0.900	
59	60994	58.95	58.9 - 59.1		0.733	0.900	
113	6216	113.00	112.9 - 113.1		0.717	0.900	
115	75722	115.00	114.9 - 115.1		0.681	0.900	
206	17467	205.95	205.9 - 206.1		0.739	0.900	
207	15935	206.95	206.9 - 207.1		0.728	0.900	
208	37597	207.95	207.9 - 208.1		0.735	0.900	
220	0	219.70	-		0.225		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	14.2	V
Extract 2	-150.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8769	1.49	
89	13302	1.73	
205	7191	1.10	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8786	8923	8845	8583	8710
89	13394	13464	13467	12918	13267
205	7162	7269	7250	7070	7201

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	2.2	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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 :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.26	0.00	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	-0.02	0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	-0.29	0.26	0.00	N/A	ppb
Boron	11-1	-0.33	0.27	0.06	0.00	N/A	ppb
Cadmium	111-1	0.02	0.08	-0.10	0.00	N/A	ppb
Cadmium	106-1	0.08	1.11	-1.20	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Calcium	43-1	1.35	0.39	-1.75	0.00	N/A	ppb
Calcium	44-1	0.80	-0.14	-0.67	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.04	-0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	0.08	-0.10	0.00	N/A	ppb
Iron	57-2	-0.08	-0.44	0.52	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	-0.04	0.01	0.03	0.00	N/A	ppb
Lead	208-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	0.08	0.08	0.00	N/A	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	-26.01	-30.60	-25.93	-27.51		ppb
Potassium	39-2	-1.79	2.94	-1.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.30	0.60	-0.30	0.00	N/A	ppb
Selenium	78-2	-0.48	0.49	-0.01	0.00	N/A	ppb
Selenium	82-1	-0.29	0.60	-0.31	0.00	N/A	ppb
Silicon	28-1	0.25	-0.08	-0.17	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	0.74	-0.09	-0.65	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-325.77	-283.50	-575.31	-394.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.03	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.10	0.13	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.05	-0.03	-0.02	0.00	N/A	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.27	20.46	18.21	18.65	8.78	ppb
Antimony	121-1	2.14	2.09	1.91	2.05	5.96	ppb
Arsenic	75-1	0.85	0.79	0.95	0.86	9.57	ppb
Barium	135-1	10.47	10.53	10.08	10.36	2.35	ppb
Barium	137-1	10.45	10.73	10.12	10.43	2.93	ppb
Beryllium	9-1	1.04	1.01	0.98	1.01	3.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	27.36	25.63	24.03	25.67	6.49	ppb
Boron	11-1	30.66	25.91	25.50	27.36	10.48	ppb
Cadmium	111-1	1.11	0.88	1.14	1.05	13.49	ppb
Cadmium	106-1	2.08	1.69	1.74	1.84	11.50	ppb
Cadmium	108-1	0.86	1.23	0.75	0.95	26.88	ppb
Calcium	43-1	601.50	453.98	471.53	509.00	15.83	ppb
Calcium	44-1	609.67	469.39	451.06	510.04	17.01	ppb
Chromium	52-2	2.10	2.01	2.22	2.11	5.00	ppb
Cobalt	59-2	1.06	1.13	1.04	1.08	4.48	ppb
Copper	63-2	2.02	2.19	2.12	2.11	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	49.87	50.36	50.51	50.24	0.67	ppb
Iron	57-2	52.03	58.07	48.47	52.85	9.19	ppb
Krypton	83-1						cps
Lead	206-1	1.23	0.99	1.06	1.09	11.20	ppb
Lead	207-1	1.26	1.01	0.88	1.05	17.98	ppb
Lead	208-1	1.24	1.00	0.95	1.06	14.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	525.95	526.10	530.14	527.40	0.45	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.10	1.05	1.10	4.51	ppb
Molybdenum	94-1	4.70	4.29	4.44	4.48	4.60	ppb
Molybdenum	95-1	4.16	4.26	4.16	4.19	1.33	ppb
Molybdenum	96-1	4.33	4.53	4.12	4.33	4.73	ppb
Molybdenum	97-1	4.53	4.21	4.35	4.36	3.65	ppb
Molybdenum	98-1	4.30	4.42	4.27	4.33	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.14	1.13	1.10	5.13	ppb
Phosphorus	31-2	37.97	32.60	11.96	27.51	49.92	ppb
Potassium	39-2	490.23	496.97	502.36	496.52	1.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	5.10	6.76	7.75	6.54	20.48	ppb
Selenium	78-2	6.64	7.66	4.29	6.20	27.83	ppb
Selenium	82-1	6.12	5.07	4.95	5.38	12.00	ppb
Silicon	28-1	24.46	8.40	6.61	13.16	74.67	ppb
Silver	109-1	1.12	1.09	1.15	1.12	2.87	ppb
Silver	107-1	1.08	1.12	1.02	1.07	5.12	ppb
Sodium	23-2	511.95	508.23	507.26	509.15	0.49	ppb
Strontium	86-1	1.18	0.88	0.96	1.01	15.14	ppb
Strontium	88-1	1.12	0.99	1.03	1.05	6.74	ppb
Sulfur	34-1	1284.54	103.36	-203.31	394.86	198.95	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.96	0.92	0.86	0.91	5.48	ppb
Thallium	205-1	1.07	0.99	0.92	0.99	7.34	ppb
Thorium	232-1	0.92	0.87	0.85	0.88	4.12	ppb
Tin	118-1	5.33	5.44	5.33	5.37	1.15	ppb
Titanium	47-1	4.14	4.16	4.14	4.15	0.28	ppb
Uranium	238-1	0.92	0.87	0.87	0.89	3.08	ppb
Vanadium	51-2	5.45	5.46	5.53	5.48	0.85	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.90	1.92	1.81	1.88	3.19	ppb
Zirconium	90-1	1.08	0.99	1.01	1.03	4.83	ppb
Zirconium	91-1	0.98	1.00	1.02	1.00	2.01	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:21:10 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.49	1047.65	1022.17	1027.43	1.77	ppb
Antimony	121-1	60.10	52.81	52.80	55.24	7.62	ppb
Arsenic	75-1	59.80	53.89	52.48	55.39	7.01	ppb
Barium	135-1	298.16	266.78	260.11	275.02	7.39	ppb
Barium	137-1	298.36	263.84	264.87	275.69	7.12	ppb
Beryllium	9-1	58.27	53.70	53.48	55.15	4.91	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	58.25	52.44	50.26	53.65	7.70	ppb
Boron	11-1	56.54	51.98	51.31	53.28	5.34	ppb
Cadmium	111-1	57.79	52.03	50.31	53.38	7.35	ppb
Cadmium	106-1	59.11	54.09	49.13	54.11	9.23	ppb
Cadmium	108-1	57.12	50.98	52.23	53.44	6.07	ppb
Calcium	43-1	5374.61	4852.90	4804.24	5010.58	6.31	ppb
Calcium	44-1	5317.06	4737.17	4692.95	4915.73	7.08	ppb
Chromium	52-2	55.13	56.59	55.57	55.76	1.34	ppb
Cobalt	59-2	56.96	58.82	57.59	57.79	1.64	ppb
Copper	63-2	109.52	112.45	109.55	110.51	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	2504.48	2556.27	2541.70	2534.15	1.05	ppb
Iron	57-2	2614.55	2681.12	2616.45	2637.37	1.44	ppb
Krypton	83-1						cps
Lead	206-1	58.46	52.78	52.00	54.41	6.47	ppb
Lead	207-1	57.21	51.60	51.08	53.30	6.38	ppb
Lead	208-1	58.04	51.71	51.32	53.69	7.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	5334.99	5434.89	5358.06	5375.98	0.97	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:21:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.40	113.34	113.74	112.82	1.11	ppb
Molybdenum	94-1	290.53	260.96	258.59	270.03	6.59	ppb
Molybdenum	95-1	289.22	258.44	258.95	268.87	6.55	ppb
Molybdenum	96-1	291.84	254.61	255.71	267.39	7.92	ppb
Molybdenum	97-1	294.72	264.96	261.90	273.86	6.62	ppb
Molybdenum	98-1	287.75	257.61	256.26	267.21	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.23	57.19	56.20	56.21	1.75	ppb
Phosphorus	31-2	1100.40	1084.66	1152.22	1112.43	3.18	ppb
Potassium	39-2	2536.98	2636.48	2571.11	2581.52	1.96	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	43.26	51.64	54.13	49.68	11.46	ppb
Selenium	78-2	50.66	58.75	55.39	54.93	7.40	ppb
Selenium	82-1	58.98	52.70	49.76	53.81	8.75	ppb
Silicon	28-1	47.21	39.88	38.58	41.89	11.10	ppb
Silver	109-1	59.02	53.64	53.24	55.30	5.84	ppb
Silver	107-1	59.24	52.77	52.53	54.85	6.94	ppb
Sodium	23-2	5242.64	5322.33	5263.06	5276.01	0.78	ppb
Strontium	86-1	58.18	52.31	52.07	54.19	6.39	ppb
Strontium	88-1	58.43	52.31	51.52	54.09	6.99	ppb
Sulfur	34-1	2141.62	969.15	636.47	1249.08	63.30	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	55.98	51.05	50.58	52.54	5.69	ppb
Thallium	205-1	56.52	51.64	51.28	53.15	5.51	ppb
Thorium	232-1	54.07	48.15	48.04	50.09	6.88	ppb
Tin	118-1	58.86	53.53	51.90	54.76	6.64	ppb
Titanium	47-1	288.16	259.49	258.07	268.57	6.32	ppb
Uranium	238-1	54.89	48.60	48.50	50.66	7.23	ppb
Vanadium	51-2	53.89	55.42	54.51	54.60	1.41	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:21:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	111.09	116.39	111.66	113.04	2.57	ppb
Zirconium	90-1	57.31	51.79	50.65	53.25	6.68	ppb
Zirconium	91-1	59.06	53.88	52.74	55.22	6.10	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:25:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2427.95	2416.55	2393.39	2412.63	0.73	ppb
Antimony	121-1	129.47	131.25	129.67	130.13	0.75	ppb
Arsenic	75-1	133.06	131.13	131.12	131.77	0.85	ppb
Barium	135-1	650.85	655.25	648.60	651.57	0.52	ppb
Barium	137-1	647.00	647.96	647.22	647.39	0.08	ppb
Beryllium	9-1	131.30	130.35	129.02	130.22	0.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	129.14	124.81	123.05	125.67	2.50	ppb
Boron	11-1	128.40	127.19	127.74	127.78	0.47	ppb
Cadmium	111-1	126.48	125.57	125.65	125.90	0.40	ppb
Cadmium	106-1	130.23	126.48	127.12	127.94	1.57	ppb
Cadmium	108-1	121.77	127.47	129.25	126.16	3.10	ppb
Calcium	43-1	12089.74	11942.17	12084.15	12038.69	0.69	ppb
Calcium	44-1	11769.97	11734.87	11717.26	11740.70	0.23	ppb
Chromium	52-2	133.33	133.64	132.42	133.13	0.48	ppb
Cobalt	59-2	135.27	137.60	136.52	136.47	0.86	ppb
Copper	63-2	259.26	261.84	261.97	261.02	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	6036.66	6044.57	6048.26	6043.16	0.10	ppb
Iron	57-2	6165.96	6309.91	6222.97	6232.95	1.16	ppb
Krypton	83-1						cps
Lead	206-1	128.76	128.86	127.91	128.51	0.41	ppb
Lead	207-1	128.31	130.12	126.83	128.42	1.28	ppb
Lead	208-1	127.89	129.06	127.12	128.02	0.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	12369.63	12481.45	12424.40	12425.16	0.45	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:25:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	265.63	266.83	266.78	266.42	0.25	ppb
Molybdenum	94-1	636.08	638.37	640.84	638.43	0.37	ppb
Molybdenum	95-1	638.88	638.63	639.91	639.14	0.11	ppb
Molybdenum	96-1	633.51	629.27	635.93	632.90	0.53	ppb
Molybdenum	97-1	648.82	641.91	650.23	646.99	0.69	ppb
Molybdenum	98-1	638.30	627.48	633.46	633.08	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.72	134.05	132.80	133.85	0.73	ppb
Phosphorus	31-2	2662.19	2686.17	2512.60	2620.32	3.59	ppb
Potassium	39-2	6025.49	6069.48	6104.36	6066.44	0.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	143.73	129.65	122.99	132.13	8.02	ppb
Selenium	78-2	128.11	130.70	120.51	126.44	4.19	ppb
Selenium	82-1	127.75	129.72	131.11	129.53	1.31	ppb
Silicon	28-1	97.42	96.36	97.54	97.10	0.67	ppb
Silver	109-1	129.69	129.18	130.09	129.65	0.35	ppb
Silver	107-1	129.11	126.74	130.51	128.79	1.48	ppb
Sodium	23-2	12298.37	12304.34	12298.66	12300.46	0.03	ppb
Strontium	86-1	130.18	130.18	127.99	129.45	0.98	ppb
Strontium	88-1	126.68	127.44	126.54	126.89	0.38	ppb
Sulfur	34-1	2221.24	2125.64	1709.28	2018.72	13.48	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	125.66	124.97	124.21	124.95	0.58	ppb
Thallium	205-1	128.09	126.30	126.20	126.87	0.84	ppb
Thorium	232-1	121.27	120.64	120.41	120.77	0.37	ppb
Tin	118-1	129.19	129.13	129.54	129.28	0.17	ppb
Titanium	47-1	643.86	636.59	635.19	638.55	0.73	ppb
Uranium	238-1	122.89	122.66	122.53	122.70	0.15	ppb
Vanadium	51-2	129.72	131.83	130.09	130.54	0.86	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:25:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	251.73	248.58	247.29	249.20	0.92	ppb
Zirconium	90-1	125.52	123.13	126.59	125.08	1.41	ppb
Zirconium	91-1	132.98	130.19	133.42	132.20	1.32	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4779.42	4955.62	4837.31	4857.45	1.85	ppb
Antimony	121-1	256.40	238.25	273.89	256.18	6.96	ppb
Arsenic	75-1	254.71	240.56	274.20	256.49	6.58	ppb
Barium	135-1	1279.59	1170.47	1388.34	1279.46	8.51	ppb
Barium	137-1	1270.67	1163.64	1365.19	1266.50	7.96	ppb
Beryllium	9-1	258.82	237.23	271.68	255.91	6.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	250.21	228.14	264.71	247.69	7.44	ppb
Boron	11-1	257.31	231.82	271.24	253.46	7.89	ppb
Cadmium	111-1	247.46	226.01	261.82	245.10	7.35	ppb
Cadmium	106-1	240.10	219.22	266.80	242.04	9.85	ppb
Cadmium	108-1	244.18	230.81	268.35	247.78	7.68	ppb
Calcium	43-1	23437.52	21710.59	25535.30	23561.14	8.13	ppb
Calcium	44-1	23000.03	21452.95	24719.72	23057.57	7.09	ppb
Chromium	52-2	267.44	273.88	270.70	270.67	1.19	ppb
Cobalt	59-2	275.95	279.41	278.42	277.93	0.64	ppb
Copper	63-2	519.93	540.20	529.70	529.94	1.91	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				102		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	12295.02	12520.02	12227.50	12347.52	1.24	ppb
Iron	57-2	12502.12	12864.32	12597.33	12654.59	1.48	ppb
Krypton	83-1						cps
Lead	206-1	254.15	236.27	274.52	254.98	7.51	ppb
Lead	207-1	251.82	232.21	271.61	251.88	7.82	ppb
Lead	208-1	254.19	233.49	272.67	253.45	7.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	25370.01	25633.62	25028.81	25344.15	1.20	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	536.03	545.23	538.10	539.79	0.89	ppb
Molybdenum	94-1	1252.01	1169.56	1337.78	1253.11	6.71	ppb
Molybdenum	95-1	1252.91	1158.74	1339.22	1250.29	7.22	ppb
Molybdenum	96-1	1263.48	1158.12	1344.35	1255.31	7.44	ppb
Molybdenum	97-1	1233.83	1141.77	1333.31	1236.30	7.75	ppb
Molybdenum	98-1	1261.97	1151.76	1343.33	1252.35	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.88	273.51	270.41	269.60	1.62	ppb
Phosphorus	31-2	5319.36	5382.44	5208.26	5303.35	1.66	ppb
Potassium	39-2	12058.95	12414.93	12201.02	12224.96	1.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	277.87	250.40	245.77	258.01	6.72	ppb
Selenium	78-2	269.65	257.34	258.82	261.94	2.57	ppb
Selenium	82-1	251.48	233.89	274.85	253.41	8.11	ppb
Silicon	28-1	189.89	173.31	208.35	190.52	9.20	ppb
Silver	109-1	250.91	230.60	268.91	250.14	7.66	ppb
Silver	107-1	249.07	232.30	270.83	250.73	7.71	ppb
Sodium	23-2	24757.91	24940.08	24678.41	24792.14	0.54	ppb
Strontium	86-1	253.79	236.43	275.10	255.11	7.59	ppb
Strontium	88-1	249.84	233.62	269.82	251.09	7.22	ppb
Sulfur	34-1	4051.58	2726.87	4793.16	3857.20	27.14	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	246.66	229.38	268.83	248.29	7.96	ppb
Thallium	205-1	250.20	226.96	268.30	248.49	8.34	ppb
Thorium	232-1	244.23	224.60	263.58	244.13	7.98	ppb
Tin	118-1	255.63	238.37	273.01	255.67	6.78	ppb
Titanium	47-1	1257.14	1160.85	1347.06	1255.01	7.42	ppb
Uranium	238-1	242.86	223.44	263.50	243.27	8.24	ppb
Vanadium	51-2	261.90	269.40	266.12	265.80	1.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	500.59	514.80	506.71	507.37	1.41	ppb
Zirconium	90-1	248.21	229.05	265.53	247.60	7.37	ppb
Zirconium	91-1	258.85	237.65	277.24	257.92	7.68	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9590.05	9465.03	9269.22	9441.44	1.71	ppb
Antimony	121-1	518.01	522.54	524.31	521.62	0.62	ppb
Arsenic	75-1	526.96	531.77	530.90	529.87	0.48	ppb
Barium	135-1	2559.31	2539.96	2584.63	2561.30	0.87	ppb
Barium	137-1	2568.62	2550.93	2561.51	2560.35	0.35	ppb
Beryllium	9-1	523.27	532.05	529.93	528.41	0.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	495.95	522.73	515.14	511.27	2.70	ppb
Boron	11-1	512.09	521.67	522.87	518.88	1.14	ppb
Cadmium	111-1	494.39	501.02	497.38	497.60	0.67	ppb
Cadmium	106-1	502.68	505.78	507.77	505.41	0.51	ppb
Cadmium	108-1	512.77	505.14	508.01	508.64	0.76	ppb
Calcium	43-1	47460.51	47615.47	47726.99	47600.99	0.28	ppb
Calcium	44-1	46741.81	47256.20	47105.53	47034.52	0.56	ppb
Chromium	52-2	528.47	532.85	526.31	529.21	0.63	ppb
Cobalt	59-2	540.40	544.75	535.01	540.05	0.90	ppb
Copper	63-2	1016.62	1023.41	1012.39	1017.47	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	24492.86	24385.32	23779.39	24219.19	1.59	ppb
Iron	57-2	24916.57	24966.65	24839.92	24907.72	0.26	ppb
Krypton	83-1						cps
Lead	206-1	508.39	514.02	508.56	510.33	0.63	ppb
Lead	207-1	515.54	515.43	516.40	515.79	0.10	ppb
Lead	208-1	508.65	514.40	509.16	510.74	0.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	50329.23	49677.73	49000.79	49669.25	1.34	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1067.26	1068.67	1044.44	1060.12	1.28	ppb
Molybdenum	94-1	2599.66	2582.43	2565.14	2582.41	0.67	ppb
Molybdenum	95-1	2591.05	2604.25	2577.90	2591.07	0.51	ppb
Molybdenum	96-1	2575.42	2586.24	2574.00	2578.55	0.26	ppb
Molybdenum	97-1	2609.63	2586.79	2561.66	2586.02	0.93	ppb
Molybdenum	98-1	2601.01	2578.00	2564.64	2581.22	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.68	529.34	520.40	525.47	0.87	ppb
Phosphorus	31-2	10357.98	10394.42	10399.58	10383.99	0.22	ppb
Potassium	39-2	24018.12	23778.67	23484.62	23760.47	1.12	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	515.43	494.69	547.47	519.19	5.12	ppb
Selenium	78-2	505.90	525.08	507.21	512.73	2.09	ppb
Selenium	82-1	520.12	520.06	521.95	520.71	0.21	ppb
Silicon	28-1	384.34	383.56	392.17	386.69	1.23	ppb
Silver	109-1	493.54	494.52	496.11	494.72	0.26	ppb
Silver	107-1	489.81	491.83	490.92	490.85	0.21	ppb
Sodium	23-2	49497.32	49203.72	48709.75	49136.93	0.81	ppb
Strontium	86-1	524.37	515.86	522.50	520.91	0.86	ppb
Strontium	88-1	514.82	511.88	511.90	512.86	0.33	ppb
Sulfur	34-1	10334.09	10213.84	10409.82	10319.25	0.96	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	500.82	506.11	507.81	504.91	0.72	ppb
Thallium	205-1	501.77	511.71	508.61	507.36	1.00	ppb
Thorium	232-1	497.74	502.55	502.88	501.06	0.57	ppb
Tin	118-1	511.76	512.50	515.89	513.38	0.43	ppb
Titanium	47-1	2500.03	2514.08	2523.59	2512.56	0.47	ppb
Uranium	238-1	497.49	503.88	495.28	498.88	0.90	ppb
Vanadium	51-2	527.44	522.13	520.30	523.29	0.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.15	1000.41	983.02	987.53	1.15	ppb
Zirconium	90-1	515.29	515.57	513.41	514.75	0.23	ppb
Zirconium	91-1	521.74	515.90	517.34	518.33	0.59	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:38:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17684.49	17474.28	18089.99	17749.59	1.76	ppb
Antimony	121-1	1005.49	973.23	981.50	986.74	1.70	ppb
Arsenic	75-1	995.32	973.38	978.27	982.32	1.17	ppb
Barium	135-1	5039.57	4865.22	4967.45	4957.41	1.77	ppb
Barium	137-1	5024.99	4897.89	4961.96	4961.62	1.28	ppb
Beryllium	9-1	996.38	979.62	974.22	983.40	1.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	999.43	987.41	997.14	994.66	0.64	ppb
Boron	11-1	997.30	986.35	983.73	989.13	0.73	ppb
Cadmium	111-1	1024.23	981.72	1000.49	1002.15	2.13	ppb
Cadmium	106-1	1039.11	975.75	981.27	998.71	3.51	ppb
Cadmium	108-1	1029.94	977.48	980.33	995.92	2.96	ppb
Calcium	43-1	92650.38	89577.55	89858.11	90695.35	1.87	ppb
Calcium	44-1	93014.02	89794.97	90189.68	90999.56	1.93	ppb
Chromium	52-2	975.52	958.25	1002.99	978.92	2.31	ppb
Cobalt	59-2	961.35	936.46	1015.70	971.17	4.17	ppb
Copper	63-2	1985.25	1953.39	2006.98	1981.87	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	49799.18	48781.33	50364.83	49648.45	1.62	ppb
Iron	57-2	52605.41	51802.79	53533.78	52647.33	1.65	ppb
Krypton	83-1						cps
Lead	206-1	1006.61	988.41	983.77	992.93	1.22	ppb
Lead	207-1	1004.80	985.26	983.08	991.04	1.21	ppb
Lead	208-1	1005.07	987.26	987.30	993.21	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	93774.86	92314.73	94861.29	93650.29	1.36	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:38:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1946.87	1923.15	2001.87	1957.30	2.06	ppb
Molybdenum	94-1	5039.21	4927.25	4899.55	4955.34	1.49	ppb
Molybdenum	95-1	5020.41	4915.47	4919.17	4951.68	1.20	ppb
Molybdenum	96-1	5007.68	4946.72	4918.22	4957.54	0.92	ppb
Molybdenum	97-1	5005.87	4944.46	4919.08	4956.47	0.90	ppb
Molybdenum	98-1	5021.94	4933.42	4915.44	4956.93	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.21	964.17	999.45	980.95	1.80	ppb
Phosphorus	31-2	19724.17	19435.60	19974.74	19711.50	1.37	ppb
Potassium	39-2	44547.77	43826.05	45092.80	44488.87	1.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	1047.05	914.15	1001.35	987.52	6.84	ppb
Selenium	78-2	976.85	978.29	1015.52	990.22	2.21	ppb
Selenium	82-1	1002.42	984.20	977.47	988.03	1.31	ppb
Silicon	28-1	1089.13	1065.47	1071.56	1075.39	1.14	ppb
Silver	109-1	1013.59	994.72	996.96	1001.76	1.03	ppb
Silver	107-1	1022.71	990.27	998.04	1003.67	1.69	ppb
Sodium	23-2	93838.15	91201.97	93610.82	92883.65	1.57	ppb
Strontium	86-1	992.83	987.07	982.61	987.50	0.52	ppb
Strontium	88-1	1003.24	991.76	983.56	992.85	1.00	ppb
Sulfur	34-1	20804.42	20046.30	19670.62	20173.78	2.86	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1004.34	992.08	997.14	997.85	0.62	ppb
Thallium	205-1	1009.01	988.51	991.40	996.31	1.11	ppb
Thorium	232-1	1029.93	984.80	989.65	1001.46	2.47	ppb
Tin	118-1	1001.90	987.13	984.33	991.12	0.95	ppb
Titanium	47-1	5045.20	4940.07	4984.26	4989.84	1.06	ppb
Uranium	238-1	1014.05	991.26	1002.18	1002.50	1.14	ppb
Vanadium	51-2	974.68	969.08	1006.67	983.48	2.06	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:38:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1974.02	1977.17	2060.35	2003.84	2.44	ppb
Zirconium	90-1	1012.57	986.95	979.64	993.05	1.74	ppb
Zirconium	91-1	997.57	984.67	980.85	987.70	0.89	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101534.67	100707.97	99302.29	100514.98	1.12	ppb
Antimony	121-1	1.58	1.77	1.87	1.74	8.50	ppb
Arsenic	75-1	1.25	1.23	1.14	1.21	4.69	ppb
Barium	135-1	1.05	0.82	0.84	0.91	14.00	ppb
Barium	137-1	1.15	1.08	0.87	1.04	14.10	ppb
Beryllium	9-1	0.15	0.10	0.14	0.13	20.62	ppb
Bismuth	209-1				82		%
Bismuth	209-2				85		%
Boron	10-1	58.46	52.80	50.14	53.80	7.90	ppb
Boron	11-1	58.15	53.50	48.43	53.36	9.11	ppb
Cadmium	111-1	0.28	0.20	0.11	0.20	44.65	ppb
Cadmium	106-1	1.22	0.28	-0.67	0.28	341.92	ppb
Cadmium	108-1	0.39	0.63	0.23	0.42	48.95	ppb
Calcium	43-1	499981.92	504518.52	502052.13	502184.19	0.45	ppb
Calcium	44-1	503703.62	504329.62	498607.48	502213.57	0.62	ppb
Chromium	52-2	8.29	8.14	8.24	8.22	0.94	ppb
Cobalt	59-2	13.87	13.42	13.72	13.67	1.68	ppb
Copper	63-2	2.37	2.46	2.47	2.44	2.40	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				93		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	252413.76	249759.05	248309.73	250160.84	0.83	ppb
Iron	57-2	253254.41	249029.52	246129.32	249471.09	1.44	ppb
Krypton	83-1						cps
Lead	206-1	1.14	1.10	0.97	1.07	8.17	ppb
Lead	207-1	1.01	1.11	1.08	1.07	4.84	ppb
Lead	208-1	1.05	1.11	1.04	1.07	3.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	506557.07	500402.01	496892.59	501283.89	0.98	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.46	6.33	5.95	6.25	4.25	ppb
Molybdenum	94-1	2.52	2.29	2.13	2.32	8.51	ppb
Molybdenum	95-1	2.99	2.88	2.85	2.91	2.61	ppb
Molybdenum	96-1	3.73	3.78	3.45	3.65	4.88	ppb
Molybdenum	97-1	2.65	2.60	2.33	2.52	6.72	ppb
Molybdenum	98-1	2.42	2.21	2.08	2.24	7.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.74	11.74	12.34	11.94	2.89	ppb
Phosphorus	31-2	-0.08	-4.56	-7.34	-3.99		ppb
Potassium	39-2	253926.64	250110.39	249694.10	251243.71	0.93	ppb
Rhodium	103-1				79		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	0.61	-0.30	0.60	0.31	170.79	ppb
Selenium	78-2	1.66	1.28	1.90	1.61	19.39	ppb
Selenium	82-1	0.03	0.14	0.90	0.36	133.09	ppb
Silicon	28-1	30.18	30.31	28.30	29.60	3.80	ppb
Silver	109-1	0.12	0.06	0.08	0.09	34.29	ppb
Silver	107-1	0.12	0.10	0.05	0.09	36.86	ppb
Sodium	23-2	509695.90	497640.39	497230.28	501522.19	1.41	ppb
Strontium	86-1	4.72	4.68	4.55	4.65	1.91	ppb
Strontium	88-1	4.72	4.60	4.59	4.64	1.57	ppb
Sulfur	34-1	-1467.96	-1149.92	-1187.42	-1268.43		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.35	0.24	0.23	0.27	23.57	ppb
Thallium	205-1	0.31	0.30	0.29	0.30	2.98	ppb
Thorium	232-1	0.27	0.20	0.18	0.22	20.40	ppb
Tin	118-1	0.41	0.42	0.43	0.42	2.81	ppb
Titanium	47-1	1.31	1.20	0.97	1.16	15.03	ppb
Uranium	238-1	0.13	0.09	0.06	0.09	35.11	ppb
Vanadium	51-2	0.23	0.18	0.25	0.22	16.02	ppb
Yttrium	89-1				90		%
Yttrium	89-2				98		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.09	21.53	20.13	21.59	6.86	ppb
Zirconium	90-1	0.30	0.28	0.25	0.28	9.26	ppb
Zirconium	91-1	0.33	0.36	0.28	0.32	13.09	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:51:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.43	487.48	474.03	488.31	3.01	ppb
Antimony	121-1	211.66	207.14	209.38	209.39	1.08	ppb
Arsenic	75-1	187.83	186.47	182.29	185.53	1.55	ppb
Barium	135-1	108.90	106.00	106.58	107.16	1.43	ppb
Barium	137-1	108.06	106.66	107.73	107.49	0.68	ppb
Beryllium	9-1	103.49	104.84	105.17	104.50	0.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	13.27	12.82	12.46	12.85	3.15	ppb
Boron	11-1	13.53	14.62	12.68	13.61	7.15	ppb
Cadmium	111-1	103.49	99.82	101.19	101.50	1.83	ppb
Cadmium	106-1	80.60	80.69	77.55	79.61	2.24	ppb
Cadmium	108-1	106.87	110.35	111.22	109.48	2.10	ppb
Calcium	43-1	1915.92	1862.54	1896.98	1891.81	1.43	ppb
Calcium	44-1	1927.20	1889.36	1877.51	1898.02	1.37	ppb
Chromium	52-2	107.41	106.31	106.44	106.72	0.56	ppb
Cobalt	59-2	113.75	111.23	112.08	112.35	1.14	ppb
Copper	63-2	107.44	107.26	106.79	107.16	0.32	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				97		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	952.65	941.31	945.75	946.57	0.60	ppb
Iron	57-2	1030.81	1042.03	1035.19	1036.01	0.55	ppb
Krypton	83-1						cps
Lead	206-1	217.10	211.19	213.22	213.84	1.40	ppb
Lead	207-1	204.93	201.34	202.44	202.90	0.91	ppb
Lead	208-1	209.40	206.48	207.94	207.94	0.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	1247.60	1252.82	1270.30	1256.91	0.95	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:51:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.31	107.19	106.65	107.05	0.33	ppb
Molybdenum	94-1	1517.06	1515.51	1518.02	1516.86	0.08	ppb
Molybdenum	95-1	2095.71	2059.48	2055.90	2070.36	1.06	ppb
Molybdenum	96-1	2001.15	1995.13	1988.34	1994.87	0.32	ppb
Molybdenum	97-1	2080.40	2064.18	2061.39	2068.65	0.50	ppb
Molybdenum	98-1	2068.81	2045.74	2048.86	2054.47	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.48	99.31	99.95	100.24	1.11	ppb
Phosphorus	31-2	-36.14	-29.22	-31.64	-32.33		ppb
Potassium	39-2	2014.14	1997.11	2004.99	2005.41	0.42	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	210.90	201.06	181.26	197.74	7.63	ppb
Selenium	78-2	210.04	203.03	216.47	209.84	3.20	ppb
Selenium	82-1	210.97	210.66	208.71	210.11	0.58	ppb
Silicon	28-1	6.98	8.11	6.74	7.27	10.04	ppb
Silver	109-1	103.08	100.19	101.79	101.69	1.42	ppb
Silver	107-1	103.37	101.39	101.98	102.24	0.99	ppb
Sodium	23-2	2116.82	2098.45	2105.77	2107.01	0.44	ppb
Strontium	86-1	2.51	2.66	2.39	2.52	5.39	ppb
Strontium	88-1	2.56	2.56	2.51	2.54	1.16	ppb
Sulfur	34-1	-1242.18	-1195.63	-2003.94	-1480.58		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	208.17	205.79	206.23	206.73	0.61	ppb
Thallium	205-1	210.01	206.90	207.34	208.09	0.81	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	6.40	ppb
Tin	118-1	0.08	0.04	0.05	0.06	40.99	ppb
Titanium	47-1	2056.19	2039.70	2018.88	2038.26	0.92	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	105.20	105.88	105.04	105.37	0.42	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:51:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	203.94	201.62	204.43	203.33	0.74	ppb
Zirconium	90-1	0.17	0.15	0.12	0.15	14.05	ppb
Zirconium	91-1	0.19	0.14	0.13	0.16	19.72	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:54:45 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	-0.13	0.65	0.36	119.26	ppb
Antimony	121-1	0.16	0.23	0.23	0.21	20.67	ppb
Arsenic	75-1	0.09	0.10	0.02	0.07	64.62	ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	25.89	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	10.36	10.74	11.55	10.88	5.57	ppb
Boron	11-1	11.12	11.52	10.73	11.12	3.56	ppb
Cadmium	111-1	0.19	0.31	0.15	0.22	37.52	ppb
Cadmium	106-1	2.36	3.78	1.72	2.62	40.34	ppb
Cadmium	108-1	-0.02	-0.02	0.06	0.01	762.27	ppb
Calcium	43-1	0.44	4.64	2.56	2.55	82.30	ppb
Calcium	44-1	7.91	9.50	6.89	8.10	16.20	ppb
Chromium	52-2	-0.01	0.00	-0.06	-0.02		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.00	-0.07	0.01	-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				95		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	1.71	1.73	1.64	1.69	2.96	ppb
Iron	57-2	2.40	2.27	1.51	2.06	23.37	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.10	0.09	9.49	ppb
Lead	207-1	0.01	0.04	0.03	0.03	68.69	ppb
Lead	208-1	0.02	0.04	0.05	0.04	36.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.40	3.22	2.47	3.03	16.22	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:54:45	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.36	0.24	0.25	0.29	23.95	ppb
Molybdenum	95-1	0.39	0.39	0.31	0.36	13.05	ppb
Molybdenum	96-1	0.37	0.31	0.33	0.34	8.82	ppb
Molybdenum	97-1	0.32	0.34	0.30	0.32	5.57	ppb
Molybdenum	98-1	0.39	0.35	0.35	0.36	6.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-8.25	-35.51	-28.24	-24.00		ppb
Potassium	39-2	9.72	7.88	7.72	8.44	13.15	ppb
Rhodium	103-1				92		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.78	-0.21	-0.48	0.03	2331.61	ppb
Selenium	82-1	0.92	-0.05	-0.90	-0.01		ppb
Silicon	28-1	2.96	4.18	1.97	3.04	36.41	ppb
Silver	109-1	0.02	0.00	0.01	0.01	109.97	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.27	ppb
Sodium	23-2	34.56	32.13	29.53	32.07	7.84	ppb
Strontium	86-1	-0.02	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-445.08	6.33	-284.10	-240.95		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.05	0.06	15.12	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.66	ppb
Thorium	232-1	0.01	0.02	0.02	0.01	24.62	ppb
Tin	118-1	-0.01	-0.01	0.01	-0.01		ppb
