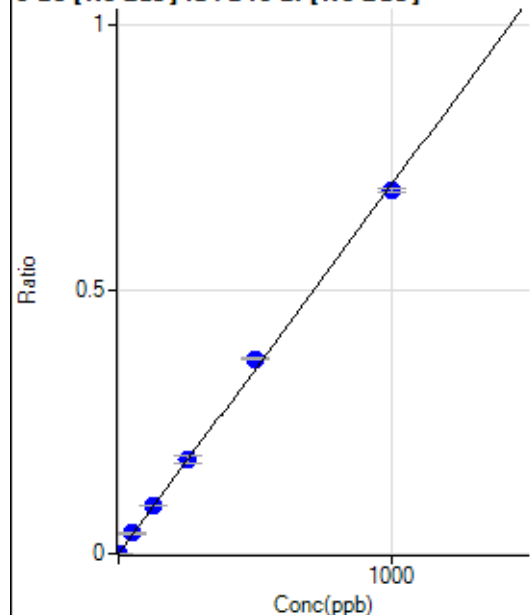


Batch Folder: D:\ICP-MS Data\P7070519-MS.b\
Analysis File: P7070519-MS.batch.bin
DA Date-Time: 2019-07-05 15:36:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

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

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

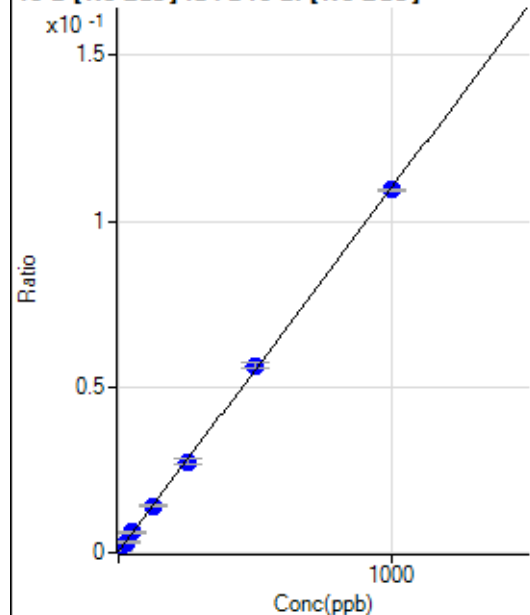
$$R = 0.9994$$

$$DL = 0.06092$$

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

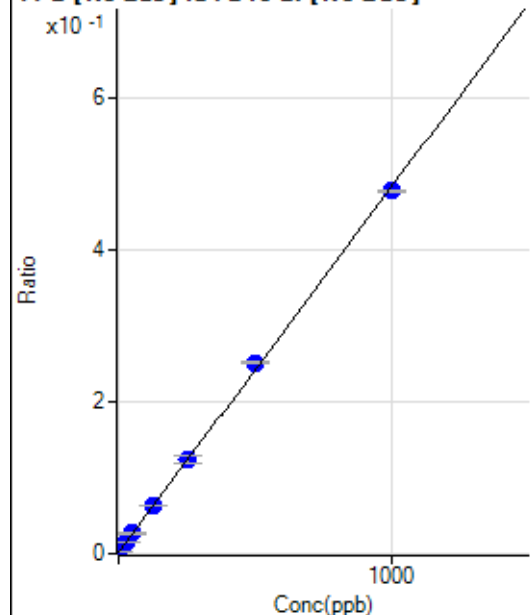
$$y = 1.0961\text{E-}004 * x + 3.5599\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.8248$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

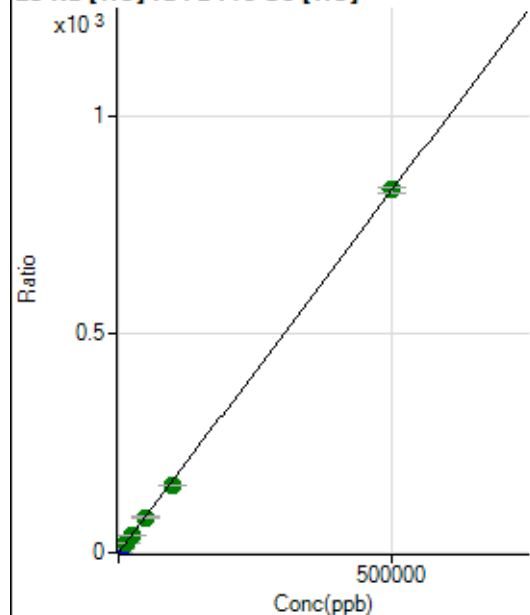
$$y = 4.8175E-004 * x + 0.0015$$

$$R = 0.9997$$

$$DL = 0.921$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

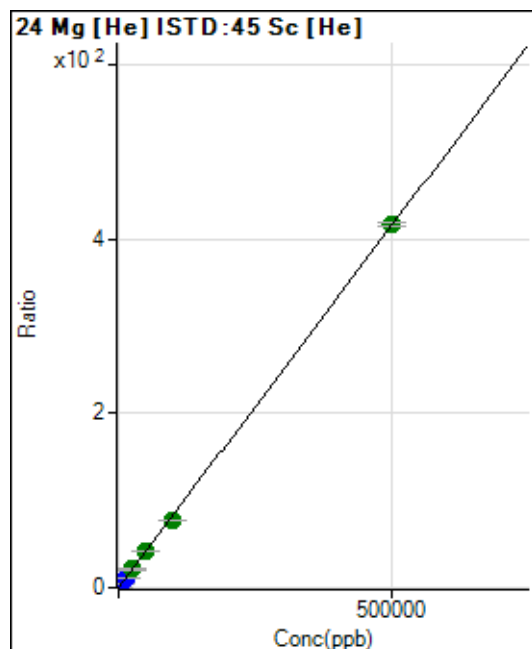
$$y = 0.0017 * x + 0.0439$$

$$R = 0.9999$$

$$DL = 2.106$$

Weight: <None>

Min Conc: 0



	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

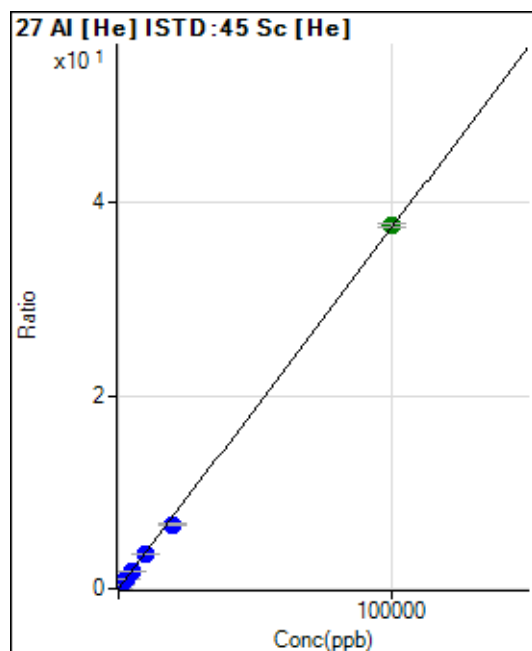
$$y = 8.3147\text{E-}004 * x + 5.6586\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.4069$$

Weight: <None>

Min Conc: 0



	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

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

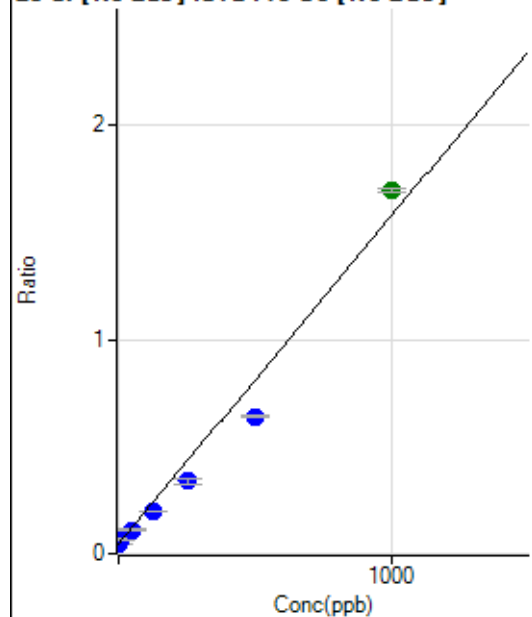
$$R = 0.9997$$

$$DL = 0.7687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

$$y = 0.0015 * x + 0.0461$$

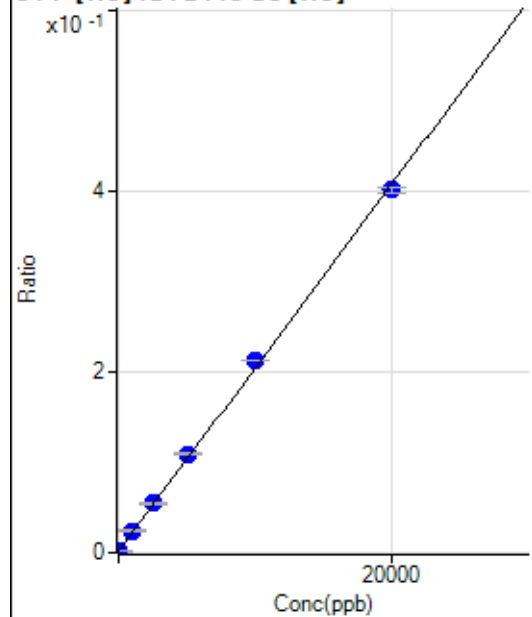
$$R = 0.9893$$

$$DL = 0.6678$$

Weight: <None>

Min Conc: 0

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



	Rj 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

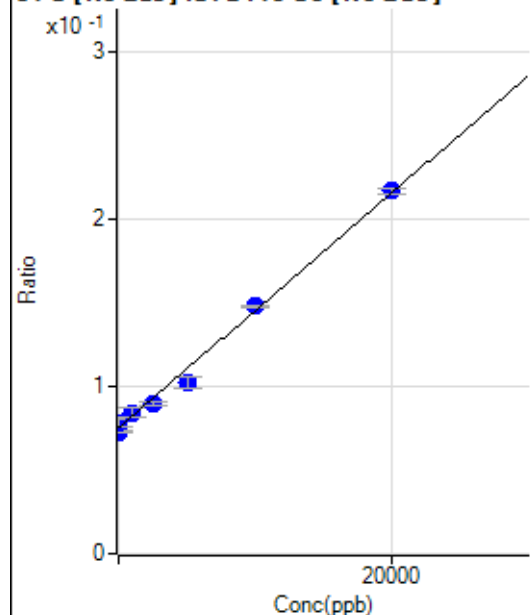
$$y = 2.0293E-005 * x + 0.0016$$

$$R = 0.9996$$

$$DL = 24.61$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-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

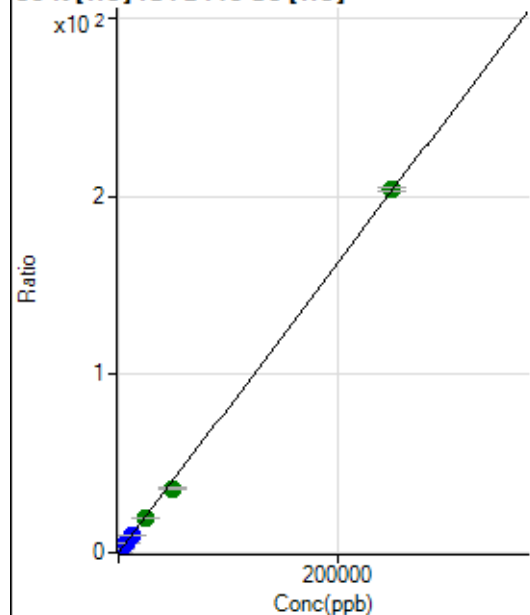
$$y = 7.0270\text{E-}006 * x + 0.0754$$

$$R = 0.9972$$

$$DL = 1415$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

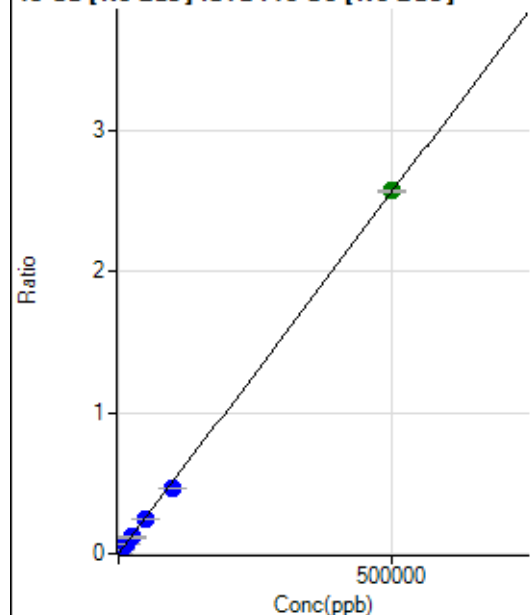
$$y = 8.0963\text{E-}004 * x + 0.0897$$

$$R = 0.9997$$

$$DL = 7.711$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

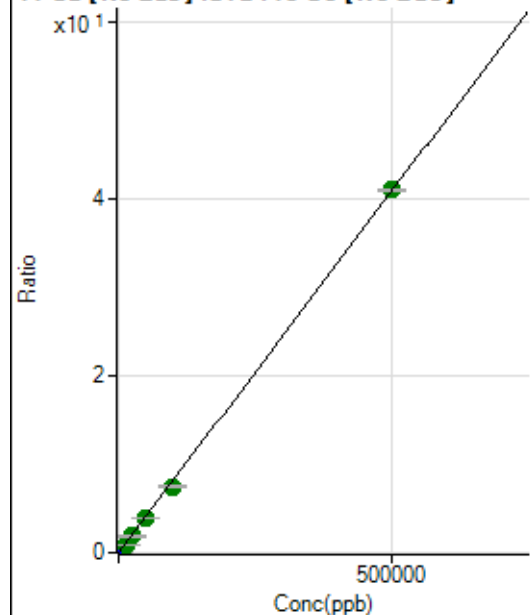
$$y = 5.1227\text{E-}006 * x + 4.3156\text{E-}005$$

$$R = 0.9998$$

$$DL = 4.763$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

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

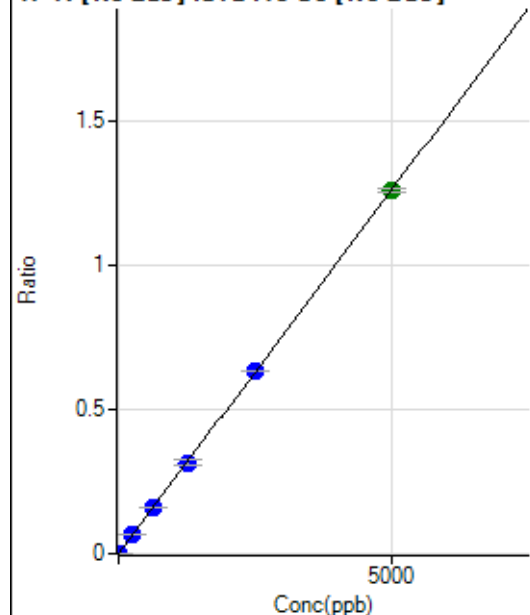
$$R = 0.9998$$

$$DL = 2.232$$

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

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

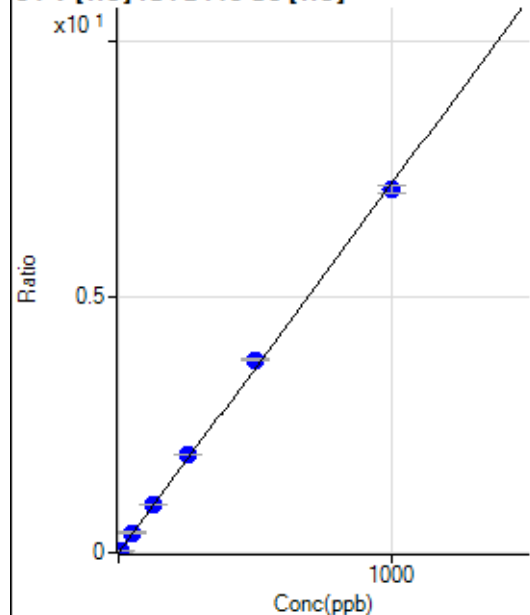
$$R = 1.0000$$

$$DL = 0.09749$$

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

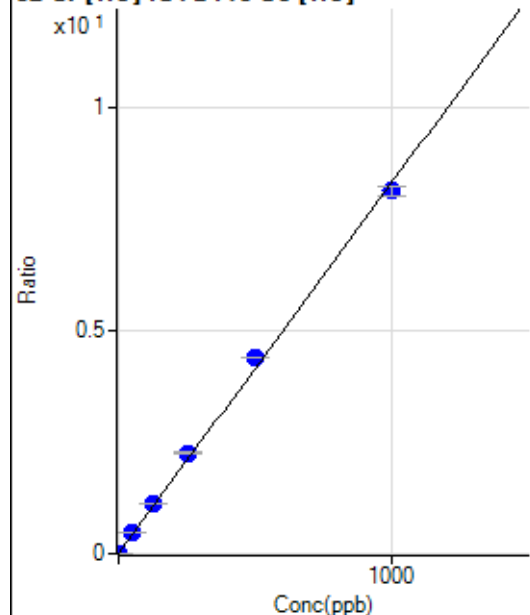
$$y = 0.0072 * x + 5.1707\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.009267$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