Titanium	47-1	0.12	0.12	0.07	0.11	28.11	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	286.79	ppb
Yttrium	89-1				95		%
Yttrium	89-2				101		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:54:45	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	0.16	0.02	0.15	77.48	ppb
Zirconium	90-1	-0.01	-0.01	0.02	0.00	1466.97	ppb
Zirconium	91-1	0.00	0.00	0.04	0.01	176.14	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:58:22	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87977.43	87083.68	92577.95	89213.02	3.30	ppb
Antimony	121-1	1.37	1.22	1.20	1.26	7.45	ppb
Arsenic	75-1	1.03	1.24	1.08	1.12	9.84	ppb
Barium	135-1	1.54	1.56	1.54	1.55	0.65	ppb
Barium	137-1	1.54	1.48	1.60	1.54	3.95	ppb
Beryllium	9-1	0.30	0.31	0.37	0.33	11.18	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	7.25	6.59	5.74	6.53	11.57	ppb
Boron	11-1	7.80	7.82	6.50	7.37	10.24	ppb
Cadmium	111-1	0.81	0.46	0.77	0.68	28.14	ppb
Cadmium	106-1	2.97	-1.21	-0.60	0.39	583.95	ppb
Cadmium	108-1	17.39	14.74	14.97	15.70	9.35	ppb
Calcium	43-1	92228.99	90485.53	91512.05	91408.86	0.96	ppb
Calcium	44-1	93419.03	93256.31	94124.93	93600.09	0.49	ppb
Chromium	52-2	21.66	21.60	22.37	21.88	1.96	ppb
Cobalt	59-2	1.43	1.32	1.30	1.35	5.39	ppb
Copper	63-2	7.88	8.02	8.73	8.21	5.56	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				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	97603.73	96338.80	100433.60	98125.38	2.14	ppb
Iron	57-2	96900.98	96026.95	99868.48	97598.80	2.06	ppb
Krypton	83-1						cps
Lead	206-1	5.68	5.79	5.68	5.72	1.11	ppb
Lead	207-1	5.38	4.85	5.06	5.09	5.24	ppb
Lead	208-1	5.45	5.23	5.30	5.33	2.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	100563.40	99539.76	105733.44	101945.53	3.26	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:58:22 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.80	8.41	8.72	8.64	2.36	ppb
Molybdenum	94-1	1241.47	1224.08	1233.75	1233.10	0.71	ppb
Molybdenum	95-1	1682.46	1694.96	1689.80	1689.08	0.37	ppb
Molybdenum	96-1	1629.28	1642.35	1633.83	1635.15	0.41	ppb
Molybdenum	97-1	1695.77	1696.66	1695.95	1696.13	0.03	ppb
Molybdenum	98-1	1685.12	1692.55	1695.18	1690.95	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.56	5.62	5.81	5.66	2.26	ppb
Phosphorus	31-2	101600.24	101364.66	106870.52	103278.47	3.01	ppb
Potassium	39-2	98109.07	96904.54	101792.21	98935.27	2.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-0.52	0.48	0.47	0.15	394.53	ppb
Selenium	82-1	-0.53	0.01	0.44	-0.03		ppb
Silicon	28-1	18.85	17.71	17.99	18.18	3.26	ppb
Silver	109-1	0.06	0.05	0.07	0.06	22.05	ppb
Silver	107-1	0.07	0.07	0.03	0.06	46.14	ppb
Sodium	23-2	100864.20	100257.26	106530.39	102550.61	3.37	ppb
Strontium	86-1	35.33	36.20	35.84	35.79	1.22	ppb
Strontium	88-1	36.08	36.05	35.22	35.78	1.37	ppb
Sulfur	34-1	127578.08	126668.75	128882.00	127709.61	0.87	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.13	0.14	0.13	10.89	ppb
Thallium	205-1	0.12	0.12	0.17	0.13	20.81	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	16.20	ppb
Tin	118-1	0.21	0.21	0.19	0.20	6.41	ppb
Titanium	47-1	1732.94	1684.06	1709.76	1708.92	1.43	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	62.87	ppb
Vanadium	51-2	0.20	0.16	0.23	0.20	17.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:58:22	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.39	11.42	11.38	11.39	0.20	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.13	ppb
Zirconium	91-1	0.01	0.02	0.05	0.03	61.64	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87493.52	85698.75	87230.65	86807.64	1.12	ppb
Antimony	121-1	24.66	21.69	21.66	22.67	7.58	ppb
Arsenic	75-1	24.59	21.62	21.46	22.56	7.84	ppb
Barium	135-1	26.04	22.11	22.43	23.53	9.29	ppb
Barium	137-1	27.61	22.21	22.09	23.97	13.16	ppb
Beryllium	9-1	24.11	21.58	21.16	22.28	7.16	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	84.44	80.36	76.39	80.40	5.00	ppb
Boron	11-1	88.81	79.59	78.35	82.25	6.95	ppb
Cadmium	111-1	22.96	21.08	20.83	21.62	5.40	ppb
Cadmium	106-1	32.59	29.37	31.05	31.00	5.19	ppb
Cadmium	108-1	46.15	35.27	36.95	39.45	14.84	ppb
Calcium	43-1	102388.45	89745.20	90111.05	94081.57	7.65	ppb
Calcium	44-1	104863.11	92259.88	92341.98	96488.33	7.52	ppb
Chromium	52-2	43.18	42.62	42.91	42.90	0.65	ppb
Cobalt	59-2	22.89	22.84	23.15	22.96	0.72	ppb
Copper	63-2	28.85	28.89	28.62	28.79	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	97019.15	94841.55	95689.66	95850.12	1.15	ppb
Iron	57-2	96162.59	94805.85	95076.87	95348.44	0.75	ppb
Krypton	83-1						cps
Lead	206-1	32.62	27.68	28.18	29.49	9.22	ppb
Lead	207-1	28.48	24.56	25.71	26.25	7.67	ppb
Lead	208-1	30.34	26.34	26.63	27.77	8.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	100390.14	99334.98	100319.26	100014.79	0.59	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.18	29.53	29.48	29.73	1.32	ppb
Molybdenum	94-1	1514.81	1328.94	1328.91	1390.89	7.72	ppb
Molybdenum	95-1	1951.21	1701.97	1701.72	1784.97	8.07	ppb
Molybdenum	96-1	1898.04	1645.64	1663.97	1735.88	8.11	ppb
Molybdenum	97-1	1941.25	1693.10	1720.07	1784.81	7.63	ppb
Molybdenum	98-1	1946.62	1695.50	1722.83	1788.32	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.03	24.10	24.11	24.08	0.18	ppb
Phosphorus	31-2	101223.80	99394.67	101107.02	100575.16	1.02	ppb
Potassium	39-2	96181.90	95911.01	96473.47	96188.79	0.29	ppb
Rhodium	103-1				90		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	23.17	22.37	18.37	21.30	12.06	ppb
Selenium	78-2	19.23	20.27	18.80	19.43	3.91	ppb
Selenium	82-1	23.53	19.40	19.13	20.69	11.92	ppb
Silicon	28-1	76.56	62.79	63.00	67.45	11.69	ppb
Silver	109-1	22.10	19.51	18.67	20.09	8.89	ppb
Silver	107-1	22.29	19.21	19.19	20.23	8.82	ppb
Sodium	23-2	101119.07	99954.60	101284.73	100786.13	0.72	ppb
Strontium	86-1	127.19	109.23	112.19	116.20	8.29	ppb
Strontium	88-1	127.11	109.02	110.03	115.39	8.81	ppb
Sulfur	34-1	143589.82	124544.54	124161.24	130765.20	8.49	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	23.91	21.01	21.18	22.03	7.38	ppb
Thallium	205-1	24.82	21.06	21.44	22.44	9.24	ppb
Thorium	232-1	0.18	0.18	0.19	0.18	2.45	ppb
Tin	118-1	76.01	64.60	63.34	67.98	10.27	ppb
Titanium	47-1	1981.03	1718.89	1725.13	1808.35	8.27	ppb
Uranium	238-1	72.51	64.20	64.09	66.94	7.22	ppb
Vanadium	51-2	21.36	21.01	21.57	21.31	1.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				105		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.58	28.22	29.44	29.41	4.02	ppb
Zirconium	90-1	72.94	63.76	63.54	66.75	8.04	ppb
Zirconium	91-1	75.72	66.92	66.85	69.83	7.31	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52722.51	52399.27	51129.35	52083.71	1.62	ppb
Antimony	121-1	509.74	541.82	486.09	512.55	5.46	ppb
Arsenic	75-1	543.61	567.70	513.56	541.62	5.01	ppb
Barium	135-1	2537.98	2722.84	2474.66	2578.49	5.00	ppb
Barium	137-1	2544.36	2715.78	2459.89	2573.34	5.07	ppb
Beryllium	9-1	514.01	533.17	501.75	516.31	3.07	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	514.67	534.00	505.03	517.90	2.85	ppb
Boron	11-1	516.48	548.00	513.89	526.12	3.61	ppb
Cadmium	111-1	526.61	552.69	494.88	524.72	5.52	ppb
Cadmium	106-1	527.71	553.59	492.84	524.71	5.81	ppb
Cadmium	108-1	517.75	551.23	505.43	524.80	4.52	ppb
Calcium	43-1	233932.58	251139.50	224787.03	236619.70	5.65	ppb
Calcium	44-1	232956.91	254129.57	224381.13	237155.87	6.46	ppb
Chromium	52-2	513.62	516.56	504.26	511.48	1.26	ppb
Cobalt	59-2	565.77	576.79	559.55	567.37	1.54	ppb
Copper	63-2	1044.27	1059.27	1031.63	1045.06	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				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	137346.84	138114.54	133860.49	136440.62	1.66	ppb
Iron	57-2	136863.29	137914.63	133099.90	135959.28	1.86	ppb
Krypton	83-1						cps
Lead	206-1	528.97	556.13	502.14	529.08	5.10	ppb
Lead	207-1	529.41	559.50	505.48	531.46	5.09	ppb
Lead	208-1	523.35	557.36	501.18	527.30	5.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	248414.65	246738.36	241539.82	245564.28	1.46	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.47	1029.79	1013.57	1022.94	0.82	ppb
Molybdenum	94-1	2558.72	2748.80	2453.39	2586.97	5.79	ppb
Molybdenum	95-1	2536.91	2713.97	2432.58	2561.15	5.55	ppb
Molybdenum	96-1	2533.00	2713.04	2435.59	2560.54	5.50	ppb
Molybdenum	97-1	2538.97	2720.55	2445.93	2568.48	5.44	ppb
Molybdenum	98-1	2544.81	2701.31	2440.17	2562.10	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.47	557.73	539.39	548.20	1.68	ppb
Phosphorus	31-2	10132.49	10321.19	10102.45	10185.37	1.16	ppb
Potassium	39-2	124344.66	122929.70	120340.49	122538.29	1.66	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	503.29	491.81	496.00	497.03	1.17	ppb
Selenium	78-2	525.28	517.07	510.42	517.59	1.44	ppb
Selenium	82-1	515.54	540.11	481.41	512.35	5.75	ppb
Silicon	28-1	507.52	566.07	517.15	530.25	5.92	ppb
Silver	109-1	521.40	553.21	490.29	521.63	6.03	ppb
Silver	107-1	513.00	550.21	495.74	519.65	5.36	ppb
Sodium	23-2	247080.32	247961.12	240388.78	245143.41	1.69	ppb
Strontium	86-1	525.29	549.98	495.99	523.75	5.16	ppb
Strontium	88-1	514.16	543.36	496.27	517.93	4.59	ppb
Sulfur	34-1	10516.70	11665.24	9390.73	10524.22	10.81	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	526.71	552.93	488.97	522.87	6.15	ppb
Thallium	205-1	524.52	552.91	498.81	525.41	5.15	ppb
Thorium	232-1	532.46	562.14	511.36	535.32	4.77	ppb
Tin	118-1	509.16	543.01	488.91	513.69	5.32	ppb
Titanium	47-1	2496.45	2663.89	2388.59	2516.31	5.51	ppb
Uranium	238-1	526.32	554.46	503.61	528.13	4.82	ppb
Vanadium	51-2	515.74	521.02	507.70	514.82	1.30	ppb
Yttrium	89-1				98		%
Yttrium	89-2				106		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1039.38	1055.28	1019.45	1038.04	1.73	ppb
Zirconium	90-1	513.00	546.13	490.71	516.61	5.40	ppb
Zirconium	91-1	521.75	557.81	496.19	525.25	5.89	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.29	17.04	20.50	17.95	12.52	ppb
Antimony	121-1	2.18	1.99	2.14	2.11	4.73	ppb
Arsenic	75-1	1.02	1.01	0.83	0.95	11.09	ppb
Barium	135-1	9.78	9.95	10.35	10.03	2.92	ppb
Barium	137-1	10.66	10.51	10.19	10.45	2.29	ppb
Beryllium	9-1	1.06	1.08	1.05	1.06	1.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	42.62	37.63	35.25	38.50	9.77	ppb
Boron	11-1	46.43	38.34	38.63	41.13	11.16	ppb
Cadmium	111-1	1.05	1.11	1.07	1.07	3.11	ppb
Cadmium	106-1	2.62	3.60	2.92	3.05	16.43	ppb
Cadmium	108-1	0.94	1.30	0.71	0.99	30.34	ppb
Calcium	43-1	671.47	429.53	437.65	512.88	26.79	ppb
Calcium	44-1	653.49	462.17	452.35	522.67	21.70	ppb
Chromium	52-2	2.05	2.03	2.11	2.06	1.88	ppb
Cobalt	59-2	1.05	1.14	0.99	1.06	7.08	ppb
Copper	63-2	2.05	2.09	1.89	2.01	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	49.18	49.53	48.62	49.11	0.94	ppb
Iron	57-2	50.71	56.55	56.68	54.64	6.23	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.16	1.13	1.25	14.07	ppb
Lead	207-1	1.47	1.07	1.21	1.25	16.19	ppb
Lead	208-1	1.45	1.10	1.14	1.23	15.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	512.33	506.51	510.63	509.82	0.59	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	1.05	1.11	1.09	3.01	ppb
Molybdenum	94-1	4.26	4.86	4.25	4.46	7.85	ppb
Molybdenum	95-1	4.49	4.18	4.28	4.32	3.61	ppb
Molybdenum	96-1	4.45	4.37	4.35	4.39	1.22	ppb
Molybdenum	97-1	4.24	4.52	4.64	4.47	4.64	ppb
Molybdenum	98-1	4.29	4.12	4.28	4.23	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.15	1.02	1.10	6.80	ppb
Phosphorus	31-2	37.04	21.99	29.12	29.38	25.63	ppb
Potassium	39-2	498.56	512.95	498.21	503.24	1.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	5.37	4.55	4.52	4.81	10.07	ppb
Selenium	78-2	6.76	5.21	7.22	6.39	16.46	ppb
Selenium	82-1	5.49	4.46	5.02	4.99	10.34	ppb
Silicon	28-1	38.68	10.46	6.74	18.62	93.79	ppb
Silver	109-1	1.18	1.12	1.04	1.11	6.43	ppb
Silver	107-1	1.14	1.12	1.05	1.11	4.18	ppb
Sodium	23-2	536.27	540.11	543.67	540.02	0.69	ppb
Strontium	86-1	1.10	1.04	1.00	1.05	4.98	ppb
Strontium	88-1	1.09	0.94	1.00	1.01	7.65	ppb
Sulfur	34-1	1820.05	-260.83	-289.51	423.24	285.83	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.97	0.90	0.95	4.91	ppb
Thallium	205-1	0.98	1.03	0.91	0.97	5.96	ppb
Thorium	232-1	0.96	0.92	0.88	0.92	4.51	ppb
Tin	118-1	5.36	5.03	5.53	5.31	4.82	ppb
Titanium	47-1	4.25	4.36	4.37	4.32	1.53	ppb
Uranium	238-1	0.90	0.91	0.81	0.87	6.16	ppb
Vanadium	51-2	5.26	5.51	5.56	5.44	2.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				110		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.17	2.12	2.16	2.15	1.40	ppb
Zirconium	90-1	1.04	0.96	0.93	0.98	5.85	ppb
Zirconium	91-1	0.90	0.98	0.93	0.94	4.69	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P7
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:22:20 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.42	-0.64	-0.09		ppb
Antimony	121-1	0.02	0.10	0.04	0.06	73.09	ppb
Arsenic	75-1	-0.01	0.06	0.01	0.02	180.36	ppb
Barium	135-1	-0.03	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.01	0.02	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	10.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	8.83	7.76	7.59	8.06	8.31	ppb
Boron	11-1	8.49	8.57	8.03	8.37	3.46	ppb
Cadmium	111-1	0.01	-0.04	-0.06	-0.03		ppb
Cadmium	106-1	0.15	-0.76	-0.96	-0.52		ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	2.77	ppb
Calcium	43-1	0.07	2.39	-1.30	0.39	478.08	ppb
Calcium	44-1	4.31	5.01	4.24	4.52	9.50	ppb
Chromium	52-2	-0.03	0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.01	0.01	0.01	0.01	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	-0.05	-0.04	0.13	0.02	633.88	ppb
Iron	57-2	-1.20	0.18	1.39	0.12	1038.84	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.14	0.14	2.49	ppb
Lead	207-1	0.10	0.17	0.09	0.12	35.51	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.05	-0.36	-0.21	-0.21		ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:22:20	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.06	0.06	0.04	0.05	19.14	ppb
Molybdenum	95-1	0.01	0.03	0.07	0.04	78.06	ppb
Molybdenum	96-1	0.06	0.06	0.01	0.04	69.50	ppb
Molybdenum	97-1	0.04	0.05	0.02	0.03	48.31	ppb
Molybdenum	98-1	0.05	0.02	0.02	0.03	59.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.02	0.00		ppb
Phosphorus	31-2	-48.17	-28.91	-18.34	-31.81		ppb
Potassium	39-2	12.92	9.11	10.38	10.80	17.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	0.51	-0.30	-0.30	-0.03		ppb
Selenium	78-2	0.80	0.69	0.29	0.60	44.91	ppb
Selenium	82-1	0.05	-0.31	-0.06	-0.11		ppb
Silicon	28-1	-0.84	-0.90	-0.91	-0.88		ppb
Silver	109-1	0.03	0.00	0.01	0.01	87.44	ppb
Silver	107-1	0.01	0.02	0.01	0.01	52.49	ppb
Sodium	23-2	31.08	30.13	29.39	30.20	2.81	ppb
Strontium	86-1	0.01	-0.05	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-794.17	-962.91	-902.00	-886.36		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.02	0.01	99.10	ppb
Thallium	205-1	0.04	0.01	0.03	0.02	52.92	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	13.13	ppb
Tin	118-1	0.01	0.03	0.01	0.02	56.44	ppb
Titanium	47-1	-0.04	-0.02	-0.05	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:22:20	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.18	-0.15	-0.14		ppb
Zirconium	90-1	0.01	0.01	-0.01	0.01	176.59	ppb
Zirconium	91-1	0.04	0.04	-0.01	0.02	114.85	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:25:56 DataFile Name : 022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.56	20.60	22.81	21.66	5.11	ppb
Antimony	121-1	2.04	2.00	1.99	2.01	1.30	ppb
Arsenic	75-1	0.86	1.00	1.11	0.99	12.73	ppb
Barium	135-1	10.04	10.76	10.78	10.53	3.99	ppb
Barium	137-1	10.67	10.24	9.85	10.25	4.01	ppb
Beryllium	9-1	1.07	1.06	1.05	1.06	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	30.61	31.45	27.43	29.83	7.10	ppb
Boron	11-1	29.28	30.52	29.15	29.65	2.56	ppb
Cadmium	111-1	1.11	1.22	0.86	1.06	17.02	ppb
Cadmium	106-1	2.87	2.64	-0.43	1.69	108.58	ppb
Cadmium	108-1	0.78	1.01	1.15	0.98	18.94	ppb
Calcium	43-1	453.05	439.59	451.29	447.98	1.63	ppb
Calcium	44-1	457.70	446.92	444.78	449.80	1.54	ppb
Chromium	52-2	1.99	2.03	2.00	2.01	0.90	ppb
Cobalt	59-2	1.00	1.03	1.08	1.04	4.08	ppb
Copper	63-2	1.95	2.00	2.04	1.99	2.33	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				103		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	49.00	48.95	49.60	49.18	0.74	ppb
Iron	57-2	53.97	53.85	59.14	55.65	5.42	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.02	1.13	1.08	5.28	ppb
Lead	207-1	1.09	0.98	0.92	0.99	8.39	ppb
Lead	208-1	1.05	0.99	1.01	1.02	2.67	ppb
Lithium	6-1				104		%
Magnesium	24-2	518.46	522.40	514.37	518.41	0.77	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:25:56	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.05	1.09	1.06	1.99	ppb
Molybdenum	94-1	4.61	4.71	4.36	4.56	3.96	ppb
Molybdenum	95-1	4.32	4.30	4.09	4.24	3.11	ppb
Molybdenum	96-1	4.13	4.30	4.48	4.30	4.13	ppb
Molybdenum	97-1	4.64	4.40	4.50	4.51	2.60	ppb
Molybdenum	98-1	4.14	4.32	4.21	4.23	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.21	1.11	1.10	10.96	ppb
Phosphorus	31-2	8.90	32.75	21.58	21.08	56.62	ppb
Potassium	39-2	488.57	492.65	495.90	492.37	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	6.91	1.30	5.27	4.50	64.21	ppb
Selenium	78-2	6.65	5.39	4.14	5.39	23.24	ppb
Selenium	82-1	4.86	4.79	4.64	4.76	2.35	ppb
Silicon	28-1	5.28	5.38	5.73	5.46	4.35	ppb
Silver	109-1	1.12	1.06	1.03	1.07	4.35	ppb
Silver	107-1	1.07	1.02	1.07	1.05	2.82	ppb
Sodium	23-2	514.94	530.93	519.10	521.66	1.59	ppb
Strontium	86-1	1.00	0.95	1.08	1.01	6.64	ppb
Strontium	88-1	0.98	0.99	0.98	0.98	0.36	ppb
Sulfur	34-1	-1131.95	-1014.72	-1135.07	-1093.91		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.08	0.95	0.87	0.97	11.13	ppb
Thallium	205-1	0.93	0.93	0.98	0.95	3.04	ppb
Thorium	232-1	0.87	0.95	0.85	0.89	5.65	ppb
Tin	118-1	5.37	5.44	5.43	5.41	0.64	ppb
Titanium	47-1	4.40	4.43	4.20	4.34	2.98	ppb
Uranium	238-1	0.92	0.85	0.92	0.90	4.89	ppb
Vanadium	51-2	5.30	5.43	5.20	5.31	2.15	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:25:56	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.78	3.66	4.22	3.89	7.59	ppb
Zirconium	90-1	0.97	0.96	0.96	0.97	0.57	ppb
Zirconium	91-1	1.04	0.93	0.83	0.94	11.30	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : PB121163BL Instrumnet Name : P7
 Client Sample ID : PB121163BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:29:33 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.64	0.91	-0.26	0.00	44818.70	ppb
Antimony	121-1	0.02	0.01	0.00	0.01	80.80	ppb
Arsenic	75-1	0.01	0.00	0.00	0.00	62.83	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.02	0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	3.74	4.79	4.37	4.30	12.38	ppb
Boron	11-1	4.47	4.54	4.34	4.45	2.34	ppb
Cadmium	111-1	0.00	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.06	0.03	-0.46	-0.16		ppb
Cadmium	108-1	-0.10	-0.10	0.05	-0.05		ppb
Calcium	43-1	-2.15	-0.24	-0.19	-0.86		ppb
Calcium	44-1	1.83	2.58	4.04	2.82	39.84	ppb
Chromium	52-2	-0.02	0.03	0.04	0.02	174.38	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.00	0.01	0.04	0.02	133.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	0.18	-0.01	0.07	0.08	122.81	ppb
Iron	57-2	2.07	-0.12	1.89	1.28	95.24	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.07	0.04	0.08	60.32	ppb
Lead	207-1	0.07	0.04	0.11	0.07	47.72	ppb
Lead	208-1	0.07	0.07	0.08	0.07	5.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.00	0.01	-0.20	-0.06		ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : PB121163BL Instrumnet Name : P7
 Client Sample ID : PB121163BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:29:33 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.04	0.01	0.02	70.56	ppb
Molybdenum	95-1	0.00	0.02	-0.01	0.01	228.07	ppb
Molybdenum	96-1	0.02	-0.01	0.03	0.01	127.14	ppb
Molybdenum	97-1	0.00	0.04	0.01	0.02	112.51	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	52.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-39.92	-37.25	-50.05	-42.41		ppb
Potassium	39-2	3.28	8.53	11.71	7.84	54.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	0.51	-0.30	-0.30	-0.03		ppb
Selenium	78-2	1.61	1.27	0.32	1.07	62.59	ppb
Selenium	82-1	0.07	-0.26	-0.16	-0.12		ppb
Silicon	28-1	0.38	-0.04	-0.14	0.07	411.37	ppb
Silver	109-1	0.00	0.01	0.00	0.00	165.32	ppb
Silver	107-1	0.00	0.01	0.01	0.01	149.47	ppb
Sodium	23-2	22.09	22.08	21.55	21.91	1.41	ppb
Strontium	86-1	0.04	0.04	0.05	0.04	9.39	ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-717.53	-753.88	-717.62	-729.67		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.00	0.01	160.97	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	46.93	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	27.95	ppb
Tin	118-1	0.01	0.03	0.04	0.02	72.80	ppb
Titanium	47-1	-0.01	0.00	-0.02	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BL	Instrumnet Name :	P7
Client Sample ID :	PB121163BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:29:33	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.17	-0.21	-0.03	-0.14		ppb
Zirconium	90-1	0.01	-0.01	0.01	0.00	495.88	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	315.88	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9821.72	9684.80	9704.56	9737.03	0.76	ppb
Antimony	121-1	533.73	531.87	535.50	533.70	0.34	ppb
Arsenic	75-1	538.90	529.42	528.97	532.43	1.05	ppb
Barium	135-1	2641.59	2647.98	2670.36	2653.31	0.57	ppb
Barium	137-1	2647.27	2666.19	2676.45	2663.30	0.56	ppb
Beryllium	9-1	531.23	533.17	530.72	531.71	0.24	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	503.27	506.42	515.57	508.42	1.26	ppb
Boron	11-1	509.74	518.16	519.23	515.71	1.01	ppb
Cadmium	111-1	515.90	510.82	514.21	513.64	0.50	ppb
Cadmium	106-1	513.48	513.96	514.80	514.08	0.13	ppb
Cadmium	108-1	519.50	506.02	512.66	512.73	1.31	ppb
Calcium	43-1	48535.49	49544.55	48697.17	48925.74	1.11	ppb
Calcium	44-1	48410.17	48641.47	48578.38	48543.34	0.25	ppb
Chromium	52-2	531.09	533.44	530.86	531.79	0.27	ppb
Cobalt	59-2	545.98	535.65	543.92	541.85	1.01	ppb
Copper	63-2	1014.36	1014.09	1011.99	1013.48	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	24636.29	24290.36	24185.52	24370.72	0.97	ppb
Iron	57-2	25158.13	24914.76	24893.17	24988.68	0.59	ppb
Krypton	83-1						cps
Lead	206-1	528.95	524.08	517.65	523.56	1.08	ppb
Lead	207-1	533.87	524.24	525.50	527.87	0.99	ppb
Lead	208-1	528.26	525.68	521.65	525.20	0.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	51681.05	51261.06	51067.86	51336.66	0.61	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1075.27	1062.64	1066.96	1068.29	0.60	ppb
Molybdenum	94-1	2630.75	2645.48	2637.62	2637.95	0.28	ppb
Molybdenum	95-1	2634.98	2682.63	2664.94	2660.85	0.91	ppb
Molybdenum	96-1	2642.12	2634.23	2636.41	2637.59	0.15	ppb
Molybdenum	97-1	2641.04	2641.52	2653.44	2645.33	0.27	ppb
Molybdenum	98-1	2642.44	2636.09	2647.24	2641.93	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.94	520.51	523.34	522.60	0.35	ppb
Phosphorus	31-2	10724.09	10441.98	10613.53	10593.20	1.34	ppb
Potassium	39-2	24785.17	24235.38	24083.05	24367.87	1.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	482.37	530.89	522.24	511.83	5.06	ppb
Selenium	78-2	533.63	539.20	566.33	546.38	3.20	ppb
Selenium	82-1	528.28	535.00	527.35	530.21	0.79	ppb
Silicon	28-1	503.49	523.03	525.01	517.18	2.30	ppb
Silver	109-1	517.29	509.23	516.45	514.32	0.86	ppb
Silver	107-1	518.30	510.54	523.41	517.42	1.25	ppb
Sodium	23-2	51460.73	50506.19	50243.92	50736.94	1.26	ppb
Strontium	86-1	533.98	533.34	529.02	532.11	0.51	ppb
Strontium	88-1	526.71	527.07	532.06	528.61	0.57	ppb
Sulfur	34-1	11562.04	10992.43	11018.73	11191.07	2.87	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	522.96	521.76	510.72	518.48	1.30	ppb
Thallium	205-1	525.70	522.40	518.14	522.08	0.73	ppb
Thorium	232-1	514.57	513.94	518.30	515.60	0.46	ppb
Tin	118-1	539.30	531.78	532.46	534.51	0.78	ppb
Titanium	47-1	2575.32	2694.21	2683.28	2650.94	2.48	ppb
Uranium	238-1	510.23	513.36	509.29	510.96	0.42	ppb
Vanadium	51-2	534.65	528.87	528.36	530.62	0.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				107		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	988.61	980.75	971.04	980.13	0.90	ppb
Zirconium	90-1	520.55	525.28	531.30	525.71	1.02	ppb
Zirconium	91-1	527.15	528.56	524.23	526.65	0.42	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.40	34.68	33.87	36.32	9.80	ppb
Antimony	121-1	0.86	0.92	0.89	0.89	3.06	ppb
Arsenic	75-1	0.20	0.16	0.19	0.18	11.99	ppb
Barium	135-1	27.41	24.16	25.54	25.70	6.35	ppb
Barium	137-1	25.75	25.62	24.22	25.19	3.38	ppb
Beryllium	9-1	0.29	0.30	0.31	0.30	4.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	34.07	31.65	29.99	31.90	6.42	ppb
Boron	11-1	33.64	32.58	31.93	32.72	2.64	ppb
Cadmium	111-1	0.30	0.06	-0.01	0.12	141.38	ppb
Cadmium	106-1	2.76	-0.31	-0.88	0.53	373.07	ppb
Cadmium	108-1	-0.10	-0.10	-0.02	-0.07		ppb
Calcium	43-1	15147.00	14653.53	14441.26	14747.26	2.46	ppb
Calcium	44-1	14955.52	14469.37	14243.37	14556.08	2.50	ppb
Chromium	52-2	10.49	10.40	10.09	10.33	2.02	ppb
Cobalt	59-2	0.38	0.34	0.39	0.37	6.14	ppb
Copper	63-2	286.93	282.95	278.01	282.63	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	3607.24	3470.53	3431.33	3503.03	2.64	ppb
Iron	57-2	3710.93	3634.48	3523.40	3622.94	2.60	ppb
Krypton	83-1						cps
Lead	206-1	143.83	136.35	137.18	139.12	2.95	ppb
Lead	207-1	132.72	123.38	124.43	126.85	4.03	ppb
Lead	208-1	137.79	128.36	128.99	131.71	4.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	5962.54	5738.31	5646.94	5782.60	2.81	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.55	19.09	18.80	19.15	1.97	ppb
Molybdenum	94-1	0.48	0.54	0.52	0.51	5.80	ppb
Molybdenum	95-1	0.56	0.53	0.56	0.55	3.11	ppb
Molybdenum	96-1	0.71	0.54	0.44	0.56	23.56	ppb
Molybdenum	97-1	0.65	0.50	0.43	0.53	21.60	ppb
Molybdenum	98-1	0.62	0.49	0.44	0.52	18.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.21	25.56	25.37	25.72	1.72	ppb
Phosphorus	31-2	236.32	241.81	239.09	239.07	1.15	ppb
Potassium	39-2	1342.48	1321.84	1309.14	1324.49	1.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	1.43	0.54	3.80	1.92	87.79	ppb
Selenium	78-2	1.82	-0.47	0.59	0.65	176.82	ppb
Selenium	82-1	-0.31	-0.05	0.17	-0.06		ppb
Silicon	28-1	5831.79	5630.35	5559.42	5673.85	2.49	ppb
Silver	109-1	0.24	0.23	0.23	0.23	3.58	ppb
Silver	107-1	0.25	0.25	0.21	0.24	9.03	ppb
Sodium	23-2	11232.53	10918.34	10683.57	10944.81	2.52	ppb
Strontium	86-1	126.32	120.31	120.95	122.53	2.69	ppb
Strontium	88-1	124.28	119.01	118.55	120.61	2.64	ppb
Sulfur	34-1	3621.19	3132.23	2962.68	3238.70	10.56	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.10	0.03	0.07	51.03	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	13.71	ppb
Thorium	232-1	0.13	0.14	0.12	0.13	8.35	ppb
Tin	118-1	53.12	50.78	50.45	51.45	2.83	ppb
Titanium	47-1	1.31	1.23	0.99	1.18	14.32	ppb
Uranium	238-1	0.04	0.05	0.02	0.04	38.21	ppb
Vanadium	51-2	0.53	0.47	0.48	0.49	7.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	54.15	51.34	52.83	52.77	2.66	ppb
Zirconium	90-1	0.07	0.06	0.06	0.07	9.72	ppb
Zirconium	91-1	0.08	0.07	0.05	0.07	23.07	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01 Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:40:22 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.27	27.76	25.92	28.32	9.60	ppb
Antimony	121-1	0.09	0.07	0.14	0.10	33.68	ppb
Arsenic	75-1	0.07	0.11	0.03	0.07	58.40	ppb
Barium	135-1	11.46	10.86	11.18	11.17	2.69	ppb
Barium	137-1	11.97	11.23	11.08	11.43	4.18	ppb
Beryllium	9-1	0.03	0.05	0.05	0.05	25.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	18.56	16.00	17.02	17.19	7.47	ppb
Boron	11-1	19.59	19.06	18.41	19.02	3.10	ppb
Cadmium	111-1	0.00	-0.05	0.08	0.01	627.03	ppb
Cadmium	106-1	-0.22	-0.91	1.13	0.00		ppb
Cadmium	108-1	0.20	0.05	0.28	0.18	66.71	ppb
Calcium	43-1	174.35	185.36	181.39	180.37	3.09	ppb
Calcium	44-1	188.32	189.81	187.60	188.58	0.60	ppb
Chromium	52-2	0.30	0.26	0.29	0.29	7.85	ppb
Cobalt	59-2	0.58	0.52	0.59	0.57	6.51	ppb
Copper	63-2	19.69	19.54	19.87	19.70	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	24.66	32.96	29.69	29.10	14.37	ppb
Iron	57-2	33.52	28.73	24.74	29.00	15.17	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.43	0.44	0.42	6.77	ppb
Lead	207-1	0.43	0.37	0.45	0.42	9.78	ppb
Lead	208-1	0.38	0.36	0.43	0.39	8.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	366.81	356.49	351.21	358.17	2.21	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:40:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.23	3.36	3.17	3.25	2.87	ppb
Molybdenum	94-1	0.20	0.13	0.12	0.15	28.76	ppb
Molybdenum	95-1	0.07	0.08	0.03	0.06	44.28	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.08	19.64	ppb
Molybdenum	97-1	0.08	0.11	0.13	0.11	22.12	ppb
Molybdenum	98-1	0.06	0.10	0.08	0.08	27.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	2.24	2.23	2.30	5.06	ppb
Phosphorus	31-2	-25.38	-11.51	-35.53	-24.14		ppb
Potassium	39-2	304.91	297.32	298.78	300.33	1.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	0.56	-0.30	1.39	0.55	153.38	ppb
Selenium	78-2	-1.71	0.28	0.56	-0.29		ppb
Selenium	82-1	-0.66	-0.86	0.38	-0.38		ppb
Silicon	28-1	1597.54	1607.87	1606.96	1604.12	0.36	ppb
Silver	109-1	0.01	0.02	0.02	0.01	49.88	ppb
Silver	107-1	0.02	0.00	0.01	0.01	129.84	ppb
Sodium	23-2	2439.73	2380.98	2402.89	2407.87	1.23	ppb