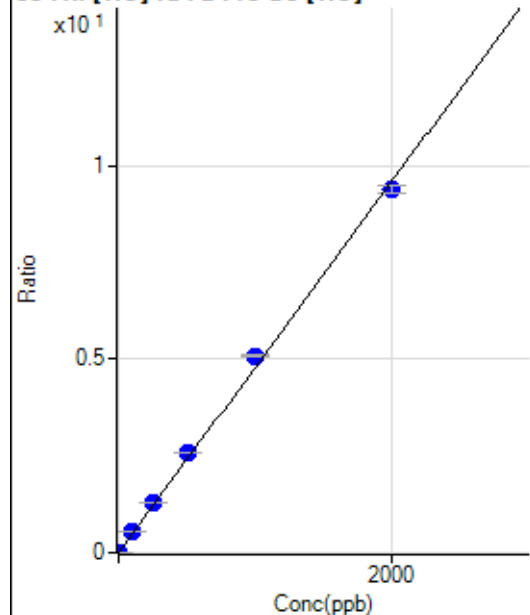
$$y = 0.0083 * x + 0.0029$$

$$R = 0.9991$$

$$DL = 0.03935$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

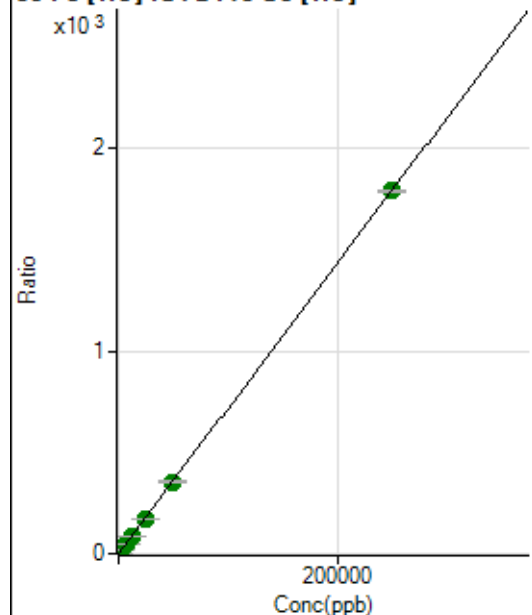
$$y = 0.0048 * x + 1.4219E-004$$

$$R = 0.9991$$

$$DL = 0.04255$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

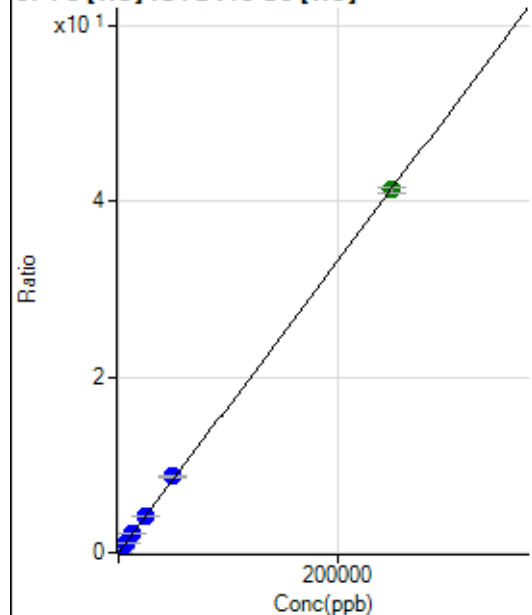
$$y = 0.0072 * x + 0.0152$$

$$R = 1.0000$$

$$DL = 0.2833$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

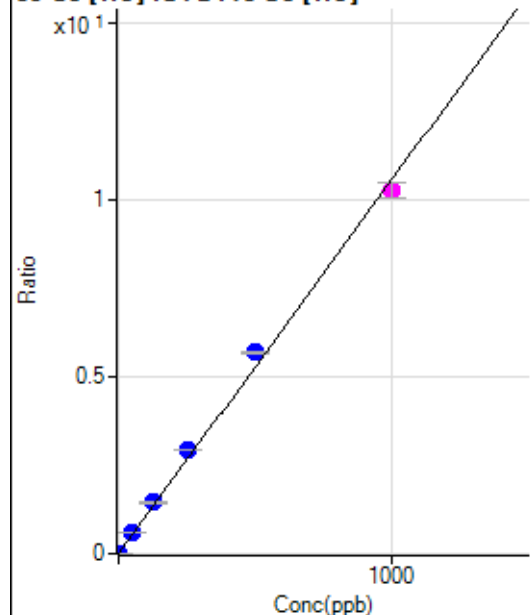
$$y = 1.6541E-004 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 1.458$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

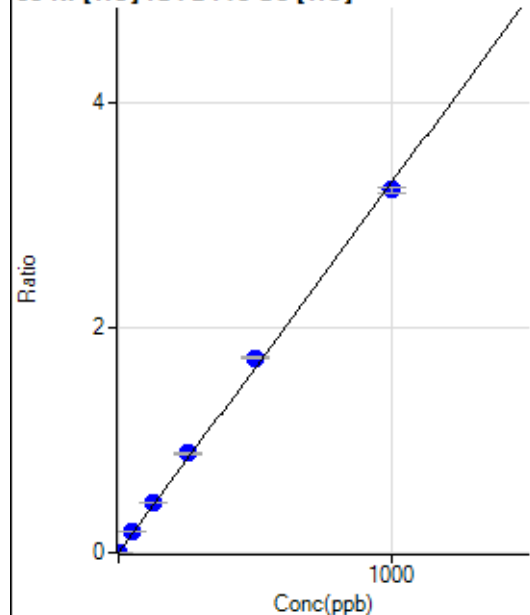
$$y = 0.0106 * x + 2.7153E-004$$

$$R = 0.9983$$

$$DL = 0.01453$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

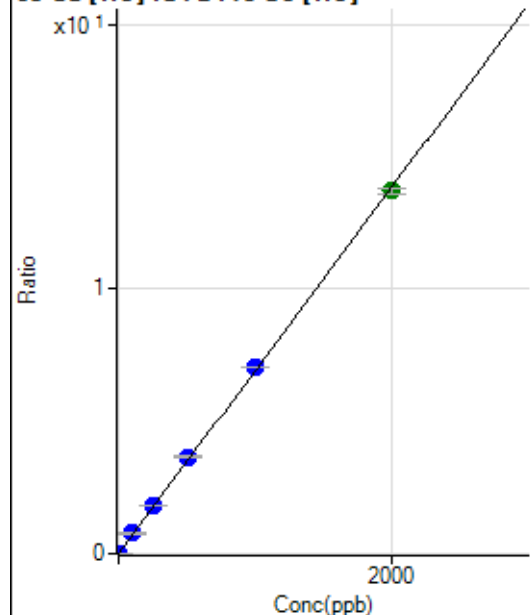
$$y = 0.0033 * x + 2.1615E-004$$

$$R = 0.9993$$

$$DL = 0.0477$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

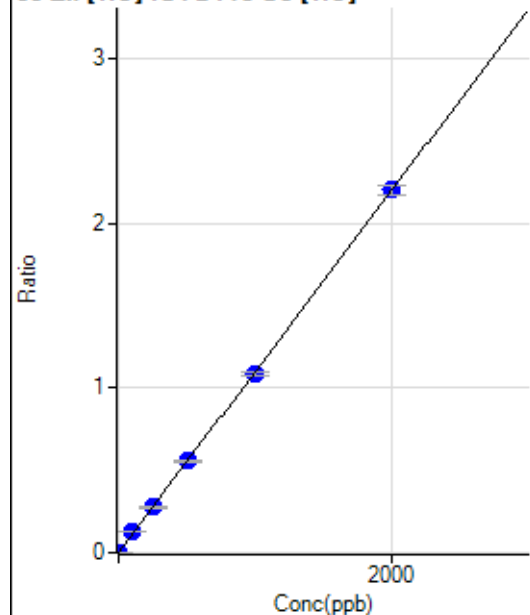
$$y = 0.0069 * x + 0.0018$$

$$R = 0.9998$$

$$DL = 0.09989$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

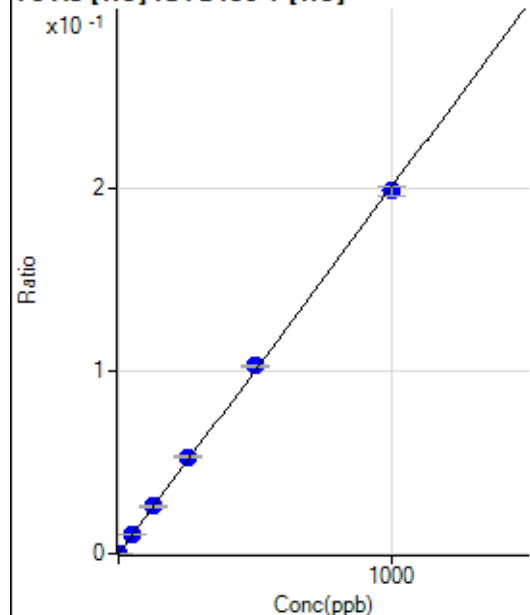
$$y = 0.0011 * x + 6.7234E-004$$

$$R = 0.9999$$

$$DL = 0.3515$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.32	0.0000	P	66.5
2	☐	0.100					
3	☐	1.000	1.103	143.83	0.0002	P	6.5
4	☐	50.000	53.770	6593.51	0.0108	P	1.0
5	☐	125.000	129.247	16115.81	0.0260	P	2.2
6	☐	250.000	263.323	32374.89	0.0529	P	1.3
7	☐	500.000	512.718	66745.33	0.1031	P	0.6
8	☐	1000.000	989.591	132702.42	0.1990	P	2.7
9	☐			188.89	0.0003	P	12.8

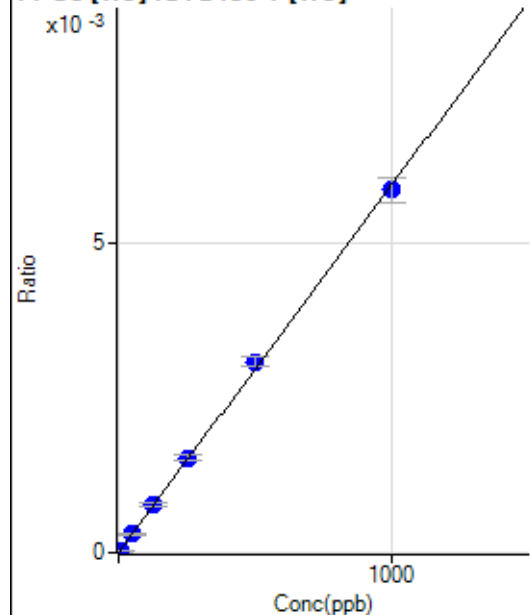
$$y = 2.0105\text{E-}004 * x + 6.8372\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.06784$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	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

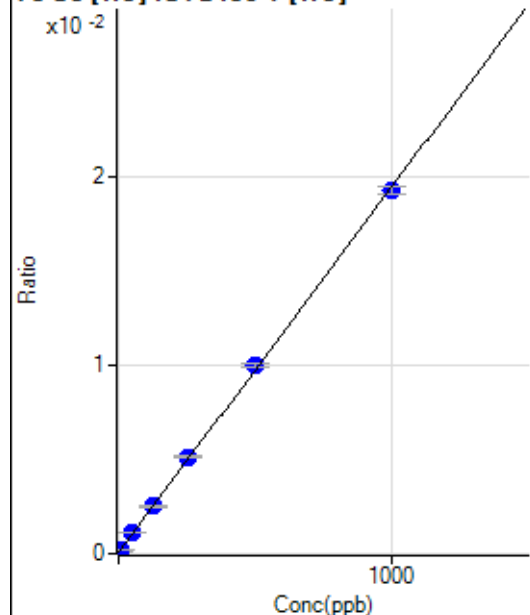
$$y = 5.9414\text{E-}006 * x + 1.7688\text{E-}006$$

$$R = 0.9997$$

$$DL = 1.547$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

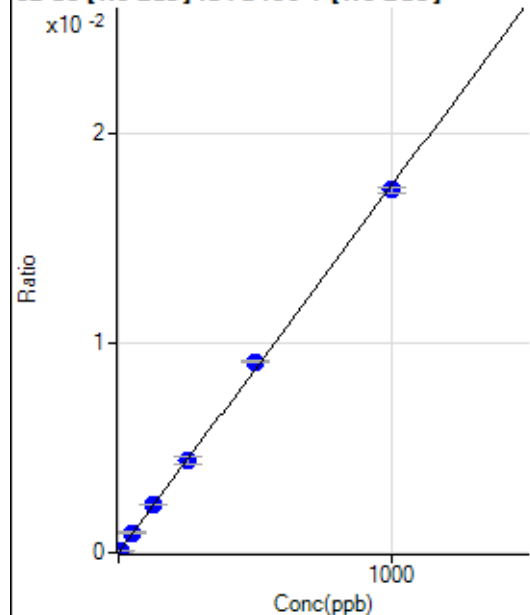
$$y = 1.9384\text{E-}005 * x + 6.4254\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.456$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.97	0.0000	P	115.
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

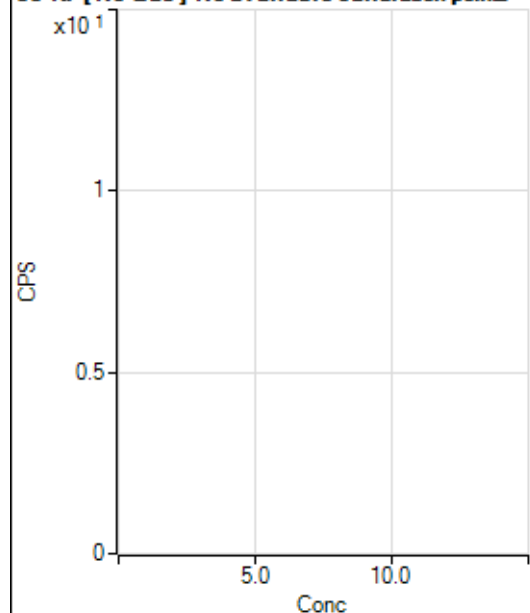
$$y = 1.7481\text{E-}005 * x + 7.8453\text{E-}006$$

$$R = 0.9997$$

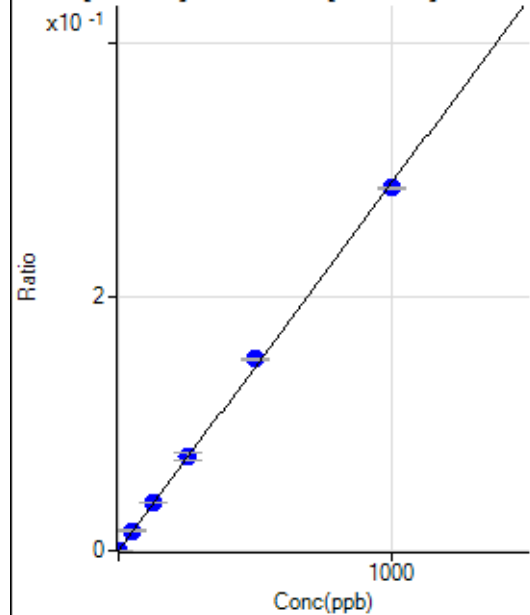
$$DL = 1.559$$

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

$$y = 2.8898\text{E-}004 * x + 5.6929\text{E-}005$$

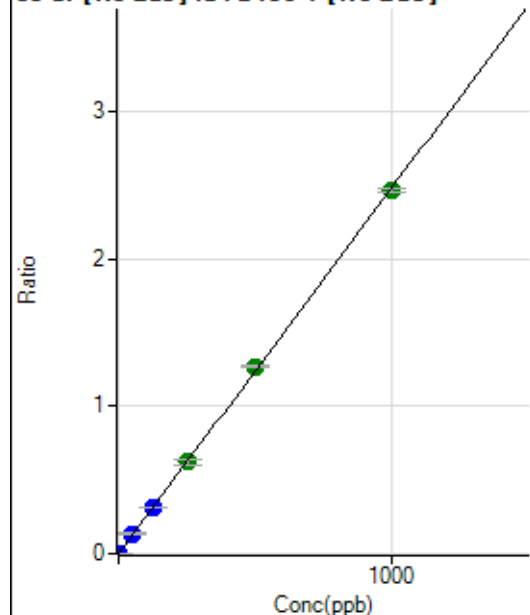
$$R = 0.9997$$

$$DL = 0.03044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

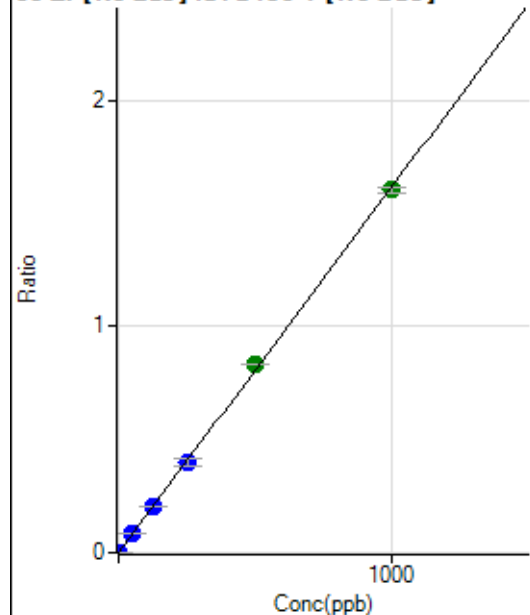
$$R = 0.9999$$

$$DL = 0.007718$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

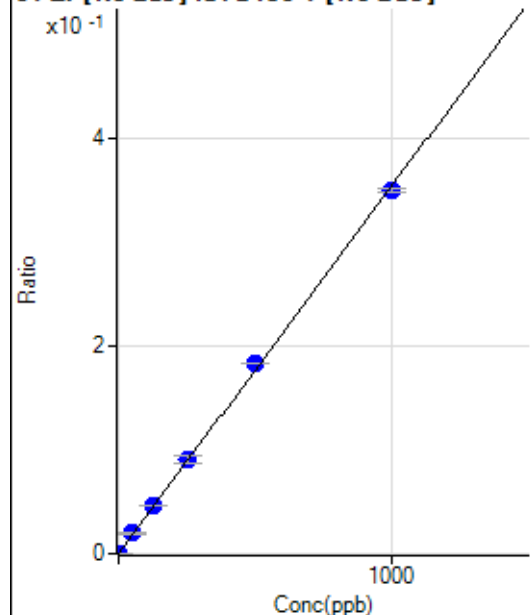
$$R = 0.9998$$

$$DL = 0.003312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	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