Strontium	86-1	3.36	3.43	3.47	3.42	1.65	ppb
Strontium	88-1	3.39	3.46	3.37	3.41	1.36	ppb
Sulfur	34-1	-2323.58	-2387.90	-2589.53	-2433.67		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.01	0.02	0.02	45.43	ppb
Thallium	205-1	0.01	0.03	0.03	0.02	45.91	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	6.10	ppb
Tin	118-1	0.11	0.11	0.10	0.11	5.69	ppb
Titanium	47-1	0.46	0.38	0.40	0.41	10.25	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	130.13	ppb
Vanadium	51-2	0.01	0.04	0.04	0.03	50.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:40:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.55	19.26	20.16	19.99	3.32	ppb
Zirconium	90-1	0.09	0.07	0.05	0.07	24.68	ppb
Zirconium	91-1	0.07	0.01	0.09	0.06	69.69	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.22	31.22	42.58	38.00	15.78	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	12.98	ppb
Arsenic	75-1	0.05	0.03	0.11	0.06	65.12	ppb
Barium	135-1	11.54	10.94	11.44	11.30	2.85	ppb
Barium	137-1	10.91	10.65	11.02	10.86	1.73	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	18.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	12.69	13.75	14.85	13.76	7.85	ppb
Boron	11-1	14.54	15.06	14.65	14.75	1.89	ppb
Cadmium	111-1	-0.01	-0.13	-0.10	-0.08		ppb
Cadmium	106-1	-0.56	-2.08	-1.57	-1.40		ppb
Cadmium	108-1	-0.02	-0.10	-0.02	-0.05		ppb
Calcium	43-1	179.80	191.67	183.41	184.96	3.29	ppb
Calcium	44-1	194.34	186.29	198.80	193.15	3.28	ppb
Chromium	52-2	0.24	0.24	0.31	0.26	14.29	ppb
Cobalt	59-2	0.56	0.56	0.58	0.57	1.87	ppb
Copper	63-2	19.37	19.30	19.33	19.33	0.19	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				101		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	26.79	26.09	23.76	25.55	6.22	ppb
Iron	57-2	26.77	21.43	29.28	25.83	15.52	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.48	0.48	0.47	5.18	ppb
Lead	207-1	0.40	0.33	0.39	0.37	10.99	ppb
Lead	208-1	0.43	0.36	0.41	0.40	8.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	353.59	346.21	347.88	349.23	1.11	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.37	3.34	3.36	3.36	0.58	ppb
Molybdenum	94-1	0.13	0.09	0.17	0.13	30.70	ppb
Molybdenum	95-1	0.03	0.01	0.04	0.03	47.52	ppb
Molybdenum	96-1	0.06	0.06	0.02	0.05	42.40	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	46.44	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	24.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.23	2.23	2.21	1.26	ppb
Phosphorus	31-2	-29.56	-21.17	-26.75	-25.83		ppb
Potassium	39-2	288.92	290.40	291.66	290.32	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	-0.30	-0.30	0.51	-0.03		ppb
Selenium	78-2	1.31	1.19	-0.14	0.79	101.81	ppb
Selenium	82-1	0.26	0.21	-0.48	0.00		ppb
Silicon	28-1	1572.39	1584.55	1581.60	1579.51	0.40	ppb
Silver	109-1	0.02	0.01	0.01	0.01	11.19	ppb
Silver	107-1	0.03	0.00	0.01	0.01	103.36	ppb
Sodium	23-2	2360.99	2360.90	2308.87	2343.58	1.28	ppb
Strontium	86-1	3.43	3.48	3.47	3.46	0.70	ppb
Strontium	88-1	3.44	3.47	3.50	3.47	0.93	ppb
Sulfur	34-1	-3226.98	-3332.91	-3266.68	-3275.52		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	0.00	0.01	119.12	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.43	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	14.82	ppb
Tin	118-1	0.05	0.11	0.11	0.09	35.76	ppb
Titanium	47-1	0.39	0.28	0.31	0.33	17.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.73	ppb
Vanadium	51-2	0.03	0.05	0.02	0.03	35.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				108		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.59	19.28	19.18	19.35	1.10	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	16.49	ppb
Zirconium	91-1	0.02	0.11	0.06	0.06	74.17	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.14	8.20	14.04	10.79	27.56	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	27.33	ppb
Arsenic	75-1	0.04	-0.03	-0.02	-0.01		ppb
Barium	135-1	1.91	2.41	1.96	2.10	13.13	ppb
Barium	137-1	2.29	2.41	2.28	2.33	3.12	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	19.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	6.75	7.89	7.06	7.23	8.15	ppb
Boron	11-1	8.42	7.61	7.72	7.92	5.60	ppb
Cadmium	111-1	-0.09	-0.01	0.05	-0.02		ppb
Cadmium	106-1	-1.42	-0.40	0.25	-0.52		ppb
Cadmium	108-1	-0.10	-0.02	-0.02	-0.05		ppb
Calcium	43-1	41.19	39.84	34.34	38.46	9.44	ppb
Calcium	44-1	43.31	39.50	43.17	42.00	5.15	ppb
Chromium	52-2	0.10	0.07	0.05	0.07	31.39	ppb
Cobalt	59-2	0.08	0.09	0.07	0.08	10.85	ppb
Copper	63-2	3.76	3.87	4.02	3.89	3.30	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				99		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	6.78	5.48	5.31	5.85	13.72	ppb
Iron	57-2	6.49	6.58	9.51	7.53	22.81	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.07	0.09	30.04	ppb
Lead	207-1	0.08	0.06	0.06	0.06	16.37	ppb
Lead	208-1	0.06	0.05	0.06	0.06	6.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	68.15	71.63	66.78	68.85	3.63	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.59	0.68	0.59	0.62	8.40	ppb
Molybdenum	94-1	0.02	0.04	-0.01	0.02	125.36	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	87.83	ppb
Molybdenum	96-1	0.04	0.01	0.01	0.02	93.19	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	146.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.45	0.46	0.45	1.84	ppb
Phosphorus	31-2	-34.91	-39.00	-32.76	-35.56		ppb
Potassium	39-2	59.85	53.20	61.16	58.07	7.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	1.61	0.26	1.35	1.07	67.06	ppb
Selenium	82-1	-0.80	0.30	-0.04	-0.18		ppb
Silicon	28-1	316.86	305.40	304.28	308.85	2.25	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	464.08	478.56	469.55	470.73	1.55	ppb
Strontium	86-1	0.62	0.80	0.53	0.65	20.99	ppb
Strontium	88-1	0.73	0.67	0.66	0.69	5.20	ppb
Sulfur	34-1	-2807.85	-2949.17	-2896.29	-2884.44		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.88	ppb
Tin	118-1	0.02	0.02	0.03	0.02	31.40	ppb
Titanium	47-1	0.10	-0.02	0.16	0.08	112.98	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	81.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				110		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.54	4.01	4.04	3.86	7.20	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	35.52	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	190.53	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01MS Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:51:12 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1862.99	1813.54	1861.10	1845.88	1.52	ppb
Antimony	121-1	851.31	846.00	839.23	845.51	0.72	ppb
Arsenic	75-1	632.13	634.79	619.16	628.69	1.33	ppb
Barium	135-1	220.29	215.54	212.92	216.25	1.73	ppb
Barium	137-1	223.23	214.24	218.92	218.80	2.06	ppb
Beryllium	9-1	202.69	204.21	205.67	204.19	0.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	292.58	293.29	299.53	295.13	1.30	ppb
Boron	11-1	296.43	307.78	306.72	303.64	2.06	ppb
Cadmium	111-1	203.22	202.01	197.43	200.89	1.52	ppb
Cadmium	106-1	170.51	160.05	152.64	161.07	5.57	ppb
Cadmium	108-1	174.89	170.70	168.58	171.39	1.87	ppb
Calcium	43-1	1280.39	1247.02	1226.32	1251.25	2.18	ppb
Calcium	44-1	1225.12	1202.63	1180.97	1202.91	1.84	ppb
Chromium	52-2	424.71	423.72	422.10	423.51	0.31	ppb
Cobalt	59-2	220.47	219.25	218.81	219.51	0.39	ppb
Copper	63-2	340.61	337.21	338.95	338.92	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				104		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	2944.14	2921.90	2936.65	2934.23	0.39	ppb
Iron	57-2	3018.14	3030.15	3041.50	3029.93	0.39	ppb
Krypton	83-1						cps
Lead	206-1	1033.49	1028.73	1035.69	1032.63	0.34	ppb
Lead	207-1	1010.67	993.60	988.38	997.55	1.17	ppb
Lead	208-1	1022.37	1009.38	1011.73	1014.49	0.68	ppb
Lithium	6-1				108		%
Magnesium	24-2	2416.53	2413.11	2426.18	2418.61	0.28	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MS	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:51:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	214.43	213.99	214.99	214.47	0.23	ppb
Molybdenum	94-1	255.01	257.53	253.63	255.39	0.78	ppb
Molybdenum	95-1	345.26	339.28	339.78	341.44	0.97	ppb
Molybdenum	96-1	334.93	331.68	326.04	330.88	1.36	ppb
Molybdenum	97-1	355.23	351.53	351.16	352.64	0.64	ppb
Molybdenum	98-1	339.19	340.86	337.60	339.21	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.14	471.68	473.20	472.67	0.18	ppb
Phosphorus	31-2	5967.32	5861.88	6050.18	5959.79	1.58	ppb
Potassium	39-2	10064.93	9904.52	10009.84	9993.10	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	2021.36	2042.49	1982.53	2015.46	1.51	ppb
Selenium	78-2	2112.60	2072.13	2026.56	2070.43	2.08	ppb
Selenium	82-1	2052.68	2058.67	2027.30	2046.21	0.81	ppb
Silicon	28-1	2415.07	2364.83	2321.05	2366.98	1.99	ppb
Silver	109-1	80.02	79.54	77.56	79.04	1.65	ppb
Silver	107-1	80.25	78.57	78.14	78.98	1.41	ppb
Sodium	23-2	5413.59	5399.31	5396.65	5403.19	0.17	ppb
Strontium	86-1	209.75	209.37	206.21	208.44	0.93	ppb
Strontium	88-1	209.41	207.80	207.47	208.22	0.50	ppb
Sulfur	34-1	-3083.17	-3174.75	-3377.17	-3211.69		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	2013.71	2012.34	2016.49	2014.18	0.10	ppb
Thallium	205-1	2008.04	2023.99	2017.05	2016.36	0.40	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	9.79	ppb
Tin	118-1	762.56	759.86	728.72	750.38	2.51	ppb
Titanium	47-1	180.25	176.85	176.57	177.89	1.15	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	310.06	309.28	311.74	310.36	0.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MS	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:51:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	217.91	213.20	214.21	215.11	1.15	ppb
Zirconium	90-1	0.22	0.47	0.22	0.31	47.59	ppb
Zirconium	91-1	0.38	0.51	0.43	0.44	14.95	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MSD	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:54:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1615.99	1789.21	1858.70	1754.63	7.12	ppb
Antimony	121-1	870.14	856.48	868.20	864.94	0.85	ppb
Arsenic	75-1	642.58	648.06	641.01	643.88	0.57	ppb
Barium	135-1	226.41	218.76	223.40	222.86	1.73	ppb
Barium	137-1	228.28	223.27	223.38	224.98	1.27	ppb
Beryllium	9-1	205.95	204.59	205.67	205.40	0.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	315.48	305.99	319.65	313.70	2.23	ppb
Boron	11-1	317.28	316.91	324.84	319.68	1.40	ppb
Cadmium	111-1	208.99	208.08	201.72	206.26	1.92	ppb
Cadmium	106-1	171.81	169.77	149.49	163.69	7.54	ppb
Cadmium	108-1	182.46	171.28	172.52	175.42	3.49	ppb
Calcium	43-1	1398.97	1370.86	1282.38	1350.74	4.50	ppb
Calcium	44-1	1264.63	1257.37	1222.95	1248.32	1.78	ppb
Chromium	52-2	371.19	411.62	418.39	400.40	6.38	ppb
Cobalt	59-2	194.59	211.37	220.52	208.83	6.30	ppb
Copper	63-2	295.82	325.96	337.31	319.70	6.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	56-2	2594.32	2843.49	2913.38	2783.73	6.02	ppb
Iron	57-2	2636.35	2928.09	2968.55	2844.33	6.37	ppb
Krypton	83-1						cps
Lead	206-1	1063.90	1062.05	1051.03	1058.99	0.66	ppb
Lead	207-1	1033.85	1016.81	1031.61	1027.43	0.90	ppb
Lead	208-1	1051.92	1041.81	1042.39	1045.37	0.54	ppb
Lithium	6-1				107		%
Magnesium	24-2	2125.25	2339.60	2411.39	2292.08	6.50	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MSD	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:54:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	187.76	205.83	212.54	202.04	6.34	ppb
Molybdenum	94-1	260.36	260.74	262.85	261.32	0.51	ppb
Molybdenum	95-1	356.47	348.43	348.37	351.09	1.33	ppb
Molybdenum	96-1	344.00	339.68	335.81	339.83	1.21	ppb
Molybdenum	97-1	359.36	361.79	354.35	358.50	1.06	ppb
Molybdenum	98-1	350.41	347.58	343.23	347.07	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	415.17	459.18	470.04	448.13	6.48	ppb
Phosphorus	31-2	5188.29	5697.26	5879.14	5588.23	6.41	ppb
Potassium	39-2	8704.95	9618.00	9899.76	9407.57	6.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				111		%
Scandium	45-1				102		%
Scandium	45-2				113		%
Selenium	77-2	1760.56	1899.11	1934.63	1864.77	4.93	ppb
Selenium	78-2	1821.54	1999.43	2062.57	1961.18	6.37	ppb
Selenium	82-1	2110.08	2096.22	2091.71	2099.34	0.46	ppb
Silicon	28-1	2447.15	2421.18	2392.85	2420.39	1.12	ppb
Silver	109-1	81.74	79.83	79.87	80.48	1.35	ppb
Silver	107-1	82.03	79.99	80.58	80.87	1.30	ppb
Sodium	23-2	4705.24	5230.68	5390.95	5108.96	7.02	ppb
Strontium	86-1	220.39	219.25	214.69	218.11	1.38	ppb
Strontium	88-1	215.85	216.26	215.60	215.90	0.16	ppb
Sulfur	34-1	-2871.14	-3143.11	-3304.35	-3106.20		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	2084.02	2072.24	2076.17	2077.48	0.29	ppb
Thallium	205-1	2075.79	2059.82	2057.83	2064.48	0.48	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	34.57	ppb
Tin	118-1	769.19	749.87	769.46	762.84	1.47	ppb
Titanium	47-1	185.77	181.34	176.86	181.32	2.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.70	ppb
Vanadium	51-2	273.47	301.66	304.60	293.24	5.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				113		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MSD	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:54:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	190.08	211.69	217.47	206.41	6.99	ppb
Zirconium	90-1	0.20	0.21	0.20	0.20	4.63	ppb
Zirconium	91-1	0.38	0.36	0.30	0.35	11.37	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01A	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:58:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1868.54	1877.65	1858.28	1868.16	0.52	ppb
Antimony	121-1	825.50	843.29	836.54	835.11	1.08	ppb
Arsenic	75-1	617.16	627.39	620.03	621.52	0.85	ppb
Barium	135-1	213.01	219.27	214.82	215.70	1.49	ppb
Barium	137-1	214.72	219.66	217.22	217.20	1.14	ppb
Beryllium	9-1	196.60	199.12	199.54	198.42	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	301.00	307.02	317.66	308.56	2.73	ppb
Boron	11-1	306.22	318.51	317.89	314.21	2.20	ppb
Cadmium	111-1	199.09	195.55	198.56	197.74	0.97	ppb
Cadmium	106-1	152.00	156.50	161.60	156.70	3.06	ppb
Cadmium	108-1	176.47	165.32	168.36	170.05	3.39	ppb
Calcium	43-1	1233.82	1241.42	1274.71	1249.98	1.74	ppb
Calcium	44-1	1193.32	1192.07	1193.19	1192.86	0.06	ppb
Chromium	52-2	418.09	422.83	419.90	420.27	0.57	ppb
Cobalt	59-2	218.77	221.17	218.48	219.48	0.67	ppb
Copper	63-2	333.50	342.44	339.06	338.33	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	2923.51	2952.63	2902.94	2926.36	0.85	ppb
Iron	57-2	3008.20	3003.95	2993.02	3001.72	0.26	ppb
Krypton	83-1						cps
Lead	206-1	1008.86	1020.08	1016.37	1015.10	0.56	ppb
Lead	207-1	978.16	995.18	991.85	988.40	0.91	ppb
Lead	208-1	995.80	1009.43	1001.65	1002.29	0.68	ppb
Lithium	6-1				111		%
Magnesium	24-2	2422.10	2439.38	2405.30	2422.26	0.70	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01A Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:58:26 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.80	215.35	212.05	213.07	0.93	ppb
Molybdenum	94-1	252.38	256.53	249.54	252.82	1.39	ppb
Molybdenum	95-1	337.99	344.14	334.59	338.91	1.43	ppb
Molybdenum	96-1	330.86	329.97	325.05	328.63	0.95	ppb
Molybdenum	97-1	350.85	347.56	343.90	347.44	1.00	ppb
Molybdenum	98-1	335.14	334.80	332.64	334.19	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.85	475.40	472.80	471.68	0.93	ppb
Phosphorus	31-2	6144.60	5888.06	5813.60	5948.76	2.92	ppb
Potassium	39-2	9936.36	10017.62	9902.49	9952.16	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	2040.39	2069.82	2025.23	2045.15	1.11	ppb
Selenium	78-2	2068.92	2088.18	2104.14	2087.08	0.85	ppb
Selenium	82-1	2022.76	2016.62	1997.88	2012.42	0.64	ppb
Silicon	28-1	2302.37	2341.37	2308.38	2317.37	0.91	ppb
Silver	109-1	78.67	77.15	78.46	78.09	1.06	ppb
Silver	107-1	78.14	77.99	77.03	77.72	0.77	ppb
Sodium	23-2	5371.06	5517.13	5384.64	5424.27	1.49	ppb
Strontium	86-1	206.92	206.92	206.78	206.87	0.04	ppb
Strontium	88-1	204.81	205.57	207.23	205.87	0.60	ppb
Sulfur	34-1	-3370.50	-3335.83	-3383.25	-3363.20		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1978.59	2002.18	1998.72	1993.16	0.64	ppb
Thallium	205-1	1977.97	2004.91	1984.24	1989.04	0.71	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	18.18	ppb
Tin	118-1	721.40	753.90	724.37	733.22	2.45	ppb
Titanium	47-1	177.24	175.77	173.84	175.62	0.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	67.06	ppb
Vanadium	51-2	309.20	313.74	307.63	310.19	1.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01A	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:58:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	213.59	215.24	218.76	215.86	1.22	ppb
Zirconium	90-1	0.14	0.16	0.15	0.15	8.20	ppb
Zirconium	91-1	0.44	0.37	0.26	0.36	24.73	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51120.78	51646.36	51069.29	51278.81	0.62	ppb
Antimony	121-1	491.33	492.34	490.68	491.45	0.17	ppb
Arsenic	75-1	515.50	512.36	510.50	512.79	0.49	ppb
Barium	135-1	2488.98	2495.45	2493.47	2492.63	0.13	ppb
Barium	137-1	2492.00	2509.52	2487.86	2496.46	0.46	ppb
Beryllium	9-1	507.21	506.46	514.96	509.54	0.92	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	501.64	513.43	509.33	508.13	1.18	ppb
Boron	11-1	514.14	524.66	522.32	520.37	1.06	ppb
Cadmium	111-1	495.20	498.46	500.54	498.07	0.54	ppb
Cadmium	106-1	488.96	491.29	493.79	491.35	0.49	ppb
Cadmium	108-1	502.49	489.72	494.78	495.66	1.30	ppb
Calcium	43-1	228928.73	228946.53	227133.99	228336.42	0.46	ppb
Calcium	44-1	228746.70	230154.51	225870.07	228257.09	0.96	ppb
Chromium	52-2	496.43	509.64	508.66	504.91	1.46	ppb
Cobalt	59-2	542.75	557.07	555.64	551.82	1.43	ppb
Copper	63-2	997.58	1017.36	1014.23	1009.72	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	130589.02	133221.53	132003.76	131938.10	1.00	ppb
Iron	57-2	131074.58	133007.71	132648.36	132243.55	0.78	ppb
Krypton	83-1						cps
Lead	206-1	506.18	505.40	499.18	503.59	0.76	ppb
Lead	207-1	511.20	506.36	505.99	507.85	0.57	ppb
Lead	208-1	508.85	508.67	505.49	507.67	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	241041.32	242242.24	242776.26	242019.94	0.37	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.70	1013.45	1007.43	1003.86	1.17	ppb
Molybdenum	94-1	2498.09	2480.75	2474.64	2484.49	0.49	ppb
Molybdenum	95-1	2494.82	2470.72	2506.56	2490.70	0.73	ppb
Molybdenum	96-1	2472.30	2472.54	2471.08	2471.97	0.03	ppb
Molybdenum	97-1	2490.73	2481.80	2470.40	2480.98	0.41	ppb
Molybdenum	98-1	2494.47	2486.56	2473.62	2484.88	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.79	533.51	526.42	528.24	0.88	ppb
Phosphorus	31-2	9526.80	10212.73	9936.84	9892.12	3.49	ppb
Potassium	39-2	119675.73	121450.58	120114.53	120413.61	0.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	77-2	450.60	502.19	518.71	490.50	7.24	ppb
Selenium	78-2	523.52	509.89	494.55	509.32	2.85	ppb
Selenium	82-1	489.36	488.44	485.09	487.63	0.46	ppb
Silicon	28-1	493.26	506.21	506.47	501.98	1.50	ppb
Silver	109-1	500.19	499.57	494.43	498.06	0.63	ppb
Silver	107-1	500.62	498.14	501.78	500.18	0.37	ppb
Sodium	23-2	240854.47	241151.84	241162.99	241056.43	0.07	ppb
Strontium	86-1	507.40	501.81	501.28	503.49	0.67	ppb
Strontium	88-1	501.49	498.59	502.41	500.83	0.40	ppb
Sulfur	34-1	10089.47	10018.77	9820.68	9976.31	1.40	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	502.18	502.65	505.62	503.48	0.37	ppb
Thallium	205-1	506.40	508.02	503.35	505.92	0.47	ppb
Thorium	232-1	515.31	517.53	516.14	516.33	0.22	ppb
Tin	118-1	490.92	497.70	491.95	493.52	0.74	ppb
Titanium	47-1	2405.59	2425.80	2382.89	2404.76	0.89	ppb
Uranium	238-1	510.29	516.17	510.65	512.37	0.64	ppb
Vanadium	51-2	500.28	506.70	510.82	505.93	1.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				112		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	988.40	1013.32	1003.87	1001.86	1.26	ppb
Zirconium	90-1	503.68	497.69	500.35	500.57	0.60	ppb
Zirconium	91-1	506.86	501.71	497.50	502.03	0.93	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P7
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:06:05 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	1.06	1.94	1.38	35.25	ppb
Antimony	121-1	0.45	0.60	0.58	0.54	15.43	ppb
Arsenic	75-1	0.08	0.06	0.06	0.07	22.37	ppb
Barium	135-1	0.12	0.04	0.11	0.09	46.17	ppb
Barium	137-1	0.11	0.08	0.07	0.09	22.89	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	29.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	26.63	23.21	23.42	24.42	7.84	ppb
Boron	11-1	25.71	23.32	22.46	23.83	7.05	ppb
Cadmium	111-1	0.05	-0.01	0.02	0.02	152.51	ppb
Cadmium	106-1	0.34	-0.58	-0.26	-0.16		ppb
Cadmium	108-1	0.05	-0.03	0.05	0.02	190.94	ppb
Calcium	43-1	8.72	8.84	7.84	8.47	6.42	ppb
Calcium	44-1	17.93	13.70	15.28	15.64	13.69	ppb
Chromium	52-2	0.02	-0.01	0.02	0.01	163.80	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	74.28	ppb
Copper	63-2	-0.03	0.03	0.02	0.00	862.81	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				103		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	5.62	5.72	5.55	5.63	1.50	ppb
Iron	57-2	8.84	4.48	6.24	6.52	33.67	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.03	0.02	0.05	81.73	ppb
Lead	207-1	0.11	0.05	0.06	0.07	44.63	ppb
Lead	208-1	0.06	0.04	0.03	0.05	33.05	ppb
Lithium	6-1				106		%
Magnesium	24-2	8.98	10.02	9.38	9.46	5.54	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:06:05	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.04	0.05	0.05	13.04	ppb
Molybdenum	94-1	0.48	0.37	0.52	0.46	16.50	ppb
Molybdenum	95-1	0.46	0.43	0.42	0.44	3.63	ppb
Molybdenum	96-1	0.50	0.39	0.43	0.44	12.67	ppb
Molybdenum	97-1	0.39	0.47	0.39	0.42	10.61	ppb
Molybdenum	98-1	0.51	0.41	0.40	0.44	14.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	90.29	ppb
Phosphorus	31-2	-37.76	-45.43	-33.91	-39.03		ppb
Potassium	39-2	30.46	31.14	33.77	31.79	5.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.77	0.74	1.15	0.89	25.81	ppb
Selenium	82-1	0.12	-0.33	-0.16	-0.12		ppb
Silicon	28-1	6.30	3.36	5.72	5.13	30.34	ppb
Silver	109-1	0.04	0.05	0.02	0.04	35.36	ppb
Silver	107-1	0.06	0.03	0.03	0.04	38.10	ppb
Sodium	23-2	53.53	47.35	46.75	49.21	7.62	ppb
Strontium	86-1	0.03	0.05	0.09	0.06	53.14	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	56.84	ppb
Sulfur	34-1	-2121.52	-2374.40	-2038.09	-2178.00		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.16	0.17	0.19	23.71	ppb
Thallium	205-1	0.22	0.18	0.19	0.20	11.95	ppb
Thorium	232-1	0.10	0.08	0.07	0.08	21.43	ppb
Tin	118-1	0.15	0.18	0.17	0.17	8.69	ppb
Titanium	47-1	0.13	0.06	0.13	0.11	37.28	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	83.31	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	37.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:06:05	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.24	-0.04	-0.10		ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	25.05	ppb
Zirconium	91-1	0.07	0.06	0.05	0.06	14.31	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	16.74	18.03	18.17	8.25	ppb
Antimony	121-1	2.20	2.22	2.28	2.23	1.93	ppb
Arsenic	75-1	1.15	0.98	0.87	1.00	14.24	ppb
Barium	135-1	10.73	10.08	11.19	10.67	5.25	ppb
Barium	137-1	10.50	10.84	10.91	10.75	2.05	ppb
Beryllium	9-1	1.14	1.09	1.06	1.10	3.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	37.85	37.75	37.83	37.81	0.14	ppb
Boron	11-1	37.88	37.31	38.74	37.97	1.90	ppb
Cadmium	111-1	1.11	1.13	1.00	1.08	6.51	ppb
Cadmium	106-1	1.08	1.97	0.45	1.17	65.50	ppb
Cadmium	108-1	0.92	0.65	1.25	0.94	31.79	ppb
Calcium	43-1	474.88	456.61	455.29	462.26	2.37	ppb
Calcium	44-1	475.74	479.79	471.29	475.60	0.89	ppb
Chromium	52-2	2.28	2.13	2.13	2.18	4.18	ppb
Cobalt	59-2	1.13	0.98	1.10	1.07	7.09	ppb
Copper	63-2	2.00	2.11	2.11	2.07	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	52.39	52.54	52.02	52.32	0.51	ppb
Iron	57-2	65.43	59.22	60.81	61.82	5.22	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.07	1.06	1.08	2.81	ppb
Lead	207-1	0.96	0.95	1.00	0.97	2.58	ppb
Lead	208-1	0.98	1.01	1.01	1.00	1.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	544.37	552.28	544.48	547.04	0.83	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.13	1.04	1.10	1.09	4.26	ppb
Molybdenum	94-1	4.83	4.75	4.86	4.82	1.17	ppb
Molybdenum	95-1	4.92	4.47	4.51	4.63	5.41	ppb
Molybdenum	96-1	4.71	4.54	4.56	4.60	2.04	ppb
Molybdenum	97-1	4.83	4.59	4.71	4.71	2.57	ppb
Molybdenum	98-1	4.59	4.66	4.64	4.63	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.19	1.13	1.11	8.67	ppb
Phosphorus	31-2	-1.80	7.55	44.88	16.87	146.35	ppb
Potassium	39-2	534.79	520.80	534.22	529.94	1.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	3.09	6.48	2.20	3.92	57.62	ppb
Selenium	78-2	7.21	6.79	7.03	7.01	3.07	ppb
Selenium	82-1	5.62	4.97	6.18	5.59	10.85	ppb
Silicon	28-1	9.57	9.75	9.53	9.62	1.21	ppb
Silver	109-1	1.17	1.12	1.01	1.10	7.09	ppb
Silver	107-1	1.09	1.08	1.10	1.09	0.71	ppb
Sodium	23-2	547.14	562.36	548.19	552.56	1.54	ppb
Strontium	86-1	0.90	1.09	0.97	0.99	9.61	ppb
Strontium	88-1	1.01	1.03	1.05	1.03	1.56	ppb
Sulfur	34-1	-1675.76	-1523.08	-1483.71	-1560.85		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.10	0.99	1.04	1.04	5.14	ppb
Thallium	205-1	1.03	1.04	1.11	1.06	4.11	ppb
Thorium	232-1	0.97	0.92	0.97	0.95	3.06	ppb
Tin	118-1	5.81	5.33	5.54	5.56	4.39	ppb
Titanium	47-1	4.58	4.69	4.62	4.63	1.17	ppb
Uranium	238-1	0.89	0.89	0.94	0.91	3.35	ppb
Vanadium	51-2	5.41	5.51	5.69	5.54	2.61	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.92	1.95	1.96	1.94	0.95	ppb
Zirconium	90-1	1.00	0.99	1.03	1.01	1.81	ppb
Zirconium	91-1	1.09	1.04	1.00	1.04	4.58	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3657-01 Instrumnet Name : P7
 Client Sample ID : 390627719-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:13:18 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.59	33.84	23.08	28.50	18.87	ppb
Antimony	121-1	0.09	0.13	0.11	0.11	18.02	ppb
Arsenic	75-1	0.11	0.06	0.06	0.08	34.21	ppb
Barium	135-1	11.21	11.84	11.56	11.54	2.75	ppb
Barium	137-1	11.56	11.14	10.83	11.18	3.26	ppb
Beryllium	9-1	0.04	0.05	0.02	0.04	39.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	16.90	16.68	17.70	17.10	3.12	ppb
Boron	11-1	19.38	18.28	18.24	18.63	3.45	ppb
Cadmium	111-1	-0.05	0.14	-0.13	-0.01		ppb
Cadmium	106-1	-0.83	1.66	-1.50	-0.22		ppb
Cadmium	108-1	-0.02	0.20	0.12	0.10	114.25	ppb
Calcium	43-1	190.34	183.12	191.42	188.29	2.39	ppb
Calcium	44-1	203.60	204.68	196.51	201.60	2.20	ppb
Chromium	52-2	0.25	0.25	0.21	0.24	9.49	ppb
Cobalt	59-2	0.64	0.62	0.52	0.59	10.77	ppb
Copper	63-2	175.21	174.39	152.39	167.33	7.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	20.63	21.26	17.82	19.90	9.21	ppb
Iron	57-2	22.79	21.70	20.72	21.74	4.76	ppb
Krypton	83-1						cps
Lead	206-1	1.34	1.42	1.50	1.42	5.54	ppb
Lead	207-1	1.33	1.34	1.33	1.33	0.18	ppb
Lead	208-1	1.39	1.33	1.36	1.36	2.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	370.70	373.02	320.84	354.85	8.31	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3657-01	Instrumnet Name :	P7
Client Sample ID :	390627719-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:13:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.64	3.59	3.19	3.47	7.12	ppb
Molybdenum	94-1	0.07	0.05	0.10	0.07	33.34	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	35.79	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	12.94	ppb
Molybdenum	97-1	0.08	0.08	0.05	0.07	25.14	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	28.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.75	15.66	13.75	15.05	7.53	ppb
Phosphorus	31-2	-17.26	-32.05	-35.39	-28.23		ppb
Potassium	39-2	310.56	316.40	263.91	296.96	9.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.24	0.85	0.84	0.64	54.84	ppb
Selenium	82-1	-0.25	-0.90	1.09	-0.02		ppb
Silicon	28-1	1698.91	1670.35	1674.29	1681.18	0.92	ppb
Silver	109-1	0.03	0.04	0.07	0.05	34.05	ppb
Silver	107-1	0.06	0.06	0.03	0.05	30.37	ppb
Sodium	23-2	2507.74	2473.33	2170.84	2383.97	7.78	ppb
Strontium	86-1	3.64	3.91	3.74	3.77	3.55	ppb
Strontium	88-1	3.67	3.52	3.57	3.59	2.12	ppb
Sulfur	34-1	-1537.87	-1712.94	-2066.19	-1772.33		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.07	0.04	0.05	25.71	ppb
Thallium	205-1	0.05	0.03	0.07	0.05	38.04	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	38.82	ppb
Tin	118-1	0.60	0.66	0.71	0.66	8.77	ppb
Titanium	47-1	0.29	0.42	0.39	0.37	18.87	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	78.18	ppb
Vanadium	51-2	0.02	0.05	0.02	0.03	47.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				111		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3657-01	Instrumnet Name :	P7
Client Sample ID :	390627719-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:13:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.65	13.23	12.17	13.02	5.86	ppb
Zirconium	90-1	0.03	0.06	0.04	0.04	25.85	ppb
Zirconium	91-1	0.08	0.05	0.05	0.06	29.91	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	0.74	1.21	1.14	31.94	ppb
Antimony	121-1	0.03	0.06	0.06	0.05	32.08	ppb
Arsenic	75-1	0.00	-0.03	0.07	0.02	309.72	ppb
Barium	135-1	0.07	0.06	0.02	0.05	50.44	ppb
Barium	137-1	0.03	0.00	0.04	0.02	77.45	ppb
Beryllium	9-1	0.01	0.00	0.05	0.02	143.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	9.76	10.35	8.89	9.67	7.63	ppb
Boron	11-1	9.47	10.21	9.70	9.79	3.84	ppb
Cadmium	111-1	0.22	0.02	0.12	0.12	85.54	ppb