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

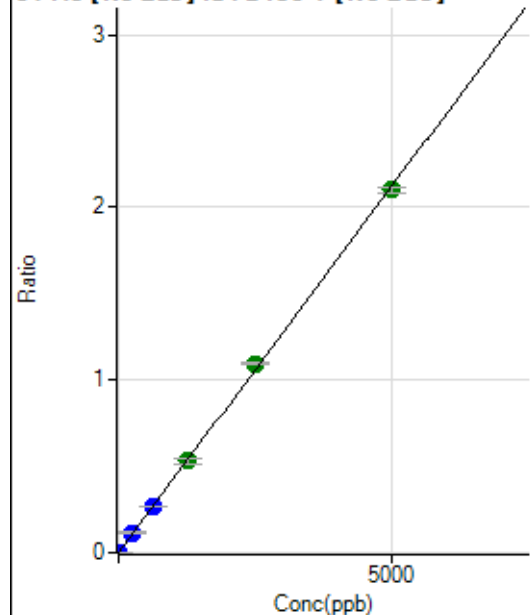
$$R = 0.9997$$

$$DL = 0.1316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	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

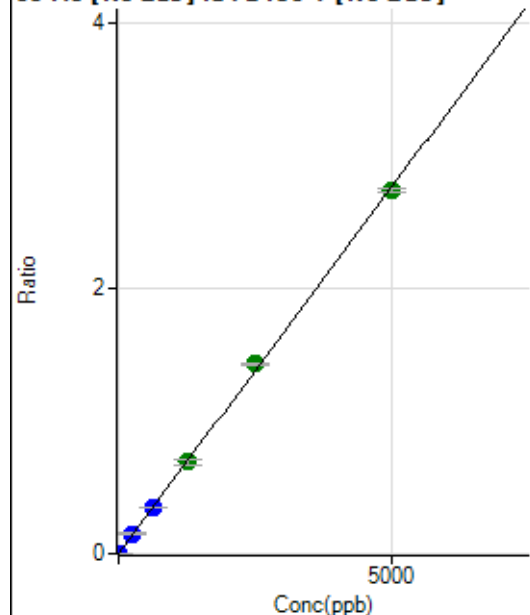
$$y = 4.2411\text{E-}004 * x + 3.5883\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.09652$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

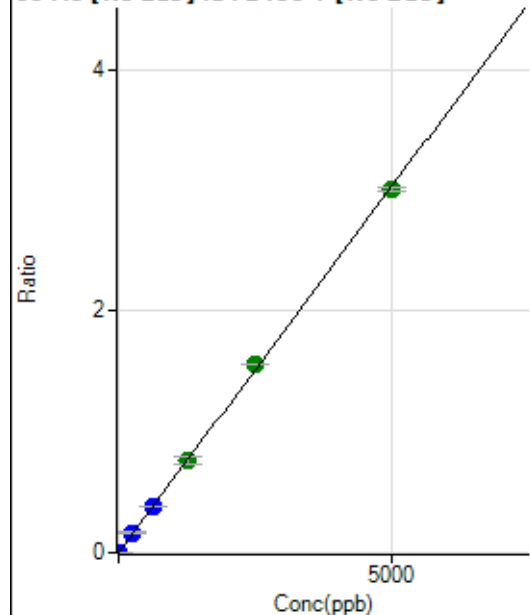
$$y = 5.5263\text{E-}004 * x + 1.9519\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.05711$$

Weight: <None>

Min Conc: 0

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

	Rj 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

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

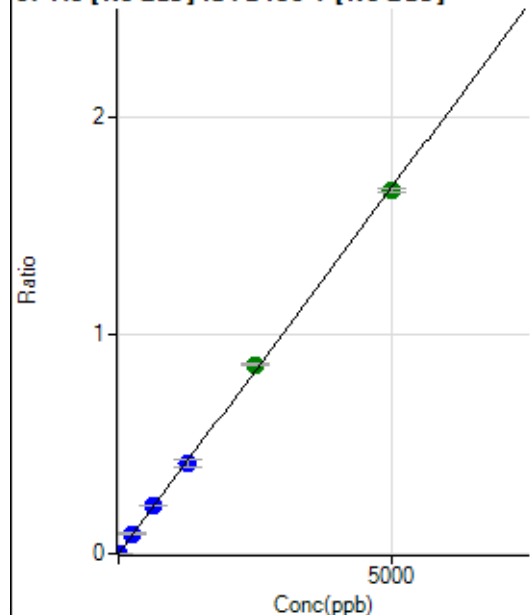
$$R = 0.9998$$

$$DL = 0.07488$$

Weight: <None>

Min Conc: 0

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



	Rj 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

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

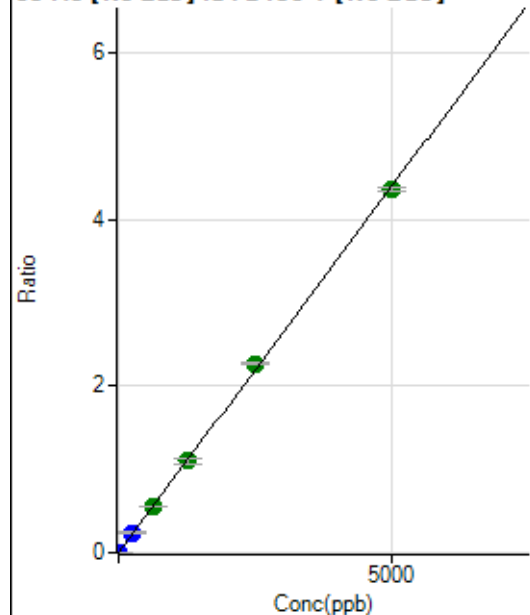
$$R = 0.9998$$

$$DL = 0.06916$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

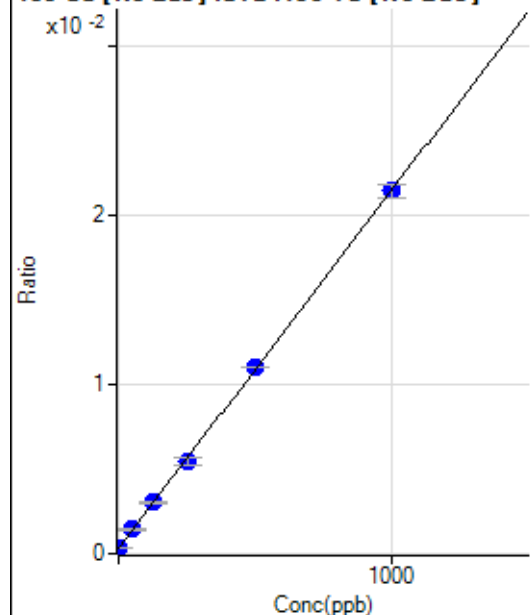
$$R = 0.9998$$

$$DL = 0.01535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

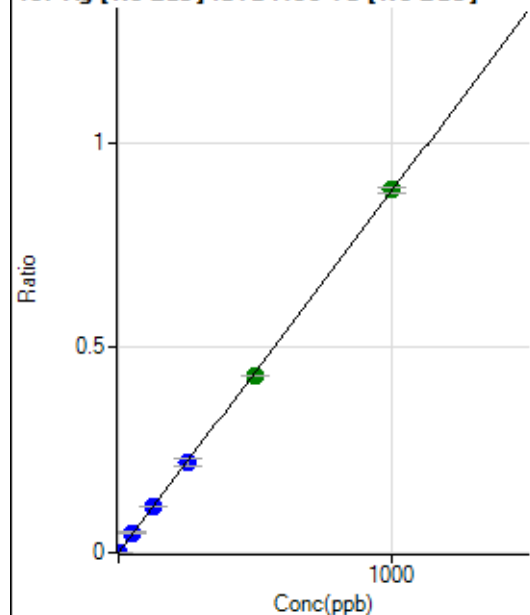
$$R = 0.9999$$

$$DL = 3.473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

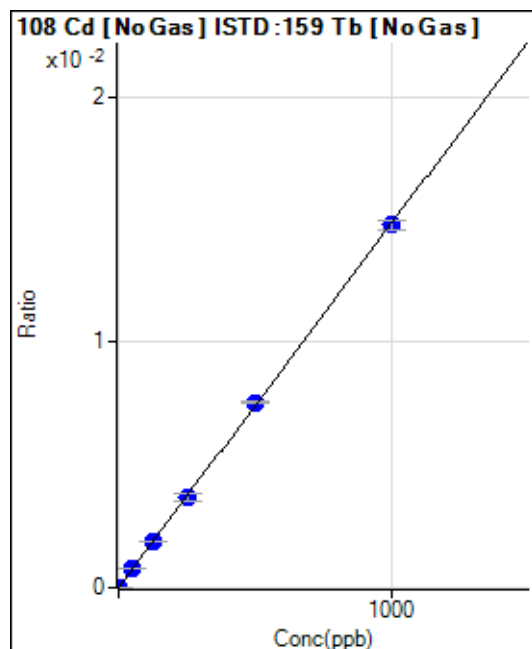
$$y = 8.8132\text{E-}004 * x + 1.0365\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01126$$

Weight: <None>

Min Conc: 0



	Rj 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

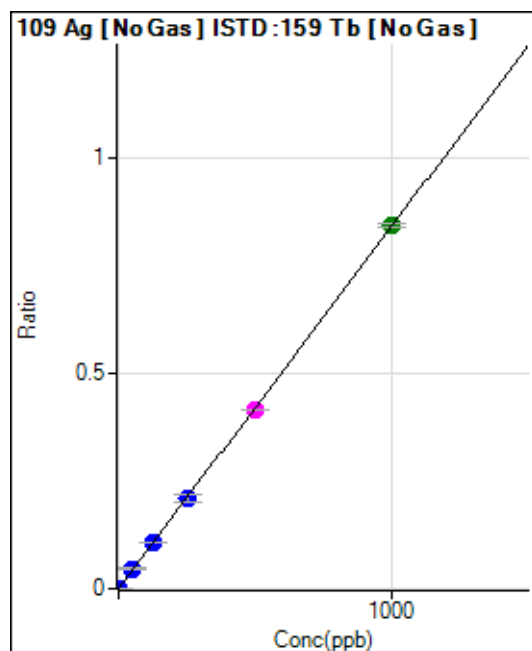
$$y = 1.4830E-005 * x + 1.4854E-006$$

$$R = 0.9999$$

$$DL = 0.1313$$

Weight: <None>

Min Conc: 0



	Rj 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

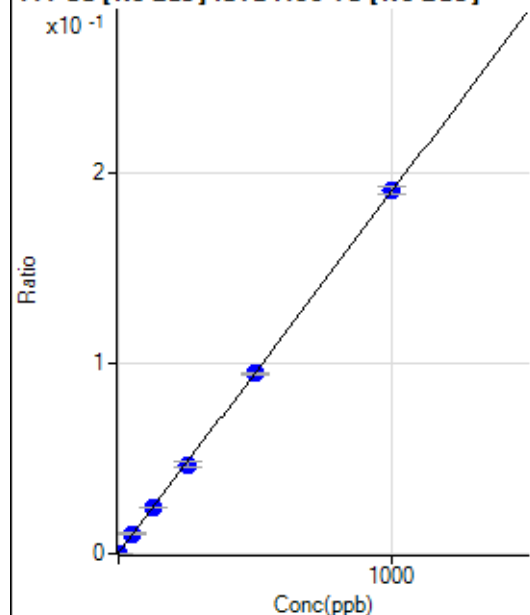
$$y = 8.4236E-004 * x + 6.6749E-006$$

$$R = 1.0000$$

$$DL = 0.0003202$$

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

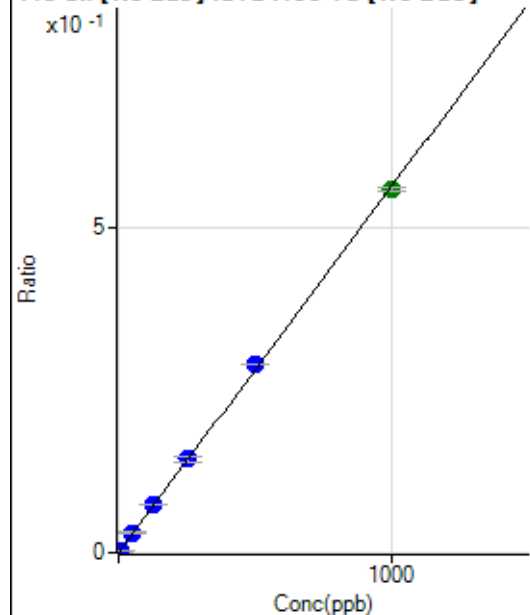
$$y = 1.9002\text{E-}004 * x + 2.2160\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2708$$

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

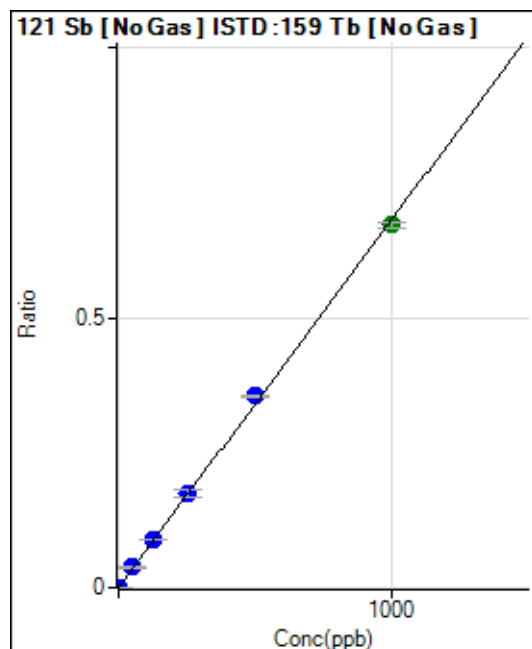
$$y = 5.6447\text{E-}004 * x + 5.1166\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.03519$$

Weight: <None>

Min Conc: 0



	R _{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

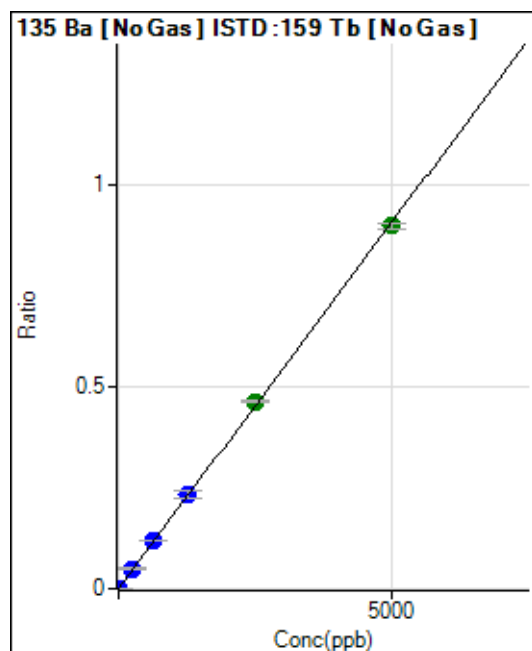
$$y = 6.8099\text{E-}004 * x + 1.8501\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.02362$$

Weight: <None>

Min Conc: 0



	R _{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

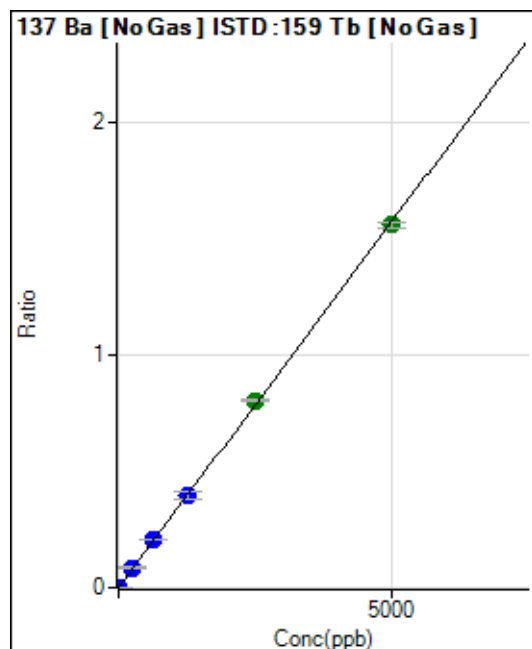
$$y = 1.8158\text{E-}004 * x + 5.1651\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.05477$$

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

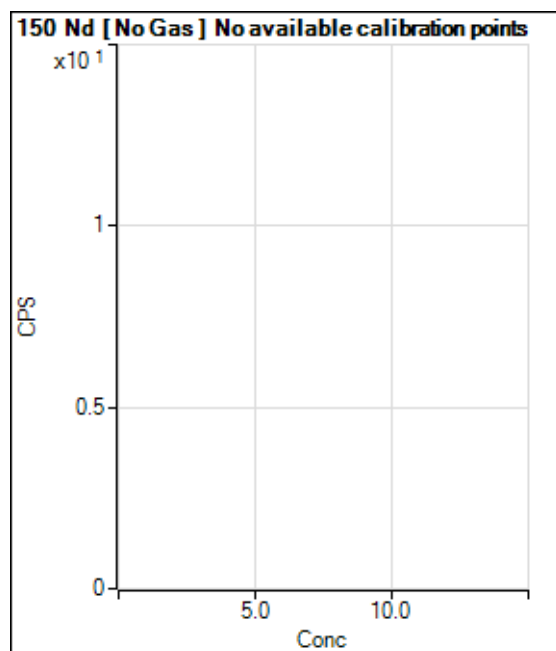
$$y = 3.1482\text{E-}004 * x + 7.4118\text{E-}006$$

$$R = 0.9999$$

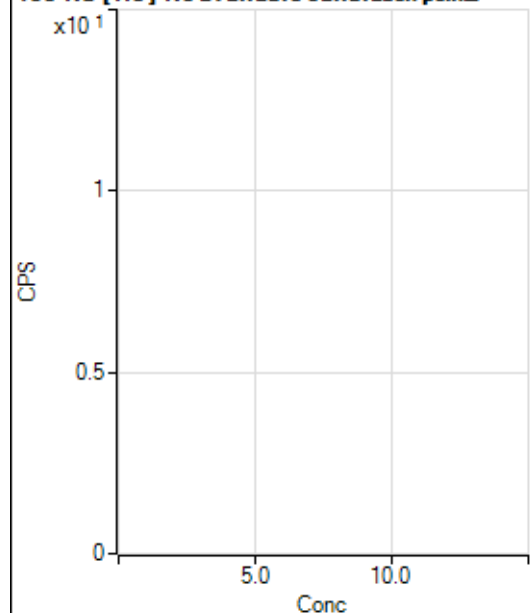
$$DL = 0.05366$$

Weight: <None>

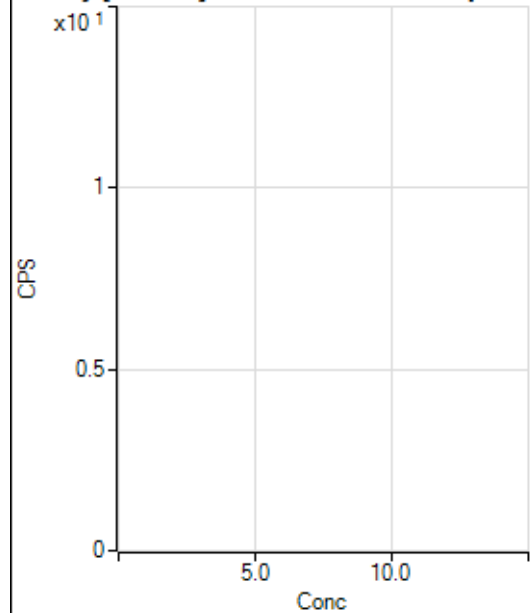
Min Conc: 0



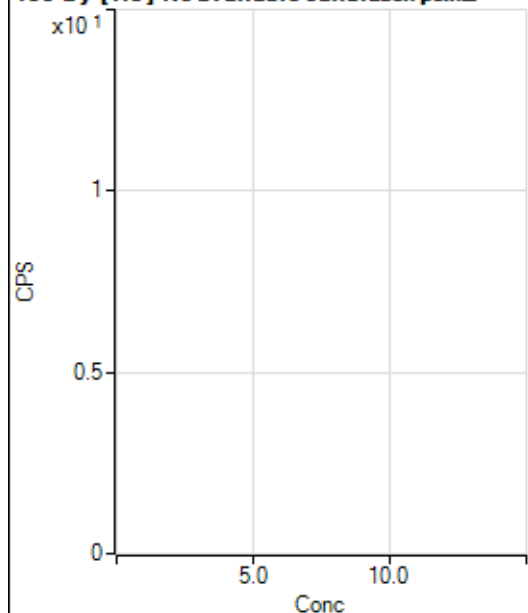
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.45		P	86.6
4	☐			8.89		P	43.3
5	☐			40.00		P	33.3
6	☐			46.67		P	28.6
7	☐			128.89		P	15.8
8	☐			204.45		P	6.8
9	☐			73.34		P	27.3

150 Nd [He] No available calibration points

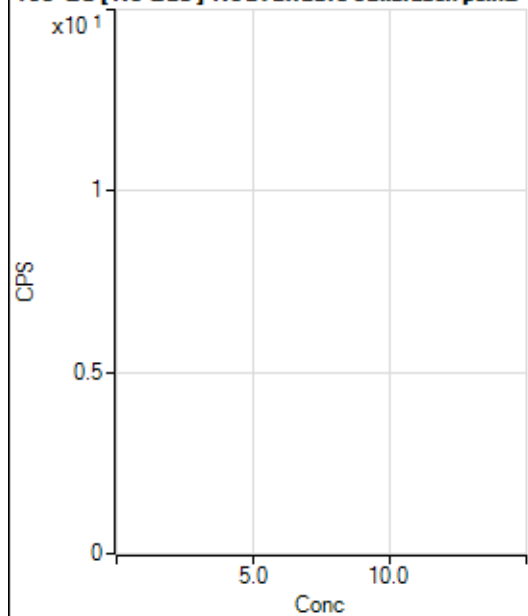
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			5.55		P	69.3
6	☐			11.11		P	17.3
7	☐			16.67		P	20.0
8	☐			25.55		P	41.9
9	☐			25.56		P	32.8

156 Dy [No Gas] No available calibration points

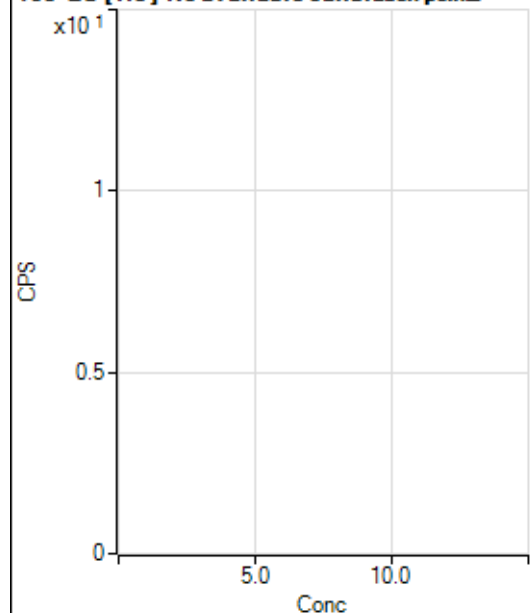
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			2.78		P	173.
4	☐			5.56		P	173.
5	☐			16.67		P	50.0
6	☐			8.33		P	100.
7	☐			11.11		P	43.3
8	☐			52.78		P	63.8
9	☐			22.22		P	21.6

156 Dy [He] No available calibration points

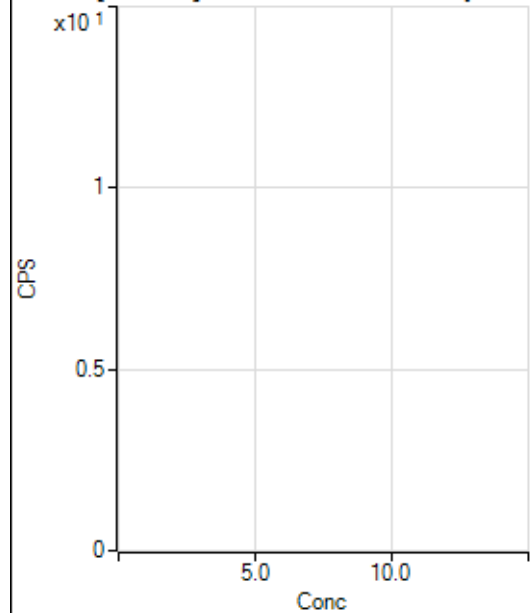
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	0.0
4	☐			3.33		P	100.
5	☐			11.11		P	62.5
6	☐			22.22		P	43.3
7	☐			46.67		P	39.8
8	☐			84.45		P	8.2
9	☐			11.11		P	69.3

160 Gd [No Gas] Noavailable calibration poin_

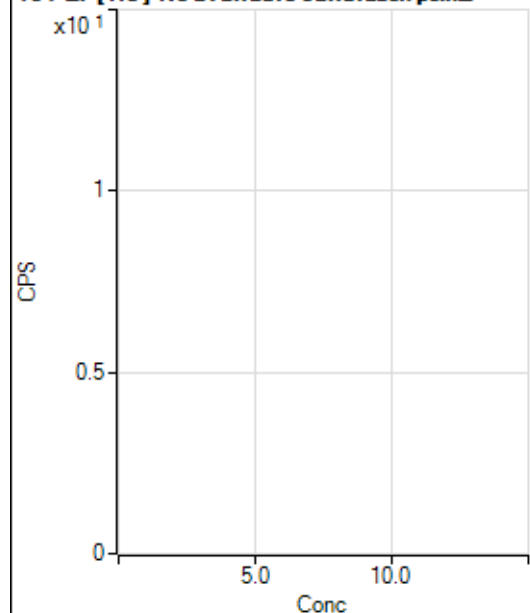
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	66.7
2	☐						
3	☐			16.67		P	NaN
4	☐			16.67		P	100.
5	☐			13.89		P	69.3
6	☐			13.89		P	69.3
7	☐			27.78		P	34.6
8	☐			41.67		P	20.0
9	☐			50.00		P	0.0

160 Gd [He] No available calibration points

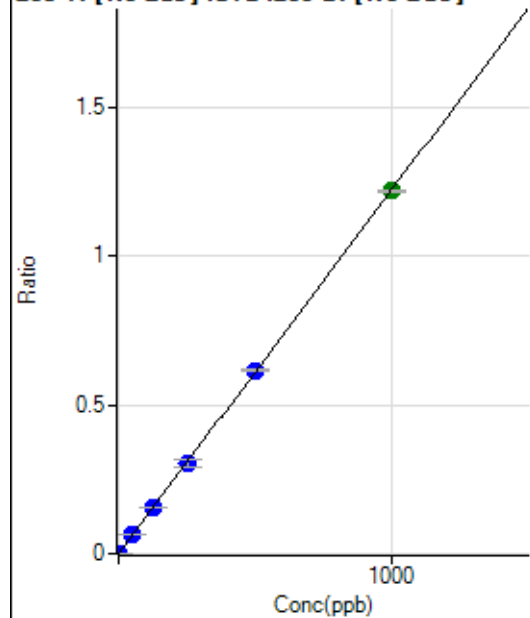
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.34		P	35.5
2	☐						
3	☐			78.89		P	24.0
4	☐			58.89		P	21.4
5	☐			78.89		P	4.9
6	☐			64.45		P	30.3
7	☐			80.00		P	31.5
8	☐			86.67		P	27.7
9	☐			70.00		P	26.5

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.
6	☐			16.67		P	50.0
7	☐			11.11		P	114.
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.
5	☐			6.67		P	50.0
6	☐			4.44		P	43.4
7	☐			6.67		P	50.0
8	☐			4.44		P	114.
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

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

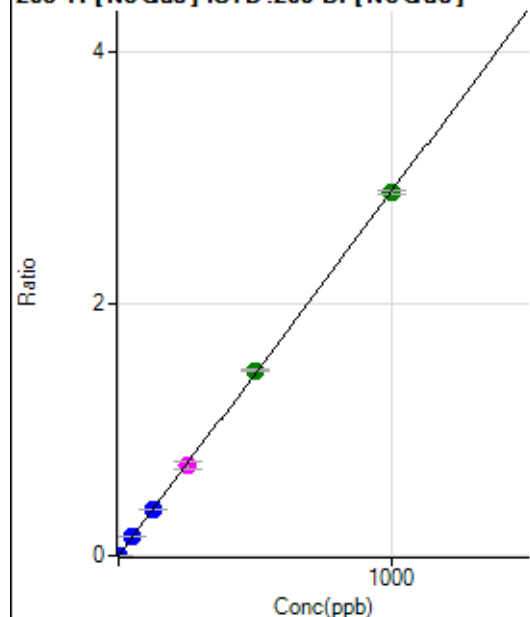
$$R = 1.0000$$

$$DL = 0.01492$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

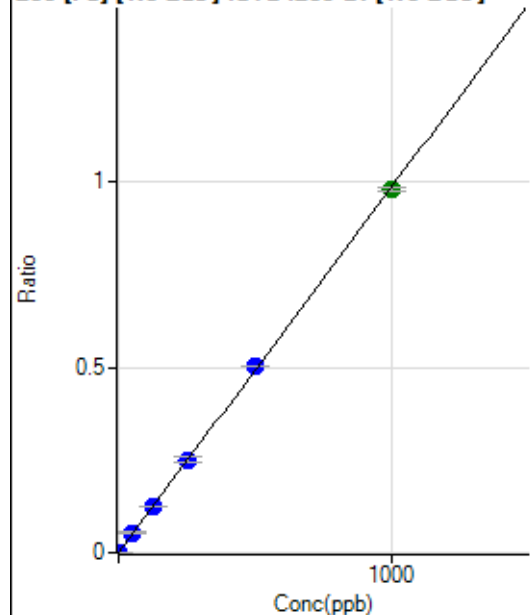
$$R = 1.0000$$

$$DL = 0.01688$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

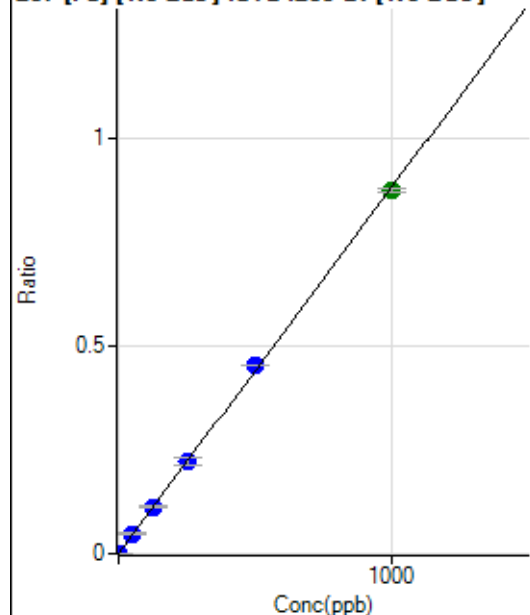
$$R = 0.9999$$

$$DL = 0.05391$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

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

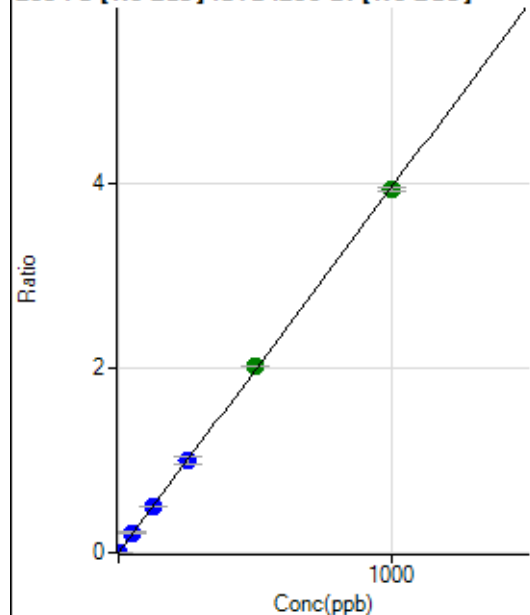
$$R = 0.9998$$

$$DL = 0.09839$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	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

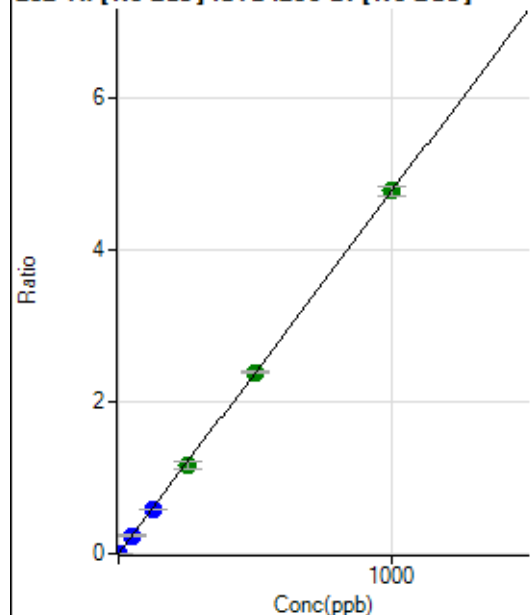
$$y = 0.0039 * x + 8.1580\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.04591$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj 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

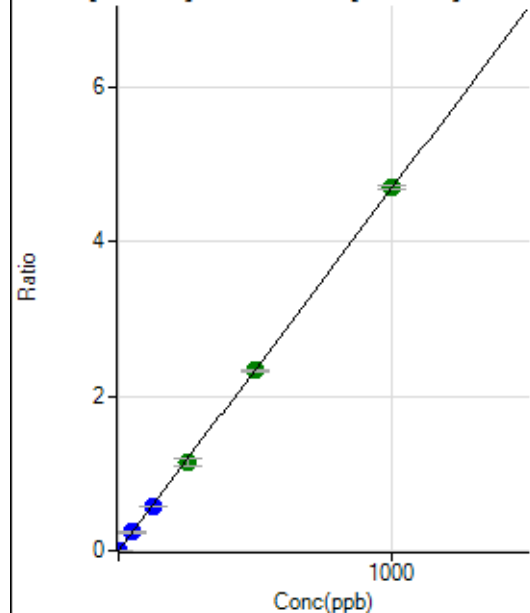
$$y = 0.0048 * x + 4.0748E-005$$

$$R = 1.0000$$

$$DL = 0.002436$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj 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