Cadmium	106-1	2.80	0.09	1.34	1.41	96.26	ppb
Cadmium	108-1	0.05	-0.03	-0.10	-0.03		ppb
Calcium	43-1	6.32	5.65	10.86	7.61	37.24	ppb
Calcium	44-1	10.27	12.40	11.57	11.41	9.41	ppb
Chromium	52-2	0.12	0.13	0.16	0.14	15.83	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	57.79	ppb
Copper	63-2	0.94	1.00	0.96	0.97	3.30	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				102		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	0.67	0.91	0.62	0.73	21.11	ppb
Iron	57-2	0.59	3.36	2.04	2.00	69.55	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.16	0.19	16.09	ppb
Lead	207-1	0.17	0.13	0.20	0.17	19.27	ppb
Lead	208-1	0.17	0.14	0.16	0.16	11.18	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.84	0.74	2.20	1.26	64.69	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.24	0.21	0.23	8.68	ppb
Molybdenum	94-1	0.08	0.02	0.05	0.05	52.00	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	2193.15	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	24.23	ppb
Molybdenum	97-1	0.03	0.00	0.02	0.01	112.27	ppb
Molybdenum	98-1	0.00	0.02	0.00	0.00	235.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.15	0.12	0.13	9.97	ppb
Phosphorus	31-2	-42.86	-44.94	-31.76	-39.85		ppb
Potassium	39-2	3.68	12.39	8.86	8.31	52.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-1.21	1.48	2.59	0.95	205.03	ppb
Selenium	82-1	-0.30	0.22	0.18	0.03	923.84	ppb
Silicon	28-1	9.47	10.14	10.69	10.10	6.09	ppb
Silver	109-1	0.02	0.03	0.02	0.02	9.98	ppb
Silver	107-1	0.03	0.04	0.02	0.03	36.60	ppb
Sodium	23-2	25.22	25.71	25.88	25.60	1.32	ppb
Strontium	86-1	0.00	0.01	0.04	0.02	113.76	ppb
Strontium	88-1	0.02	0.01	0.03	0.02	40.20	ppb
Sulfur	34-1	-2575.37	-2511.62	-2346.63	-2477.87		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.05	0.03	41.59	ppb
Thallium	205-1	0.02	0.03	0.05	0.03	37.67	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	108.33	ppb
Tin	118-1	0.08	0.09	0.06	0.07	22.01	ppb
Titanium	47-1	0.01	0.00	-0.04	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.94	2.92	2.92	2.93	0.35	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	49.71	ppb
Zirconium	91-1	-0.01	0.01	-0.01	-0.01		ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.73	1.28	1.46	16.11	ppb
Antimony	121-1	0.02	-0.01	0.05	0.02	136.54	ppb
Arsenic	75-1	0.02	0.02	-0.02	0.01	288.38	ppb
Barium	135-1	0.08	0.03	0.06	0.06	43.54	ppb
Barium	137-1	0.10	0.03	0.08	0.07	55.35	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	35.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	5.93	4.88	6.20	5.67	12.34	ppb
Boron	11-1	6.21	5.76	6.12	6.03	3.87	ppb
Cadmium	111-1	-0.07	-0.14	-0.21	-0.14		ppb
Cadmium	106-1	-1.10	-1.72	-2.69	-1.84		ppb
Cadmium	108-1	-0.10	-0.03	-0.10	-0.08		ppb
Calcium	43-1	4.17	6.80	1.99	4.32	55.68	ppb
Calcium	44-1	6.92	7.89	7.02	7.28	7.31	ppb
Chromium	52-2	0.10	0.17	0.10	0.12	33.87	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.43	0.45	0.51	0.46	9.30	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				102		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	0.48	0.55	0.55	0.53	7.83	ppb
Iron	57-2	1.14	0.76	0.10	0.67	79.27	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.11	0.10	3.23	ppb
Lead	207-1	0.03	0.02	0.06	0.04	57.59	ppb
Lead	208-1	0.07	0.04	0.07	0.06	30.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.17	0.22	0.07	0.15	51.73	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	0.02	0.02	66.79	ppb
Molybdenum	94-1	0.04	-0.02	0.01	0.01	254.12	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.02	0.03	0.00	2952.98	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	88.51	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.11	0.12	0.12	12.94	ppb
Phosphorus	31-2	-37.13	-41.59	-45.71	-41.48		ppb
Potassium	39-2	0.67	3.45	7.23	3.79	86.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	77-2	-0.30	-0.30	0.52	-0.03		ppb
Selenium	78-2	-0.43	-0.54	1.26	0.09	1070.58	ppb
Selenium	82-1	-0.79	-0.70	-0.72	-0.74		ppb
Silicon	28-1	7.18	6.94	6.60	6.91	4.22	ppb
Silver	109-1	-0.01	0.02	-0.01	0.00	547.69	ppb
Silver	107-1	0.00	0.00	0.01	0.00	412.08	ppb
Sodium	23-2	19.23	19.58	19.16	19.32	1.16	ppb
Strontium	86-1	-0.03	0.00	0.02	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	10.75	ppb
Sulfur	34-1	-2099.63	-2352.22	-2319.89	-2257.25		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.01	0.01	0.02	71.19	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.40	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	110.07	ppb
Tin	118-1	0.18	0.23	0.21	0.21	13.59	ppb
Titanium	47-1	0.02	-0.02	0.06	0.02	212.93	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.51	2.52	2.60	2.54	2.02	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.01	0.03	-0.01	0.00	602.83	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	1.40	0.78	1.30	36.64	ppb
Antimony	121-1	0.02	0.00	0.01	0.01	85.76	ppb
Arsenic	75-1	0.01	0.01	-0.01	0.01	172.20	ppb
Barium	135-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	4.16	4.14	3.62	3.97	7.76	ppb
Boron	11-1	4.32	3.22	3.86	3.80	14.58	ppb
Cadmium	111-1	-0.18	0.10	0.05	-0.01		ppb
Cadmium	106-1	-2.49	1.13	0.60	-0.26		ppb
Cadmium	108-1	-0.10	-0.03	-0.03	-0.05		ppb
Calcium	43-1	2.52	7.24	6.44	5.40	46.79	ppb
Calcium	44-1	10.63	10.01	8.67	9.77	10.26	ppb
Chromium	52-2	0.13	0.11	0.12	0.12	9.23	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.14	0.18	0.18	0.17	13.94	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				102		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	0.48	0.52	0.73	0.58	22.36	ppb
Iron	57-2	0.19	0.63	1.26	0.70	77.43	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.04	0.02	0.02	91.11	ppb
Lead	207-1	-0.04	0.00	-0.01	-0.01		ppb
Lead	208-1	-0.03	0.00	-0.02	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.48	0.17	0.74	0.46	61.52	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.03	0.03	0.03	27.15	ppb
Molybdenum	94-1	0.01	0.03	0.02	0.02	65.98	ppb
Molybdenum	95-1	-0.02	0.00	0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.03	0.01	205.22	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	250.57	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	32.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.04	0.04	16.00	ppb
Phosphorus	31-2	-43.96	-47.90	-28.77	-40.21		ppb
Potassium	39-2	4.65	4.97	5.34	4.98	6.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	77-2	-0.30	-0.30	0.51	-0.03		ppb
Selenium	78-2	-0.69	1.20	1.08	0.53	199.21	ppb
Selenium	82-1	-0.35	-0.25	-0.15	-0.25		ppb
Silicon	28-1	6.44	6.62	6.49	6.52	1.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	270.25	ppb
Sodium	23-2	25.72	27.76	23.40	25.63	8.51	ppb
Strontium	86-1	-0.08	-0.02	0.00	-0.03		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	60.34	ppb
Sulfur	34-1	-1911.96	-1996.37	-1773.15	-1893.83		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.00	0.01	144.69	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	107.90	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	304.20	ppb
Tin	118-1	-0.03	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.05	0.03	0.06	0.04	36.39	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.69	1.91	2.44	2.34	17.05	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	896.62	ppb
Zirconium	91-1	0.01	0.00	-0.03	-0.01		ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50798.14	49888.28	49471.19	50052.54	1.36	ppb
Antimony	121-1	514.12	523.47	504.52	514.04	1.84	ppb
Arsenic	75-1	551.51	557.64	538.01	549.05	1.83	ppb
Barium	135-1	2623.87	2668.78	2562.93	2618.52	2.03	ppb
Barium	137-1	2633.90	2679.24	2578.91	2630.68	1.91	ppb
Beryllium	9-1	521.53	527.26	518.94	522.58	0.82	ppb
Bismuth	209-1				89		%
Bismuth	209-2				95		%
Boron	10-1	499.40	510.75	521.66	510.60	2.18	ppb
Boron	11-1	517.13	523.55	522.27	520.98	0.65	ppb
Cadmium	111-1	543.16	545.78	527.68	538.87	1.82	ppb
Cadmium	106-1	539.91	545.01	528.16	537.69	1.61	ppb
Cadmium	108-1	538.91	543.24	523.56	535.24	1.93	ppb
Calcium	43-1	241065.64	239204.24	234557.95	238275.94	1.41	ppb
Calcium	44-1	241007.17	238125.83	234099.20	237744.06	1.46	ppb
Chromium	52-2	496.96	494.22	491.15	494.11	0.59	ppb
Cobalt	59-2	549.32	547.58	545.60	547.50	0.34	ppb
Copper	63-2	1044.26	1037.37	1030.50	1037.38	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				108		%
Iron	56-2	130478.60	129214.94	127534.04	129075.86	1.14	ppb
Iron	57-2	130492.52	129333.35	127925.66	129250.51	0.99	ppb
Krypton	83-1						cps
Lead	206-1	533.28	527.86	514.53	525.22	1.84	ppb
Lead	207-1	540.20	539.46	521.80	533.82	1.95	ppb
Lead	208-1	534.75	537.35	519.80	530.63	1.78	ppb
Lithium	6-1				102		%
Magnesium	24-2	239687.84	234255.25	233321.45	235754.85	1.46	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.86	986.02	980.48	986.79	0.68	ppb
Molybdenum	94-1	2606.75	2641.03	2579.92	2609.23	1.17	ppb
Molybdenum	95-1	2596.71	2658.85	2579.02	2611.53	1.61	ppb
Molybdenum	96-1	2592.45	2612.34	2562.63	2589.14	0.97	ppb
Molybdenum	97-1	2610.11	2637.07	2542.13	2596.43	1.88	ppb
Molybdenum	98-1	2591.14	2622.09	2569.56	2594.26	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.99	530.48	528.51	530.66	0.42	ppb
Phosphorus	31-2	9758.98	9460.13	9810.42	9676.51	1.95	ppb
Potassium	39-2	120025.70	117519.11	117074.63	118206.48	1.35	ppb
Rhodium	103-1				90		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				114		%
Selenium	77-2	448.35	468.81	512.99	476.71	6.93	ppb
Selenium	78-2	503.43	511.58	501.32	505.44	1.07	ppb
Selenium	82-1	512.41	520.03	497.59	510.01	2.24	ppb
Silicon	28-1	501.18	520.06	517.53	512.92	2.00	ppb
Silver	109-1	517.72	519.40	512.94	516.69	0.65	ppb
Silver	107-1	519.78	530.47	511.46	520.57	1.83	ppb
Sodium	23-2	238579.32	234148.87	232294.31	235007.50	1.37	ppb
Strontium	86-1	523.44	532.61	513.21	523.09	1.86	ppb
Strontium	88-1	527.44	531.23	518.68	525.78	1.22	ppb
Sulfur	34-1	11332.39	10801.55	10738.11	10957.35	2.98	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	530.18	522.83	517.27	523.43	1.24	ppb
Thallium	205-1	538.15	537.71	531.97	535.94	0.64	ppb
Thorium	232-1	545.40	547.95	531.93	541.76	1.59	ppb
Tin	118-1	521.90	521.75	499.36	514.34	2.52	ppb
Titanium	47-1	2507.84	2609.40	2461.83	2526.36	2.99	ppb
Uranium	238-1	537.68	537.92	525.76	533.78	1.30	ppb
Vanadium	51-2	499.62	495.85	494.73	496.73	0.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				113		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1026.61	1027.21	1028.56	1027.46	0.10	ppb
Zirconium	90-1	535.52	535.66	518.62	529.93	1.85	ppb
Zirconium	91-1	526.12	538.24	509.38	524.58	2.76	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.99	18.45	17.76	18.40	3.35	ppb
Antimony	121-1	2.17	2.25	2.12	2.18	2.95	ppb
Arsenic	75-1	0.84	0.91	1.06	0.94	12.02	ppb
Barium	135-1	10.51	9.75	9.78	10.01	4.32	ppb
Barium	137-1	10.66	9.50	9.67	9.94	6.30	ppb
Beryllium	9-1	1.09	1.03	1.09	1.07	3.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	34.52	34.74	36.20	35.15	2.60	ppb
Boron	11-1	34.58	33.72	34.29	34.20	1.28	ppb
Cadmium	111-1	0.99	0.90	0.91	0.94	5.03	ppb
Cadmium	106-1	0.80	1.05	1.41	1.09	28.00	ppb
Cadmium	108-1	1.24	0.89	0.82	0.98	23.16	ppb
Calcium	43-1	440.22	420.11	440.00	433.44	2.66	ppb
Calcium	44-1	437.51	438.19	438.09	437.93	0.08	ppb
Chromium	52-2	2.10	2.00	2.03	2.04	2.53	ppb
Cobalt	59-2	0.98	1.07	1.00	1.02	4.74	ppb
Copper	63-2	2.06	1.91	1.86	1.94	5.17	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				107		%
Holmium	165-2				106		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	49.75	50.88	48.99	49.87	1.90	ppb
Iron	57-2	59.44	56.42	57.72	57.86	2.61	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.92	0.98	0.95	3.42	ppb
Lead	207-1	0.90	0.84	0.86	0.87	3.25	ppb
Lead	208-1	0.91	0.87	0.91	0.90	2.46	ppb
Lithium	6-1				110		%
Magnesium	24-2	509.48	509.73	509.01	509.41	0.07	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.15	0.96	1.05	8.81	ppb
Molybdenum	94-1	4.60	4.39	4.69	4.56	3.31	ppb
Molybdenum	95-1	4.45	4.13	4.18	4.25	4.02	ppb
Molybdenum	96-1	4.42	4.26	4.13	4.27	3.40	ppb
Molybdenum	97-1	4.26	4.10	4.62	4.32	6.23	ppb
Molybdenum	98-1	4.48	4.30	4.09	4.29	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.01	1.08	1.07	5.65	ppb
Phosphorus	31-2	6.17	31.14	-5.57	10.58	177.19	ppb
Potassium	39-2	491.22	485.70	494.14	490.35	0.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	0.48	5.17	3.54	3.06	77.68	ppb
Selenium	78-2	5.72	7.85	6.48	6.68	16.18	ppb
Selenium	82-1	5.99	4.43	5.72	5.38	15.54	ppb
Silicon	28-1	7.81	6.61	7.03	7.15	8.50	ppb
Silver	109-1	1.03	1.07	1.05	1.05	1.90	ppb
Silver	107-1	1.13	1.03	1.00	1.05	6.59	ppb
Sodium	23-2	526.41	534.18	527.10	529.23	0.81	ppb
Strontium	86-1	0.93	1.04	1.07	1.01	7.10	ppb
Strontium	88-1	0.99	0.92	0.92	0.94	4.42	ppb
Sulfur	34-1	-1688.84	-1587.24	-1525.74	-1600.61		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	1.02	0.91	0.95	0.96	5.79	ppb
Thallium	205-1	1.02	0.88	0.97	0.95	7.67	ppb
Thorium	232-1	0.87	0.88	0.87	0.88	0.53	ppb
Tin	118-1	5.34	5.26	5.19	5.26	1.38	ppb
Titanium	47-1	4.07	4.09	4.29	4.15	2.93	ppb
Uranium	238-1	0.88	0.84	0.81	0.84	3.73	ppb
Vanadium	51-2	5.30	5.22	5.15	5.22	1.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				114		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.87	2.04	1.70	1.87	9.08	ppb
Zirconium	90-1	0.90	0.89	0.99	0.93	5.77	ppb
Zirconium	91-1	1.11	0.90	0.83	0.95	15.48	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:37:35	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-1.21	-0.83	-0.92		ppb
Antimony	121-1	0.05	0.07	0.07	0.06	22.78	ppb
Arsenic	75-1	0.02	0.05	-0.02	0.02	200.47	ppb
Barium	135-1	0.00	0.00	-0.03	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	150.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	7.68	6.47	7.15	7.10	8.51	ppb
Boron	11-1	8.09	7.50	7.18	7.59	6.05	ppb
Cadmium	111-1	0.02	0.22	-0.05	0.06	221.60	ppb
Cadmium	106-1	0.43	2.87	-0.96	0.78	248.51	ppb
Cadmium	108-1	0.27	-0.03	0.13	0.12	119.69	ppb
Calcium	43-1	-4.54	-5.03	-4.03	-4.53		ppb
Calcium	44-1	3.61	1.77	-1.04	1.45	161.91	ppb
Chromium	52-2	-0.03	-0.03	-0.02	-0.03		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.06	-0.04	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	0.25	0.09	0.16	0.17	47.92	ppb
Iron	57-2	1.66	1.01	0.64	1.10	46.76	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.03	0.02	0.00		ppb
Lead	207-1	0.00	-0.01	0.04	0.01	225.38	ppb
Lead	208-1	-0.01	-0.03	0.01	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.24	0.07	-0.13	0.06	319.19	ppb

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P7
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:37:35 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.01	0.01	0.00	4534.38	ppb
Molybdenum	94-1	0.09	0.05	0.09	0.08	24.23	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.04	15.52	ppb
Molybdenum	96-1	0.05	0.04	0.07	0.05	31.10	ppb
Molybdenum	97-1	0.07	0.02	0.03	0.04	71.81	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.04	45.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.04	-0.02		ppb
Phosphorus	31-2	-36.27	-43.45	-31.36	-37.03		ppb
Potassium	39-2	14.64	13.16	16.01	14.60	9.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-0.20	-0.49	0.80	0.04	1812.38	ppb
Selenium	82-1	-0.07	-0.03	-0.81	-0.30		ppb
Silicon	28-1	2.19	1.71	2.02	1.97	12.49	ppb
Silver	109-1	0.00	0.01	0.01	0.01	131.82	ppb
Silver	107-1	0.01	0.00	0.00	0.00	197.04	ppb
Sodium	23-2	31.74	27.62	28.77	29.38	7.23	ppb
Strontium	86-1	-0.02	-0.01	0.00	-0.01		ppb
Strontium	88-1	-0.02	-0.01	-0.02	-0.02		ppb
Sulfur	34-1	-972.38	-941.56	-1048.13	-987.35		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.01	0.02	39.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.59	ppb
Thorium	232-1	0.03	0.02	0.01	0.02	51.27	ppb
Tin	118-1	0.03	0.03	-0.02	0.01	205.70	ppb
Titanium	47-1	0.04	-0.05	0.00	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:37:35	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	-0.06	0.07	0.01	586.06	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	69.49	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	95.40	ppb

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	108	108	15.39	cps
Antimony	121-1	92	67	50	69	30.20	cps
Arsenic	75-1	21	-61	-84	-41	-134.08	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	25	8	50	28	75.51	cps
Beryllium	9-1	67	33	83	61	41.66	cps
Bismuth	209-1	2017494	1999230	1978679	1998467	0.97	cps
Bismuth	209-2	1284037	1278503	1268238	1276926	0.63	cps
Boron	10-1	667	592	692	650	8.01	cps
Boron	11-1	2575	3059	2834	2823	8.57	cps
Cadmium	111-1	855	878	757	830	7.77	cps
Cadmium	106-1	1208	1258	1083	1183	7.62	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	158	142	108	136	18.70	cps
Calcium	44-1	10713	10387	10354	10485	1.89	cps
Chromium	52-2	513	477	483	491	3.98	cps
Cobalt	59-2	43	40	57	47	18.90	cps
Copper	63-2	360	280	313	318	12.65	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	57	103	60	73	35.50	cps
Holmium	165-1	3526238	3466236	3453431	3481968	1.12	cps
Holmium	165-2	1982248	1950806	1960843	1964633	0.82	cps
Indium	115-1	2608890	2585929	2600085	2598301	0.45	cps
Indium	115-2	656134	649539	649888	651854	0.57	cps
Iron	56-2	2639	2706	2484	2610	4.37	cps
Iron	57-2	183	172	200	185	7.55	cps
Krypton	83-1	140	97	157	131	23.62	cps
Lead	206-1	411	378	333	374	10.43	cps
Lead	207-1	278	356	383	339	16.15	cps
Lead	208-1	1506	1711	1672	1630	6.70	cps
Lithium	6-1	1857882	1823241	1798539	1826554	1.63	cps
Magnesium	24-2	75	108	108	97	19.80	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	23	13	24	47.91	cps
Molybdenum	94-1	192	117	92	133	39.03	cps
Molybdenum	95-1	50	117	50	72	53.30	cps
Molybdenum	96-1	58	150	50	86	64.44	cps
Molybdenum	97-1	92	58	33	61	47.89	cps
Molybdenum	98-1	133	125	100	119	14.53	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	38	28	46	37	24.25	cps
Phosphorus	31-2	183	167	183	178	5.41	cps
Potassium	39-2	15200	15801	15267	15422	2.13	cps
Rhodium	103-1	2904220	2868932	2862797	2878649	0.78	cps
Rhodium	103-2	1436536	1432940	1427043	1432173	0.33	cps
Scandium	45-1	3161038	3136268	3167452	3154920	0.52	cps
Scandium	45-2	172158	171510	171901	171856	0.19	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	46	41	41	13.63	cps
Selenium	82-1	11	68	9	29	115.32	cps
Silicon	28-1	146796	144062	145039	145299	0.95	cps
Silver	109-1	25	25	25	25	0.00	cps
Silver	107-1	50	42	25	39	32.73	cps
Sodium	23-2	7777	7511	7369	7552	2.75	cps
Strontium	86-1	225	208	200	211	6.03	cps
Strontium	88-1	225	192	175	197	12.91	cps
Sulfur	34-1	231258	230378	226173	229270	1.19	cps
Terbium	159-1	3803294	3706998	3727157	3745816	1.36	cps
Terbium	159-2	2054983	2024461	2007093	2028846	1.19	cps
Thallium	203-1	75	58	50	61	20.83	cps
Thallium	205-1	158	100	100	119	28.20	cps
Thorium	232-1	89	83	72	81	10.42	cps
Tin	118-1	192	167	217	192	13.05	cps
Titanium	47-1	100	117	67	94	26.96	cps
Uranium	238-1	175	117	108	133	27.24	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	3748070	3684498	3689694	3707421	0.95	cps
Yttrium	89-2	640171	627533	636448	634717	1.02	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:08:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	97	140	116	19.21	cps
Zirconium	90-1	325	308	308	314	3.07	cps
Zirconium	91-1	133	25	42	67	87.50	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	1408	1250	1286	8.46	cps
Antimony	121-1	5201	5168	4801	5057	4.39	cps
Arsenic	75-1	775	740	904	806	10.74	cps
Barium	135-1	6710	6860	6677	6749	1.45	cps
Barium	137-1	11605	12114	11614	11778	2.47	cps
Beryllium	9-1	1330	1343	1293	1322	1.96	cps
Bismuth	209-1	1884883	1960145	1949091	1931373	2.10	cps
Bismuth	209-2	1247364	1246073	1245919	1246452	0.06	cps
Boron	10-1	5851	5776	5401	5676	4.25	cps
Boron	11-1	28461	25606	24988	26352	7.03	cps
Cadmium	111-1	1523	1394	1596	1504	6.79	cps
Cadmium	106-1	1267	1258	1283	1270	1.00	cps
Cadmium	108-1	50	71	46	56	24.11	cps
Calcium	43-1	9687	7602	7927	8406	13.34	cps
Calcium	44-1	164867	133851	129638	142786	13.47	cps
Chromium	52-2	3437	3314	3567	3439	3.68	cps
Cobalt	59-2	1933	2080	1897	1970	4.92	cps
Copper	63-2	2677	2890	2777	2781	3.84	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	100	63	73	79	24.03	cps
Holmium	165-1	3307881	3427466	3427539	3387629	2.04	cps
Holmium	165-2	1870318	1887584	1881816	1879906	0.47	cps
Indium	115-1	2700468	2807665	2798984	2769039	2.15	cps
Indium	115-2	636495	648121	643881	642832	0.92	cps
Iron	56-2	63024	63917	63325	63422	0.72	cps
Iron	57-2	1639	1817	1528	1661	8.77	cps
Krypton	83-1	127	130	130	129	1.49	cps
Lead	206-1	2639	2284	2406	2443	7.40	cps
Lead	207-1	2406	2078	1850	2111	13.23	cps
Lead	208-1	10741	9346	8885	9657	10.01	cps
Lithium	6-1	1744117	1825117	1806416	1791884	2.37	cps
Magnesium	24-2	74117	74485	74150	74251	0.27	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	953	923	867	914	4.81	cps
Molybdenum	94-1	7119	6693	6952	6921	3.10	cps
Molybdenum	95-1	8128	8553	8403	8361	2.58	cps
Molybdenum	96-1	9295	9996	9137	9476	4.82	cps
Molybdenum	97-1	5385	5151	5335	5290	2.32	cps
Molybdenum	98-1	13357	14108	13682	13715	2.75	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	614	676	658	649	4.91	cps
Phosphorus	31-2	400	383	308	364	13.42	cps
Potassium	39-2	82370	83686	83409	83155	0.83	cps
Rhodium	103-1	2672640	2756738	2746783	2725387	1.69	cps
Rhodium	103-2	1392497	1409845	1404072	1402138	0.63	cps
Scandium	45-1	3100363	3209398	3224242	3178001	2.13	cps
Scandium	45-2	169261	170057	168004	169107	0.61	cps
Selenium	77-2	20	27	30	26	19.92	cps
Selenium	78-2	120	135	93	116	18.64	cps
Selenium	82-1	403	348	342	364	9.28	cps
Silicon	28-1	258873	189098	181140	209704	20.39	cps
Silver	109-1	3359	3301	3551	3403	3.84	cps
Silver	107-1	3384	3584	3292	3420	4.36	cps
Sodium	23-2	150904	150566	148477	149983	0.88	cps
Strontium	86-1	1392	1125	1208	1242	10.99	cps
Strontium	88-1	9971	9020	9420	9470	5.04	cps
Sulfur	34-1	261902	244474	238657	248344	4.87	cps
Terbium	159-1	3520217	3579102	3637992	3579103	1.65	cps
Terbium	159-2	1930631	1954314	1934086	1939677	0.66	cps
Thallium	203-1	2259	2259	2100	2206	4.15	cps
Thallium	205-1	5927	5710	5310	5649	5.54	cps
Thorium	232-1	8347	8236	7969	8184	2.37	cps
Tin	118-1	10771	11171	11138	11027	2.01	cps
Titanium	47-1	3334	3467	3467	3423	2.25	cps
Uranium	238-1	8211	8078	8095	8128	0.89	cps
Vanadium	51-2	6658	6702	6712	6691	0.42	cps
Yttrium	89-1	3508527	3605969	3620642	3578379	1.70	cps
Yttrium	89-2	623797	635665	627733	629065	0.96	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:16:52	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	467	473	447	462	3.00	cps
Zirconium	90-1	6443	6085	6193	6240	2.95	cps
Zirconium	91-1	1275	1342	1367	1328	3.57	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:21:10 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61837	62490	62481	62269	0.60	cps
Antimony	121-1	133513	131840	131158	132170	0.92	cps
Arsenic	75-1	52973	53350	51633	52652	1.71	cps
Barium	135-1	176557	177504	172207	175422	1.61	cps
Barium	137-1	306312	304358	304034	304902	0.40	cps
Beryllium	9-1	69140	69602	69642	69461	0.40	cps
Bismuth	209-1	1751519	1963011	1950935	1888488	6.29	cps
Bismuth	209-2	1238712	1240818	1249505	1243012	0.46	cps
Boron	10-1	11446	11321	10929	11232	2.40	cps
Boron	11-1	48880	49323	48947	49050	0.49	cps
Cadmium	111-1	36531	37033	35657	36407	1.91	cps
Cadmium	106-1	5101	5343	4934	5126	4.01	cps
Cadmium	108-1	2767	2775	2830	2791	1.22	cps
Calcium	43-1	79379	79823	79003	79402	0.52	cps
Calcium	44-1	1261138	1252298	1240373	1251269	0.83	cps
Chromium	52-2	75016	75194	75666	75292	0.45	cps
Cobalt	59-2	98175	99014	99337	98842	0.61	cps
Copper	63-2	123858	124198	123994	124017	0.14	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	53	50	73	59	21.43	cps
Holmium	165-1	3111563	3512875	3551763	3392067	7.18	cps
Holmium	165-2	1845777	1837337	1859184	1847433	0.60	cps
Indium	115-1	2520570	2824130	2834610	2726437	6.54	cps
Indium	115-2	624824	624357	632908	627363	0.77	cps
Iron	56-2	2927136	2918000	2973173	2939436	1.01	cps
Iron	57-2	70692	70798	70804	70765	0.09	cps
Krypton	83-1	103	113	173	130	29.12	cps
Lead	206-1	101362	102615	100471	101483	1.06	cps
Lead	207-1	88562	89547	88103	88737	0.83	cps
Lead	208-1	402889	402427	397010	400775	0.82	cps
Lithium	6-1	1698053	1854917	1863408	1805459	5.16	cps
Magnesium	24-2	723363	719735	727119	723406	0.51	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:21:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87025	86479	88930	87478	1.47	cps
Molybdenum	94-1	399522	401091	395034	398549	0.79	cps
Molybdenum	95-1	518160	517505	515360	517009	0.28	cps
Molybdenum	96-1	573675	559394	558370	563813	1.52	cps
Molybdenum	97-1	320388	321934	316264	319529	0.92	cps
Molybdenum	98-1	818967	819466	810187	816207	0.64	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	29602	29939	30148	29896	0.92	cps
Phosphorus	31-2	3901	3759	4076	3912	4.06	cps
Potassium	39-2	349536	354221	354348	352702	0.78	cps
Rhodium	103-1	2436374	2744632	2738059	2639688	6.67	cps
Rhodium	103-2	1369801	1366789	1386041	1374210	0.75	cps
Scandium	45-1	2878594	3205346	3204480	3096140	6.09	cps
Scandium	45-2	163049	159250	163190	161830	1.38	cps
Selenium	77-2	157	187	200	181	12.26	cps
Selenium	78-2	633	728	704	688	7.13	cps
Selenium	82-1	3367	3366	3160	3298	3.61	cps
Silicon	28-1	340608	343299	336856	340255	0.95	cps
Silver	109-1	162137	165574	163518	163743	1.06	cps
Silver	107-1	170269	170437	168813	169840	0.53	cps
Sodium	23-2	1422405	1410275	1429155	1420612	0.67	cps
Strontium	86-1	54689	54973	54387	54683	0.54	cps
Strontium	88-1	469716	470052	460119	466629	1.21	cps
Sulfur	34-1	260505	263667	256104	260092	1.46	cps
Terbium	159-1	3260841	3663869	3645678	3523463	6.46	cps
Terbium	159-2	1891609	1886899	1926588	1901699	1.14	cps
Thallium	203-1	119685	122350	120458	120831	1.13	cps
Thallium	205-1	286717	293600	289744	290021	1.19	cps
Thorium	232-1	450991	450169	446400	449187	0.54	cps
Tin	118-1	108500	110903	106989	108797	1.81	cps
Titanium	47-1	209525	210102	208900	209509	0.29	cps
Uranium	238-1	449914	446412	442772	446366	0.80	cps
Vanadium	51-2	63365	63647	64159	63724	0.63	cps
Yttrium	89-1	3241538	3622916	3600795	3488416	6.14	cps
Yttrium	89-2	605331	604923	618450	609568	1.26	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:21:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20004	20465	20124	20197	1.18	cps
Zirconium	90-1	300363	303435	294934	299577	1.44	cps
Zirconium	91-1	67627	68957	67092	67892	1.41	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:25:30 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153204	150357	149944	151168	1.17	cps
Antimony	121-1	322726	324367	322206	323100	0.35	cps
Arsenic	75-1	129921	127745	128023	128563	0.92	cps
Barium	135-1	432511	431711	429648	431290	0.34	cps
Barium	137-1	745450	740165	743335	742983	0.36	cps
Beryllium	9-1	168631	166960	168203	167931	0.52	cps
Bismuth	209-1	1961545	1952032	1985010	1966196	0.86	cps
Bismuth	209-2	1278705	1271604	1303868	1284726	1.32	cps
Boron	10-1	26683	25739	25839	26087	1.99	cps
Boron	11-1	116589	115205	117757	116517	1.10	cps
Cadmium	111-1	88765	87379	87906	88017	0.80	cps
Cadmium	106-1	11222	10838	10946	11002	1.80	cps
Cadmium	108-1	6614	6864	6998	6825	2.85	cps
Calcium	43-1	192968	189587	193659	192071	1.13	cps
Calcium	44-1	3007064	2981960	3005744	2998256	0.47	cps
Chromium	52-2	186922	184748	184329	185333	0.75	cps
Cobalt	59-2	241045	241778	241532	241452	0.15	cps
Copper	63-2	302782	301526	303757	302688	0.37	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	0	58	25	28	105.36	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	83	77	77	79	4.88	cps
Holmium	165-1	3532242	3490250	3534833	3519108	0.71	cps
Holmium	165-2	1934943	1892792	1919647	1915794	1.11	cps
Indium	115-1	2762447	2740210	2784708	2762455	0.81	cps
Indium	115-2	639162	633084	638451	636899	0.52	cps
Iron	56-2	7292883	7200550	7254630	7249354	0.64	cps
Iron	57-2	172164	173721	172512	172799	0.47	cps
Krypton	83-1	177	120	140	146	19.75	cps
Lead	206-1	249599	248584	250919	249701	0.47	cps
Lead	207-1	222027	224060	222087	222725	0.52	cps
Lead	208-1	992224	996499	998082	995602	0.30	cps
Lithium	6-1	1838786	1833828	1866650	1846421	0.96	cps
Magnesium	24-2	1734360	1725621	1729580	1729854	0.25	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:25:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	214577	212537	213964	213693	0.49	cps
Molybdenum	94-1	963727	965007	970896	966543	0.40	cps
Molybdenum	95-1	1261227	1257859	1263177	1260754	0.21	cps
Molybdenum	96-1	1372155	1359869	1377318	1369781	0.65	cps
Molybdenum	97-1	777155	767138	778804	774366	0.82	cps
Molybdenum	98-1	2001702	1963327	1986426	1983818	0.97	cps
Neodymium	150-1	53	40	27	40	33.33	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	74620	73215	73033	73623	1.18	cps
Phosphorus	31-2	9378	9328	8803	9170	3.48	cps
Potassium	39-2	837730	831964	842429	837374	0.63	cps
Rhodium	103-1	2696718	2646538	2695643	2679633	1.07	cps
Rhodium	103-2	1401845	1399099	1415215	1405386	0.61	cps
Scandium	45-1	3113626	3096837	3126213	3112225	0.47	cps
Scandium	45-2	168620	166268	167414	167434	0.70	cps
Selenium	77-2	530	477	457	488	7.77	cps
Selenium	78-2	1578	1604	1496	1559	3.59	cps
Selenium	82-1	8005	8110	8214	8110	1.29	cps
Silicon	28-1	607728	599425	610762	605972	0.97	cps
Silver	109-1	399819	394828	399782	398143	0.72	cps
Silver	107-1	416460	405307	419616	413794	1.82	cps
Sodium	23-2	3440778	3394413	3416248	3417146	0.68	cps
Strontium	86-1	134576	134281	132314	133724	0.92	cps
Strontium	88-1	1121969	1126155	1120661	1122928	0.26	cps
Sulfur	34-1	283517	279908	273416	278947	1.83	cps
Terbium	159-1	3659590	3628272	3647968	3645277	0.43	cps
Terbium	159-2	1971326	1953295	1968024	1964215	0.49	cps
Thallium	203-1	300815	297725	300918	299819	0.61	cps
Thallium	205-1	727543	713904	725385	722277	1.02	cps
Thorium	232-1	1132740	1121451	1138178	1130790	0.75	cps
Tin	118-1	267054	264642	266924	266207	0.51	cps
Titanium	47-1	506271	497856	501470	501866	0.84	cps
Uranium	238-1	1127864	1120255	1138018	1128712	0.79	cps
Vanadium	51-2	157743	158066	157056	157621	0.33	cps
Yttrium	89-1	3571990	3563886	3571800	3569226	0.13	cps
Yttrium	89-2	619367	617394	623446	620069	0.50	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:25:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	46735	45507	45584	45942	1.50	cps
Zirconium	90-1	724555	709196	730686	721479	1.53	cps
Zirconium	91-1	167714	163832	168260	166602	1.45	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	291939	301574	299152	297555	1.68	cps
Antimony	121-1	641815	655017	651979	649604	1.06	cps
Arsenic	75-1	250880	256738	255509	254376	1.21	cps
Barium	135-1	853983	857955	881155	864364	1.70	cps
Barium	137-1	1470307	1478843	1502263	1483805	1.12	cps
Beryllium	9-1	325897	326669	330261	327609	0.71	cps
Bismuth	209-1	1968462	2162868	1863485	1998272	7.60	cps
Bismuth	209-2	1238970	1254034	1255319	1249441	0.73	cps
Boron	10-1	50092	50008	51129	50410	1.24	cps
Boron	11-1	226312	223270	230169	226583	1.53	cps
Cadmium	111-1	173639	174256	174662	174186	0.30	cps
Cadmium	106-1	19798	19965	20799	20187	2.66	cps
Cadmium	108-1	13315	13824	13915	13685	2.36	cps
Calcium	43-1	376315	377419	384824	379519	1.22	cps
Calcium	44-1	5903129	5962054	5954406	5939863	0.54	cps
Chromium	52-2	362608	369962	371597	368056	1.30	cps
Cobalt	59-2	476120	480293	486354	480922	1.07	cps
Copper	63-2	587690	608333	606186	600736	1.89	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	33	17	17	22	43.28	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	57	87	50	64	30.31	cps
Holmium	165-1	3489471	3830230	3302765	3540822	7.55	cps
Holmium	165-2	1872989	1892141	1895654	1886928	0.65	cps
Indium	115-1	2733762	2985151	2582188	2767033	7.36	cps
Indium	115-2	615891	630953	633270	626705	1.51	cps
Iron	56-2	14381031	14589788	14480116	14483645	0.72	cps
Iron	57-2	337854	346346	344664	342955	1.31	cps
Krypton	83-1	153	140	117	137	13.58	cps
Lead	206-1	494033	504663	505159	501285	1.25	cps
Lead	207-1	436947	442746	446127	441940	1.05	cps
Lead	208-1	1977531	1996044	2008051	1993875	0.77	cps
Lithium	6-1	1803180	1971853	1740836	1838623	6.50	cps
Magnesium	24-2	3444504	3467372	3440486	3450787	0.42	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	419275	424886	426137	423433	0.86	cps
Molybdenum	94-1	1913061	1936406	1933879	1927782	0.66	cps
Molybdenum	95-1	2494511	2499801	2522561	2505624	0.59	cps
Molybdenum	96-1	2759989	2741240	2778283	2759837	0.67	cps
Molybdenum	97-1	1490493	1494533	1523809	1502945	1.21	cps
Molybdenum	98-1	3991358	3947154	4019558	3986023	0.92	cps
Neodymium	150-1	47	60	33	47	28.58	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	142042	146124	146815	144994	1.78	cps
Phosphorus	31-2	17886	18028	17736	17884	0.82	cps
Potassium	39-2	1608845	1649757	1647890	1635497	1.41	cps
Rhodium	103-1	2665500	2915535	2531712	2704249	7.20	cps
Rhodium	103-2	1351349	1368870	1380340	1366853	1.07	cps
Scandium	45-1	3133166	3392214	2940883	3155421	7.18	cps
Scandium	45-2	163285	162678	165317	163760	0.84	cps
Selenium	77-2	997	917	900	938	5.51	cps
Selenium	78-2	3191	3110	3128	3143	1.36	cps
Selenium	82-1	15865	15991	16403	16086	1.75	cps
Silicon	28-1	1055056	1056182	1073448	1061562	0.97	cps
Silver	109-1	776834	784144	791785	784254	0.95	cps
Silver	107-1	806826	826469	834318	822538	1.72	cps
Sodium	23-2	6700199	6724386	6761852	6728813	0.46	cps
Strontium	86-1	264420	266941	271155	267505	1.27	cps
Strontium	88-1	2231590	2261063	2280012	2257555	1.08	cps
Sulfur	34-1	325595	320937	320938	322490	0.83	cps
Terbium	159-1	3675395	4036731	3495284	3735803	7.38	cps
Terbium	159-2	1923373	1941600	1933052	1932675	0.47	cps
Thallium	203-1	592521	605423	611326	603090	1.59	cps
Thallium	205-1	1426003	1421262	1447585	1431617	0.98	cps
Thorium	232-1	2289279	2313218	2338903	2313800	1.07	cps
Tin	118-1	530533	543350	538822	537568	1.21	cps
Titanium	47-1	994601	994364	1000332	996432	0.34	cps
Uranium	238-1	2236588	2260957	2297265	2264937	1.35	cps
Vanadium	51-2	308385	316042	317252	313893	1.53	cps
Yttrium	89-1	3602604	3903626	3408333	3638188	6.86	cps
Yttrium	89-2	603093	615439	615625	611385	1.17	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:29:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	89888	92094	92118	91367	1.40	cps
Zirconium	90-1	1444804	1444728	1462230	1450587	0.70	cps
Zirconium	91-1	329212	327508	333579	330100	0.95	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607478	598857	598847	601727	0.83	cps
Antimony	121-1	1325545	1343265	1342379	1337063	0.75	cps
Arsenic	75-1	520628	526356	527055	524679	0.67	cps
Barium	135-1	1746167	1740903	1764384	1750485	0.70	cps
Barium	137-1	3038516	3031402	3031719	3033879	0.13	cps
Beryllium	9-1	659843	670179	660442	663488	0.87	cps
Bismuth	209-1	1977684	1972812	1977700	1976065	0.14	cps
Bismuth	209-2	1294999	1300002	1324955	1306652	1.23	cps
Boron	10-1	98814	103999	101414	101409	2.56	cps
Boron	11-1	448324	456164	452361	452283	0.87	cps
Cadmium	111-1	353817	360188	356142	356716	0.90	cps
Cadmium	106-1	41077	41512	41503	41364	0.60	cps
Cadmium	108-1	28579	28283	28329	28397	0.56	cps
Calcium	43-1	766494	771684	768107	768762	0.35	cps
Calcium	44-1	12058295	12233490	12109626	12133804	0.74	cps
Chromium	52-2	742733	748011	754432	748392	0.78	cps
Cobalt	59-2	967059	973690	976460	972403	0.50	cps
Copper	63-2	1191590	1198141	1210254	1199995	0.79	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	50	27	63	47	39.76	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	77	107	57	80	31.46	cps
Holmium	165-1	3536794	3597196	3580414	3571468	0.87	cps
Holmium	165-2	1982980	1972366	1995053	1983466	0.57	cps
Indium	115-1	2752786	2774956	2747118	2758286	0.53	cps
Indium	115-2	648507	645662	660380	651516	1.20	cps
Iron	56-2	29712063	29546953	29420901	29559972	0.49	cps
Iron	57-2	698218	698801	709928	702316	0.94	cps
Krypton	83-1	137	130	157	141	9.84	cps
Lead	206-1	992525	1001042	992859	995475	0.48	cps
Lead	207-1	898393	895993	899900	898095	0.22	cps
Lead	208-1	3974161	4009148	3978122	3987144	0.48	cps
Lithium	6-1	1805963	1803983	1784883	1798276	0.65	cps
Magnesium	24-2	7087459	6987516	7037757	7037578	0.71	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	865842	865970	864197	865336	0.11	cps
Molybdenum	94-1	3984049	3964996	3950116	3966387	0.43	cps
Molybdenum	95-1	5174124	5210143	5172706	5185658	0.41	cps
Molybdenum	96-1	5642653	5676896	5666770	5662106	0.31	cps
Molybdenum	97-1	3161883	3140042	3118748	3140224	0.69	cps
Molybdenum	98-1	8251000	8193224	8174918	8206381	0.48	cps
Neodymium	150-1	107	147	133	129	15.80	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	292911	294044	295182	294046	0.39	cps
Phosphorus	31-2	35869	35952	36729	36184	1.31	cps
Potassium	39-2	3308564	3271892	3299820	3293425	0.58	cps
Rhodium	103-1	2693259	2673048	2675071	2680459	0.42	cps
Rhodium	103-2	1413989	1410857	1438142	1420996	1.05	cps
Scandium	45-1	3152094	3163111	3141091	3152099	0.35	cps
Scandium	45-2	169362	169163	172733	170419	1.18	cps
Selenium	77-2	1977	1890	2130	1999	6.08	cps
Selenium	78-2	6368	6583	6477	6476	1.66	cps
Selenium	82-1	32882	32940	33157	32993	0.44	cps
Silicon	28-1	1999743	2002923	2030389	2011018	0.84	cps
Silver	109-1	1562166	1572407	1571116	1568563	0.36	cps
Silver	107-1	1622053	1636200	1626592	1628282	0.44	cps
Sodium	23-2	13886498	13787997	13937715	13870736	0.55	cps
Strontium	86-1	547762	539884	548447	545364	0.87	cps
Strontium	88-1	4611899	4594128	4607897	4604642	0.20	cps
Sulfur	34-1	466718	465677	466761	466385	0.13	cps
Terbium	159-1	3757450	3774654	3759455	3763853	0.25	cps
Terbium	159-2	2049428	2024902	2037403	2037244	0.60	cps
Thallium	203-1	1208632	1218388	1225514	1217511	0.70	cps
Thallium	205-1	2873037	2922739	2912231	2902669	0.90	cps
Thorium	232-1	4687403	4720992	4735861	4714752	0.53	cps
Tin	118-1	1085612	1092162	1094957	1090910	0.44	cps
Titanium	47-1	1989789	2007963	2001529	1999760	0.46	cps
Uranium	238-1	4602899	4650554	4582525	4611993	0.76	cps
Vanadium	51-2	644166	636939	648102	643069	0.88	cps
Yttrium	89-1	3613416	3620135	3630859	3621470	0.24	cps
Yttrium	89-2	645155	642710	654540	647468	0.96	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:34:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	182255	185992	186619	184955	1.28	cps
Zirconium	90-1	3008102	3015329	3011600	3011677	0.12	cps
Zirconium	91-1	665481	659248	663055	662595	0.47	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1184001	1197434	1191688	1191041	0.57	cps
Antimony	121-1	2621926	2613542	2601146	2612205	0.40	cps
Arsenic	75-1	1000981	1001263	1004090	1002111	0.17	cps
Barium	135-1	3503901	3483650	3510154	3499235	0.40	cps
Barium	137-1	6057484	6080506	6079177	6072389	0.21	cps
Beryllium	9-1	1281816	1294523	1279467	1285269	0.63	cps
Bismuth	209-1	1979532	2034116	2014354	2009334	1.38	cps
Bismuth	209-2	1316341	1372114	1306023	1331493	2.67	cps
Boron	10-1	202491	205504	206247	204748	0.97	cps
Boron	11-1	888090	902257	894334	894894	0.79	cps
Cadmium	111-1	746057	736477	740685	741073	0.65	cps
Cadmium	106-1	85239	82507	81877	83208	2.15	cps
Cadmium	108-1	58491	57169	56583	57415	1.70	cps
Calcium	43-1	1514543	1505274	1501849	1507222	0.44	cps
Calcium	44-1	24279324	24095032	24070446	24148268	0.47	cps
Chromium	52-2	1448789	1456609	1465645	1457014	0.58	cps
Cobalt	59-2	1818407	1812985	1890338	1840577	2.35	cps
Copper	63-2	2459306	2476734	2446275	2460772	0.62	cps
Dysprosium	156-1	58	17	83	53	63.81	cps
Dysprosium	156-2	90	87	77	84	8.22	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	80	113	67	87	27.74	cps
Holmium	165-1	3609151	3720338	3681369	3670286	1.54	cps
Holmium	165-2	2068560	2088098	1970979	2042546	3.07	cps
Indium	115-1	2750754	2822235	2828725	2800571	1.54	cps
Indium	115-2	670304	686049	656482	670945	2.20	cps
Iron	56-2	63853069	64018531	63540717	63804106	0.38	cps
Iron	57-2	1557970	1570271	1559987	1562743	0.42	cps
Krypton	83-1	140	130	130	133	4.33	cps
Lead	206-1	1966662	1984363	1955858	1968961	0.73	cps
Lead	207-1	1752300	1765610	1744585	1754165	0.61	cps
Lead	208-1	7858450	7932056	7855307	7881937	0.55	cps
Lithium	6-1	1842517	1892620	1880981	1872039	1.40	cps
Magnesium	24-2	13958519	14064232	13893358	13972036	0.62	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:38:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1669495	1687931	1689076	1682167	0.65	cps
Molybdenum	94-1	7860642	7861511	7800138	7840764	0.45	cps
Molybdenum	95-1	10204505	10219347	10204573	10209475	0.08	cps
Molybdenum	96-1	11167691	11283632	11193987	11215103	0.54	cps
Molybdenum	97-1	6173602	6237103	6191456	6200720	0.53	cps
Molybdenum	98-1	16215428	16293363	16198322	16235705	0.31	cps
Neodymium	150-1	200	193	220	204	6.79	cps
Neodymium	150-2	13	30	33	26	41.94	cps
Nickel	60-2	575606	580090	578065	577921	0.39	cps
Phosphorus	31-2	71941	72560	71681	72061	0.63	cps
Potassium	39-2	6472789	6517901	6446517	6479069	0.56	cps
Rhodium	103-1	2647963	2728460	2683961	2686794	1.50	cps
Rhodium	103-2	1449570	1496635	1423264	1456490	2.55	cps
Scandium	45-1	3190764	3280010	3262330	3244368	1.46	cps
Scandium	45-2	179020	183228	176143	179464	1.99	cps
Selenium	77-2	4141	3721	3877	3913	5.43	cps
Selenium	78-2	12643	13030	12867	12847	1.51	cps
Selenium	82-1	64480	64754	64170	64468	0.45	cps
Silicon	28-1	5466819	5500915	5501696	5489810	0.36	cps
Silver	109-1	3269325	3304206	3268184	3280572	0.62	cps
Silver	107-1	3451300	3441572	3423032	3438635	0.42	cps
Sodium	23-2	27820562	27674915	27307261	27600913	0.96	cps
Strontium	86-1	1055472	1073312	1066119	1064968	0.84	cps
Strontium	88-1	9147873	9249656	9153009	9183512	0.62	cps
Sulfur	34-1	707205	709512	697075	704597	0.94	cps
Terbium	159-1	3829044	3943335	3891568	3887983	1.47	cps
Terbium	159-2	2106544	2143234	2040507	2096762	2.48	cps
Thallium	203-1	2425987	2462435	2450953	2446458	0.76	cps
Thallium	205-1	5782662	5821435	5781704	5795267	0.39	cps
Thorium	232-1	9708225	9538822	9492662	9579903	1.18	cps
Tin	118-1	2165675	2197444	2162444	2175188	0.89	cps
Titanium	47-1	4064670	4091297	4105646	4087204	0.51	cps
Uranium	238-1	9390856	9432992	9444207	9422685	0.30	cps
Vanadium	51-2	1258259	1280440	1278681	1272460	0.97	cps
Yttrium	89-1	3678010	3761992	3753729	3731244	1.24	cps
Yttrium	89-2	665411	684794	651510	667238	2.51	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:38:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	388268	398030	398731	395010	1.48	cps
Zirconium	90-1	6016455	5998139	5940666	5985086	0.66	cps
Zirconium	91-1	1295083	1307525	1299597	1300735	0.48	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6165255	6276610	6216289	6219385	0.90	cps
Antimony	121-1	3767	4209	4434	4137	8.20	cps
Arsenic	75-1	1100	1090	1004	1064	4.96	cps
Barium	135-1	675	533	542	583	13.63	cps
Barium	137-1	1275	1200	967	1147	14.02	cps
Beryllium	9-1	243	180	227	217	15.15	cps
Bismuth	209-1	1653392	1633018	1638358	1641589	0.64	cps
Bismuth	209-2	1080057	1083135	1087545	1083579	0.35	cps
Boron	10-1	11638	10579	10145	10788	7.12	cps
Boron	11-1	50870	47049	43138	47019	8.22	cps
Cadmium	111-1	947	895	828	890	6.67	cps
Cadmium	106-1	1175	1108	1033	1106	6.41	cps
Cadmium	108-1	25	38	17	26	39.73	cps
Calcium	43-1	7498075	7581581	7559902	7546519	0.57	cps
Calcium	44-1	120587353	120984119	119855436	120475636	0.48	cps
Chromium	52-2	11625	11721	11912	11753	1.24	cps
Cobalt	59-2	23846	23683	24314	23948	1.37	cps
Copper	63-2	2960	3150	3174	3095	3.78	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	50	87	73	70	26.51	cps
Holmium	165-1	3238705	3263344	3251444	3251164	0.38	cps
Holmium	165-2	1843618	1873117	1842269	1853001	0.94	cps
Indium	115-1	2346143	2340260	2362892	2349765	0.50	cps
Indium	115-2	598948	617474	610128	608850	1.53	cps
Iron	56-2	293541073	298127262	297704040	296457458	0.85	cps
Iron	57-2	6802274	6865509	6815471	6827752	0.49	cps
Krypton	83-1	160	157	140	152	7.04	cps
Lead	206-1	2161	2072	1872	2035	7.27	cps
Lead	207-1	1750	1872	1839	1821	3.47	cps
Lead	208-1	8190	8479	8096	8255	2.42	cps
Lithium	6-1	1720851	1722065	1733844	1725587	0.42	cps
Magnesium	24-2	68389564	69343391	69160649	68964535	0.73	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5051	5081	4798	4976	3.13	cps
Molybdenum	94-1	3684	3384	3134	3401	8.10	cps
Molybdenum	95-1	5568	5401	5310	5426	2.41	cps
Molybdenum	96-1	7611	7761	7044	7472	5.06	cps
Molybdenum	97-1	3009	2975	2659	2881	6.71	cps
Molybdenum	98-1	7185	6627	6202	6671	7.40	cps
Neodymium	150-1	73	93	53	73	27.27	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	6296	6461	6819	6525	4.09	cps
Phosphorus	31-2	258	250	242	250	3.33	cps
Potassium	39-2	33396058	33763397	33855833	33671763	0.72	cps
Rhodium	103-1	2278144	2272670	2289841	2280218	0.38	cps
Rhodium	103-2	1223002	1239069	1235346	1232473	0.68	cps
Scandium	45-1	2927439	2933426	2939408	2933424	0.20	cps
Scandium	45-2	162372	166662	167397	165477	1.64	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	59	56	63	59	6.24	cps
Selenium	82-1	28	35	79	47	58.69	cps
Silicon	28-1	270086	271193	262724	268001	1.72	cps
Silver	109-1	367	200	250	272	31.42	cps
Silver	107-1	400	325	200	308	32.77	cps
Sodium	23-2	137027745	137321366	137813128	137387413	0.29	cps
Strontium	86-1	4726	4726	4568	4673	1.96	cps
Strontium	88-1	39129	38453	38077	38553	1.38	cps
Sulfur	34-1	190672	197618	197247	195179	2.00	cps
Terbium	159-1	3437998	3444122	3424119	3435413	0.30	cps
Terbium	159-2	1887768	1921565	1893860	1901065	0.95	cps
Thallium	203-1	750	533	508	597	22.25	cps
Thallium	205-1	1592	1525	1492	1536	3.31	cps
Thorium	232-1	2156	1656	1467	1759	20.24	cps
Tin	118-1	967	992	1008	989	2.12	cps
Titanium	47-1	1058	975	808	947	13.44	cps
Uranium	238-1	1092	833	575	833	31.00	cps
Vanadium	51-2	280	227	310	272	15.51	cps
Yttrium	89-1	3329259	3355886	3332699	3339281	0.43	cps
Yttrium	89-2	614533	623803	622768	620368	0.82	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:42:22	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4227	4054	3814	4032	5.15	cps
Zirconium	90-1	1917	1825	1642	1795	7.80	cps
Zirconium	91-1	450	483	383	439	11.60	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 13:51:08 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31141	30499	29630	30423	2.49	cps
Antimony	121-1	510871	503585	514101	509519	1.06	cps
Arsenic	75-1	180186	178977	178844	179336	0.41	cps
Barium	135-1	70093	68720	69784	69532	1.04	cps
Barium	137-1	120595	119891	122293	120926	1.02	cps
Beryllium	9-1	135427	136172	140082	137227	1.82	cps
Bismuth	209-1	1901545	1901328	1928312	1910395	0.81	cps
Bismuth	209-2	1233481	1242885	1248570	1241646	0.61	cps
Boron	10-1	3392	3275	3284	3317	1.96	cps
Boron	11-1	15108	15976	14599	15228	4.57	cps
Cadmium	111-1	70478	68494	70117	69696	1.52	cps
Cadmium	106-1	7152	7210	7044	7135	1.19	cps
Cadmium	108-1	5622	5847	5951	5807	2.90	cps
Calcium	43-1	30466	29597	30958	30341	2.27	cps
Calcium	44-1	497305	487357	497484	494049	1.17	cps
Chromium	52-2	147321	147462	147496	147426	0.06	cps
Cobalt	59-2	198182	195993	197281	197152	0.56	cps
Copper	63-2	122860	124043	123371	123425	0.48	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	57	83	103	81	28.86	cps
Holmium	165-1	3363365	3357724	3367673	3362921	0.15	cps
Holmium	165-2	1888111	1904719	1883350	1892060	0.59	cps
Indium	115-1	2598268	2592630	2651408	2614102	1.24	cps
Indium	115-2	642469	647978	645976	645474	0.43	cps
Iron	56-2	1127372	1126557	1130741	1128224	0.20	cps
Iron	57-2	28289	28918	28701	28636	1.12	cps
Krypton	83-1	143	100	123	122	17.75	cps
Lead	206-1	407728	396592	406087	403469	1.49	cps
Lead	207-1	343562	337518	344163	341748	1.08	cps
Lead	208-1	1574003	1551865	1585034	1570301	1.08	cps
Lithium	6-1	1873512	1859467	1906889	1879956	1.30	cps
Magnesium	24-2	171116	173772	176020	173636	1.41	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:51:08	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	84766	85630	85111	85169	0.51	cps
Molybdenum	94-1	2257807	2256755	2310517	2275026	1.35	cps
Molybdenum	95-1	4064058	3996009	4077345	4045804	1.08	cps
Molybdenum	96-1	4257786	4247323	4326533	4277214	1.01	cps
Molybdenum	97-1	2447843	2430097	2480519	2452820	1.04	cps
Molybdenum	98-1	6373145	6305573	6454955	6377891	1.17	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	54966	54398	54696	54687	0.52	cps
Phosphorus	31-2	142	167	158	156	8.18	cps
Potassium	39-2	283640	284546	285326	284504	0.30	cps
Rhodium	103-1	2635355	2672852	2706263	2671490	1.33	cps
Rhodium	103-2	1398821	1406939	1400499	1402086	0.31	cps
Scandium	45-1	3090504	3088055	3171707	3116756	1.53	cps
Scandium	45-2	164865	166727	166561	166051	0.62	cps
Selenium	77-2	787	753	677	739	7.63	cps
Selenium	78-2	2593	2519	2672	2595	2.96	cps
Selenium	82-1	12969	12957	13121	13015	0.70	cps
Silicon	28-1	175333	180543	178805	178227	1.49	cps
Silver	109-1	307739	301288	309141	306056	1.37	cps
Silver	107-1	322886	318995	324041	321974	0.82	cps
Sodium	23-2	585040	586577	588013	586543	0.25	cps
Strontium	86-1	2742	2900	2684	2775	4.04	cps
Strontium	88-1	22418	22452	22485	22452	0.15	cps
Sulfur	34-1	206197	207043	194637	202625	3.42	cps
Terbium	159-1	3543955	3569564	3605045	3572854	0.86	cps
Terbium	159-2	1943193	1932387	1931955	1935845	0.33	cps
Thallium	203-1	483082	477492	485303	481959	0.84	cps
Thallium	205-1	1156261	1139011	1157635	1150969	0.90	cps
Thorium	232-1	667	600	667	644	5.97	cps
Tin	118-1	350	258	292	300	15.47	cps
Titanium	47-1	1604572	1590447	1616854	1603958	0.82	cps
Uranium	238-1	8	42	42	31	62.99	cps
Vanadium	51-2	125081	127303	126173	126186	0.88	cps
Yttrium	89-1	3509014	3510953	3588650	3536205	1.28	cps
Yttrium	89-2	626935	629727	627302	627988	0.24	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:51:08	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37040	37034	37512	37195	0.74	cps
Zirconium	90-1	1233	1125	1025	1128	9.24	cps
Zirconium	91-1	300	242	233	258	14.06	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:54:45	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	100	150	131	20.52	cps
Antimony	121-1	458	608	625	564	16.28	cps
Arsenic	75-1	46	52	-23	25	166.72	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	8	25	17	17	50.01	cps
Beryllium	9-1	117	93	97	102	12.34	cps
Bismuth	209-1	1939820	1824703	1896814	1887112	3.08	cps
Bismuth	209-2	1229000	1257604	1252942	1246515	1.23	cps
Boron	10-1	2809	2750	3000	2853	4.59	cps
Boron	11-1	12998	12731	12422	12717	2.27	cps
Cadmium	111-1	937	959	890	929	3.79	cps
Cadmium	106-1	1325	1350	1250	1308	3.98	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	142	200	175	172	16.99	cps
Calcium	44-1	12381	12256	12089	12242	1.20	cps
Chromium	52-2	473	497	403	458	10.61	cps
Cobalt	59-2	30	10	40	27	57.28	cps
Copper	63-2	310	237	333	293	17.20	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	53	67	73	64	15.80	cps
Holmium	165-1	3362010	3197760	3350109	3303293	2.77	cps
Holmium	165-2	1893452	1926352	1925200	1915001	0.97	cps
Indium	115-1	2633080	2506806	2586551	2575479	2.48	cps
Indium	115-2	644702	653952	665226	654626	1.57	cps
Iron	56-2	4651	4745	4618	4671	1.42	cps
Iron	57-2	250	250	228	243	5.29	cps
Krypton	83-1	63	113	183	120	50.23	cps
Lead	206-1	533	483	533	517	5.59	cps
Lead	207-1	339	372	378	363	5.80	cps
Lead	208-1	1745	1767	1895	1802	4.49	cps
Lithium	6-1	1882527	1793940	1849811	1842093	2.43	cps
Magnesium	24-2	575	558	450	528	12.86	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:54:45	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	33	13	22	45.83	cps
Molybdenum	94-1	683	467	508	553	20.80	cps
Molybdenum	95-1	842	792	667	767	11.76	cps
Molybdenum	96-1	883	717	792	797	10.47	cps
Molybdenum	97-1	450	442	417	436	3.98	cps
Molybdenum	98-1	1342	1158	1200	1233	7.79	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	42	26	27	32	29.12	cps
Phosphorus	31-2	242	150	175	189	25.09	cps
Potassium	39-2	16551	16535	16476	16521	0.24	cps
Rhodium	103-1	2712759	2575348	2667424	2651844	2.64	cps
Rhodium	103-2	1414114	1429665	1445299	1429693	1.09	cps
Scandium	45-1	3118355	2989252	3110096	3072568	2.35	cps
Scandium	45-2	169561	172013	171635	171070	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	39	35	41	18.64	cps
Selenium	82-1	86	24	-28	27	208.62	cps
Silicon	28-1	157764	156814	152630	155736	1.75	cps
Silver	109-1	83	25	42	50	60.09	cps
Silver	107-1	92	100	92	94	5.10	cps
Sodium	23-2	17152	16710	15934	16599	3.71	cps
Strontium	86-1	183	183	225	197	12.20	cps
Strontium	88-1	183	150	167	167	10.00	cps
Sulfur	34-1	225521	225667	228442	226543	0.73	cps
Terbium	159-1	3623406	3411258	3549158	3527941	3.05	cps
Terbium	159-2	1945651	1966737	1987095	1966494	1.05	cps
Thallium	203-1	233	200	183	206	12.39	cps
Thallium	205-1	442	425	433	433	1.92	cps
Thorium	232-1	172	206	228	202	13.85	cps
Tin	118-1	167	150	192	169	12.38	cps
Titanium	47-1	192	183	150	175	12.60	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	3593995	3408374	3539620	3513996	2.72	cps
Yttrium	89-2	629482	646778	641368	639210	1.38	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:54:45	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	160	147	120	142	14.32	cps
Zirconium	90-1	258	258	392	303	25.42	cps
Zirconium	91-1	67	58	108	78	34.44	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:58:22	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5750424	5759211	5890230	5799955	1.35	cps
Antimony	121-1	3459	3117	3100	3226	6.27	cps
Arsenic	75-1	982	1196	1050	1076	10.13	cps
Barium	135-1	1033	1058	1058	1050	1.38	cps
Barium	137-1	1784	1734	1892	1803	4.49	cps
Beryllium	9-1	450	463	537	483	9.66	cps
Bismuth	209-1	1826612	1857143	1852604	1845453	0.89	cps
Bismuth	209-2	1173048	1185806	1154557	1171137	1.34	cps
Boron	10-1	2109	1992	1808	1970	7.68	cps
Boron	11-1	9720	9812	8586	9373	7.28	cps
Cadmium	111-1	1362	1135	1366	1287	10.25	cps
Cadmium	106-1	1375	1067	1125	1189	13.78	cps
Cadmium	108-1	942	808	829	860	8.34	cps
Calcium	43-1	1509099	1500060	1504076	1504412	0.30	cps
Calcium	44-1	24408343	24686530	24702858	24599244	0.67	cps
Chromium	52-2	31895	32182	32052	32043	0.45	cps
Cobalt	59-2	2697	2507	2387	2530	6.18	cps
Copper	63-2	9847	10137	10587	10190	3.66	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	63	50	87	67	27.84	cps
Holmium	165-1	3461121	3479180	3499925	3480075	0.56	cps
Holmium	165-2	1940898	1964785	1886267	1930650	2.08	cps
Indium	115-1	2601533	2605812	2623426	2610257	0.44	cps
Indium	115-2	638211	651307	630565	640028	1.64	cps
Iron	56-2	122185253	122025711	122384872	122198612	0.15	cps
Iron	57-2	2801780	2809292	2810801	2807291	0.17	cps
Krypton	83-1	153	117	103	124	20.81	cps
Lead	206-1	10588	10966	10738	10764	1.77	cps
Lead	207-1	8964	8247	8564	8592	4.18	cps
Lead	208-1	40781	39835	40314	40310	1.17	cps
Lithium	6-1	1833224	1847268	1835832	1838775	0.41	cps
Magnesium	24-2	14614854	14636888	14957649	14736464	1.30	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:58:22	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7389	7149	7128	7222	2.00	cps
Molybdenum	94-1	1915930	1893793	1930091	1913272	0.96	cps
Molybdenum	95-1	3383229	3416829	3444516	3414858	0.90	cps
Molybdenum	96-1	3594641	3632506	3654039	3627062	0.83	cps
Molybdenum	97-1	2068997	2075241	2097551	2080596	0.72	cps
Molybdenum	98-1	5382965	5420154	5489248	5430789	0.99	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	3231	3299	3280	3270	1.08	cps
Phosphorus	31-2	360651	364063	369258	364657	1.19	cps
Potassium	39-2	13899133	13890770	14036923	13942275	0.59	cps
Rhodium	103-1	2573612	2630347	2629057	2611005	1.24	cps
Rhodium	103-2	1369043	1393801	1337164	1366669	2.08	cps
Scandium	45-1	3193819	3235854	3208125	3212599	0.67	cps
Scandium	45-2	174784	176848	170137	173923	1.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	48	46	43	16.22	cps
Selenium	82-1	-5	29	57	27	115.67	cps
Silicon	28-1	239243	236760	236075	237359	0.70	cps
Silver	109-1	200	175	258	211	20.26	cps
Silver	107-1	275	258	125	219	37.46	cps
Sodium	23-2	29195561	29362557	30015375	29524498	1.47	cps
Strontium	86-1	37358	38369	38411	38046	1.57	cps
Strontium	88-1	325668	326187	322240	324698	0.66	cps
Sulfur	34-1	3104207	3124385	3147507	3125366	0.69	cps
Terbium	159-1	3630855	3674021	3709173	3671350	1.07	cps
Terbium	159-2	1994533	2005083	1927778	1975798	2.12	cps
Thallium	203-1	317	342	383	347	9.70	cps
Thallium	205-1	725	750	1000	825	18.43	cps
Thorium	232-1	239	283	228	250	11.76	cps
Tin	118-1	617	625	583	608	3.62	cps
Titanium	47-1	1397543	1376001	1385025	1386190	0.78	cps
Uranium	238-1	208	217	142	189	21.76	cps
Vanadium	51-2	267	213	287	256	14.83	cps
Yttrium	89-1	3638642	3647698	3688467	3658269	0.73	cps
Yttrium	89-2	648719	654269	631063	644684	1.88	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 13:58:22	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2304	2337	2240	2294	2.14	cps
Zirconium	90-1	400	442	425	422	4.97	cps
Zirconium	91-1	83	92	125	100	22.05	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5874804	5780710	5865434	5840316	0.89	cps
Antimony	121-1	56782	56749	56130	56554	0.65	cps
Arsenic	75-1	22475	22405	21904	22262	1.40	cps
Barium	135-1	15993	15426	15492	15637	1.98	cps
Barium	137-1	29390	26860	26451	27567	5.78	cps
Beryllium	9-1	28550	28023	27148	27907	2.54	cps
Bismuth	209-1	1700962	1911043	1876660	1829555	6.16	cps
Bismuth	209-2	1211598	1208782	1206541	1208973	0.21	cps
Boron	10-1	16268	17010	16001	16426	3.18	cps
Boron	11-1	75038	74041	72022	73700	2.08	cps
Cadmium	111-1	15490	16218	15881	15863	2.30	cps
Cadmium	106-1	3392	3592	3692	3559	4.29	cps
Cadmium	108-1	2317	2013	2088	2139	7.41	cps
Calcium	43-1	1539053	1525066	1517187	1527102	0.73	cps
Calcium	44-1	25168741	25034809	24826429	25009993	0.69	cps
Chromium	52-2	64815	64273	64494	64527	0.42	cps
Cobalt	59-2	43471	43571	44023	43688	0.67	cps
Copper	63-2	36175	36392	35938	36168	0.63	cps
Dysprosium	156-1	8	42	0	17	132.30	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	17	0	50	22	114.56	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	33	67	25	42	52.92	cps
Gadolinium	160-2	57	73	83	71	18.94	cps
Holmium	165-1	3202113	3618229	3611663	3477335	6.86	cps
Holmium	165-2	2009193	1999162	1995145	2001167	0.36	cps
Indium	115-1	2396810	2719827	2680568	2599069	6.78	cps
Indium	115-2	654350	661307	662156	659271	0.65	cps
Iron	56-2	124766739	122526286	123231017	123508014	0.93	cps
Iron	57-2	2856283	2828913	2828029	2837742	0.57	cps
Krypton	83-1	140	117	157	138	14.58	cps
Lead	206-1	55070	52549	52543	53387	2.73	cps
Lead	207-1	42953	41666	42820	42480	1.67	cps
Lead	208-1	205215	200360	198865	201480	1.65	cps