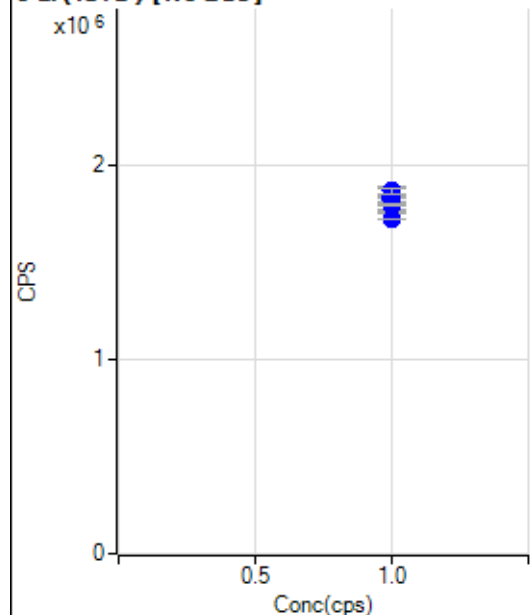
$$y = 0.0047 * x + 6.6619E-005$$

$$R = 1.0000$$

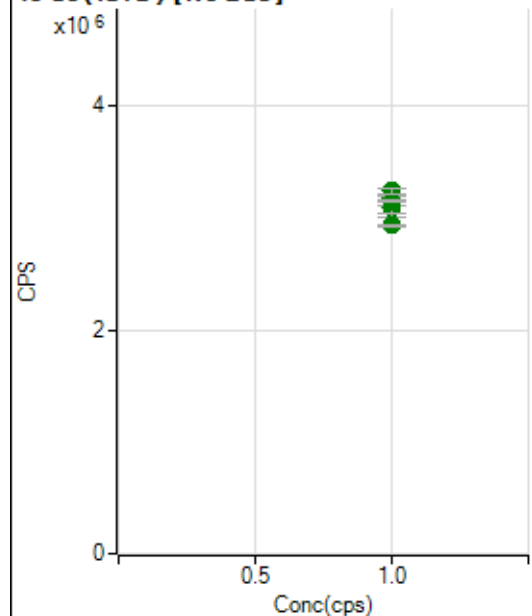
$$DL = 0.01124$$

Weight: <None>

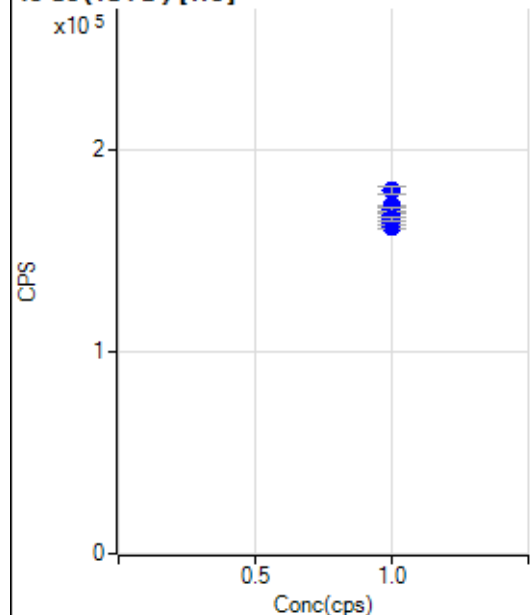
Min Conc: 0

6 Li (ISTD) [No Gas]

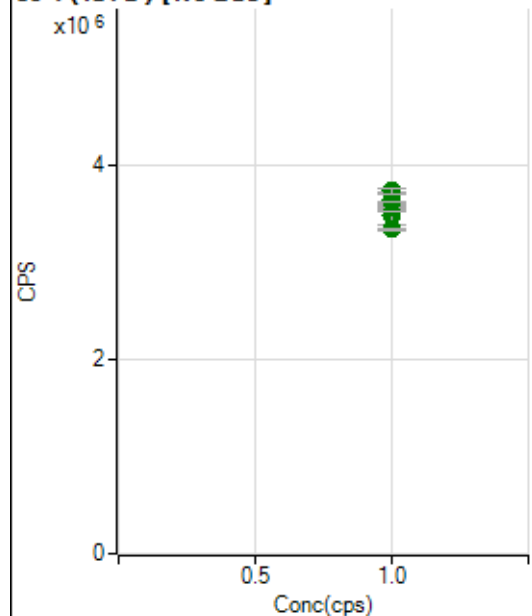
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1826554.01		P	1.6
2	☐	1.000					
3	☐	1.000		1791883.51		P	2.4
4	☐	1.000		1805459.25		P	5.2
5	☐	1.000		1846421.26		P	1.0
6	☐	1.000		1838622.90		P	6.5
7	☐	1.000		1798276.26		P	0.6
8	☐	1.000		1872039.49		P	1.4
9	☐	1.000		1725586.72		P	0.4

45 Sc (ISTD) [No Gas]

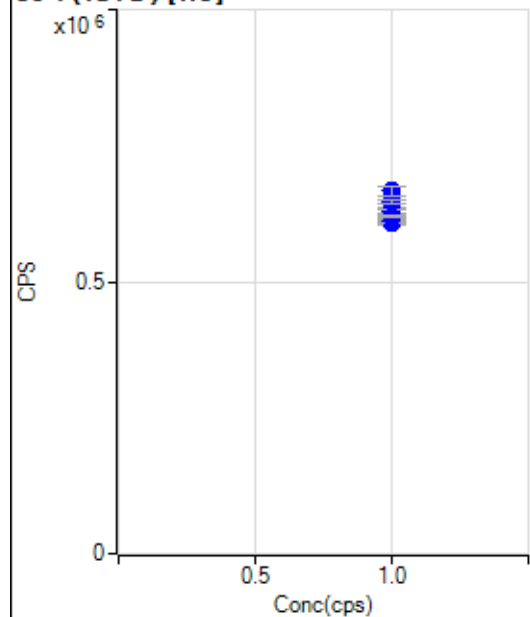
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3154919.58		A	0.5
2	☐	1.000					
3	☐	1.000		3178001.05		A	2.1
4	☐	1.000		3096140.22		A	6.1
5	☐	1.000		3112225.31		A	0.5
6	☐	1.000		3155420.91		A	7.2
7	☐	1.000		3152098.81		A	0.3
8	☐	1.000		3244368.24		A	1.5
9	☐	1.000		2933424.35		A	0.2

45 Sc (ISTD) [He]

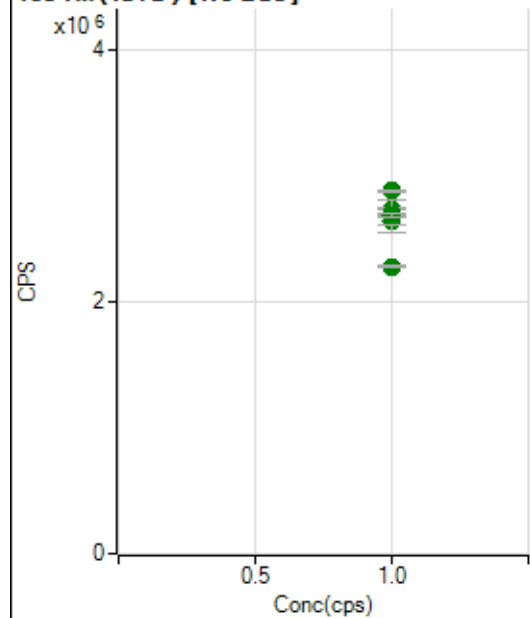
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		171856.33		P	0.2
2	☐	1.000					
3	☐	1.000		169107.30		P	0.6
4	☐	1.000		161829.52		P	1.4
5	☐	1.000		167434.05		P	0.7
6	☐	1.000		163760.19		P	0.8
7	☐	1.000		170419.47		P	1.2
8	☐	1.000		179463.80		P	2.0
9	☐	1.000		165476.99		P	1.6

89 Y (ISTD) [No Gas]

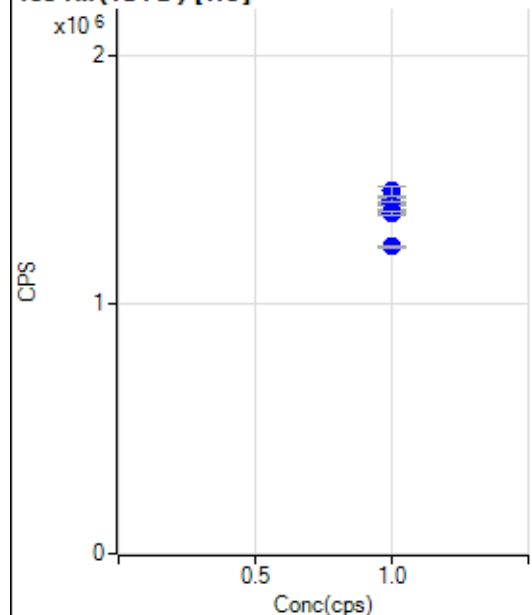
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3707420.68		A	1.0
2	☐	1.000					
3	☐	1.000		3578379.19		A	1.7
4	☐	1.000		3488416.20		A	6.1
5	☐	1.000		3569225.61		A	0.1
6	☐	1.000		3638187.55		A	6.9
7	☐	1.000		3621469.77		A	0.2
8	☐	1.000		3731243.80		A	1.2
9	☐	1.000		3339281.37		A	0.4

89 Y(ISTD) [He]

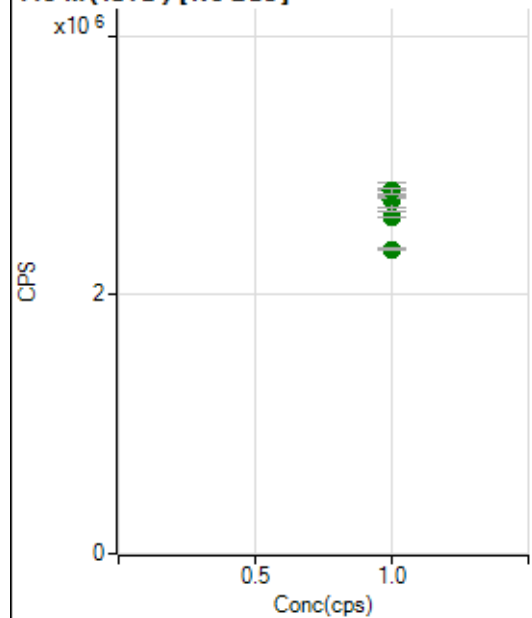
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		634717.44		P	1.0
2	☐	1.000					
3	☐	1.000		629064.79		P	1.0
4	☐	1.000		609567.84		P	1.3
5	☐	1.000		620069.04		P	0.5
6	☐	1.000		611385.45		P	1.2
7	☐	1.000		647468.32		P	1.0
8	☐	1.000		667238.36		P	2.5
9	☐	1.000		620367.92		P	0.8

103 Rh(ISTD) [No Gas]

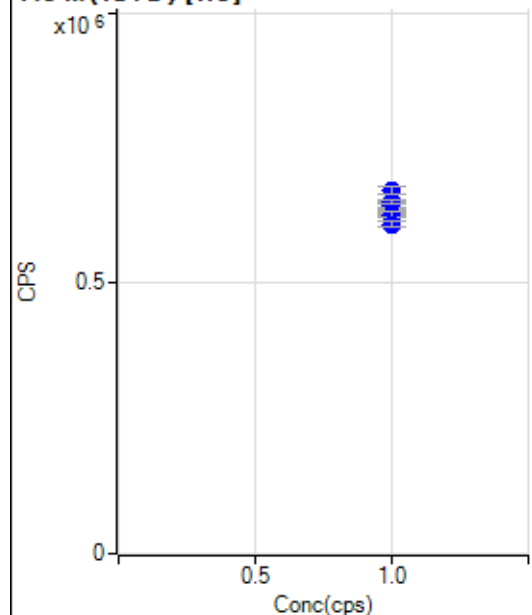
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2878649.35		A	0.8
2	☐	1.000					
3	☐	1.000		2725387.26		A	1.7
4	☐	1.000		2639688.12		A	6.7
5	☐	1.000		2679633.28		A	1.1
6	☐	1.000		2704248.84		A	7.2
7	☐	1.000		2680459.11		A	0.4
8	☐	1.000		2686794.37		A	1.5
9	☐	1.000		2280218.32		A	0.4

103 Rh (ISTD) [He]

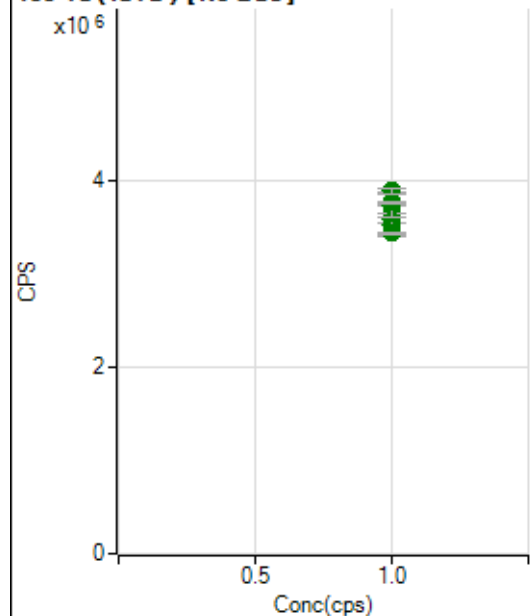
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1432173.09		P	0.3
2	☐	1.000					
3	☐	1.000		1402138.03		P	0.6
4	☐	1.000		1374210.31		P	0.8
5	☐	1.000		1405386.04		P	0.6
6	☐	1.000		1366853.09		P	1.1
7	☐	1.000		1420996.02		P	1.1
8	☐	1.000		1456489.70		P	2.6
9	☐	1.000		1232472.57		P	0.7

115 In (ISTD) [No Gas]

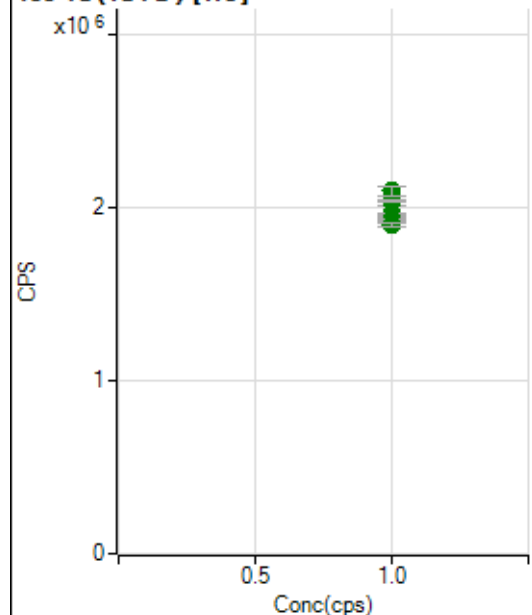
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2598301.43		A	0.4
2	☐	1.000					
3	☐	1.000		2769038.97		A	2.2
4	☐	1.000		2726436.58		A	6.5
5	☐	1.000		2762454.62		A	0.8
6	☐	1.000		2767033.37		A	7.4
7	☐	1.000		2758286.26		A	0.5
8	☐	1.000		2800571.46		A	1.5
9	☐	1.000		2349764.97		A	0.5

115 In (ISTD) [He]

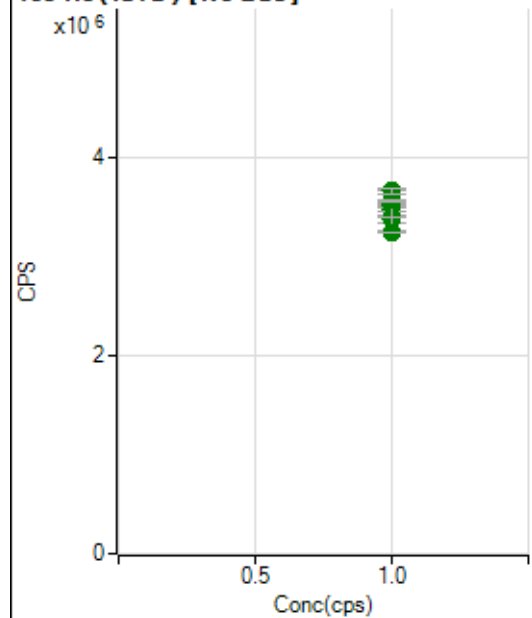
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		651853.73		P	0.6
2	☐	1.000					
3	☐	1.000		642832.40		P	0.9
4	☐	1.000		627362.85		P	0.8
5	☐	1.000		636899.12		P	0.5
6	☐	1.000		626704.85		P	1.5
7	☐	1.000		651516.42		P	1.2
8	☐	1.000		670944.90		P	2.2
9	☐	1.000		608850.06		P	1.5

159 Tb (ISTD) [No Gas]

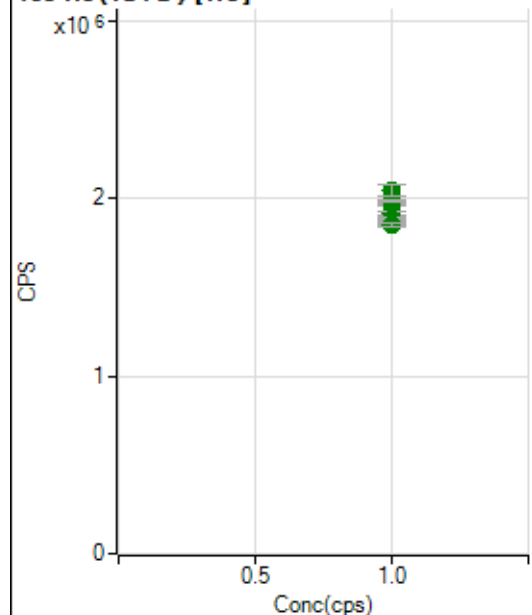
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3745816.44		A	1.4
2	☐	1.000					
3	☐	1.000		3579103.28		A	1.6
4	☐	1.000		3523462.62		A	6.5
5	☐	1.000		3645277.03		A	0.4
6	☐	1.000		3735803.17		A	7.4
7	☐	1.000		3763853.21		A	0.2
8	☐	1.000		3887982.55		A	1.5
9	☐	1.000		3435412.97		A	0.3

159 Tb (ISTD) [He]

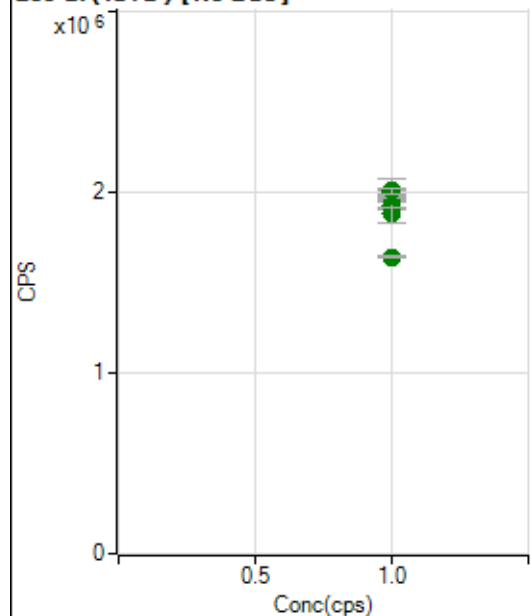
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2028845.58		A	1.2
2	☐	1.000					
3	☐	1.000		1939677.28		A	0.7
4	☐	1.000		1901698.74		A	1.1
5	☐	1.000		1964215.32		A	0.5
6	☐	1.000		1932674.90		A	0.5
7	☐	1.000		2037244.28		A	0.6
8	☐	1.000		2096761.64		A	2.5
9	☐	1.000		1901064.52		A	0.9

165 Ho (ISTD) [No Gas]

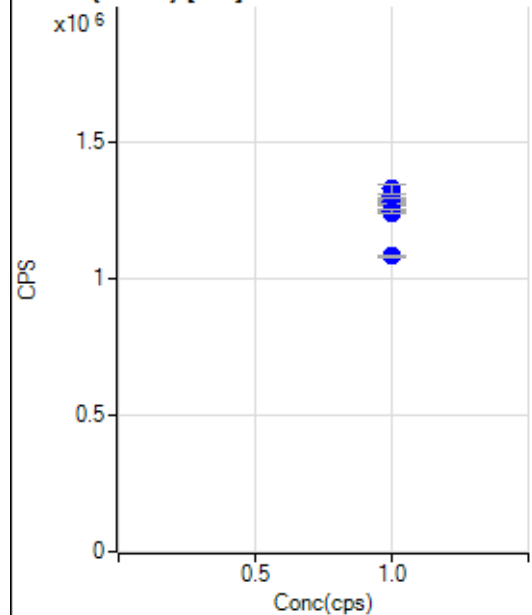
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3481968.39		A	1.1
2	☐	1.000					
3	☐	1.000		3387628.85		A	2.0
4	☐	1.000		3392067.13		A	7.2
5	☐	1.000		3519108.37		A	0.7
6	☐	1.000		3540821.84		A	7.6
7	☐	1.000		3571467.79		A	0.9
8	☐	1.000		3670285.80		A	1.5
9	☐	1.000		3251164.29		A	0.4

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

209 Bi (ISTD) [He]

	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

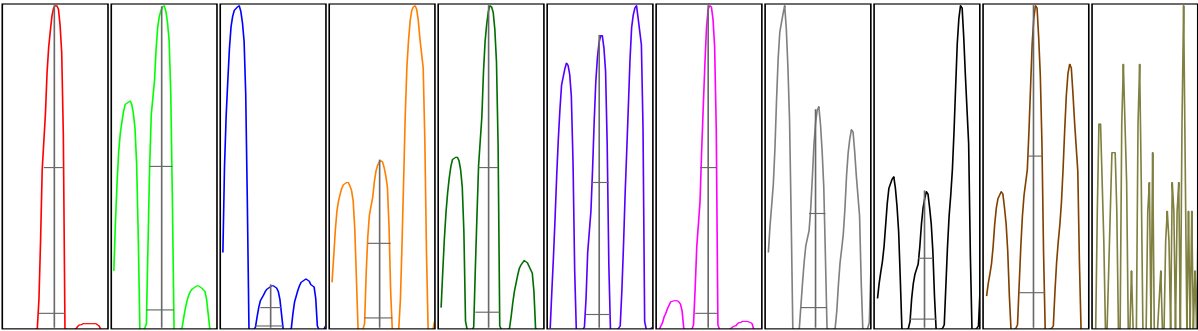
Batch Folder D:\ICP-MS Data\P7070519-MS.b
Report Comment
Instrument Name G8403A JP14410463