Lithium	6-1	1692639	1856120	1833024	1793928	4.93	cps
Magnesium	24-2	14987683	14898233	14998276	14961397	0.37	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25983	25539	25412	25645	1.17	cps
Molybdenum	94-1	2150708	2140667	2108384	2133253	1.04	cps
Molybdenum	95-1	3609706	3572218	3517904	3566610	1.29	cps
Molybdenum	96-1	3852547	3789622	3774130	3805433	1.09	cps
Molybdenum	97-1	2178999	2156146	2157492	2164213	0.59	cps
Molybdenum	98-1	5720759	5653132	5657740	5677211	0.67	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	20	13	0	11	91.66	cps
Nickel	60-2	14203	14311	14270	14261	0.38	cps
Phosphorus	31-2	369118	364117	369213	367483	0.79	cps
Potassium	39-2	13998149	14022847	14060385	14027127	0.22	cps
Rhodium	103-1	2388860	2723609	2680080	2597516	7.01	cps
Rhodium	103-2	1410301	1415486	1416271	1414019	0.23	cps
Scandium	45-1	2934045	3316930	3286399	3179125	6.69	cps
Scandium	45-2	179553	180377	179806	179912	0.23	cps
Selenium	77-2	93	90	73	86	12.53	cps
Selenium	78-2	293	306	283	294	3.80	cps
Selenium	82-1	1403	1318	1280	1334	4.72	cps
Silicon	28-1	478986	471600	468311	472966	1.16	cps
Silver	109-1	62908	63092	59794	61931	2.99	cps
Silver	107-1	66398	65008	64305	65237	1.63	cps
Sodium	23-2	30067785	29858059	30159611	30028485	0.51	cps
Strontium	86-1	123234	120098	121486	121606	1.29	cps
Strontium	88-1	1055078	1026662	1020558	1034099	1.78	cps
Sulfur	34-1	3181845	3153158	3115281	3150095	1.06	cps
Terbium	159-1	3378226	3837188	3799899	3671771	6.94	cps
Terbium	159-2	2039145	2034693	2037657	2037165	0.11	cps
Thallium	203-1	49668	49058	48548	49091	1.14	cps
Thallium	205-1	122326	116609	116575	118503	2.79	cps
Thorium	232-1	1567	1717	1767	1683	6.18	cps
Tin	118-1	145109	140110	136054	140424	3.23	cps
Titanium	47-1	1467663	1439649	1431573	1446295	1.31	cps
Uranium	238-1	577133	574121	562818	571357	1.32	cps
Vanadium	51-2	27663	27339	27983	27662	1.17	cps
Yttrium	89-1	3347523	3797878	3740674	3628692	6.76	cps
Yttrium	89-2	669535	668244	661077	666286	0.68	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:02:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6151	5711	5935	5932	3.71	cps
Zirconium	90-1	394734	391490	384250	390158	1.38	cps
Zirconium	91-1	89530	89773	88330	89211	0.87	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559948	3583301	3591703	3578317	0.46	cps
Antimony	121-1	1297131	1283892	1277781	1286268	0.77	cps
Arsenic	75-1	545902	535297	537243	539480	1.05	cps
Barium	135-1	1721983	1720307	1734463	1725585	0.45	cps
Barium	137-1	2993074	2974929	2989259	2985754	0.32	cps
Beryllium	9-1	687760	677759	685258	683592	0.76	cps
Bismuth	209-1	1805272	1705233	1877455	1795987	4.82	cps
Bismuth	209-2	1140953	1181142	1193507	1171867	2.34	cps
Boron	10-1	108781	107204	108965	108317	0.89	cps
Boron	11-1	479766	483437	487249	483484	0.77	cps
Cadmium	111-1	374722	366184	363824	368244	1.56	cps
Cadmium	106-1	42824	41779	41395	41999	1.76	cps
Cadmium	108-1	28696	28450	28938	28695	0.85	cps
Calcium	43-1	3938012	3908379	3910405	3918932	0.42	cps
Calcium	44-1	62607376	63138647	62316449	62687491	0.67	cps
Chromium	52-2	769594	783881	786068	779848	1.15	cps
Cobalt	59-2	1079380	1114450	1110596	1101475	1.75	cps
Copper	63-2	1304901	1340544	1341137	1328861	1.56	cps
Dysprosium	156-1	25	33	58	39	44.61	cps
Dysprosium	156-2	50	60	30	47	32.73	cps
Erbium	164-1	17	25	33	25	33.34	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Gadolinium	160-2	53	67	73	64	15.80	cps
Holmium	165-1	3527213	3323225	3637912	3496117	4.57	cps
Holmium	165-2	1916328	1959862	1976717	1950969	1.60	cps
Indium	115-1	2581048	2403038	2685228	2556438	5.58	cps
Indium	115-2	637463	658974	667232	654556	2.35	cps
Iron	56-2	177615898	180889321	180093404	179532874	0.95	cps
Iron	57-2	4087878	4171877	4135912	4131889	1.02	cps
Krypton	83-1	143	163	170	159	8.73	cps
Lead	206-1	942648	936112	930630	936463	0.64	cps
Lead	207-1	842125	840662	836223	839670	0.37	cps
Lead	208-1	3732480	3754650	3717363	3734831	0.50	cps
Lithium	6-1	1916284	1820546	1955931	1897587	3.67	cps
Magnesium	24-2	37294393	37515728	37725686	37511936	0.57	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	886939	902043	912022	900334	1.40	cps
Molybdenum	94-1	3985729	4020407	3981135	3995757	0.54	cps
Molybdenum	95-1	5149245	5172305	5143532	5155027	0.30	cps
Molybdenum	96-1	5640904	5672957	5650318	5654727	0.29	cps
Molybdenum	97-1	3126824	3145889	3137945	3136886	0.31	cps
Molybdenum	98-1	8205376	8178213	8196320	8193303	0.17	cps
Neodymium	150-1	107	200	180	162	30.29	cps
Neodymium	150-2	30	23	30	28	13.86	cps
Nickel	60-2	324599	334907	332713	330740	1.64	cps
Phosphorus	31-2	37414	38592	38810	38272	1.96	cps
Potassium	39-2	18193480	18216305	18318729	18242838	0.37	cps
Rhodium	103-1	2553247	2404135	2695068	2550817	5.70	cps
Rhodium	103-2	1353738	1387451	1394433	1378541	1.58	cps
Scandium	45-1	3286022	3037854	3395736	3239871	5.66	cps
Scandium	45-2	180558	182863	187844	183755	2.03	cps
Selenium	77-2	1980	1977	2010	1989	0.92	cps
Selenium	78-2	6781	6820	6789	6797	0.30	cps
Selenium	82-1	33128	32587	32228	32648	1.39	cps
Silicon	28-1	2704351	2772369	2844698	2773806	2.53	cps
Silver	109-1	1641159	1621474	1594198	1618944	1.46	cps
Silver	107-1	1689388	1687271	1686458	1687706	0.09	cps
Sodium	23-2	73869275	75079170	74769283	74572576	0.84	cps
Strontium	86-1	557736	548290	548623	551550	0.97	cps
Strontium	88-1	4681738	4645549	4707349	4678212	0.66	cps
Sulfur	34-1	490765	478219	480283	483089	1.39	cps
Terbium	159-1	3736547	3479478	3859931	3691985	5.26	cps
Terbium	159-2	1955175	1997149	2021416	1991247	1.68	cps
Thallium	203-1	1160287	1150550	1120236	1143691	1.83	cps
Thallium	205-1	2741474	2729702	2711352	2727509	0.56	cps
Thorium	232-1	4577189	4564585	4571579	4571118	0.14	cps
Tin	118-1	1074097	1066674	1065451	1068741	0.44	cps
Titanium	47-1	2071367	2043358	2048046	2054257	0.73	cps
Uranium	238-1	4445099	4423239	4423363	4430567	0.28	cps
Vanadium	51-2	671513	687056	687726	682098	1.34	cps
Yttrium	89-1	3672787	3448555	3826049	3649130	5.20	cps
Yttrium	89-2	661818	676116	681710	673215	1.52	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:09:45	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206248	212076	210460	209595	1.44	cps
Zirconium	90-1	3043971	3042667	3033188	3039942	0.19	cps
Zirconium	91-1	676425	679015	670132	675191	0.68	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1317	1583	1389	12.26	cps
Antimony	121-1	5268	5235	5635	5379	4.13	cps
Arsenic	75-1	952	1020	838	937	9.82	cps
Barium	135-1	6235	6894	7194	6774	7.24	cps
Barium	137-1	11772	12615	12273	12220	3.47	cps
Beryllium	9-1	1350	1480	1443	1425	4.71	cps
Bismuth	209-1	1836721	1983267	2016320	1945436	4.91	cps
Bismuth	209-2	1265577	1281675	1288091	1278448	0.91	cps
Boron	10-1	8761	8403	7977	8380	4.68	cps
Boron	11-1	41675	37539	38107	39107	5.73	cps
Cadmium	111-1	1472	1647	1619	1579	5.95	cps
Cadmium	106-1	1300	1492	1442	1411	7.05	cps
Cadmium	108-1	54	79	46	60	29.05	cps
Calcium	43-1	11005	7677	7852	8845	21.17	cps
Calcium	44-1	179341	140698	138527	152855	15.02	cps
Chromium	52-2	3734	3707	3877	3773	2.42	cps
Cobalt	59-2	2144	2307	2040	2164	6.22	cps
Copper	63-2	3027	3060	2854	2980	3.72	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	67	25	8	33	90.15	cps
Gadolinium	160-2	80	43	77	67	30.42	cps
Holmium	165-1	3279891	3567717	3569163	3472257	4.80	cps
Holmium	165-2	1993551	2000011	2023370	2005644	0.78	cps
Indium	115-1	2596192	2823661	2847206	2755686	5.03	cps
Indium	115-2	701071	708728	705526	705109	0.55	cps
Iron	56-2	69224	69559	69341	69375	0.24	cps
Iron	57-2	1784	1961	1995	1913	5.93	cps
Krypton	83-1	157	187	160	168	9.80	cps
Lead	206-1	2967	2645	2623	2745	7.02	cps
Lead	207-1	2684	2200	2495	2460	9.91	cps
Lead	208-1	12036	10196	10713	10982	8.64	cps
Lithium	6-1	1742528	1875451	1890493	1836158	4.43	cps
Magnesium	24-2	80365	79294	81128	80262	1.15	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1030	977	1043	1017	3.47	cps
Molybdenum	94-1	6577	8053	7127	7252	10.28	cps
Molybdenum	95-1	8912	8936	9253	9034	2.11	cps
Molybdenum	96-1	9704	10254	10304	10087	3.30	cps
Molybdenum	97-1	5126	5885	6093	5701	8.93	cps
Molybdenum	98-1	13549	14016	14691	14085	4.08	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	748	749	678	725	5.65	cps
Phosphorus	31-2	442	383	417	414	7.07	cps
Potassium	39-2	92957	94961	94098	94005	1.07	cps
Rhodium	103-1	2678792	2925563	2922171	2842175	4.98	cps
Rhodium	103-2	1520592	1532724	1557830	1537049	1.24	cps
Scandium	45-1	3159603	3422021	3436316	3339313	4.67	cps
Scandium	45-2	188405	188026	190826	189086	0.80	cps
Selenium	77-2	23	20	20	21	9.11	cps
Selenium	78-2	135	115	143	131	10.99	cps
Selenium	82-1	371	329	371	357	6.68	cps
Silicon	28-1	332602	212382	193688	246224	30.62	cps
Silver	109-1	3501	3601	3359	3487	3.48	cps
Silver	107-1	3559	3801	3584	3648	3.64	cps
Sodium	23-2	175556	176400	180152	177369	1.38	cps
Strontium	86-1	1342	1375	1342	1353	1.42	cps
Strontium	88-1	9845	9128	9829	9601	4.26	cps
Sulfur	34-1	278796	251913	252273	260994	5.91	cps
Terbium	159-1	3500886	3805559	3817480	3707975	4.84	cps
Terbium	159-2	2094517	2064564	2082322	2080468	0.72	cps
Thallium	203-1	2267	2417	2275	2320	3.63	cps
Thallium	205-1	5318	6027	5451	5599	6.73	cps
Thorium	232-1	8464	8792	8497	8585	2.10	cps
Tin	118-1	10780	10996	12114	11297	6.34	cps
Titanium	47-1	3484	3867	3892	3748	6.11	cps
Uranium	238-1	7861	8553	7786	8067	5.24	cps
Vanadium	51-2	7155	7475	7659	7430	3.43	cps
Yttrium	89-1	3567351	3837740	3876541	3760544	4.48	cps
Yttrium	89-2	692444	695025	698480	695316	0.44	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:18:44	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	577	563	580	573	1.54	cps
Zirconium	90-1	6285	6302	6127	6238	1.55	cps
Zirconium	91-1	1192	1400	1342	1311	8.20	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P7
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:22:20 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	150	75	114	33.00	cps
Antimony	121-1	133	333	175	214	49.33	cps
Arsenic	75-1	-56	18	-30	-23	-163.53	cps
Barium	135-1	0	0	8	3	173.21	cps
Barium	137-1	8	17	50	25	88.19	cps
Beryllium	9-1	80	77	80	79	2.44	cps
Bismuth	209-1	1995360	1997696	1987893	1993650	0.26	cps
Bismuth	209-2	1265621	1268996	1278539	1271052	0.53	cps
Boron	10-1	2534	2275	2242	2350	6.79	cps
Boron	11-1	10788	10704	10220	10571	2.90	cps
Cadmium	111-1	860	820	793	824	4.12	cps
Cadmium	106-1	1225	1150	1117	1164	4.77	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	150	192	125	156	21.65	cps
Calcium	44-1	12664	12914	12564	12714	1.42	cps
Chromium	52-2	497	573	507	526	7.93	cps
Cobalt	59-2	17	23	17	19	20.36	cps
Copper	63-2	367	370	370	369	0.52	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	70	97	73	80	18.17	cps
Holmium	165-1	3612730	3520100	3569522	3567451	1.30	cps
Holmium	165-2	2027694	2005166	2000596	2011152	0.72	cps
Indium	115-1	2852165	2838762	2815962	2835629	0.65	cps
Indium	115-2	702599	703376	701446	702473	0.14	cps
Iron	56-2	2817	2845	3078	2913	4.92	cps
Iron	57-2	167	211	250	209	19.93	cps
Krypton	83-1	150	140	127	139	8.43	cps
Lead	206-1	650	656	639	648	1.31	cps
Lead	207-1	522	633	489	548	13.80	cps
Lead	208-1	2406	2389	2417	2404	0.58	cps
Lithium	6-1	1914107	1885726	1886669	1895501	0.85	cps
Magnesium	24-2	100	50	75	75	33.33	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:22:20	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	20	21	24.12	cps
Molybdenum	94-1	242	242	208	231	8.35	cps
Molybdenum	95-1	100	150	225	158	39.73	cps
Molybdenum	96-1	225	225	108	186	36.19	cps
Molybdenum	97-1	117	125	83	108	20.35	cps
Molybdenum	98-1	300	200	183	228	27.70	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45	25	51	40	34.38	cps
Phosphorus	31-2	117	192	233	181	32.74	cps
Potassium	39-2	19004	18504	18763	18757	1.33	cps
Rhodium	103-1	2963250	2927278	2891576	2927368	1.22	cps
Rhodium	103-2	1537703	1535436	1544197	1539112	0.30	cps
Scandium	45-1	3445628	3459278	3423640	3442849	0.52	cps
Scandium	45-2	189658	190529	191169	190452	0.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	56	54	48	52	7.35	cps
Selenium	82-1	34	9	26	23	54.14	cps
Silicon	28-1	154272	154548	152899	153906	0.57	cps
Silver	109-1	108	42	50	67	54.49	cps
Silver	107-1	58	92	67	72	24.02	cps
Sodium	23-2	18095	17878	17703	17892	1.10	cps
Strontium	86-1	233	167	233	211	18.23	cps
Strontium	88-1	183	200	225	203	10.34	cps
Sulfur	34-1	240738	237589	236607	238311	0.91	cps
Terbium	159-1	3837824	3834729	3778067	3816874	0.88	cps
Terbium	159-2	2080479	2065003	2065315	2070266	0.43	cps
Thallium	203-1	67	75	108	83	26.46	cps
Thallium	205-1	333	183	267	261	28.78	cps
Thorium	232-1	228	267	267	254	8.85	cps
Tin	118-1	217	258	225	233	9.45	cps
Titanium	47-1	67	83	58	69	18.33	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	0	3	13	6	124.93	cps
Yttrium	89-1	3933053	3896574	3855759	3895129	0.99	cps
Yttrium	89-2	695989	690894	688317	691733	0.56	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:22:20	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	90	97	98	8.58	cps
Zirconium	90-1	400	400	292	364	17.19	cps
Zirconium	91-1	125	125	58	103	37.45	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:25:56	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1600	1767	1681	4.97	cps
Antimony	121-1	5385	5251	5260	5298	1.41	cps
Arsenic	75-1	880	1020	1138	1013	12.75	cps
Barium	135-1	7002	7469	7511	7327	3.85	cps
Barium	137-1	12890	12314	11897	12367	4.03	cps
Beryllium	9-1	1497	1463	1450	1470	1.64	cps
Bismuth	209-1	2032131	2013347	1996668	2014049	0.88	cps
Bismuth	209-2	1255017	1263816	1282586	1267140	1.11	cps
Boron	10-1	7127	7210	6352	6896	6.87	cps
Boron	11-1	30056	30816	29446	30106	2.28	cps
Cadmium	111-1	1653	1727	1477	1619	7.93	cps
Cadmium	106-1	1442	1417	1175	1345	10.96	cps
Cadmium	108-1	50	63	71	61	17.16	cps
Calcium	43-1	8303	8036	8161	8166	1.63	cps
Calcium	44-1	143119	139595	137551	140089	2.01	cps
Chromium	52-2	3734	3774	3747	3752	0.54	cps
Cobalt	59-2	2090	2147	2264	2167	4.08	cps
Copper	63-2	2950	3010	3077	3013	2.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	0	25	0	8	173.21	cps
Gadolinium	160-2	47	47	70	54	24.74	cps
Holmium	165-1	3609097	3582480	3580786	3590787	0.44	cps
Holmium	165-2	2017606	2008833	2035930	2020790	0.68	cps
Indium	115-1	2894186	2865816	2870003	2876668	0.53	cps
Indium	115-2	704831	710405	712539	709258	0.56	cps
Iron	56-2	70552	70218	71451	70741	0.90	cps
Iron	57-2	1928	1917	2095	1980	5.03	cps
Krypton	83-1	150	153	147	150	2.22	cps
Lead	206-1	2567	2395	2595	2519	4.30	cps
Lead	207-1	2289	2072	1961	2108	7.91	cps
Lead	208-1	10046	9524	9624	9731	2.85	cps
Lithium	6-1	1920233	1896165	1888757	1901718	0.87	cps
Magnesium	24-2	83172	83499	82603	83091	0.55	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:25:56	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	997	997	1033	1009	2.10	cps
Molybdenum	94-1	7852	7894	7361	7702	3.85	cps
Molybdenum	95-1	9512	9303	8895	9237	3.40	cps
Molybdenum	96-1	9971	10221	10704	10299	3.62	cps
Molybdenum	97-1	6202	5793	5952	5982	3.44	cps
Molybdenum	98-1	14491	14858	14566	14639	1.33	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	658	807	743	736	10.16	cps
Phosphorus	31-2	342	433	392	389	11.80	cps
Potassium	39-2	93510	93804	94752	94022	0.69	cps
Rhodium	103-1	2969765	2952138	2973135	2965013	0.38	cps
Rhodium	103-2	1545652	1555868	1559642	1553721	0.47	cps
Scandium	45-1	3512106	3501373	3465328	3492936	0.70	cps
Scandium	45-2	192685	191983	192884	192517	0.25	cps
Selenium	77-2	30	7	23	20	60.08	cps
Selenium	78-2	135	119	102	119	14.07	cps
Selenium	82-1	366	355	347	356	2.66	cps
Silicon	28-1	190134	190083	189997	190071	0.04	cps
Silver	109-1	3642	3417	3351	3470	4.41	cps
Silver	107-1	3659	3459	3634	3584	3.04	cps
Sodium	23-2	172741	177194	174248	174728	1.30	cps
Strontium	86-1	1367	1283	1442	1364	5.81	cps
Strontium	88-1	9804	9704	9712	9740	0.57	cps
Sulfur	34-1	237046	239206	233813	236688	1.15	cps
Terbium	159-1	3828675	3811502	3828033	3822737	0.25	cps
Terbium	159-2	2075174	2082194	2101935	2086434	0.67	cps
Thallium	203-1	2750	2392	2184	2442	11.74	cps
Thallium	205-1	5593	5543	5785	5640	2.26	cps
Thorium	232-1	8542	9154	8158	8618	5.82	cps
Tin	118-1	11805	11889	11922	11872	0.51	cps
Titanium	47-1	4009	4026	3776	3937	3.55	cps
Uranium	238-1	8920	8120	8762	8600	4.93	cps
Vanadium	51-2	7369	7525	7245	7380	1.90	cps
Yttrium	89-1	3947624	3881062	3904930	3911205	0.86	cps
Yttrium	89-2	700190	702641	704829	702553	0.33	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:25:56	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	930	900	1023	951	6.76	cps
Zirconium	90-1	6543	6377	6410	6443	1.37	cps
Zirconium	91-1	1525	1350	1217	1364	11.34	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : PB121163BL Instrumnet Name : P7
 Client Sample ID : PB121163BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:29:33 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	183	100	119	47.49	cps
Antimony	121-1	125	100	75	100	25.00	cps
Arsenic	75-1	-35	-39	-41	-38	-7.39	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	8	33	17	19	65.47	cps
Beryllium	9-1	53	50	77	60	24.22	cps
Bismuth	209-1	1941470	1940205	1936342	1939339	0.14	cps
Bismuth	209-2	1231805	1231108	1228757	1230557	0.13	cps
Boron	10-1	1425	1625	1542	1531	6.56	cps
Boron	11-1	6885	6885	6710	6827	1.48	cps
Cadmium	111-1	815	825	802	814	1.44	cps
Cadmium	106-1	1158	1167	1142	1156	1.10	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	108	142	142	131	14.74	cps
Calcium	44-1	11705	11939	12272	11972	2.38	cps
Chromium	52-2	523	580	597	567	6.78	cps
Cobalt	59-2	13	20	30	21	39.75	cps
Copper	63-2	357	357	397	370	6.24	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	67	8	25	33	90.15	cps
Gadolinium	160-2	67	53	47	56	18.33	cps
Holmium	165-1	3450112	3460663	3514580	3475118	1.00	cps
Holmium	165-2	1991220	1964876	1944687	1966927	1.19	cps
Indium	115-1	2757489	2777299	2793915	2776234	0.66	cps
Indium	115-2	694758	701790	691762	696103	0.74	cps
Iron	56-2	3162	2856	2945	2987	5.26	cps
Iron	57-2	272	200	261	244	15.91	cps
Krypton	83-1	130	147	140	139	6.04	cps
Lead	206-1	628	489	444	520	18.38	cps
Lead	207-1	444	400	517	454	12.98	cps
Lead	208-1	2145	2111	2167	2141	1.31	cps
Lithium	6-1	1861756	1843967	1846039	1850587	0.53	cps
Magnesium	24-2	108	108	75	97	19.80	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BL	Instrumnet Name :	P7
Client Sample ID :	PB121163BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:29:33	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	27	13	22	34.66	cps
Molybdenum	94-1	167	200	150	172	14.78	cps
Molybdenum	95-1	83	125	58	89	37.89	cps
Molybdenum	96-1	133	75	150	119	32.97	cps
Molybdenum	97-1	67	117	75	86	31.11	cps
Molybdenum	98-1	200	167	150	172	14.78	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	31	24	29	28	12.30	cps
Phosphorus	31-2	150	158	108	139	19.29	cps
Potassium	39-2	17711	18287	18629	18209	2.55	cps
Rhodium	103-1	2855655	2878077	2890644	2874792	0.62	cps
Rhodium	103-2	1532041	1521439	1503723	1519068	0.94	cps
Scandium	45-1	3370106	3378035	3358846	3368996	0.29	cps
Scandium	45-2	191686	189214	187753	189551	1.05	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	61	48	59	16.21	cps
Selenium	82-1	34	13	19	22	50.26	cps
Silicon	28-1	157159	155391	153959	155503	1.03	cps
Silver	109-1	25	42	25	31	31.50	cps
Silver	107-1	25	67	83	58	51.51	cps
Sodium	23-2	15433	15233	14950	15205	1.60	cps
Strontium	86-1	258	258	267	261	1.84	cps
Strontium	88-1	150	142	158	150	5.56	cps
Sulfur	34-1	237276	236971	236481	236910	0.17	cps
Terbium	159-1	3681155	3684967	3729151	3698425	0.72	cps
Terbium	159-2	2060220	2038321	1988137	2028893	1.82	cps
Thallium	203-1	92	75	50	72	29.04	cps
Thallium	205-1	275	217	175	222	22.60	cps
Thorium	232-1	167	150	128	148	13.17	cps
Tin	118-1	200	242	275	239	15.73	cps
Titanium	47-1	92	100	83	92	9.09	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	3778237	3809803	3812495	3800178	0.50	cps
Yttrium	89-2	697697	686934	682991	689207	1.10	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BL	Instrumnet Name :	P7
Client Sample ID :	PB121163BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:29:33	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	83	120	99	19.17	cps
Zirconium	90-1	400	242	375	339	25.12	cps
Zirconium	91-1	67	75	67	69	6.93	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	672466	672359	674243	673023	0.16	cps
Antimony	121-1	1356375	1358803	1352563	1355914	0.23	cps
Arsenic	75-1	547050	535547	539319	540638	1.08	cps
Barium	135-1	1789907	1803745	1798375	1797343	0.39	cps
Barium	137-1	3110010	3148830	3125134	3127991	0.63	cps
Beryllium	9-1	704998	699625	695661	700094	0.67	cps
Bismuth	209-1	1887204	1889230	1906470	1894301	0.56	cps
Bismuth	209-2	1218861	1231406	1240892	1230386	0.90	cps
Boron	10-1	105518	104981	106751	105750	0.86	cps
Boron	11-1	469671	472017	472485	471391	0.32	cps
Cadmium	111-1	366631	364954	363212	364932	0.47	cps
Cadmium	106-1	41645	41904	41495	41682	0.50	cps
Cadmium	108-1	28755	28157	28203	28372	1.17	cps
Calcium	43-1	819689	832168	821244	824367	0.82	cps
Calcium	44-1	13059277	13050108	13085889	13065091	0.14	cps
Chromium	52-2	806779	821666	818319	815588	0.96	cps
Cobalt	59-2	1056044	1050553	1067588	1058062	0.82	cps
Copper	63-2	1285092	1302700	1300996	1296263	0.75	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	47	57	37	47	21.43	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	33	67	33	44	43.31	cps
Gadolinium	160-2	83	70	53	69	21.83	cps
Holmium	165-1	3520746	3477516	3507608	3501957	0.63	cps
Holmium	165-2	1963753	1968702	1962016	1964823	0.18	cps
Indium	115-1	2669041	2668161	2664168	2667123	0.10	cps
Indium	115-2	662466	679357	681277	674367	1.53	cps
Iron	56-2	32303040	32294557	32179680	32259092	0.21	cps
Iron	57-2	762000	765176	765096	764091	0.24	cps
Krypton	83-1	133	170	83	129	33.75	cps
Lead	206-1	985400	977380	974192	978991	0.59	cps
Lead	207-1	887754	872690	882772	881072	0.87	cps
Lead	208-1	3938458	3923428	3928921	3930269	0.19	cps
Lithium	6-1	1900629	1879269	1877263	1885720	0.69	cps
Magnesium	24-2	7866406	7911512	7887700	7888539	0.29	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	942892	944840	949402	945711	0.35	cps
Molybdenum	94-1	4142397	4151061	4171412	4154957	0.36	cps
Molybdenum	95-1	5406331	5484910	5491763	5461001	0.87	cps
Molybdenum	96-1	5947753	5909300	5960899	5939317	0.45	cps
Molybdenum	97-1	3287815	3276949	3317727	3294164	0.64	cps
Molybdenum	98-1	8612636	8561970	8666057	8613554	0.60	cps
Neodymium	150-1	113	153	93	120	25.46	cps
Neodymium	150-2	23	23	7	18	54.11	cps
Nickel	60-2	314954	317262	319232	317149	0.68	cps
Phosphorus	31-2	40130	39628	40305	40021	0.88	cps
Potassium	39-2	3689824	3658763	3638641	3662410	0.70	cps
Rhodium	103-1	2704613	2689494	2712622	2702243	0.43	cps
Rhodium	103-2	1441891	1472657	1470160	1461570	1.17	cps
Scandium	45-1	3296206	3278241	3291496	3288648	0.28	cps
Scandium	45-2	183059	185617	185758	184811	0.82	cps
Selenium	77-2	1937	2134	2120	2064	5.33	cps
Selenium	78-2	7030	7109	7541	7227	3.81	cps
Selenium	82-1	34315	34630	34405	34450	0.47	cps
Silicon	28-1	2692376	2775773	2796976	2755042	2.01	cps
Silver	109-1	1626048	1609216	1613528	1616264	0.54	cps
Silver	107-1	1704576	1687956	1710919	1701150	0.70	cps
Sodium	23-2	15604616	15529333	15460505	15531485	0.46	cps
Strontium	86-1	573112	570433	570284	571276	0.28	cps
Strontium	88-1	4848022	4834420	4918724	4867055	0.93	cps
Sulfur	34-1	516498	500562	503194	506752	1.69	cps
Terbium	159-1	3731602	3751369	3708860	3730610	0.57	cps
Terbium	159-2	2029361	2033142	2019755	2027419	0.34	cps
Thallium	203-1	1204317	1202852	1188133	1198434	0.75	cps
Thallium	205-1	2872351	2857401	2859932	2863228	0.28	cps
Thorium	232-1	4624153	4623512	4705235	4650967	1.01	cps
Tin	118-1	1136154	1126252	1114916	1125774	0.94	cps
Titanium	47-1	2143426	2230148	2230082	2201219	2.27	cps
Uranium	238-1	4504759	4537275	4542400	4528145	0.45	cps
Vanadium	51-2	705775	707906	707763	707148	0.17	cps
Yttrium	89-1	3712642	3699694	3728904	3713747	0.39	cps
Yttrium	89-2	675384	676020	682924	678109	0.62	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	PB121163BS	Instrumnet Name :	P7
Client Sample ID :	PB121163BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:33:09	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	198898	200074	198245	199072	0.47	cps
Zirconium	90-1	3122287	3139625	3200698	3154203	1.31	cps
Zirconium	91-1	690845	690276	690029	690383	0.06	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2792	2459	2459	2570	7.49	cps
Antimony	121-1	2200	2392	2309	2300	4.18	cps
Arsenic	75-1	164	123	153	147	14.36	cps
Barium	135-1	18079	16327	17170	17192	5.10	cps
Barium	137-1	29449	30008	28221	29226	3.13	cps
Beryllium	9-1	430	447	463	447	3.73	cps
Bismuth	209-1	1903452	1953918	1946182	1934517	1.40	cps
Bismuth	209-2	1194171	1219114	1243180	1218822	2.01	cps
Boron	10-1	7535	7069	6677	7094	6.06	cps
Boron	11-1	32712	31868	31025	31868	2.65	cps
Cadmium	111-1	1013	863	813	897	11.63	cps
Cadmium	106-1	1358	1150	1100	1203	11.39	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	247049	246946	245088	246361	0.45	cps
Calcium	44-1	3902107	3901045	3867390	3890181	0.51	cps
Chromium	52-2	15935	16109	16002	16016	0.55	cps
Cobalt	59-2	753	703	803	753	6.64	cps
Copper	63-2	352545	354265	356057	354289	0.50	cps
Dysprosium	156-1	1533	1442	1467	1481	3.20	cps
Dysprosium	156-2	897	853	893	881	2.74	cps
Erbium	164-1	2000	2042	1992	2011	1.33	cps
Erbium	164-2	1020	1183	1120	1108	7.43	cps
Gadolinium	160-1	1775	1492	1617	1628	8.72	cps
Gadolinium	160-2	1120	993	1090	1068	6.20	cps
Holmium	165-1	3407172	3510460	3523730	3480454	1.83	cps
Holmium	165-2	1911498	1929909	1963747	1935051	1.37	cps
Indium	115-1	2670589	2755359	2725574	2717174	1.58	cps
Indium	115-2	655821	673217	677305	668781	1.71	cps
Iron	56-2	4586338	4496482	4547461	4543427	0.99	cps
Iron	57-2	109097	108885	107978	108653	0.55	cps
Krypton	83-1	180	147	127	151	17.83	cps
Lead	206-1	270514	263257	263808	265860	1.52	cps
Lead	207-1	222836	212682	213637	216385	2.59	cps
Lead	208-1	1037324	992023	992921	1007423	2.57	cps
Lithium	6-1	1842481	1848044	1832598	1841041	0.42	cps
Magnesium	24-2	879681	862694	868384	870253	0.99	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16640	16556	16683	16626	0.39	cps
Molybdenum	94-1	883	1000	967	950	6.33	cps
Molybdenum	95-1	1208	1183	1250	1214	2.77	cps
Molybdenum	96-1	1667	1325	1108	1367	20.60	cps
Molybdenum	97-1	867	692	608	722	18.26	cps
Molybdenum	98-1	2142	1759	1583	1828	15.63	cps
Neodymium	150-1	1507	1587	1814	1636	9.73	cps
Neodymium	150-2	793	750	720	754	4.89	cps
Nickel	60-2	15309	15211	15446	15322	0.77	cps
Phosphorus	31-2	1133	1175	1192	1167	2.58	cps
Potassium	39-2	208758	209705	212601	210355	0.95	cps
Rhodium	103-1	2710364	2784183	2811516	2768687	1.89	cps
Rhodium	103-2	1420170	1465675	1494332	1460059	2.56	cps
Scandium	45-1	3182111	3287832	3311037	3260327	2.11	cps
Scandium	45-2	177417	180789	184926	181044	2.08	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	65	37	52	51	27.13	cps
Selenium	82-1	9	26	41	25	63.64	cps
Silicon	28-1	28554705	28489527	28331127	28458453	0.40	cps
Silver	109-1	767	733	750	750	2.22	cps
Silver	107-1	850	842	733	808	8.05	cps
Sodium	23-2	3307204	3276017	3279095	3287439	0.52	cps
Strontium	86-1	134895	131792	132499	133062	1.22	cps
Strontium	88-1	1136912	1116730	1112515	1122052	1.16	cps
Sulfur	34-1	321057	320427	318744	320076	0.37	cps
Terbium	159-1	3628968	3717690	3698184	3681614	1.27	cps
Terbium	159-2	1947068	1999268	2025254	1990530	2.00	cps
Thallium	203-1	233	300	133	222	37.75	cps
Thallium	205-1	767	692	625	694	10.21	cps
Thorium	232-1	1250	1383	1178	1270	8.21	cps
Tin	118-1	109004	106745	105511	107087	1.65	cps
Titanium	47-1	1150	1117	925	1064	11.41	cps
Uranium	238-1	525	542	317	461	27.19	cps
Vanadium	51-2	690	617	647	651	5.66	cps
Yttrium	89-1	3689500	3784383	3784766	3752883	1.46	cps
Yttrium	89-2	651662	671055	685039	669252	2.50	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3655-01	Instrumnet Name :	P7
Client Sample ID :	390628118.9-TANK	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:36:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10671	10317	10854	10614	2.57	cps
Zirconium	90-1	742	717	683	714	4.10	cps
Zirconium	91-1	167	167	133	156	12.37	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:40:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2026	1875	2031	7.81	cps
Antimony	121-1	300	258	417	325	25.25	cps
Arsenic	75-1	26	74	-10	30	139.68	cps
Barium	135-1	7819	7444	7486	7583	2.71	cps
Barium	137-1	14149	13340	12857	13449	4.86	cps
Beryllium	9-1	103	127	130	120	12.11	cps
Bismuth	209-1	1969128	1970378	1958635	1966047	0.33	cps
Bismuth	209-2	1213543	1222012	1237511	1224356	0.99	cps
Boron	10-1	4434	3909	4067	4137	6.51	cps
Boron	11-1	20381	19872	19071	19775	3.34	cps
Cadmium	111-1	830	801	869	833	4.09	cps
Cadmium	106-1	1167	1117	1250	1178	5.72	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	3117	3251	3175	3181	2.10	cps
Calcium	44-1	62332	61704	60951	61662	1.12	cps
Chromium	52-2	957	923	960	947	2.14	cps
Cobalt	59-2	1147	1067	1180	1131	5.15	cps
Copper	63-2	24564	25202	25312	25026	1.61	cps
Dysprosium	156-1	83	108	158	117	32.73	cps
Dysprosium	156-2	47	57	50	51	9.96	cps
Erbium	164-1	33	83	142	86	62.97	cps
Erbium	164-2	47	27	23	32	39.17	cps
Gadolinium	160-1	125	125	117	122	3.94	cps
Gadolinium	160-2	113	100	87	100	13.33	cps
Holmium	165-1	3526957	3531139	3489202	3515766	0.66	cps
Holmium	165-2	1932752	1963016	1937489	1944419	0.84	cps
Indium	115-1	2770741	2779949	2767463	2772718	0.23	cps
Indium	115-2	666470	674844	674844	672053	0.72	cps
Iron	56-2	34112	46215	41378	40568	15.02	cps
Iron	57-2	1178	1072	939	1063	11.27	cps
Krypton	83-1	167	177	120	154	19.58	cps
Lead	206-1	1117	1206	1211	1178	4.50	cps
Lead	207-1	1072	983	1117	1057	6.42	cps
Lead	208-1	4589	4417	4923	4643	5.54	cps
Lithium	6-1	1855506	1852550	1830855	1846304	0.73	cps
Magnesium	24-2	54349	54625	53145	54040	1.46	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:40:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2780	2984	2787	2850	4.05	cps
Molybdenum	94-1	450	350	317	372	18.64	cps
Molybdenum	95-1	225	233	133	197	28.13	cps
Molybdenum	96-1	317	242	275	278	13.53	cps
Molybdenum	97-1	167	200	225	197	14.84	cps
Molybdenum	98-1	308	450	392	383	18.57	cps
Neodymium	150-1	120	180	73	124	42.97	cps
Neodymium	150-2	53	57	60	57	5.89	cps
Nickel	60-2	1463	1395	1369	1409	3.43	cps
Phosphorus	31-2	192	250	158	200	23.20	cps
Potassium	39-2	59871	60783	60239	60298	0.76	cps
Rhodium	103-1	2826245	2839661	2814060	2826655	0.45	cps
Rhodium	103-2	1459555	1494706	1479786	1478016	1.19	cps
Scandium	45-1	3329215	3274437	3265713	3289788	1.05	cps
Scandium	45-2	177870	183937	181637	181148	1.69	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	20	46	50	39	41.51	cps
Selenium	82-1	-14	-27	54	4	989.34	cps
Silicon	28-1	8295102	8210391	8183984	8229826	0.71	cps
Silver	109-1	42	75	75	64	30.12	cps
Silver	107-1	92	25	83	67	54.49	cps
Sodium	23-2	726281	733166	730587	730011	0.48	cps
Strontium	86-1	3867	3942	3959	3923	1.25	cps
Strontium	88-1	31844	32480	31436	31920	1.65	cps
Sulfur	34-1	196824	192106	186967	191966	2.57	cps
Terbium	159-1	3747123	3763898	3679120	3730047	1.20	cps
Terbium	159-2	2014104	2021708	2003496	2013103	0.45	cps
Thallium	203-1	133	92	100	108	20.35	cps
Thallium	205-1	175	267	275	239	23.23	cps
Thorium	232-1	422	467	439	443	5.07	cps
Tin	118-1	433	425	400	419	4.14	cps
Titanium	47-1	483	408	425	439	8.97	cps
Uranium	238-1	108	250	200	186	38.60	cps
Vanadium	51-2	27	63	67	52	42.50	cps
Yttrium	89-1	3765955	3764500	3738241	3756232	0.42	cps
Yttrium	89-2	654676	663964	666543	661727	0.94	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:40:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4134	4014	4144	4097	1.77	cps
Zirconium	90-1	858	742	642	747	14.51	cps
Zirconium	91-1	167	83	183	144	37.09	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2894	2292	3153	2780	15.89	cps
Antimony	121-1	175	167	150	164	7.77	cps
Arsenic	75-1	8	-12	66	21	198.40	cps
Barium	135-1	7828	7502	7728	7686	2.17	cps
Barium	137-1	12823	12665	12907	12798	0.96	cps
Beryllium	9-1	127	107	113	116	8.81	cps
Bismuth	209-1	1966709	1969456	1979224	1971796	0.33	cps
Bismuth	209-2	1248470	1238669	1262856	1249998	0.97	cps
Boron	10-1	3217	3417	3626	3420	5.97	cps
Boron	11-1	15750	16143	15725	15873	1.47	cps
Cadmium	111-1	815	743	749	769	5.26	cps
Cadmium	106-1	1133	1025	1050	1070	5.30	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	3192	3392	3226	3270	3.28	cps
Calcium	44-1	63612	61412	64265	63096	2.37	cps
Chromium	52-2	893	907	1027	942	7.79	cps
Cobalt	59-2	1150	1160	1223	1178	3.38	cps
Copper	63-2	25092	25219	25833	25381	1.56	cps
Dysprosium	156-1	58	83	117	86	33.98	cps
Dysprosium	156-2	57	60	43	53	16.54	cps
Erbium	164-1	67	75	100	81	21.53	cps
Erbium	164-2	57	40	33	43	27.74	cps
Gadolinium	160-1	92	92	42	75	38.49	cps
Gadolinium	160-2	97	80	113	97	17.24	cps
Holmium	165-1	3523778	3514244	3506225	3514749	0.25	cps
Holmium	165-2	2015430	1988405	2015546	2006461	0.78	cps
Indium	115-1	2791733	2765965	2765810	2774503	0.54	cps
Indium	115-2	685397	694950	702626	694324	1.24	cps
Iron	56-2	38242	37648	35307	37066	4.19	cps
Iron	57-2	1017	861	1128	1002	13.37	cps
Krypton	83-1	127	117	140	128	9.16	cps
Lead	206-1	1222	1300	1317	1280	3.94	cps
Lead	207-1	1033	900	1011	982	7.28	cps
Lead	208-1	4906	4412	4834	4717	5.66	cps
Lithium	6-1	1842199	1833629	1828085	1834638	0.39	cps
Magnesium	24-2	54399	53739	55211	54450	1.35	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3010	3004	3097	3037	1.71	cps
Molybdenum	94-1	342	283	408	344	18.16	cps
Molybdenum	95-1	142	100	150	131	20.52	cps
Molybdenum	96-1	217	225	142	194	23.61	cps
Molybdenum	97-1	125	117	83	108	20.35	cps
Molybdenum	98-1	242	267	208	239	12.25	cps
Neodymium	150-1	93	87	153	111	33.04	cps
Neodymium	150-2	50	63	80	64	23.32	cps
Nickel	60-2	1360	1402	1433	1399	2.62	cps
Phosphorus	31-2	183	217	200	200	8.33	cps
Potassium	39-2	59771	60525	62080	60792	1.94	cps
Rhodium	103-1	2859401	2854411	2851804	2855205	0.14	cps
Rhodium	103-2	1516448	1518302	1541195	1525315	0.90	cps
Scandium	45-1	3310524	3309445	3282188	3300719	0.49	cps
Scandium	45-2	184675	186312	190502	187163	1.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	61	59	43	54	18.78	cps
Selenium	82-1	47	44	-2	30	91.82	cps
Silicon	28-1	8121062	8180047	8097839	8132983	0.52	cps
Silver	109-1	75	67	67	69	6.93	cps
Silver	107-1	142	50	67	86	56.70	cps
Sodium	23-2	729995	736439	736590	734341	0.51	cps
Strontium	86-1	4009	4017	3984	4004	0.43	cps
Strontium	88-1	32788	32747	32855	32797	0.17	cps
Sulfur	34-1	174704	172183	172293	173060	0.82	cps
Terbium	159-1	3726338	3767651	3712015	3735335	0.77	cps
Terbium	159-2	2083352	2043241	2069645	2065413	0.99	cps
Thallium	203-1	108	67	67	81	29.86	cps
Thallium	205-1	242	258	233	244	5.21	cps
Thorium	232-1	189	206	228	207	9.41	cps
Tin	118-1	300	417	417	378	17.83	cps
Titanium	47-1	425	333	358	372	12.73	cps
Uranium	238-1	175	142	175	164	11.74	cps
Vanadium	51-2	50	73	43	56	28.36	cps
Yttrium	89-1	3825268	3785648	3763151	3791356	0.83	cps
Yttrium	89-2	682085	678032	691225	683780	0.99	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01DUP	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:43:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4097	4071	4141	4103	0.86	cps
Zirconium	90-1	583	642	675	633	7.33	cps
Zirconium	91-1	92	208	142	147	39.76	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834	692	1109	878	24.16	cps
Antimony	121-1	100	108	125	111	11.46	cps
Arsenic	75-1	-4	-78	-67	-50	-79.96	cps
Barium	135-1	1275	1659	1342	1425	14.37	cps
Barium	137-1	2634	2867	2692	2731	4.45	cps
Beryllium	9-1	90	100	107	99	8.48	cps
Bismuth	209-1	1871481	1945412	1966269	1927721	2.58	cps
Bismuth	209-2	1260213	1242476	1248860	1250516	0.72	cps
Boron	10-1	1950	2200	2042	2064	6.13	cps
Boron	11-1	9979	9395	9512	9628	3.21	cps
Cadmium	111-1	736	823	856	805	7.72	cps
Cadmium	106-1	1033	1150	1192	1125	7.30	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	817	808	725	783	6.47	cps
Calcium	44-1	22059	21425	22685	22056	2.86	cps
Chromium	52-2	693	640	623	652	5.61	cps
Cobalt	59-2	203	230	200	211	7.79	cps
Copper	63-2	5258	5364	5594	5406	3.18	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	58	17	17	31	78.72	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	110	57	67	78	36.45	cps
Holmium	165-1	3391566	3487714	3505870	3461717	1.77	cps
Holmium	165-2	2040637	2004372	2012361	2019123	0.94	cps
Indium	115-1	2709837	2770271	2781773	2753960	1.40	cps
Indium	115-2	710770	708586	708029	709128	0.20	cps
Iron	56-2	12010	10185	10036	10744	10.23	cps
Iron	57-2	406	406	500	437	12.48	cps
Krypton	83-1	173	123	133	143	18.46	cps
Lead	206-1	500	600	506	535	10.50	cps
Lead	207-1	444	428	439	437	1.94	cps
Lead	208-1	1967	1989	2039	1998	1.85	cps
Lithium	6-1	1780400	1802724	1806781	1796635	0.79	cps
Magnesium	24-2	10788	11255	10579	10874	3.18	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	563	637	557	586	7.58	cps
Molybdenum	94-1	167	200	125	164	22.93	cps
Molybdenum	95-1	83	100	150	111	31.23	cps
Molybdenum	96-1	175	108	108	131	29.48	cps
Molybdenum	97-1	75	75	33	61	39.37	cps
Molybdenum	98-1	192	108	150	150	27.78	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	320	315	327	321	1.96	cps
Phosphorus	31-2	167	150	175	164	7.77	cps
Potassium	39-2	26049	24863	26265	25726	2.93	cps
Rhodium	103-1	2772189	2841354	2872150	2828564	1.81	cps
Rhodium	103-2	1549892	1541900	1558324	1550039	0.53	cps
Scandium	45-1	3213151	3269305	3309844	3264100	1.49	cps
Scandium	45-2	188489	187197	188613	188100	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	48	63	59	16.54	cps
Selenium	82-1	-23	50	27	18	205.64	cps
Silicon	28-1	1706534	1679012	1694176	1693241	0.81	cps
Silver	109-1	17	33	17	22	43.28	cps
Silver	107-1	33	17	8	19	65.47	cps
Sodium	23-2	153108	156544	154918	154857	1.11	cps
Strontium	86-1	867	1083	792	914	16.57	cps
Strontium	88-1	6802	6443	6410	6552	3.32	cps
Sulfur	34-1	179028	178910	182359	180099	1.09	cps
Terbium	159-1	3614054	3739219	3709241	3687505	1.77	cps
Terbium	159-2	2088949	2068977	2075499	2077808	0.49	cps
Thallium	203-1	58	50	67	58	14.29	cps
Thallium	205-1	108	83	133	108	23.08	cps
Thorium	232-1	172	189	217	193	11.66	cps
Tin	118-1	217	233	250	233	7.14	cps
Titanium	47-1	175	83	233	164	46.14	cps
Uranium	238-1	67	25	0	31	110.22	cps
Vanadium	51-2	20	13	33	22	45.83	cps
Yttrium	89-1	3661560	3768791	3772250	3734200	1.69	cps
Yttrium	89-2	697720	695507	696938	696722	0.16	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01LX5	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 14:47:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	860	950	963	924	6.08	cps
Zirconium	90-1	458	417	525	467	11.72	cps
Zirconium	91-1	50	100	92	81	33.25	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01MS Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:51:12 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128927	127171	130374	128824	1.24	cps
Antimony	121-1	2218964	2204177	2222639	2215260	0.44	cps
Arsenic	75-1	666126	661203	654793	660707	0.86	cps
Barium	135-1	153119	149750	150373	151081	1.19	cps
Barium	137-1	269018	258074	268055	265049	2.29	cps
Beryllium	9-1	281373	280421	281635	281143	0.23	cps
Bismuth	209-1	1993711	2005111	1992279	1997034	0.35	cps
Bismuth	209-2	1258855	1272824	1274913	1268864	0.69	cps
Boron	10-1	64455	63911	65074	64480	0.90	cps
Boron	11-1	286948	294602	292781	291444	1.37	cps
Cadmium	111-1	148647	147700	146758	147702	0.64	cps
Cadmium	106-1	14992	14141	13766	14299	4.39	cps
Cadmium	108-1	9933	9691	9729	9784	1.33	cps
Calcium	43-1	22076	21383	21450	21636	1.77	cps
Calcium	44-1	346079	338014	338750	340948	1.31	cps
Chromium	52-2	651752	658856	655688	655432	0.54	cps
Cobalt	59-2	430743	434032	432734	432503	0.38	cps
Copper	63-2	436068	437445	439262	437592	0.37	cps
Dysprosium	156-1	146891	142046	144456	144464	1.68	cps
Dysprosium	156-2	63687	65479	64681	64616	1.39	cps
Erbium	164-1	133	108	117	119	10.66	cps
Erbium	164-2	73	57	50	60	20.03	cps
Gadolinium	160-1	125	183	125	144	23.31	cps
Gadolinium	160-2	160	123	127	137	14.83	cps
Holmium	165-1	3610449	3625310	3620019	3618593	0.21	cps
Holmium	165-2	2003308	2009733	2014787	2009276	0.29	cps
Indium	115-1	2792417	2784421	2798525	2791788	0.25	cps
Indium	115-2	683009	691182	688524	687572	0.61	cps
Iron	56-2	3901524	3923383	3939269	3921392	0.48	cps
Iron	57-2	92506	94105	94363	93658	1.07	cps
Krypton	83-1	147	133	143	141	4.92	cps
Lead	206-1	2033617	2035832	2036489	2035313	0.07	cps
Lead	207-1	1775174	1755174	1734784	1755044	1.15	cps
Lead	208-1	8050949	7994102	7961459	8002170	0.57	cps
Lithium	6-1	1987831	1966366	1960887	1971695	0.72	cps
Magnesium	24-2	371609	376001	377662	375091	0.83	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MS	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:51:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189939	192059	192768	191589	0.77	cps
Molybdenum	94-1	416957	416218	416173	416449	0.11	cps
Molybdenum	95-1	735421	714350	726348	725373	1.46	cps
Molybdenum	96-1	782754	766209	764702	771222	1.30	cps
Molybdenum	97-1	459113	449085	455482	454560	1.12	cps
Molybdenum	98-1	1147720	1140067	1146429	1144739	0.36	cps
Neodymium	150-1	127	200	153	160	23.20	cps
Neodymium	150-2	83	37	63	61	38.31	cps
Nickel	60-2	287268	290179	290826	289424	0.65	cps
Phosphorus	31-2	22685	22584	23277	22849	1.64	cps
Potassium	39-2	1523264	1519123	1533576	1525321	0.49	cps
Rhodium	103-1	2896256	2885073	2907761	2896363	0.39	cps
Rhodium	103-2	1520015	1534580	1536111	1530235	0.58	cps
Scandium	45-1	3343657	3324787	3391123	3353189	1.02	cps
Scandium	45-2	184894	187344	187159	186466	0.73	cps
Selenium	77-2	8249	8383	8202	8278	1.13	cps
Selenium	78-2	28168	27786	27396	27783	1.39	cps
Selenium	82-1	138321	137124	137100	137515	0.51	cps
Silicon	28-1	12515668	12189351	12205240	12303420	1.50	cps
Silver	109-1	258009	256372	254118	256166	0.76	cps
Silver	107-1	270728	264950	267851	267843	1.08	cps
Sodium	23-2	1665309	1682951	1680459	1676240	0.57	cps
Strontium	86-1	233829	230711	230707	231749	0.78	cps
Strontium	88-1	2000951	1962649	1989489	1984363	0.99	cps
Sulfur	34-1	179831	176676	175378	177295	1.29	cps
Terbium	159-1	3827457	3825815	3888973	3847415	0.94	cps
Terbium	159-2	2083268	2061348	2090337	2078317	0.73	cps
Thallium	203-1	4898906	4923552	4902129	4908195	0.27	cps
Thallium	205-1	11590473	11749344	11634110	11657976	0.70	cps
Thorium	232-1	511	439	461	470	7.86	cps
Tin	118-1	1647693	1641166	1599902	1629587	1.59	cps
Titanium	47-1	152273	148556	151285	150705	1.28	cps
Uranium	238-1	75	133	167	125	37.12	cps
Vanadium	51-2	413405	417831	420745	417327	0.89	cps
Yttrium	89-1	3853989	3809493	3867757	3843747	0.79	cps
Yttrium	89-2	686771	690659	696260	691230	0.69	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MS	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:51:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44377	43996	44160	44178	0.43	cps
Zirconium	90-1	1717	3244	1709	2223	39.77	cps
Zirconium	91-1	592	758	650	667	12.69	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01MSD Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:54:49 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124944	128280	130103	127775	2.05	cps
Antimony	121-1	2189550	2175219	2214171	2192980	0.90	cps
Arsenic	75-1	645269	653741	654238	651083	0.77	cps
Barium	135-1	151923	148158	151931	150670	1.44	cps
Barium	137-1	265573	262162	263390	263709	0.66	cps
Beryllium	9-1	279660	280630	281256	280515	0.29	cps
Bismuth	209-1	1932273	1954153	1972018	1952815	1.02	cps
Bismuth	209-2	1392922	1315301	1297342	1335188	3.80	cps
Boron	10-1	67929	66573	69302	67934	2.01	cps
Boron	11-1	300222	302915	309472	304203	1.56	cps
Cadmium	111-1	147554	148278	144369	146733	1.42	cps
Cadmium	106-1	14575	14550	13006	14044	6.40	cps
Cadmium	108-1	10004	9478	9587	9690	2.86	cps
Calcium	43-1	22885	22810	21692	22462	2.98	cps
Calcium	44-1	338797	342654	338956	340135	0.64	cps
Chromium	52-2	636380	654406	649418	646735	1.44	cps
Cobalt	59-2	424711	427834	435782	429442	1.33	cps
Copper	63-2	423122	432350	436796	430756	1.62	cps
Dysprosium	156-1	144276	144386	144565	144409	0.10	cps
Dysprosium	156-2	62033	64748	64872	63884	2.51	cps
Erbium	164-1	117	100	58	92	32.77	cps
Erbium	164-2	47	53	57	52	9.75	cps
Gadolinium	160-1	158	208	133	167	22.91	cps
Gadolinium	160-2	127	127	147	133	8.66	cps
Holmium	165-1	3439928	3524764	3523693	3496128	1.39	cps
Holmium	165-2	2280624	2077557	2025019	2127733	6.34	cps
Indium	115-1	2675185	2681003	2702509	2686232	0.54	cps
Indium	115-2	761690	710763	694614	722356	4.85	cps
Iron	56-2	3840831	3903798	3904980	3883203	0.95	cps
Iron	57-2	90293	92981	92031	91769	1.49	cps
Krypton	83-1	150	133	123	136	9.94	cps
Lead	206-1	2028936	2048346	2045640	2040974	0.52	cps
Lead	207-1	1759924	1750516	1792227	1767555	1.24	cps
Lead	208-1	8028312	8041206	8119285	8062935	0.61	cps
Lithium	6-1	1944469	1964160	1958178	1955602	0.52	cps
Magnesium	24-2	365094	372724	375063	370960	1.41	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MSD	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:54:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185786	188875	190421	188361	1.25	cps
Molybdenum	94-1	405671	408110	416254	410012	1.35	cps
Molybdenum	95-1	723563	710477	718709	717583	0.92	cps
Molybdenum	96-1	766118	759949	760134	762067	0.46	cps
Molybdenum	97-1	442593	447626	443579	444599	0.60	cps
Molybdenum	98-1	1129883	1125892	1124881	1126885	0.23	cps
Neodymium	150-1	127	153	207	162	25.11	cps
Neodymium	150-2	47	87	83	72	30.73	cps
Nickel	60-2	281593	288828	288658	286360	1.44	cps
Phosphorus	31-2	22075	22451	22610	22379	1.23	cps
Potassium	39-2	1474191	1508752	1515693	1499546	1.48	cps
Rhodium	103-1	2742373	2757474	2798641	2766163	1.05	cps
Rhodium	103-2	1643555	1574756	1548563	1588958	3.09	cps
Scandium	45-1	3174195	3228294	3280447	3227645	1.65	cps
Scandium	45-2	206541	191545	187010	195032	5.24	cps
Selenium	77-2	7992	7942	7962	7966	0.32	cps
Selenium	78-2	27023	27322	27736	27360	1.31	cps
Selenium	82-1	135497	135222	136519	135746	0.50	cps
Silicon	28-1	12037215	12114043	12167489	12106249	0.54	cps
Silver	109-1	254428	250798	251991	252406	0.73	cps
Silver	107-1	267179	262949	265981	265369	0.82	cps
Sodium	23-2	1618060	1667211	1677360	1654210	1.92	cps
Strontium	86-1	234114	233967	231800	233294	0.56	cps
Strontium	88-1	1965435	1978191	1995330	1979652	0.76	cps
Sulfur	34-1	175446	172267	171333	173015	1.25	cps
Terbium	159-1	3694985	3729340	3744872	3723066	0.69	cps
Terbium	159-2	2345427	2154559	2102190	2200725	5.82	cps
Thallium	203-1	4913716	4941256	4995888	4950287	0.84	cps
Thallium	205-1	11612316	11653492	11748652	11671487	0.60	cps
Thorium	232-1	294	394	239	309	25.49	cps
Tin	118-1	1604501	1578738	1626736	1603325	1.50	cps
Titanium	47-1	148979	147909	146587	147825	0.81	cps
Uranium	238-1	142	158	158	153	6.30	cps
Vanadium	51-2	407321	416679	410775	411592	1.15	cps
Yttrium	89-1	3672611	3689380	3732789	3698260	0.84	cps
Yttrium	89-2	763943	703780	692604	720109	5.33	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01MSD	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:54:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43261	44665	44795	44240	1.92	cps
Zirconium	90-1	1475	1592	1533	1533	3.81	cps
Zirconium	91-1	558	533	467	519	9.12	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01A Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:58:26 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129094	126483	127053	127544	1.08	cps
Antimony	121-1	2190676	2177813	2193645	2187378	0.38	cps
Arsenic	75-1	652361	645852	651074	649763	0.53	cps
Barium	135-1	150743	151003	150220	150655	0.26	cps
Barium	137-1	263446	262268	263360	263025	0.25	cps
Beryllium	9-1	282705	277047	282549	280767	1.15	cps
Bismuth	209-1	2043251	2008008	2043971	2031744	1.01	cps
Bismuth	209-2	1257751	1228385	1268297	1251477	1.65	cps
Boron	10-1	68665	67753	71318	69246	2.67	cps
Boron	11-1	306951	308785	313656	309797	1.12	cps
Cadmium	111-1	148285	141751	146137	145391	2.29	cps
Cadmium	106-1	13740	13732	14358	13944	2.57	cps
Cadmium	108-1	10204	9303	9620	9709	4.71	cps
Calcium	43-1	21441	21216	22209	21622	2.41	cps
Calcium	44-1	339975	334018	340891	338295	1.10	cps
Chromium	52-2	640523	631606	636614	636248	0.70	cps
Cobalt	59-2	426714	420617	421722	423018	0.77	cps
Copper	63-2	426257	426744	428861	427287	0.32	cps
Dysprosium	156-1	144479	141642	144429	143516	1.13	cps
Dysprosium	156-2	61899	61371	62435	61901	0.86	cps
Erbium	164-1	108	133	67	103	32.77	cps
Erbium	164-2	67	33	57	52	32.76	cps
Gadolinium	160-1	133	133	200	156	24.74	cps
Gadolinium	160-2	147	127	127	133	8.66	cps
Holmium	165-1	3672603	3637258	3664395	3658085	0.51	cps
Holmium	165-2	2000873	1974445	1997540	1990953	0.72	cps
Indium	115-1	2798018	2755472	2787698	2780396	0.80	cps
Indium	115-2	674376	663429	683523	673776	1.49	cps
Iron	56-2	3867718	3808655	3800644	3825673	0.96	cps
Iron	57-2	92048	89623	90634	90768	1.34	cps
Krypton	83-1	150	150	147	149	1.29	cps
Lead	206-1	2034501	2021640	2050364	2035502	0.71	cps
Lead	207-1	1760771	1760499	1786040	1769103	0.83	cps
Lead	208-1	8036605	8006083	8086655	8043114	0.51	cps
Lithium	6-1	2059105	1992302	2027645	2026351	1.65	cps
Magnesium	24-2	371841	365140	365429	367470	1.03	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3656-01A Instrumnet Name : P7
 Client Sample ID : 390627718.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 14:58:26 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187296	185675	185571	186181	0.52	cps
Molybdenum	94-1	413939	409744	406569	410084	0.90	cps
Molybdenum	95-1	722166	716105	710190	716154	0.84	cps
Molybdenum	96-1	775644	753347	756988	761993	1.57	cps
Molybdenum	97-1	454863	438821	442916	445533	1.87	cps
Molybdenum	98-1	1137541	1106697	1121621	1121953	1.37	cps
Neodymium	150-1	180	233	160	191	19.83	cps
Neodymium	150-2	50	73	80	68	23.24	cps
Nickel	60-2	282977	280960	283606	282514	0.49	cps
Phosphorus	31-2	23311	21792	21842	22315	3.87	cps
Potassium	39-2	1501500	1475842	1480903	1486082	0.91	cps
Rhodium	103-1	2896641	2826677	2888471	2870596	1.33	cps
Rhodium	103-2	1517136	1485037	1510101	1504091	1.12	cps
Scandium	45-1	3369330	3313649	3378750	3353909	1.05	cps
Scandium	45-2	184584	179974	182668	182409	1.27	cps
Selenium	77-2	8169	8186	8102	8152	0.54	cps
Selenium	78-2	27064	26983	27504	27184	1.03	cps
Selenium	82-1	136728	132752	134156	134546	1.50	cps
Silicon	28-1	12030457	12029472	12095175	12051702	0.31	cps
Silver	109-1	258260	246464	254520	253081	2.38	cps
Silver	107-1	268384	260686	261458	263509	1.61	cps
Sodium	23-2	1649522	1651852	1636504	1645959	0.50	cps
Strontium	86-1	231386	225343	229703	228811	1.36	cps
Strontium	88-1	1963107	1918927	1973145	1951726	1.48	cps
Sulfur	34-1	174409	172334	174594	173779	0.72	cps
Terbium	159-1	3896811	3792176	3850599	3846529	1.36	cps
Terbium	159-2	2064709	2021005	2071995	2052570	1.34	cps
Thallium	203-1	4933059	4905780	4985007	4941282	0.81	cps
Thallium	205-1	11700605	11655414	11741825	11699282	0.37	cps
Thorium	232-1	233	233	289	252	12.73	cps
Tin	118-1	1587005	1613976	1574655	1591879	1.26	cps
Titanium	47-1	150880	147162	148404	148815	1.27	cps
Uranium	238-1	175	142	158	158	10.53	cps
Vanadium	51-2	411577	407187	405229	407998	0.80	cps
Yttrium	89-1	3865928	3764946	3840432	3823769	1.37	cps
Yttrium	89-2	673764	665545	673262	670857	0.69	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3656-01A	Instrumnet Name :	P7
Client Sample ID :	390627718.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 14:58:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43428	42669	44013	43370	1.55	cps
Zirconium	90-1	1183	1300	1275	1253	4.90	cps
Zirconium	91-1	667	558	425	550	22.01	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3689966	3715077	3674313	3693119	0.56	cps
Antimony	121-1	1300411	1298157	1297840	1298803	0.11	cps
Arsenic	75-1	540871	535875	538516	538421	0.46	cps
Barium	135-1	1756456	1754344	1758459	1756420	0.12	cps
Barium	137-1	3049037	3058832	3041958	3049942	0.28	cps
Beryllium	9-1	675290	669768	679674	674911	0.74	cps
Bismuth	209-1	1888356	1862740	1883164	1878087	0.72	cps
Bismuth	209-2	1187731	1194496	1197959	1193395	0.44	cps
Boron	10-1	105517	107256	106197	106323	0.82	cps
Boron	11-1	475234	481636	478563	478477	0.67	cps
Cadmium	111-1	366557	367566	370254	368126	0.52	cps
Cadmium	106-1	41361	41395	41730	41495	0.49	cps
Cadmium	108-1	28967	28124	28504	28532	1.48	cps
Calcium	43-1	3964573	3974432	4005679	3981561	0.54	cps
Calcium	44-1	63243466	63785901	63594306	63541224	0.43	cps
Chromium	52-2	795180	813525	812114	806940	1.27	cps
Cobalt	59-2	1106907	1132195	1129519	1122874	1.24	cps
Copper	63-2	1332589	1354325	1350428	1345781	0.86	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	47	53	60	53	12.50	cps
Erbium	164-1	50	8	25	28	75.51	cps
Erbium	164-2	20	0	17	12	87.67	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	103	77	97	92	15.05	cps
Holmium	165-1	3638478	3652245	3686183	3658969	0.67	cps
Holmium	165-2	2047796	2032162	2052837	2044265	0.53	cps
Indium	115-1	2687230	2700845	2719921	2702666	0.61	cps
Indium	115-2	683414	690573	691267	688418	0.63	cps
Iron	56-2	180528998	183534643	181893821	181985821	0.83	cps
Iron	57-2	4185112	4232223	4221644	4212993	0.59	cps
Krypton	83-1	150	120	143	138	11.43	cps
Lead	206-1	943568	929333	927967	933623	0.93	cps
Lead	207-1	850594	831121	839610	840442	1.16	cps
Lead	208-1	3796132	3743327	3760680	3766713	0.71	cps
Lithium	6-1	1906754	1893945	1890253	1896984	0.46	cps
Magnesium	24-2	38684291	38743288	38836560	38754713	0.20	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	915988	933799	928436	926074	0.99	cps
Molybdenum	94-1	4065626	4024632	4049225	4046494	0.51	cps
Molybdenum	95-1	5290690	5222992	5344296	5285993	1.15	cps
Molybdenum	96-1	5752390	5734742	5780598	5755910	0.40	cps
Molybdenum	97-1	3204839	3183242	3195845	3194642	0.34	cps
Molybdenum	98-1	8403403	8350250	8378174	8377275	0.32	cps
Neodymium	150-1	127	93	87	102	20.96	cps
Neodymium	150-2	3	17	47	22	99.88	cps
Nickel	60-2	332622	336988	332572	334061	0.76	cps
Phosphorus	31-2	37623	40171	39102	38966	3.28	cps
Potassium	39-2	18719171	18931180	18726904	18792418	0.64	cps
Rhodium	103-1	2687506	2676445	2695437	2686463	0.36	cps
Rhodium	103-2	1449122	1461149	1450388	1453553	0.45	cps
Scandium	45-1	3380492	3388635	3442530	3403886	0.99	cps
Scandium	45-2	193016	192352	192391	192586	0.19	cps
Selenium	77-2	1887	2130	2177	2065	7.54	cps
Selenium	78-2	7193	7098	6813	7034	2.81	cps
Selenium	82-1	32857	32691	32746	32765	0.26	cps
Silicon	28-1	2708277	2781998	2827608	2772628	2.17	cps
Silver	109-1	1637513	1629298	1617608	1628140	0.61	cps
Silver	107-1	1714721	1699782	1717557	1710687	0.56	cps
Sodium	23-2	76976539	76806443	76825548	76869510	0.12	cps
Strontium	86-1	562887	554924	559102	558971	0.71	cps
Strontium	88-1	4770875	4728299	4805529	4768234	0.81	cps
Sulfur	34-1	494725	494233	497302	495420	0.33	cps
Terbium	159-1	3886384	3871649	3883808	3880614	0.20	cps
Terbium	159-2	2115817	2085411	2080449	2093892	0.91	cps
Thallium	203-1	1157181	1142539	1161894	1153871	0.87	cps
Thallium	205-1	2768567	2739760	2744358	2750895	0.56	cps
Thorium	232-1	4633670	4590524	4628338	4617510	0.51	cps
Tin	118-1	1077162	1087895	1078687	1081248	0.54	cps
Titanium	47-1	2053359	2075598	2071313	2066757	0.57	cps
Uranium	238-1	4508112	4498174	4498858	4501715	0.12	cps
Vanadium	51-2	696330	702843	708703	702625	0.88	cps
Yttrium	89-1	3837331	3825187	3858057	3840192	0.43	cps
Yttrium	89-2	704304	713518	705938	707920	0.69	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:02:22	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	209672	214215	212262	212050	1.07	cps
Zirconium	90-1	3122584	3075666	3118644	3105631	0.84	cps
Zirconium	91-1	686567	677440	677528	680512	0.77	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P7
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:06:05 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	192	250	211	15.95	cps
Antimony	121-1	1225	1675	1542	1481	15.61	cps
Arsenic	75-1	44	21	15	27	57.75	cps
Barium	135-1	100	50	92	81	33.26	cps
Barium	137-1	158	133	108	133	18.75	cps
Beryllium	9-1	167	130	127	141	15.73	cps
Bismuth	209-1	2008366	2070139	1954619	2011041	2.87	cps
Bismuth	209-2	1233879	1261811	1266823	1254171	1.42	cps
Boron	10-1	6360	5776	5526	5887	7.27	cps
Boron	11-1	27058	25456	23386	25300	7.28	cps
Cadmium	111-1	877	860	837	858	2.35	cps
Cadmium	106-1	1225	1192	1150	1189	3.16	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	292	308	275	292	5.72	cps
Calcium	44-1	15909	15492	15092	15498	2.64	cps
Chromium	52-2	553	517	560	543	4.29	cps
Cobalt	59-2	63	90	60	71	23.12	cps
Copper	63-2	293	383	360	346	13.52	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	13	0	13	9	86.60	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	73	63	47	61	22.04	cps
Holmium	165-1	3572320	3701105	3486558	3586661	3.01	cps
Holmium	165-2	1998790	2017100	1991508	2002466	0.66	cps
Indium	115-1	2807655	2920783	2742894	2823777	3.19	cps
Indium	115-2	688104	700142	695506	694584	0.87	cps
Iron	56-2	10059	10460	10120	10213	2.11	cps
Iron	57-2	461	339	389	396	15.51	cps
Krypton	83-1	140	150	150	147	3.94	cps
Lead	206-1	561	450	406	472	16.97	cps
Lead	207-1	533	444	428	469	12.11	cps
Lead	208-1	2133	2017	1856	2002	6.97	cps
Lithium	6-1	1942393	1991613	1890791	1941599	2.60	cps
Magnesium	24-2	1458	1659	1542	1553	6.47	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:06:05	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	67	73	72	7.05	cps
Molybdenum	94-1	917	775	958	883	10.88	cps
Molybdenum	95-1	1033	1033	950	1006	4.78	cps
Molybdenum	96-1	1242	1033	1058	1111	10.24	cps
Molybdenum	97-1	567	692	550	603	12.85	cps
Molybdenum	98-1	1825	1567	1417	1603	12.89	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	42	55	44	47	15.28	cps
Phosphorus	31-2	150	125	167	147	14.24	cps
Potassium	39-2	20765	21424	21575	21255	2.03	cps
Rhodium	103-1	2885250	3009653	2847937	2914280	2.91	cps
Rhodium	103-2	1504231	1530262	1525485	1519993	0.91	cps
Scandium	45-1	3321541	3486671	3300055	3369423	3.03	cps