[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 : LB103824 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	75-2	-0.02	0.02	-0.01	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	1.12	1.17	1.02	1.10	6.73	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 :	LB103824	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	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 :	LB103824	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 :	LB103824	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	75-2	53.62	54.38	53.31	53.77	1.03	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	129.58	131.85	126.31	129.25	2.15	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 :	LB103824	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
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 :	LB103824	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 :	LB103824	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	75-2	259.79	266.80	263.38	263.32	1.33	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	512.30	515.83	510.03	512.72	0.57	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	981.85	967.90	1019.02	989.59	2.67	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	1.46	1.29	1.68	1.48	13.09	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	206.79	206.83	209.67	207.76	0.80	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	0.02	0.08	0.05	0.05	53.02	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	0.53	0.52	0.49	0.51	4.14	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	20.37	20.70	19.92	20.33	1.92	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	532.08	540.09	537.11	536.42	0.75	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	1.02	1.16	0.85	1.01	15.35	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	0.01	0.01	-0.01	0.00	508.62	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.89	0.82	0.99	0.90	9.38	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	-0.03	-0.02	-0.01	-0.02		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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	532.41	531.19	532.13	531.91	0.12	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.15	0.21	0.10	0.15	36.55	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.12	0.05	0.02	0.06	80.47	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.06	0.02	0.05	0.04	48.09	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	0.01	0.02	-0.01	0.01	234.41	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	799.98	797.64	792.09	796.57	0.51	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	698.86	775.74	785.19	753.26	6.29	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	801.57	794.54	794.13	796.75	0.52	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	519.01	525.15	520.06	521.41	0.63	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.09	0.17	0.07	0.11	46.23	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	1.20	1.13	1.06	1.13	6.41	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	0.12	0.13	0.04	0.09	51.08	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.03	-0.03	-0.01	0.00		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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	-0.01	-0.01	-0.01	-0.01		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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0.02	0.01	0.01	0.01	77.02	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	534.38	527.67	529.00	530.35	0.67	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	1.03	1.08	0.96	1.02	5.91	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	0.02	0.06	0.02	0.03	68.56	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 :	LB103824	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 :	LB103824	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 :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	1.53	3.38	2.49	37.32	ppb
Antimony	121-1	3.43	3.45	3.58	3.49	2.42	ppb
Arsenic	75-2	0.46	0.45	0.63	0.51	20.00	ppb
Barium	135-1	27.48	28.30	27.75	27.84	1.50	ppb
Barium	137-1	26.88	28.28	27.00	27.39	2.84	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	1695.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	10.66	9.56	10.68	10.30	6.19	ppb
Boron	11-1	11.45	11.78	12.47	11.90	4.35	ppb
Cadmium	111-1	0.57	0.55	0.34	0.49	25.80	ppb
Cadmium	106-1	1.07	0.46	-0.69	0.28	316.77	ppb
Cadmium	108-1	0.58	0.73	0.27	0.53	43.96	ppb
Calcium	43-1	72000.13	72476.46	71528.23	72001.61	0.66	ppb
Calcium	44-1	72941.35	73346.70	72949.11	73079.05	0.32	ppb
Chromium	52-2	2.23	2.15	2.21	2.20	1.75	ppb
Cobalt	59-2	0.05	0.06	0.05	0.06	7.41	ppb
Copper	63-2	4.98	4.90	4.79	4.89	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	6.70	6.66	6.62	6.66	0.58	ppb
Iron	57-2	298.26	331.93	338.12	322.77	6.64	ppb
Krypton	83-1						cps
Lead	206-1	8.80	8.46	7.31	8.19	9.50	ppb
Lead	207-1	8.39	7.74	6.71	7.61	11.14	ppb
Lead	208-1	8.69	8.19	6.98	7.95	11.07	ppb
Lithium	6-1				113		%
Magnesium	24-2	7275.10	7382.93	7420.32	7359.45	1.02	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.34	0.31	0.39	0.35	11.87	ppb
Molybdenum	94-1	0.17	0.14	0.16	0.16	8.77	ppb
Molybdenum	95-1	0.10	0.17	0.09	0.12	33.14	ppb
Molybdenum	96-1	0.09	0.14	0.12	0.12	24.77	ppb
Molybdenum	97-1	0.18	0.20	0.15	0.18	14.43	ppb
Molybdenum	98-1	0.12	0.08	0.10	0.10	18.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.56	0.59	0.58	3.46	ppb
Phosphorus	31-2	-31.38	-35.25	-32.95	-33.19		ppb
Potassium	39-2	675.06	680.68	669.48	675.07	0.83	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	2.34	1.45	0.57	1.45	61.01	ppb
Selenium	78-2	0.27	1.74	-1.55	0.16	1056.38	ppb
Selenium	82-1	-0.15	-0.21	0.35	0.00		ppb
Silicon	28-1	2368.76	2392.43	2370.42	2377.20	0.56	ppb
Silver	109-1	2.03	2.03	1.73	1.93	9.13	ppb
Silver	107-1	2.19	2.11	1.71	2.01	12.76	ppb
Sodium	23-2	1934.95	1960.22	2013.92	1969.70	2.05	ppb
Strontium	86-1	505.60	494.62	500.00	500.08	1.10	ppb
Strontium	88-1	505.63	499.79	504.49	503.30	0.61	ppb
Sulfur	34-1	3298.48	3197.21	2884.93	3126.87	6.89	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	2.32	1.29	1.10	1.57	41.57	ppb
Thallium	205-1	2.33	1.51	0.97	1.60	42.77	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	44.37	ppb
Tin	118-1	1.45	1.64	1.80	1.63	10.87	ppb
Titanium	47-1	0.38	0.51	0.36	0.42	19.16	ppb
Uranium	238-1	0.34	0.36	0.34	0.35	3.69	ppb
Vanadium	51-2	0.37	0.37	0.34	0.36	5.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.47	9.56	9.11	9.05	6.06	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	32.18	ppb
Zirconium	91-1	0.07	0.02	0.07	0.05	48.87	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	3.58	3.94	3.37	21.11	ppb
Antimony	121-1	3.20	3.27	3.22	3.23	1.15	ppb
Arsenic	75-2	0.69	0.69	0.67	0.68	1.72	ppb
Barium	135-1	27.25	27.96	26.80	27.34	2.15	ppb
Barium	137-1	27.74	27.61	27.51	27.62	0.41	ppb
Beryllium	9-1	-0.01	-0.01	0.03	0.00	826.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				86		%
Boron	10-1	11.42	9.75	11.58	10.92	9.30	ppb
Boron	11-1	12.60	12.02	12.31	12.31	2.36	ppb
Cadmium	111-1	0.07	-0.01	-0.26	-0.07		ppb
Cadmium	106-1	-0.79	-1.01	-4.44	-2.08		ppb
Cadmium	108-1	0.05	-0.02	-0.10	-0.02		ppb
Calcium	43-1	73337.27	71757.31	74242.06	73112.21	1.72	ppb
Calcium	44-1	75100.43	74520.68	76011.13	75210.75	1.00	ppb
Chromium	52-2	2.18	2.29	2.25	2.24	2.44	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	11.94	ppb
Copper	63-2	3.48	3.36	3.31	3.38	2.55	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				100		%
Holmium	165-2				93		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	5.43	6.18	5.61	5.74	6.79	ppb
Iron	57-2	328.89	329.19	300.60	319.56	5.14	ppb
Krypton	83-1						cps
Lead	206-1	3.68	3.68	3.61	3.66	1.21	ppb
Lead	207-1	3.27	3.27	3.35	3.30	1.38	ppb
Lead	208-1	3.53	3.46	3.47	3.48	1.05	ppb
Lithium	6-1				90		%
Magnesium	24-2	7619.06	7828.48	7469.27	7638.94	2.36	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.58	0.69	0.62	0.63	9.18	ppb
Molybdenum	94-1	0.08	0.13	0.13	0.11	23.19	ppb
Molybdenum	95-1	0.06	0.13	0.10	0.10	37.67	ppb
Molybdenum	96-1	0.09	0.11	0.12	0.11	10.51	ppb
Molybdenum	97-1	0.12	0.15	0.18	0.15	19.60	ppb
Molybdenum	98-1	0.07	0.11	0.07	0.08	31.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.52	0.59	0.58	9.92	ppb
Phosphorus	31-2	-29.44	-26.23	-47.12	-34.26		ppb
Potassium	39-2	646.45	643.65	612.42	634.17	2.98	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	-0.30	3.44	3.35	2.16	98.54	ppb
Selenium	78-2	0.53	-0.29	-0.98	-0.25		ppb
Selenium	82-1	-1.00	-0.07	-0.59	-0.55		ppb
Silicon	28-1	2370.64	2346.57	2372.80	2363.34	0.62	ppb
Silver	109-1	0.42	0.44	0.40	0.42	4.09	ppb
Silver	107-1	0.48	0.45	0.36	0.43	14.73	ppb
Sodium	23-2	2040.44	2092.92	1999.08	2044.15	2.30	ppb
Strontium	86-1	520.90	504.70	513.16	512.92	1.58	ppb
Strontium	88-1	520.32	515.10	524.38	519.93	0.89	ppb
Sulfur	34-1	3656.80	3259.99	3532.59	3483.13	5.83	ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	0.09	0.10	0.11	0.10	9.96	ppb
Thallium	205-1	0.14	0.09	0.12	0.12	21.10	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	32.13	ppb
Tin	118-1	1.23	1.17	1.17	1.19	2.74	ppb
Titanium	47-1	0.23	0.23	0.41	0.29	35.55	ppb
Uranium	238-1	0.32	0.33	0.33	0.33	1.35	ppb
Vanadium	51-2	0.48	0.48	0.49	0.48	0.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.35	9.59	9.11	9.35	2.62	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	20.30	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	2.46	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-04	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:48:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.69	13.01	14.23	13.98	6.21	ppb
Antimony	121-1	2.38	2.54	2.66	2.53	5.54	ppb
Arsenic	75-2	0.41	0.64	0.67	0.57	25.08	ppb
Barium	135-1	61.51	61.83	59.70	61.01	1.88	ppb
Barium	137-1	61.91	60.62	59.36	60.63	2.11	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	66.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	49.22	47.28	46.51	47.67	2.93	ppb
Boron	11-1	51.48	52.28	53.32	52.36	1.76	ppb
Cadmium	111-1	-0.07	-0.24	0.01	-0.10		ppb
Cadmium	106-1	-1.53	-3.64	-0.85	-2.00		ppb
Cadmium	108-1	0.28	-0.10	0.19	0.12	160.60	ppb
Calcium	43-1	96951.00	94656.70	94519.55	95375.75	1.43	ppb
Calcium	44-1	97731.08	96963.81	97624.11	97439.66	0.43	ppb
Chromium	52-2	1.90	1.79	1.86	1.85	2.97	ppb
Cobalt	59-2	0.12	0.13	0.12	0.12	4.03	ppb
Copper	63-2	3.02	3.01	3.11	3.04	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	31.68	31.61	31.24	31.51	0.76	ppb
Iron	57-2	426.50	437.20	419.64	427.78	2.07	ppb
Krypton	83-1						cps
Lead	206-1	2.99	2.80	2.98	2.93	3.67	ppb
Lead	207-1	2.68	2.60	2.69	2.66	1.76	ppb
Lead	208-1	2.86	2.71	2.78	2.78	2.60	ppb
Lithium	6-1				80		%
Magnesium	24-2	13338.76	13370.71	13379.55	13363.01	0.16	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-04	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:48:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.61	3.26	3.43	3.44	5.11	ppb
Molybdenum	94-1	0.07	0.07	0.14	0.09	44.45	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	8.08	ppb
Molybdenum	96-1	0.09	0.06	0.08	0.08	16.69	ppb
Molybdenum	97-1	0.10	0.12	0.07	0.10	29.94	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	8.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.68	0.68	0.65	8.60	ppb
Phosphorus	31-2	-41.98	-32.55	-32.05	-35.53		ppb
Potassium	39-2	1663.48	1660.56	1693.77	1672.60	1.10	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	4.35	0.62	5.17	3.38	71.78	ppb
Selenium	78-2	0.01	-0.35	0.57	0.08	605.50	ppb
Selenium	82-1	0.02	-1.33	0.01	-0.43		ppb
Silicon	28-1	3469.78	3413.25	3442.66	3441.90	0.82	ppb
Silver	109-1	0.22	0.24	0.23	0.23	3.61	ppb
Silver	107-1	0.26	0.25	0.21	0.24	10.46	ppb
Sodium	23-2	4963.03	4992.16	5023.39	4992.86	0.60	ppb
Strontium	86-1	898.74	887.91	874.83	887.16	1.35	ppb
Strontium	88-1	920.08	906.68	904.45	910.40	0.93	ppb
Sulfur	34-1	5850.35	5449.36	5514.62	5604.78	3.84	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.06	0.01	0.04	66.45	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	27.15	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	26.33	ppb
Tin	118-1	0.69	0.80	0.77	0.75	7.14	ppb
Titanium	47-1	0.58	0.60	0.68	0.62	8.56	ppb
Uranium	238-1	0.59	0.56	0.60	0.58	3.93	ppb
Vanadium	51-2	0.55	0.59	0.58	0.57	3.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-04	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:48:23	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.02	12.18	12.29	11.83	5.93	ppb
Zirconium	90-1	0.02	0.06	0.03	0.04	51.04	ppb
Zirconium	91-1	0.02	0.02	0.07	0.04	74.96	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.22	119.06	892.39	372.89	120.66	ppb
Antimony	121-1	2.77	2.52	2.46	2.58	6.40	ppb
Arsenic	75-2	0.67	0.86	5.80	2.44	119.03	ppb
Barium	135-1	213.55	192.88	190.42	198.95	6.38	ppb
Barium	137-1	212.89	193.62	188.86	198.45	6.41	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	44.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				61		%
Boron	10-1	30.03	27.61	27.75	28.46	4.78	ppb
Boron	11-1	32.74	30.63	30.20	31.19	4.36	ppb
Cadmium	111-1	-0.09	-0.11	-0.20	-0.13		ppb
Cadmium	106-1	-2.61	-2.69	-3.26	-2.85		ppb
Cadmium	108-1	0.05	-0.03	0.10	0.04	163.39	ppb
Calcium	43-1	89745.84	81038.59	79544.85	83443.09	6.60	ppb
Calcium	44-1	91360.61	82812.84	81888.62	85354.02	6.12	ppb
Chromium	52-2	86.69	101.24	707.32	298.42	118.69	ppb
Cobalt	59-2	2.38	2.88	19.67	8.31	118.40	ppb
Copper	63-2	6.23	7.20	52.94	22.12	120.67	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				108		%
Holmium	165-2				66		%
Indium	115-1				108		%
Indium	115-2				63		%
Iron	56-2	492.53	574.44	4035.23	1700.73	118.90	ppb
Iron	57-2	901.06	1032.83	7304.03	3079.30	118.84	ppb
Krypton	83-1						cps
Lead	206-1	2.86	2.42	2.48	2.59	9.33	ppb
Lead	207-1	2.52	2.56	2.27	2.45	6.55	ppb
Lead	208-1	2.71	2.45	2.27	2.48	8.95	ppb
Lithium	6-1				78		%
Magnesium	24-2	14962.49	17640.00	125577.00	52726.50	119.68	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	393.89	457.95	3228.93	1360.26	118.99	ppb
Molybdenum	94-1	1.40	1.22	1.29	1.30	6.69	ppb
Molybdenum	95-1	1.78	1.73	1.58	1.69	6.35	ppb
Molybdenum	96-1	1.76	1.62	1.49	1.62	8.23	ppb
Molybdenum	97-1	1.69	1.75	1.60	1.68	4.42	ppb
Molybdenum	98-1	1.77	1.62	1.57	1.66	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.35	42.29	296.98	125.21	118.84	ppb
Phosphorus	31-2	-36.73	-16.85	171.09	39.17	292.78	ppb
Potassium	39-2	1240.89	1469.94	10917.47	4542.77	121.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				66		%
Scandium	45-1				98		%
Scandium	45-2				65		%
Selenium	77-2	1.52	3.90	16.24	7.22	109.39	ppb
Selenium	78-2	-0.06	0.98	22.01	7.64	162.98	ppb
Selenium	82-1	-1.29	-0.41	-0.31	-0.67		ppb
Silicon	28-1	3240.78	2926.07	2878.24	3015.03	6.53	ppb
Silver	109-1	0.21	0.17	0.17	0.18	14.13	ppb
Silver	107-1	0.20	0.16	0.15	0.17	14.86	ppb
Sodium	23-2	5943.32	6893.69	49051.01	20629.34	119.34	ppb
Strontium	86-1	765.68	691.99	684.38	714.02	6.29	ppb
Strontium	88-1	779.07	717.95	701.02	732.68	5.60	ppb
Sulfur	34-1	5763.02	4041.08	3692.75	4498.95	24.64	ppb
Terbium	159-1				106		%
Terbium	159-2				65		%
Thallium	203-1	0.01	0.01	0.02	0.01	19.16	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.39	ppb
Thorium	232-1	0.20	0.18	0.19	0.19	5.51	ppb
Tin	118-1	0.85	0.83	0.73	0.80	8.01	ppb
Titanium	47-1	2.24	2.00	2.15	2.13	5.80	ppb
Uranium	238-1	0.65	0.58	0.53	0.58	9.98	ppb
Vanadium	51-2	1.69	1.89	13.91	5.83	120.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				64		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.48	13.70	91.19	38.79	117.04	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	7.28	ppb
Zirconium	91-1	0.07	0.09	0.08	0.08	12.30	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.79	46.32	45.96	46.69	2.07	ppb
Antimony	121-1	2.16	2.27	2.20	2.21	2.45	ppb
Arsenic	75-2	0.77	0.45	0.67	0.63	25.89	ppb
Barium	135-1	20.11	18.85	18.54	19.17	4.35	ppb
Barium	137-1	19.64	18.76	18.95	19.12	2.41	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	27.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	12.81	13.45	14.82	13.69	7.49	ppb
Boron	11-1	13.63	13.69	13.58	13.63	0.39	ppb
Cadmium	111-1	-0.08	-0.17	-0.16	-0.14		ppb
Cadmium	106-1	-1.39	-2.63	-2.20	-2.07		ppb
Cadmium	108-1	0.05	-0.10	0.05	0.00		ppb
Calcium	43-1	54752.53	54921.60	54262.49	54645.54	0.63	ppb
Calcium	44-1	56227.66	55703.50	55818.99	55916.72	0.49	ppb
Chromium	52-2	1.85	1.90	1.91	1.88	1.66	ppb
Cobalt	59-2	0.14	0.14	0.14	0.14	1.01	ppb
Copper	63-2	2.59	2.57	2.61	2.59	0.76	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				96		%
Indium	115-1				103		%
Indium	115-2				89		%
Iron	56-2	71.57	72.69	72.79	72.35	0.94	ppb
Iron	57-2	296.67	293.31	306.12	298.70	2.22	ppb
Krypton	83-1						cps
Lead	206-1	2.13	2.12	2.12	2.12	0.23	ppb
Lead	207-1	2.05	1.97	2.02	2.01	1.95	ppb
Lead	208-1	2.11	2.03	2.03	2.06	2.33	ppb
Lithium	6-1				74		%
Magnesium	24-2	6879.30	6865.19	6954.23	6899.57	0.69	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.46	3.44	3.48	3.46	0.46	ppb
Molybdenum	94-1	0.09	0.13	0.18	0.13	34.37	ppb
Molybdenum	95-1	0.07	0.12	0.14	0.11	33.88	ppb
Molybdenum	96-1	0.13	0.11	0.10	0.11	11.79	ppb
Molybdenum	97-1	0.09	0.16	0.17	0.14	34.18	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	9.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.66	0.77	0.68	10.75	ppb
Phosphorus	31-2	-34.95	-40.73	-26.36	-34.01		ppb
Potassium	39-2	540.30	532.27	557.62	543.40	2.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	1.69	2.64	0.70	1.68	58.05	ppb
Selenium	78-2	0.75	-0.48	0.07	0.11	546.45	ppb
Selenium	82-1	-0.58	-0.05	-0.03	-0.22		ppb
Silicon	28-1	2198.23	2156.52	2185.65	2180.13	0.98	ppb
Silver	109-1	0.15	0.18	0.15	0.16	10.62	ppb
Silver	107-1	0.13	0.16	0.19	0.16	16.42	ppb
Sodium	23-2	1734.07	1712.33	1751.70	1732.70	1.14	ppb
Strontium	86-1	440.20	430.89	429.59	433.56	1.34	ppb
Strontium	88-1	443.13	445.56	443.32	444.00	0.30	ppb
Sulfur	34-1	3002.42	2779.91	2901.43	2894.59	3.85	ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.02	0.01	46.85	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	58.96	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	79.15	ppb
Tin	118-1	0.79	0.65	0.61	0.68	13.35	ppb
Titanium	47-1	1.04	1.25	0.85	1.05	19.04	ppb
Uranium	238-1	0.26	0.29	0.25	0.27	7.78	ppb
Vanadium	51-2	1.06	0.93	0.98	0.99	6.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.29	12.28	13.09	12.22	7.38	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	23.25	ppb
Zirconium	91-1	0.02	0.04	0.08	0.05	63.91	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104.89	106.53	101.57	104.33	2.42	ppb
Antimony	121-1	4.14	3.69	4.07	3.97	6.16	ppb
Arsenic	75-2	1.03	0.67	0.83	0.84	21.31	ppb
Barium	135-1	118.68	116.86	120.09	118.54	1.37	ppb
Barium	137-1	118.62	117.95	119.56	118.71	0.68	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	34.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				86		%
Boron	10-1	501.14	504.12	545.57	516.94	4.80	ppb
Boron	11-1	535.94	550.95	574.07	553.65	3.47	ppb
Cadmium	111-1	1.70	1.73	1.74	1.72	1.42	ppb
Cadmium	106-1	-2.08	-0.57	-2.48	-1.71		ppb
Cadmium	108-1	1.63	1.30	1.43	1.45	11.37	ppb
Calcium	43-1	60491.47	58921.85	60887.34	60100.22	1.73	ppb
Calcium	44-1	61275.89	60852.92	62619.93	61582.91	1.50	ppb
Chromium	52-2	1827.82	1833.61	1771.58	1811.00	1.89	ppb
Cobalt	59-2	0.72	0.85	0.67	0.74	12.48	ppb
Copper	63-2	12.07	12.03	12.04	12.04	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				83		%
Iron	56-2	126.13	125.31	120.13	123.86	2.63	ppb
Iron	57-2	376.67	365.17	369.90	370.58	1.56	ppb
Krypton	83-1						cps
Lead	206-1	1.98	1.83	1.95	1.92	4.14	ppb
Lead	207-1	1.66	1.80	1.85	1.77	5.50	ppb
Lead	208-1	1.93	1.73	1.90	1.86	5.84	ppb
Lithium	6-1				74		%
Magnesium	24-2	13493.94	13489.07	12940.96	13307.99	2.39	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1875.53	1876.75	1827.02	1859.76	1.53	ppb