Scandium	45-2	181510	186370	184267	184049	1.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	54	59	56	5.78	cps
Selenium	82-1	38	8	19	22	69.44	cps
Silicon	28-1	185028	178537	180883	181483	1.81	cps
Silver	109-1	158	175	92	142	31.13	cps
Silver	107-1	233	142	150	175	28.97	cps
Sodium	23-2	24062	22801	22359	23074	3.83	cps
Strontium	86-1	250	283	308	281	10.43	cps
Strontium	88-1	342	442	258	347	26.44	cps
Sulfur	34-1	201087	204888	201721	202565	1.01	cps
Terbium	159-1	3791048	3922932	3703279	3805753	2.91	cps
Terbium	159-2	2066896	2068862	2047704	2061154	0.57	cps
Thallium	203-1	650	458	467	525	20.64	cps
Thallium	205-1	1408	1175	1200	1261	10.16	cps
Thorium	232-1	1056	856	706	872	20.13	cps
Tin	118-1	525	608	550	561	7.62	cps
Titanium	47-1	208	158	208	192	15.06	cps
Uranium	238-1	275	200	150	208	30.20	cps
Vanadium	51-2	40	27	27	31	24.74	cps
Yttrium	89-1	3808255	3982415	3737416	3842695	3.28	cps
Yttrium	89-2	677895	683821	684882	682199	0.55	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:06:05	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117	77	117	103	22.35	cps
Zirconium	90-1	717	583	633	644	10.45	cps
Zirconium	91-1	158	158	133	150	9.62	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1458	1250	1350	1353	7.70	cps
Antimony	121-1	5826	5701	5885	5804	1.61	cps
Arsenic	75-1	1173	970	847	997	16.52	cps
Barium	135-1	7494	6844	7619	7319	5.69	cps
Barium	137-1	12706	12756	12865	12776	0.63	cps
Beryllium	9-1	1610	1490	1460	1520	5.22	cps
Bismuth	209-1	1988860	1949141	1965635	1967879	1.01	cps
Bismuth	209-2	1208360	1187781	1207264	1201135	0.96	cps
Boron	10-1	8770	8453	8461	8561	2.11	cps
Boron	11-1	38534	36712	37973	37740	2.47	cps
Cadmium	111-1	1657	1625	1537	1606	3.87	cps
Cadmium	106-1	1300	1333	1217	1283	4.68	cps
Cadmium	108-1	58	42	75	58	28.57	cps
Calcium	43-1	8419	7969	7994	8128	3.11	cps
Calcium	44-1	143591	142362	140874	142276	0.96	cps
Chromium	52-2	3971	3721	3751	3814	3.58	cps
Cobalt	59-2	2220	1937	2177	2111	7.23	cps
Copper	63-2	2854	2987	3014	2951	2.91	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	57	63	83	68	20.48	cps
Holmium	165-1	3600148	3497698	3512759	3536868	1.56	cps
Holmium	165-2	1951253	1945584	1966455	1954431	0.55	cps
Indium	115-1	2836834	2762277	2785948	2795019	1.36	cps
Indium	115-2	675654	674143	688860	679552	1.19	cps
Iron	56-2	71082	71010	70999	71031	0.06	cps
Iron	57-2	2167	1972	2039	2059	4.80	cps
Krypton	83-1	133	137	97	122	18.16	cps
Lead	206-1	2567	2423	2428	2473	3.31	cps
Lead	207-1	2028	1967	2067	2021	2.50	cps
Lead	208-1	9352	9363	9429	9381	0.45	cps
Lithium	6-1	1946674	1880890	1879112	1902225	2.02	cps
Magnesium	24-2	82519	83399	82996	82971	0.53	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1010	927	987	974	4.41	cps
Molybdenum	94-1	8086	7761	7878	7908	2.08	cps
Molybdenum	95-1	10621	9420	9437	9826	7.01	cps
Molybdenum	96-1	11163	10504	10471	10713	3.64	cps
Molybdenum	97-1	6343	5885	5993	6074	3.95	cps
Molybdenum	98-1	15759	15584	15409	15584	1.12	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	638	746	721	701	8.10	cps
Phosphorus	31-2	283	317	458	353	26.34	cps
Potassium	39-2	95180	92763	95624	94522	1.63	cps
Rhodium	103-1	2900741	2866740	2866572	2878018	0.68	cps
Rhodium	103-2	1482885	1475980	1502809	1487225	0.94	cps
Scandium	45-1	3400600	3345249	3365240	3370363	0.83	cps
Scandium	45-2	182083	181391	183096	182190	0.47	cps
Selenium	77-2	13	27	10	17	52.93	cps
Selenium	78-2	135	130	135	133	2.41	cps
Selenium	82-1	411	358	435	402	9.81	cps
Silicon	28-1	206446	204005	204098	204850	0.68	cps
Silver	109-1	3792	3542	3217	3517	8.20	cps
Silver	107-1	3742	3601	3659	3667	1.94	cps
Sodium	23-2	172944	176856	174224	174675	1.14	cps
Strontium	86-1	1233	1408	1267	1303	7.13	cps
Strontium	88-1	9954	9879	9946	9926	0.41	cps
Sulfur	34-1	216525	216590	218815	217310	0.60	cps
Terbium	159-1	3836680	3729140	3739106	3768309	1.58	cps
Terbium	159-2	2016877	1977979	2030198	2008351	1.35	cps
Thallium	203-1	2734	2425	2550	2570	6.04	cps
Thallium	205-1	6052	5985	6435	6157	3.95	cps
Thorium	232-1	9287	8609	9126	9007	3.93	cps
Tin	118-1	12790	11405	11889	12028	5.84	cps
Titanium	47-1	4034	4059	4026	4040	0.43	cps
Uranium	238-1	8420	8203	8778	8467	3.43	cps
Vanadium	51-2	7112	7219	7529	7286	2.97	cps
Yttrium	89-1	3876463	3783511	3756802	3805592	1.65	cps
Yttrium	89-2	662356	662084	674384	666275	1.05	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:09:41	DataFile Name :	034LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	507	510	517	511	1.00	cps
Zirconium	90-1	6593	6385	6552	6510	1.69	cps
Zirconium	91-1	1567	1458	1392	1472	6.00	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3657-01	Instrumnet Name :	P7
Client Sample ID :	390627719-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:13:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2050	2467	1942	2153	12.88	cps
Antimony	121-1	292	392	358	347	14.66	cps
Arsenic	75-1	70	20	23	38	72.90	cps
Barium	135-1	7577	8036	7894	7836	3.00	cps
Barium	137-1	13541	13098	12823	13154	2.75	cps
Beryllium	9-1	123	137	93	118	18.85	cps
Bismuth	209-1	1962154	1964590	1952958	1959901	0.31	cps
Bismuth	209-2	1207223	1230436	1336827	1258162	5.49	cps
Boron	10-1	4242	4159	4318	4240	1.87	cps
Boron	11-1	20898	19714	19438	20017	3.88	cps
Cadmium	111-1	790	925	742	819	11.59	cps
Cadmium	106-1	1108	1308	1067	1161	11.13	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	3384	3242	3459	3362	3.27	cps
Calcium	44-1	66375	66283	65521	66060	0.71	cps
Chromium	52-2	893	917	967	926	4.05	cps
Cobalt	59-2	1277	1260	1210	1249	2.78	cps
Copper	63-2	219872	224421	221437	221910	1.04	cps
Dysprosium	156-1	42	92	133	89	51.63	cps
Dysprosium	156-2	43	73	30	49	45.40	cps
Erbium	164-1	142	58	142	114	42.24	cps
Erbium	164-2	40	43	50	44	11.46	cps
Gadolinium	160-1	83	100	125	103	20.41	cps
Gadolinium	160-2	93	110	107	103	8.53	cps
Holmium	165-1	3480527	3478215	3527556	3495433	0.80	cps
Holmium	165-2	1975224	1983848	2205512	2054861	6.35	cps
Indium	115-1	2782986	2773170	2781489	2779215	0.19	cps
Indium	115-2	675845	698023	765213	713027	6.53	cps
Iron	56-2	29503	31101	29940	30181	2.74	cps
Iron	57-2	878	867	945	896	4.69	cps
Krypton	83-1	143	177	73	131	40.23	cps
Lead	206-1	2962	3112	3250	3108	4.65	cps
Lead	207-1	2634	2645	2623	2634	0.42	cps
Lead	208-1	12369	11908	12114	12130	1.91	cps
Lithium	6-1	1920621	1903796	1880709	1901708	1.05	cps
Magnesium	24-2	55922	57704	56048	56558	1.76	cps

LB Number : LB103823 Operator : Jaswal
 Lab Sample ID : K3657-01 Instrumnet Name : P7
 Client Sample ID : 390627719-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:13:18 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3180	3220	3230	3210	0.82	cps
Molybdenum	94-1	242	217	292	250	15.27	cps
Molybdenum	95-1	117	117	150	128	15.06	cps
Molybdenum	96-1	283	242	283	269	8.93	cps
Molybdenum	97-1	167	158	125	150	14.70	cps
Molybdenum	98-1	233	217	183	211	12.06	cps
Neodymium	150-1	107	133	113	118	11.78	cps
Neodymium	150-2	60	53	33	49	28.39	cps
Nickel	60-2	9405	9590	9507	9501	0.98	cps
Phosphorus	31-2	225	175	183	194	13.78	cps
Potassium	39-2	61788	64239	63611	63213	2.01	cps
Rhodium	103-1	2853846	2858575	2871143	2861188	0.31	cps
Rhodium	103-2	1493064	1511500	1620182	1541582	4.46	cps
Scandium	45-1	3323335	3304110	3378691	3335379	1.16	cps
Scandium	45-2	181098	185710	209652	192153	7.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	56	61	54	13.77	cps
Selenium	82-1	13	-30	102	29	235.13	cps
Silicon	28-1	8796173	8600811	8815334	8737440	1.36	cps
Silver	109-1	133	158	233	175	29.74	cps
Silver	107-1	242	233	150	208	24.33	cps
Sodium	23-2	759857	768626	762724	763736	0.59	cps
Strontium	86-1	4226	4493	4326	4348	3.10	cps
Strontium	88-1	34843	33264	33791	33966	2.37	cps
Sulfur	34-1	214826	209518	205860	210068	2.15	cps
Terbium	159-1	3713136	3727666	3751248	3730683	0.52	cps
Terbium	159-2	2009102	2056458	2274597	2113386	6.70	cps
Thallium	203-1	183	225	158	189	17.83	cps
Thallium	205-1	408	308	533	417	27.06	cps
Thorium	232-1	172	294	250	239	25.90	cps
Tin	118-1	1442	1575	1700	1572	8.22	cps
Titanium	47-1	342	450	433	408	14.29	cps
Uranium	238-1	267	183	158	203	27.97	cps
Vanadium	51-2	40	70	40	50	34.64	cps
Yttrium	89-1	3807192	3786697	3799330	3797740	0.27	cps
Yttrium	89-2	672612	687752	758091	706152	6.46	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3657-01	Instrumnet Name :	P7
Client Sample ID :	390627719-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:13:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2837	2824	2944	2868	2.29	cps
Zirconium	90-1	533	667	575	592	11.53	cps
Zirconium	91-1	175	133	133	147	16.34	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	167	200	194	13.10	cps
Antimony	121-1	150	217	217	194	19.79	cps
Arsenic	75-1	-41	-69	31	-26	-197.52	cps
Barium	135-1	67	58	33	53	32.88	cps
Barium	137-1	58	33	75	56	37.75	cps
Beryllium	9-1	77	60	127	88	39.53	cps
Bismuth	209-1	2004831	1963915	1947887	1972211	1.49	cps
Bismuth	209-2	1218629	1216411	1225152	1220064	0.37	cps
Boron	10-1	2742	2792	2492	2675	6.01	cps
Boron	11-1	11747	12105	11655	11836	2.01	cps
Cadmium	111-1	1004	850	905	920	8.52	cps
Cadmium	106-1	1425	1200	1275	1300	8.81	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	258	242	325	275	16.04	cps
Calcium	44-1	14241	14541	14049	14277	1.74	cps
Chromium	52-2	707	730	773	737	4.59	cps
Cobalt	59-2	57	63	73	64	13.01	cps
Copper	63-2	1540	1613	1570	1575	2.34	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	63	80	77	73	12.03	cps
Holmium	165-1	3614590	3509512	3495471	3539858	1.84	cps
Holmium	165-2	2014551	1991154	1969093	1991600	1.14	cps
Indium	115-1	2861699	2808391	2749823	2806638	1.99	cps
Indium	115-2	688146	682311	694255	688237	0.87	cps
Iron	56-2	3684	3984	3623	3764	5.14	cps
Iron	57-2	217	300	261	259	16.08	cps
Krypton	83-1	157	110	143	137	17.59	cps
Lead	206-1	800	767	667	744	9.32	cps
Lead	207-1	633	567	672	624	8.55	cps
Lead	208-1	2956	2650	2845	2817	5.49	cps
Lithium	6-1	1922934	1872965	1873759	1889886	1.51	cps
Magnesium	24-2	233	217	442	297	42.18	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240	240	210	230	7.53	cps
Molybdenum	94-1	267	175	217	219	20.91	cps
Molybdenum	95-1	75	92	58	75	22.22	cps
Molybdenum	96-1	150	125	142	139	9.16	cps
Molybdenum	97-1	100	58	83	81	26.03	cps
Molybdenum	98-1	125	183	108	139	28.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	118	128	113	120	6.38	cps
Phosphorus	31-2	133	125	175	144	18.54	cps
Potassium	39-2	17102	18320	17886	17770	3.47	cps
Rhodium	103-1	2932745	2878279	2837350	2882791	1.66	cps
Rhodium	103-2	1517160	1509205	1503328	1509898	0.46	cps
Scandium	45-1	3420586	3352424	3290672	3354561	1.94	cps
Scandium	45-2	184452	183623	184559	184211	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	63	78	56	45.72	cps
Selenium	82-1	10	44	41	32	59.52	cps
Silicon	28-1	207099	206429	205426	206318	0.41	cps
Silver	109-1	100	108	92	100	8.33	cps
Silver	107-1	142	158	92	131	26.57	cps
Sodium	23-2	15809	15884	16017	15903	0.66	cps
Strontium	86-1	225	225	250	233	6.19	cps
Strontium	88-1	383	342	483	403	18.08	cps
Sulfur	34-1	196174	193767	194013	194651	0.68	cps
Terbium	159-1	3800333	3775795	3704388	3760172	1.33	cps
Terbium	159-2	2071092	2032283	2038961	2047445	1.01	cps
Thallium	203-1	117	117	167	133	21.65	cps
Thallium	205-1	258	267	375	300	21.69	cps
Thorium	232-1	78	117	150	115	31.48	cps
Tin	118-1	358	383	308	350	10.91	cps
Titanium	47-1	108	100	67	92	24.05	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	3885685	3805604	3706524	3799271	2.36	cps
Yttrium	89-2	681021	677710	679100	679277	0.24	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3683-01	Instrumnet Name :	P7
Client Sample ID :	390612700	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:16:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	720	713	717	717	0.47	cps
Zirconium	90-1	408	375	450	411	9.14	cps
Zirconium	91-1	50	75	50	58	24.74	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	242	208	222	7.81	cps
Antimony	121-1	125	50	192	122	57.99	cps
Arsenic	75-1	-22	-26	-60	-36	-58.82	cps
Barium	135-1	75	42	58	58	28.57	cps
Barium	137-1	142	58	125	108	40.70	cps
Beryllium	9-1	83	77	90	83	8.00	cps
Bismuth	209-1	1960301	1994419	1983101	1979274	0.88	cps
Bismuth	209-2	1232862	1248180	1239781	1240274	0.62	cps
Boron	10-1	1909	1709	1975	1864	7.45	cps
Boron	11-1	8603	8294	8569	8489	1.99	cps
Cadmium	111-1	788	744	688	740	6.77	cps
Cadmium	106-1	1108	1067	983	1053	6.05	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	217	267	183	222	18.88	cps
Calcium	44-1	13065	13573	13390	13343	1.93	cps
Chromium	52-2	690	810	697	732	9.21	cps
Cobalt	59-2	13	10	17	13	25.01	cps
Copper	63-2	910	937	1013	953	5.63	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	50	83	67	67	25.00	cps
Holmium	165-1	3528719	3589047	3582842	3566869	0.93	cps
Holmium	165-2	2012381	2019816	2004666	2012288	0.38	cps
Indium	115-1	2780132	2854461	2829358	2821317	1.34	cps
Indium	115-2	695886	699239	701572	698899	0.41	cps
Iron	56-2	3512	3623	3589	3575	1.60	cps
Iron	57-2	239	228	206	224	7.58	cps
Krypton	83-1	170	157	180	169	6.93	cps
Lead	206-1	561	583	578	574	2.02	cps
Lead	207-1	389	372	444	402	9.41	cps
Lead	208-1	2145	1922	2133	2067	6.06	cps
Lithium	6-1	1896338	1918458	1907537	1907444	0.58	cps
Magnesium	24-2	133	142	117	131	9.75	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	60	47	47	28.58	cps
Molybdenum	94-1	208	108	158	158	31.58	cps
Molybdenum	95-1	67	92	50	69	30.20	cps
Molybdenum	96-1	75	50	150	92	56.78	cps
Molybdenum	97-1	75	92	67	78	16.37	cps
Molybdenum	98-1	108	117	125	117	7.14	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	126	107	114	116	8.31	cps
Phosphorus	31-2	158	142	125	142	11.76	cps
Potassium	39-2	17035	17511	17970	17505	2.67	cps
Rhodium	103-1	2876980	2937692	2930287	2914986	1.14	cps
Rhodium	103-2	1532589	1535980	1534086	1534218	0.11	cps
Scandium	45-1	3358927	3420134	3435406	3404822	1.19	cps
Scandium	45-2	188681	189228	187976	188628	0.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	37	61	46	29.32	cps
Selenium	82-1	-23	-17	-18	-20	-16.13	cps
Silicon	28-1	191614	193856	192926	192799	0.58	cps
Silver	109-1	8	83	8	33	129.92	cps
Silver	107-1	42	25	67	44	47.19	cps
Sodium	23-2	14299	14449	14224	14324	0.80	cps
Strontium	86-1	183	217	242	214	13.68	cps
Strontium	88-1	367	375	408	383	5.75	cps
Sulfur	34-1	203867	201511	203191	202856	0.60	cps
Terbium	159-1	3786555	3815781	3793232	3798523	0.40	cps
Terbium	159-2	2074979	2086661	2060175	2073938	0.64	cps
Thallium	203-1	125	92	75	97	26.19	cps
Thallium	205-1	242	242	192	225	12.83	cps
Thorium	232-1	100	117	78	98	19.88	cps
Tin	118-1	575	700	633	636	9.83	cps
Titanium	47-1	117	83	158	119	31.46	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	3815805	3868703	3885882	3856797	0.95	cps
Yttrium	89-2	696398	689096	689334	691609	0.60	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3685-01	Instrumnet Name :	P7
Client Sample ID :	390612701	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:20:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	647	650	663	653	1.35	cps
Zirconium	90-1	275	275	325	292	9.90	cps
Zirconium	91-1	58	117	50	75	48.43	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	217	175	211	15.95	cps
Antimony	121-1	133	83	92	103	26.06	cps
Arsenic	75-1	-30	-33	-49	-37	-26.34	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	57	60	50	56	9.17	cps
Bismuth	209-1	1973096	1992078	1976597	1980590	0.51	cps
Bismuth	209-2	1213479	1223035	1234939	1223818	0.88	cps
Boron	10-1	1550	1550	1433	1511	4.46	cps
Boron	11-1	6927	5926	6485	6446	7.78	cps
Cadmium	111-1	703	924	882	836	14.06	cps
Cadmium	106-1	992	1300	1258	1183	14.14	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	192	275	258	242	18.25	cps
Calcium	44-1	14332	14191	13682	14068	2.43	cps
Chromium	52-2	750	707	737	731	3.04	cps
Cobalt	59-2	10	17	17	14	26.66	cps
Copper	63-2	537	587	583	569	4.91	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	8	50	58	39	68.89	cps
Gadolinium	160-2	73	60	90	74	20.19	cps
Holmium	165-1	3545698	3600798	3559295	3568597	0.80	cps
Holmium	165-2	2016785	2021590	2005776	2014717	0.40	cps
Indium	115-1	2792967	2861681	2851177	2835275	1.31	cps
Indium	115-2	697807	701125	705058	701330	0.52	cps
Iron	56-2	3551	3562	3873	3662	5.00	cps
Iron	57-2	211	222	244	226	7.51	cps
Krypton	83-1	137	157	160	151	8.35	cps
Lead	206-1	372	450	411	411	9.46	cps
Lead	207-1	272	339	322	311	11.15	cps
Lead	208-1	1383	1622	1495	1500	7.97	cps
Lithium	6-1	1909542	1913971	1905279	1909597	0.23	cps
Magnesium	24-2	183	133	225	181	25.42	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	50	50	54	14.14	cps
Molybdenum	94-1	150	192	167	169	12.38	cps
Molybdenum	95-1	42	75	92	69	36.66	cps
Molybdenum	96-1	75	100	150	108	35.25	cps
Molybdenum	97-1	75	67	58	67	12.49	cps
Molybdenum	98-1	175	150	167	164	7.77	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	68	60	67	65	6.55	cps
Phosphorus	31-2	133	117	192	147	26.75	cps
Potassium	39-2	17795	17628	17870	17764	0.70	cps
Rhodium	103-1	2908296	2925407	2921831	2918512	0.31	cps
Rhodium	103-2	1529484	1534266	1535856	1533202	0.22	cps
Scandium	45-1	3418822	3426290	3393378	3412830	0.51	cps
Scandium	45-2	190309	188003	189978	189430	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	61	59	52	27.89	cps
Selenium	82-1	7	14	20	13	50.81	cps
Silicon	28-1	191155	192513	190000	191223	0.66	cps
Silver	109-1	25	17	17	19	24.73	cps
Silver	107-1	25	67	50	47	44.41	cps
Sodium	23-2	16468	16902	15709	16359	3.69	cps
Strontium	86-1	133	200	217	183	24.05	cps
Strontium	88-1	425	275	308	336	23.43	cps
Sulfur	34-1	212011	210442	213743	212065	0.78	cps
Terbium	159-1	3766138	3825966	3830120	3807408	0.94	cps
Terbium	159-2	2074453	2066763	2090067	2077094	0.57	cps
Thallium	203-1	83	108	50	81	36.33	cps
Thallium	205-1	183	108	200	164	29.79	cps
Thorium	232-1	89	139	56	94	44.41	cps
Tin	118-1	133	150	192	158	18.98	cps
Titanium	47-1	142	125	150	139	9.16	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	3847985	3864178	3846043	3852735	0.26	cps
Yttrium	89-2	691183	697538	696179	694967	0.48	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	K3686-01	Instrumnet Name :	P7
Client Sample ID :	390612702	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:24:12	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690	520	637	616	14.12	cps
Zirconium	90-1	375	317	300	331	11.91	cps
Zirconium	91-1	83	67	33	61	41.67	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3687451	3688166	3660308	3678642	0.43	cps
Antimony	121-1	1296230	1305752	1297320	1299767	0.40	cps
Arsenic	75-1	553933	557660	552975	554856	0.45	cps
Barium	135-1	1763881	1774982	1757153	1765339	0.51	cps
Barium	137-1	3069905	3089527	3065548	3074993	0.42	cps
Beryllium	9-1	674884	682361	677866	678370	0.55	cps
Bismuth	209-1	1772434	1779190	1805656	1785760	0.98	cps
Bismuth	209-2	1200453	1213990	1217929	1210791	0.76	cps
Boron	10-1	102103	104418	107631	104717	2.65	cps
Boron	11-1	464570	470340	473586	469499	0.97	cps
Cadmium	111-1	382920	380669	379419	381003	0.47	cps
Cadmium	106-1	43384	43317	43309	43336	0.09	cps
Cadmium	108-1	29594	29514	29322	29477	0.47	cps
Calcium	43-1	4010404	4021929	4016440	4016258	0.14	cps
Calcium	44-1	64009485	63919639	63996218	63975114	0.08	cps
Chromium	52-2	800534	810803	806436	805924	0.64	cps
Cobalt	59-2	1126664	1143785	1140573	1137008	0.80	cps
Copper	63-2	1402830	1419264	1411020	1411038	0.58	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	47	60	47	51	15.06	cps
Erbium	164-1	8	50	33	31	68.64	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	73	67	73	71	5.41	cps
Holmium	165-1	3487093	3493850	3585507	3522150	1.56	cps
Holmium	165-2	2093405	2087176	2063259	2081280	0.76	cps
Indium	115-1	2593361	2553876	2615730	2587656	1.21	cps
Indium	115-2	688566	706120	709259	701315	1.59	cps
Iron	56-2	181398293	182953115	180720121	181690510	0.63	cps
Iron	57-2	4190134	4229471	4186843	4202149	0.56	cps
Krypton	83-1	123	150	143	139	9.99	cps
Lead	206-1	933046	927080	917123	925749	0.87	cps
Lead	207-1	843648	845715	830210	839857	1.00	cps
Lead	208-1	3744330	3776886	3707972	3743062	0.92	cps
Lithium	6-1	1853267	1853440	1870771	1859159	0.54	cps
Magnesium	24-2	38685012	38505183	38382898	38524364	0.39	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	924113	933724	929236	929024	0.52	cps
Molybdenum	94-1	4061252	4096811	4113186	4090416	0.65	cps
Molybdenum	95-1	5271535	5374285	5357717	5334512	1.03	cps
Molybdenum	96-1	5774274	5793354	5840975	5802868	0.59	cps
Molybdenum	97-1	3214983	3234109	3204269	3217787	0.47	cps
Molybdenum	98-1	8356184	8419363	8479857	8418468	0.73	cps
Neodymium	150-1	113	140	120	124	11.15	cps
Neodymium	150-2	43	47	33	41	16.89	cps
Nickel	60-2	339736	344368	343366	342490	0.71	cps
Phosphorus	31-2	38751	38267	39704	38907	1.88	cps
Potassium	39-2	18880225	18827085	18771204	18826171	0.29	cps
Rhodium	103-1	2575949	2559359	2608636	2581314	0.97	cps
Rhodium	103-2	1462021	1486149	1485721	1477963	0.93	cps
Scandium	45-1	3247412	3282086	3342530	3290676	1.46	cps
Scandium	45-2	194109	197688	197849	196549	1.08	cps
Selenium	77-2	1893	2024	2200	2039	7.55	cps
Selenium	78-2	6978	7246	7057	7094	1.95	cps
Selenium	82-1	32933	33277	32727	32979	0.84	cps
Silicon	28-1	2641013	2764098	2802058	2735723	3.08	cps
Silver	109-1	1614567	1602586	1631461	1616205	0.90	cps
Silver	107-1	1695970	1712429	1702006	1703468	0.49	cps
Sodium	23-2	76681483	76644991	76099870	76475448	0.43	cps
Strontium	86-1	555878	563153	557723	558918	0.68	cps
Strontium	88-1	4803449	4816948	4833783	4818060	0.32	cps
Sulfur	34-1	503612	496747	504405	501588	0.84	cps
Terbium	159-1	3702178	3662785	3775747	3713570	1.54	cps
Terbium	159-2	2127701	2133780	2129917	2130466	0.14	cps
Thallium	203-1	1146699	1135112	1139748	1140520	0.51	cps
Thallium	205-1	2761544	2769806	2781025	2770792	0.35	cps
Thorium	232-1	4603136	4642319	4573617	4606357	0.75	cps
Tin	118-1	1090844	1078930	1064483	1078086	1.22	cps
Titanium	47-1	2056363	2162481	2077767	2098870	2.67	cps
Uranium	238-1	4458413	4477410	4441338	4459054	0.40	cps
Vanadium	51-2	699359	706868	705843	704024	0.58	cps
Yttrium	89-1	3673419	3657494	3759083	3696665	1.48	cps
Yttrium	89-2	710347	726020	721468	719278	1.12	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:27:48	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	219006	223174	223648	221943	1.15	cps
Zirconium	90-1	3178111	3165157	3149634	3164301	0.45	cps
Zirconium	91-1	682206	694897	675908	684337	1.41	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1467	1433	1467	2.27	cps
Antimony	121-1	5960	6185	5818	5988	3.09	cps
Arsenic	75-1	878	976	1122	992	12.38	cps
Barium	135-1	7619	7085	7085	7263	4.24	cps
Barium	137-1	13390	11972	12139	12501	6.20	cps
Beryllium	9-1	1607	1503	1587	1566	3.50	cps
Bismuth	209-1	2088988	2082606	2096698	2089431	0.34	cps
Bismuth	209-2	1273484	1290596	1296044	1286708	0.91	cps
Boron	10-1	8378	8336	8628	8447	1.87	cps
Boron	11-1	36846	35618	36052	36172	1.72	cps
Cadmium	111-1	1631	1571	1571	1591	2.17	cps
Cadmium	106-1	1325	1350	1375	1350	1.85	cps
Cadmium	108-1	79	58	54	64	20.97	cps
Calcium	43-1	8194	7894	8161	8083	2.04	cps
Calcium	44-1	139403	140797	139073	139758	0.65	cps
Chromium	52-2	3931	3781	3887	3866	2.00	cps
Cobalt	59-2	2070	2264	2134	2156	4.57	cps
Copper	63-2	3120	2937	2907	2988	3.87	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	40	67	80	62	32.73	cps
Holmium	165-1	3734966	3753798	3725806	3738190	0.38	cps
Holmium	165-2	2102015	2087165	2081713	2090298	0.50	cps
Indium	115-1	2983530	2990981	2952079	2975530	0.69	cps
Indium	115-2	728803	733340	734531	732225	0.41	cps
Iron	56-2	72088	73936	72165	72730	1.44	cps
Iron	57-2	2117	2028	2095	2080	2.22	cps
Krypton	83-1	140	170	97	136	27.20	cps
Lead	206-1	2350	2278	2428	2352	3.19	cps
Lead	207-1	2006	1900	1939	1948	2.74	cps
Lead	208-1	9240	8879	9235	9118	2.27	cps
Lithium	6-1	2023949	2002005	1995521	2007158	0.74	cps
Magnesium	24-2	82309	82669	83542	82840	0.77	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	990	1097	937	1008	8.08	cps
Molybdenum	94-1	8036	7769	8178	7994	2.60	cps
Molybdenum	95-1	10012	9404	9420	9612	3.61	cps
Molybdenum	96-1	10938	10663	10221	10607	3.41	cps
Molybdenum	97-1	5835	5685	6327	5949	5.64	cps
Molybdenum	98-1	16043	15568	14650	15420	4.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	762	688	743	731	5.27	cps
Phosphorus	31-2	333	433	292	353	20.64	cps
Potassium	39-2	94584	94081	96555	95073	1.38	cps
Rhodium	103-1	3041797	3080781	3063036	3061871	0.64	cps
Rhodium	103-2	1592782	1603037	1611346	1602388	0.58	cps
Scandium	45-1	3565380	3595915	3552589	3571295	0.62	cps
Scandium	45-2	194039	194793	197126	195319	0.82	cps
Selenium	77-2	3	23	17	14	70.51	cps
Selenium	78-2	126	156	139	140	10.60	cps
Selenium	82-1	455	349	435	413	13.73	cps
Silicon	28-1	206835	202013	201858	203569	1.39	cps
Silver	109-1	3492	3634	3534	3553	2.05	cps
Silver	107-1	4017	3651	3559	3742	6.48	cps
Sodium	23-2	177639	180834	180691	179721	1.00	cps
Strontium	86-1	1317	1458	1475	1417	6.14	cps
Strontium	88-1	10146	9554	9395	9698	4.08	cps
Sulfur	34-1	226689	231198	229948	229278	1.02	cps
Terbium	159-1	3980947	3992074	3978362	3983794	0.18	cps
Terbium	159-2	2158554	2167635	2158708	2161632	0.24	cps
Thallium	203-1	2667	2384	2484	2511	5.72	cps
Thallium	205-1	6294	5401	5985	5893	7.69	cps
Thorium	232-1	8781	8825	8798	8801	0.26	cps
Tin	118-1	12197	12047	11864	12036	1.39	cps
Titanium	47-1	3767	3817	3951	3845	2.47	cps
Uranium	238-1	8703	8286	8128	8373	3.55	cps
Vanadium	51-2	7429	7345	7325	7366	0.74	cps
Yttrium	89-1	4042607	4089546	4039632	4057262	0.69	cps
Yttrium	89-2	718984	718496	731599	723027	1.03	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:33:58	DataFile Name :	040LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	530	567	500	532	6.27	cps
Zirconium	90-1	6193	6252	6785	6410	5.09	cps
Zirconium	91-1	1658	1367	1258	1428	14.49	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:37:35	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	58	53	32.88	cps
Antimony	121-1	192	250	258	233	15.57	cps
Arsenic	75-1	-21	5	-61	-26	-129.09	cps
Barium	135-1	17	17	0	11	86.60	cps
Barium	137-1	17	0	17	11	86.60	cps
Beryllium	9-1	60	73	90	74	20.19	cps
Bismuth	209-1	1942322	1958026	1956196	1952181	0.44	cps
Bismuth	209-2	1174015	1199473	1185870	1186452	1.07	cps
Boron	10-1	2317	2034	2184	2178	6.51	cps
Boron	11-1	10529	9845	9595	9990	4.84	cps
Cadmium	111-1	847	993	790	877	11.92	cps
Cadmium	106-1	1225	1417	1100	1247	12.79	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	67	58	75	67	12.49	cps
Calcium	44-1	12114	11630	10779	11508	5.87	cps
Chromium	52-2	477	483	493	484	1.73	cps
Cobalt	59-2	30	10	30	23	49.49	cps
Copper	63-2	247	267	290	268	8.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	63	53	87	68	25.24	cps
Holmium	165-1	3522127	3525203	3482662	3509997	0.68	cps
Holmium	165-2	1947199	1964073	1923412	1944895	1.05	cps
Indium	115-1	2780629	2797580	2789390	2789200	0.30	cps
Indium	115-2	686214	682556	674569	681113	0.87	cps
Iron	56-2	3134	2967	2989	3030	2.99	cps
Iron	57-2	250	233	217	233	7.14	cps
Krypton	83-1	147	120	173	147	18.18	cps
Lead	206-1	361	311	406	359	13.15	cps
Lead	207-1	328	322	406	352	13.24	cps
Lead	208-1	1506	1350	1678	1511	10.85	cps
Lithium	6-1	1934367	1908274	1916155	1919599	0.70	cps
Magnesium	24-2	142	117	83	114	25.69	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:37:35	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	37	33	27	54.49	cps
Molybdenum	94-1	275	225	275	258	11.18	cps
Molybdenum	95-1	150	175	175	167	8.66	cps
Molybdenum	96-1	208	175	250	211	17.80	cps
Molybdenum	97-1	150	83	100	111	31.23	cps
Molybdenum	98-1	300	233	192	242	22.61	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	31	18	27	29.18	cps
Phosphorus	31-2	158	133	175	156	13.48	cps
Potassium	39-2	18779	18829	18796	18801	0.14	cps
Rhodium	103-1	2859255	2894201	2848052	2867169	0.84	cps
Rhodium	103-2	1496944	1492836	1481687	1490489	0.53	cps
Scandium	45-1	3347657	3353599	3328756	3343337	0.39	cps
Scandium	45-2	184847	187551	183011	185136	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	37	54	44	19.96	cps
Selenium	82-1	25	28	-24	10	300.75	cps
Silicon	28-1	165404	163204	163602	164070	0.71	cps
Silver	109-1	17	50	67	44	57.28	cps
Silver	107-1	75	42	33	50	44.10	cps
Sodium	23-2	17836	16818	16760	17138	3.53	cps
Strontium	86-1	192	208	217	206	6.19	cps
Strontium	88-1	33	75	58	56	37.75	cps
Sulfur	34-1	229700	230834	226632	229056	0.95	cps
Terbium	159-1	3768068	3763063	3720864	3750665	0.69	cps
Terbium	159-2	2005439	2011177	1995171	2003929	0.40	cps
Thallium	203-1	133	117	92	114	18.41	cps
Thallium	205-1	225	250	242	239	5.33	cps
Thorium	232-1	339	267	161	256	34.98	cps
Tin	118-1	267	250	150	222	28.39	cps
Titanium	47-1	133	58	100	97	38.65	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	7	0	13	7	99.98	cps
Yttrium	89-1	3806764	3821209	3801898	3809957	0.26	cps
Yttrium	89-2	674960	676175	672946	674694	0.24	cps

LB Number :	LB103823	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:37:35	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130	113	137	127	9.49	cps
Zirconium	90-1	367	342	408	372	9.05	cps
Zirconium	91-1	100	75	75	83	17.32	cps