Molybdenum	94-1	1.22	1.14	1.17	1.17	3.36	ppb
Molybdenum	95-1	1.37	1.30	1.39	1.35	3.32	ppb
Molybdenum	96-1	1.21	1.33	1.40	1.31	7.15	ppb
Molybdenum	97-1	1.52	1.39	1.20	1.37	11.51	ppb
Molybdenum	98-1	1.24	1.28	1.40	1.31	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.27	21.06	20.96	21.10	0.74	ppb
Phosphorus	31-2	-1.94	3.86	3.98	1.97	172.05	ppb
Potassium	39-2	2575.92	2599.52	2506.15	2560.53	1.90	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	4.02	1.85	2.79	2.89	37.66	ppb
Selenium	78-2	1.46	2.35	2.83	2.21	31.36	ppb
Selenium	82-1	1.45	1.34	2.09	1.63	24.88	ppb
Silicon	28-1	3597.70	3539.48	3672.09	3603.09	1.84	ppb
Silver	109-1	0.11	0.17	0.17	0.15	22.01	ppb
Silver	107-1	0.12	0.13	0.14	0.13	5.89	ppb
Sodium	23-2	154391.23	154823.36	148555.77	152590.12	2.29	ppb
Strontium	86-1	195.29	188.52	197.42	193.74	2.40	ppb
Strontium	88-1	186.37	183.57	188.66	186.20	1.37	ppb
Sulfur	34-1	35397.07	34702.55	35607.62	35235.74	1.34	ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.03	0.03	0.02	60.76	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	41.89	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	18.67	ppb
Tin	118-1	0.55	0.66	0.69	0.64	11.59	ppb
Titanium	47-1	1.79	1.73	1.75	1.76	1.90	ppb
Uranium	238-1	0.25	0.26	0.25	0.25	2.99	ppb
Vanadium	51-2	0.88	0.94	0.90	0.91	3.30	ppb
Yttrium	89-1				92		%
Yttrium	89-2				83		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.08	18.67	17.59	18.11	2.98	ppb
Zirconium	90-1	0.19	0.17	0.16	0.18	8.33	ppb
Zirconium	91-1	0.15	0.14	0.23	0.17	26.83	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.73	5.19	2.94	3.29	53.40	ppb
Antimony	121-1	1.83	1.85	1.89	1.86	1.66	ppb
Arsenic	75-2	0.32	0.50	0.37	0.40	23.81	ppb
Barium	135-1	0.09	0.20	0.11	0.13	46.56	ppb
Barium	137-1	0.10	0.12	0.10	0.11	12.62	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				89		%
Boron	10-1	22.36	21.91	18.43	20.90	10.31	ppb
Boron	11-1	22.72	21.49	20.77	21.66	4.55	ppb
Cadmium	111-1	-0.22	-0.11	-0.19	-0.17		ppb
Cadmium	106-1	-3.01	-1.57	-2.35	-2.31		ppb
Cadmium	108-1	-0.02	-0.10	-0.02	-0.05		ppb
Calcium	43-1	31.69	29.96	22.71	28.12	16.95	ppb
Calcium	44-1	40.25	37.62	41.63	39.84	5.11	ppb
Chromium	52-2	1.32	1.31	1.23	1.29	3.90	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	77.49	ppb
Copper	63-2	2.13	2.33	2.11	2.19	5.55	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				102		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				83		%
Iron	56-2	57.37	58.03	57.16	57.52	0.79	ppb
Iron	57-2	63.08	59.08	62.96	61.71	3.69	ppb
Krypton	83-1						cps
Lead	206-1	1.55	1.43	1.51	1.50	4.03	ppb
Lead	207-1	1.39	1.49	1.43	1.43	3.46	ppb
Lead	208-1	1.49	1.47	1.48	1.48	0.72	ppb
Lithium	6-1				72		%
Magnesium	24-2	2.54	1.75	1.90	2.06	20.28	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.71	0.78	0.79	11.05	ppb
Molybdenum	94-1	0.01	0.03	0.01	0.02	65.64	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.02	0.05	0.02	87.04	ppb
Molybdenum	97-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.02	-0.02	0.00	685.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.20	0.26	0.25	20.27	ppb
Phosphorus	31-2	-42.53	-42.31	-40.27	-41.70		ppb
Potassium	39-2	37.78	40.08	30.68	36.18	13.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				80		%
Selenium	77-2	5.06	1.87	3.96	3.63	44.60	ppb
Selenium	78-2	0.70	-1.47	-0.23	-0.34		ppb
Selenium	82-1	0.25	-0.58	-0.24	-0.19		ppb
Silicon	28-1	-0.17	-1.15	-0.24	-0.52		ppb
Silver	109-1	0.11	0.10	0.14	0.12	16.36	ppb
Silver	107-1	0.12	0.12	0.13	0.12	6.72	ppb
Sodium	23-2	248.82	247.45	245.81	247.36	0.61	ppb
Strontium	86-1	0.16	0.08	0.05	0.10	57.11	ppb
Strontium	88-1	0.09	0.07	0.07	0.08	15.82	ppb
Sulfur	34-1	122.08	-162.47	3.68	-12.24		ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	0.01	0.00	0.00	420.42	ppb
Tin	118-1	0.99	0.86	0.83	0.89	9.66	ppb
Titanium	47-1	0.13	0.12	0.10	0.12	16.09	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.62	0.52	0.58	0.57	8.88	ppb
Yttrium	89-1				90		%
Yttrium	89-2				82		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.66	15.70	16.29	15.88	2.21	ppb
Zirconium	90-1	0.00	0.02	-0.01	0.00	248.56	ppb
Zirconium	91-1	0.01	-0.01	-0.04	-0.01		ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	408.24	392.81	424.91	408.65	3.93	ppb
Antimony	121-1	2.26	2.32	2.38	2.32	2.53	ppb
Arsenic	75-2	0.82	0.73	0.80	0.78	6.21	ppb
Barium	135-1	98.90	98.12	97.48	98.17	0.72	ppb
Barium	137-1	98.53	96.76	95.59	96.96	1.53	ppb
Beryllium	9-1	0.14	0.12	0.15	0.14	10.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	10-1	191.24	192.00	188.47	190.57	0.98	ppb
Boron	11-1	200.15	200.12	203.34	201.20	0.92	ppb
Cadmium	111-1	12.85	12.82	12.12	12.60	3.29	ppb
Cadmium	106-1	7.46	8.20	7.35	7.67	6.03	ppb
Cadmium	108-1	13.63	9.81	10.29	11.24	18.51	ppb
Calcium	43-1	64796.56	64283.33	63885.34	64321.74	0.71	ppb
Calcium	44-1	66895.24	66582.90	65493.35	66323.83	1.11	ppb
Chromium	52-2	49337.30	48834.91	49918.65	49363.62	1.10	ppb
Cobalt	59-2	32.09	32.11	33.17	32.46	1.90	ppb
Copper	63-2	367.31	366.59	377.03	370.31	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				80		%
Iron	56-2	81.55	81.28	84.39	82.41	2.09	ppb
Iron	57-2	341.46	342.57	362.67	348.90	3.42	ppb
Krypton	83-1						cps
Lead	206-1	1.52	1.39	1.55	1.49	5.42	ppb
Lead	207-1	1.34	1.37	1.41	1.37	2.80	ppb
Lead	208-1	1.46	1.37	1.49	1.44	4.43	ppb
Lithium	6-1				69		%
Magnesium	24-2	13054.01	12870.69	13269.41	13064.71	1.53	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8291.36	8170.87	8358.49	8273.57	1.15	ppb
Molybdenum	94-1	0.93	0.78	0.74	0.81	12.43	ppb
Molybdenum	95-1	1.14	1.11	1.02	1.09	5.64	ppb
Molybdenum	96-1	0.99	1.13	0.92	1.01	10.26	ppb
Molybdenum	97-1	1.09	0.98	0.87	0.98	11.07	ppb
Molybdenum	98-1	1.04	0.86	1.09	1.00	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.06	106.96	110.07	107.70	1.96	ppb
Phosphorus	31-2	-8.44	-25.07	-36.82	-23.44		ppb
Potassium	39-2	3551.07	3543.58	3610.48	3568.38	1.03	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				75		%
Selenium	77-2	1.92	7.44	10.78	6.71	66.71	ppb
Selenium	78-2	1.02	1.77	1.40	1.40	26.86	ppb
Selenium	82-1	4.02	4.61	4.84	4.49	9.38	ppb
Silicon	28-1	10344.66	10371.72	10208.87	10308.42	0.85	ppb
Silver	109-1	0.12	0.17	0.10	0.13	26.16	ppb
Silver	107-1	0.10	0.10	0.13	0.11	18.02	ppb
Sodium	23-2	152236.71	150904.71	154897.02	152679.48	1.33	ppb
Strontium	86-1	174.86	170.82	171.94	172.54	1.21	ppb
Strontium	88-1	174.46	171.05	169.24	171.58	1.54	ppb
Sulfur	34-1	17027.04	16500.73	15905.62	16477.80	3.40	ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	28.80	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	124.47	ppb
Tin	118-1	0.69	0.71	0.78	0.72	6.45	ppb
Titanium	47-1	0.95	0.93	0.91	0.93	2.40	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	11.48	ppb
Vanadium	51-2	0.46	0.42	0.44	0.44	3.92	ppb
Yttrium	89-1				87		%
Yttrium	89-2				80		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	71.95	72.82	76.75	73.84	3.46	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	10.45	ppb
Zirconium	91-1	0.02	0.08	0.12	0.08	66.35	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	394.18	382.06	371.42	382.56	2.98	ppb
Antimony	121-1	2.37	2.40	2.53	2.43	3.35	ppb
Arsenic	75-2	0.67	0.84	0.86	0.79	12.98	ppb
Barium	135-1	105.15	103.45	101.41	103.34	1.81	ppb
Barium	137-1	103.38	102.95	102.19	102.84	0.58	ppb
Beryllium	9-1	0.15	0.15	0.11	0.14	13.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				83		%
Boron	10-1	186.92	187.53	203.15	192.53	4.78	ppb
Boron	11-1	202.01	205.88	210.37	206.09	2.03	ppb
Cadmium	111-1	13.28	12.43	12.67	12.80	3.40	ppb
Cadmium	106-1	7.85	5.96	10.62	8.14	28.81	ppb
Cadmium	108-1	10.70	9.75	11.14	10.53	6.73	ppb
Calcium	43-1	65806.56	66556.83	65422.84	65928.74	0.87	ppb
Calcium	44-1	67385.73	68231.85	67646.38	67754.66	0.64	ppb
Chromium	52-2	49745.53	48716.29	49325.74	49262.52	1.05	ppb
Cobalt	59-2	35.04	34.56	35.13	34.91	0.89	ppb
Copper	63-2	368.24	361.17	367.51	365.64	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				88		%
Indium	115-1				93		%
Indium	115-2				76		%
Iron	56-2	104.95	105.24	106.81	105.67	0.94	ppb
Iron	57-2	377.47	372.55	395.79	381.93	3.21	ppb
Krypton	83-1						cps
Lead	206-1	1.40	1.18	1.28	1.29	8.52	ppb
Lead	207-1	1.33	1.29	1.15	1.26	7.56	ppb
Lead	208-1	1.39	1.29	1.26	1.31	5.10	ppb
Lithium	6-1				66		%
Magnesium	24-2	13830.61	13604.90	13852.40	13762.63	1.00	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9276.99	8999.81	9122.74	9133.18	1.52	ppb
Molybdenum	94-1	0.97	0.71	0.87	0.85	15.35	ppb
Molybdenum	95-1	1.14	1.13	1.01	1.09	6.77	ppb
Molybdenum	96-1	0.92	1.07	0.95	0.98	8.34	ppb
Molybdenum	97-1	1.01	1.00	1.04	1.02	2.40	ppb
Molybdenum	98-1	1.01	0.94	0.93	0.96	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.86	110.22	111.37	111.82	1.66	ppb
Phosphorus	31-2	-11.38	-45.55	-6.36	-21.10		ppb
Potassium	39-2	3759.52	3683.25	3842.18	3761.65	2.11	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				77		%
Scandium	45-2				72		%
Selenium	77-2	3.20	4.31	6.53	4.68	36.33	ppb
Selenium	78-2	2.24	1.59	1.92	1.92	16.94	ppb
Selenium	82-1	6.52	7.12	6.40	6.68	5.78	ppb
Silicon	28-1	10291.70	10424.06	10234.93	10316.90	0.94	ppb
Silver	109-1	0.13	0.12	0.13	0.13	4.96	ppb
Silver	107-1	0.13	0.11	0.11	0.12	10.60	ppb
Sodium	23-2	161800.39	158355.58	159023.34	159726.44	1.14	ppb
Strontium	86-1	180.52	176.61	174.83	177.32	1.64	ppb
Strontium	88-1	174.91	176.44	173.71	175.02	0.78	ppb
Sulfur	34-1	16042.68	15830.06	15620.80	15831.18	1.33	ppb
Terbium	159-1				97		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.02	0.00	0.01	164.78	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	30.07	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	196.07	ppb
Tin	118-1	0.77	0.78	0.85	0.80	5.61	ppb
Titanium	47-1	1.05	0.89	0.77	0.90	15.70	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	4.94	ppb
Vanadium	51-2	0.39	0.38	0.48	0.41	13.67	ppb
Yttrium	89-1				86		%
Yttrium	89-2				77		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	81.44	74.84	78.93	78.40	4.25	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	10.88	ppb
Zirconium	91-1	0.03	0.06	0.06	0.05	34.24	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	267.07	263.85	253.18	261.37	2.78	ppb
Antimony	121-1	1.93	2.02	1.98	1.98	2.24	ppb
Arsenic	75-2	0.81	0.40	0.57	0.59	35.13	ppb
Barium	135-1	103.52	102.49	99.37	101.79	2.12	ppb
Barium	137-1	103.51	100.95	101.16	101.88	1.39	ppb
Beryllium	9-1	0.11	0.09	0.09	0.10	12.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				84		%
Boron	10-1	169.80	167.43	178.59	171.94	3.42	ppb
Boron	11-1	184.12	183.28	185.73	184.38	0.67	ppb
Cadmium	111-1	10.69	10.73	10.54	10.65	0.96	ppb
Cadmium	106-1	5.31	6.04	6.30	5.88	8.72	ppb
Cadmium	108-1	7.89	9.04	9.17	8.70	8.08	ppb
Calcium	43-1	60995.45	60201.16	60141.13	60445.91	0.79	ppb
Calcium	44-1	62402.84	61544.38	62020.14	61989.12	0.69	ppb
Chromium	52-2	41278.47	41393.85	39708.57	40793.63	2.31	ppb
Cobalt	59-2	30.25	30.77	28.83	29.95	3.36	ppb
Copper	63-2	328.41	328.76	319.13	325.44	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				78		%
Iron	56-2	17.96	16.56	17.14	17.22	4.09	ppb
Iron	57-2	247.46	261.12	248.55	252.38	3.01	ppb
Krypton	83-1						cps
Lead	206-1	2.81	2.78	2.78	2.79	0.77	ppb
Lead	207-1	2.86	2.53	2.76	2.72	6.14	ppb
Lead	208-1	2.87	2.70	2.74	2.77	3.16	ppb
Lithium	6-1				66		%
Magnesium	24-2	12684.22	12710.73	12177.63	12524.19	2.40	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8533.86	8508.22	8198.44	8413.50	2.22	ppb
Molybdenum	94-1	0.69	0.74	0.77	0.73	5.42	ppb
Molybdenum	95-1	1.05	1.08	0.82	0.98	14.71	ppb
Molybdenum	96-1	0.94	0.89	0.81	0.88	7.60	ppb
Molybdenum	97-1	0.87	0.87	0.98	0.91	6.96	ppb
Molybdenum	98-1	0.95	0.93	0.97	0.95	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.18	96.94	93.55	95.56	1.86	ppb
Phosphorus	31-2	-9.27	-35.52	-30.41	-25.07		ppb
Potassium	39-2	3472.03	3480.64	3360.64	3437.77	1.95	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				77		%
Scandium	45-2				73		%
Selenium	77-2	5.41	7.66	-0.30	4.26	96.34	ppb
Selenium	78-2	1.35	0.56	1.25	1.05	40.88	ppb
Selenium	82-1	7.49	8.46	7.71	7.89	6.45	ppb
Silicon	28-1	9190.34	9115.20	9199.58	9168.38	0.50	ppb
Silver	109-1	0.07	0.08	0.11	0.09	20.90	ppb
Silver	107-1	0.11	0.09	0.09	0.10	11.82	ppb
Sodium	23-2	145361.60	145445.28	140140.86	143649.24	2.12	ppb
Strontium	86-1	163.97	164.60	159.83	162.80	1.59	ppb
Strontium	88-1	161.86	159.81	157.30	159.66	1.43	ppb
Sulfur	34-1	13479.75	12937.86	13277.30	13231.63	2.07	ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.00	0.02	0.00	0.01	148.47	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	36.86	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.73	0.84	0.86	0.81	8.50	ppb
Titanium	47-1	0.60	0.66	0.73	0.66	9.34	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	14.36	ppb
Vanadium	51-2	0.35	0.42	0.35	0.37	10.47	ppb
Yttrium	89-1				86		%
Yttrium	89-2				78		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	66.83	66.84	62.28	65.32	4.02	ppb
Zirconium	90-1	0.05	0.08	0.06	0.06	25.28	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	23.51	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52110.78	52120.69	50983.42	51738.30	1.26	ppb
Antimony	121-1	481.93	484.66	479.48	482.02	0.54	ppb
Arsenic	75-2	511.78	510.57	512.88	511.74	0.23	ppb
Barium	135-1	2454.46	2442.20	2417.44	2438.03	0.77	ppb
Barium	137-1	2508.93	2505.70	2471.46	2495.36	0.83	ppb
Beryllium	9-1	490.51	491.77	488.02	490.10	0.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	480.31	488.26	488.27	485.61	0.95	ppb
Boron	11-1	486.75	499.61	502.10	496.15	1.66	ppb
Cadmium	111-1	501.97	499.82	495.26	499.02	0.69	ppb
Cadmium	106-1	493.27	485.36	479.92	486.18	1.38	ppb
Cadmium	108-1	490.86	487.03	488.61	488.83	0.39	ppb
Calcium	43-1	237974.09	238378.88	235248.77	237200.58	0.72	ppb
Calcium	44-1	238144.61	238931.96	233773.04	236949.87	1.17	ppb
Chromium	52-2	542.22	539.91	537.79	539.97	0.41	ppb
Cobalt	59-2	563.76	565.01	555.91	561.56	0.88	ppb
Copper	63-2	1050.62	1054.39	1042.40	1049.14	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	129464.93	128077.17	127024.81	128188.97	0.95	ppb
Iron	57-2	129649.82	129032.22	126866.54	128516.19	1.14	ppb
Krypton	83-1						cps
Lead	206-1	509.33	511.68	501.00	507.33	1.11	ppb
Lead	207-1	518.56	519.61	510.10	516.09	1.01	ppb
Lead	208-1	517.87	520.03	512.68	516.86	0.73	ppb
Lithium	6-1				88		%
Magnesium	24-2	251500.19	250597.22	247397.66	249831.69	0.86	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1060.82	1062.20	1052.39	1058.47	0.50	ppb
Molybdenum	94-1	2581.81	2578.86	2575.69	2578.79	0.12	ppb
Molybdenum	95-1	2589.28	2587.97	2573.64	2583.63	0.34	ppb
Molybdenum	96-1	2576.35	2587.99	2559.39	2574.58	0.56	ppb
Molybdenum	97-1	2590.90	2583.48	2573.20	2582.53	0.34	ppb
Molybdenum	98-1	2589.93	2580.30	2581.03	2583.75	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.13	546.61	537.65	541.80	0.83	ppb
Phosphorus	31-2	9771.06	9725.68	9443.38	9646.71	1.84	ppb
Potassium	39-2	121292.02	120463.13	119615.52	120456.89	0.70	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	479.65	498.96	466.33	481.65	3.41	ppb
Selenium	78-2	476.99	483.93	470.52	477.15	1.41	ppb
Selenium	82-1	474.81	479.70	470.64	475.05	0.95	ppb
Silicon	28-1	435.62	451.37	454.45	447.14	2.26	ppb
Silver	109-1	504.77	501.99	502.82	503.19	0.28	ppb
Silver	107-1	514.30	510.98	500.63	508.64	1.40	ppb
Sodium	23-2	251120.81	249507.09	245974.91	248867.60	1.06	ppb
Strontium	86-1	511.90	516.92	507.68	512.17	0.90	ppb
Strontium	88-1	512.49	516.42	513.28	514.06	0.40	ppb
Sulfur	34-1	8430.70	8258.00	8387.32	8358.67	1.07	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	516.20	517.48	505.44	513.04	1.29	ppb
Thallium	205-1	524.64	525.99	515.98	522.20	1.04	ppb
Thorium	232-1	544.30	547.92	536.07	542.76	1.12	ppb
Tin	118-1	488.75	490.15	481.91	486.94	0.90	ppb
Titanium	47-1	2497.70	2497.65	2461.17	2485.51	0.85	ppb
Uranium	238-1	539.51	540.41	534.21	538.04	0.62	ppb
Vanadium	51-2	536.90	539.48	532.00	536.13	0.71	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.91	993.77	978.69	984.12	0.85	ppb
Zirconium	90-1	520.92	519.95	517.95	519.61	0.29	ppb
Zirconium	91-1	518.55	508.51	515.85	514.30	1.01	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:56:03	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.35	-0.01	-0.17		ppb
Antimony	121-1	0.21	0.24	0.24	0.23	8.63	ppb
Arsenic	75-2	-0.02	0.03	0.01	0.01	281.61	ppb
Barium	135-1	0.06	0.02	0.06	0.05	45.62	ppb
Barium	137-1	0.01	0.05	0.02	0.03	70.50	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	97.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	8.68	7.92	9.66	8.75	9.98	ppb
Boron	11-1	10.84	9.17	9.32	9.78	9.46	ppb
Cadmium	111-1	0.02	-0.10	-0.02	-0.04		ppb
Cadmium	106-1	-0.26	-1.80	-1.00	-1.02		ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	2.03	-0.22	2.51	1.44	101.38	ppb
Calcium	44-1	3.94	3.31	0.01	2.42	87.26	ppb
Chromium	52-2	0.11	0.16	0.19	0.15	27.09	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.08	0.01	-0.03	0.02	243.05	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				99		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	1.85	1.55	1.53	1.64	11.11	ppb
Iron	57-2	3.01	0.88	-0.08	1.27	124.79	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.13	0.23	0.20	27.54	ppb
Lead	207-1	0.25	0.32	0.25	0.27	13.88	ppb
Lead	208-1	0.23	0.23	0.23	0.23	0.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	3.62	2.93	3.57	3.37	11.41	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:56:03	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.00	0.01	118.86	ppb
Molybdenum	94-1	0.17	0.17	0.13	0.16	13.35	ppb
Molybdenum	95-1	0.13	0.21	0.13	0.15	28.85	ppb
Molybdenum	96-1	0.18	0.13	0.16	0.16	15.99	ppb
Molybdenum	97-1	0.19	0.12	0.15	0.15	21.67	ppb
Molybdenum	98-1	0.16	0.14	0.18	0.16	12.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	0.00	0.01	214.06	ppb
Phosphorus	31-2	-41.54	-59.31	-50.40	-50.42		ppb
Potassium	39-2	7.30	1.59	5.93	4.94	60.28	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	77-2	-0.30	-0.30	0.68	0.03	1997.75	ppb
Selenium	78-2	-1.45	0.43	-0.98	-0.67		ppb
Selenium	82-1	0.03	-0.73	0.49	-0.07		ppb
Silicon	28-1	-1.22	-1.65	-2.64	-1.84		ppb
Silver	109-1	0.04	0.02	0.02	0.03	43.43	ppb
Silver	107-1	0.04	0.03	0.03	0.04	18.42	ppb
Sodium	23-2	25.30	23.87	22.98	24.05	4.87	ppb
Strontium	86-1	-0.02	-0.02	0.10	0.02	312.76	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-3481.79	-3428.97	-3618.90	-3509.89		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.03	0.04	0.04	35.92	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	12.22	ppb
Thorium	232-1	0.03	0.04	0.03	0.03	15.86	ppb
Tin	118-1	0.04	0.02	0.05	0.04	34.96	ppb
Titanium	47-1	0.06	-0.05	0.01	0.01	772.01	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	141.67	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:56:03	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	-0.35	-0.11	-0.16		ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	40.30	ppb
Zirconium	91-1	-0.02	0.00	0.05	0.01	336.85	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	2.13	2.47	1.81	47.67	ppb
Antimony	121-1	1.15	1.05	1.10	1.10	4.52	ppb
Arsenic	75-2	0.44	0.38	0.42	0.41	7.10	ppb
Barium	135-1	88.02	85.52	86.98	86.84	1.44	ppb
Barium	137-1	88.60	86.72	87.83	87.71	1.08	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	2608.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	44.59	47.45	48.50	46.84	4.32	ppb
Boron	11-1	46.61	47.42	49.86	47.96	3.53	ppb
Cadmium	111-1	0.12	-0.04	-0.07	0.00	2428.37	ppb
Cadmium	106-1	-1.44	-2.74	-3.19	-2.46		ppb
Cadmium	108-1	0.06	0.14	0.06	0.09	52.15	ppb
Calcium	43-1	138968.98	137576.75	138388.75	138311.49	0.51	ppb
Calcium	44-1	141472.11	141977.51	143320.87	142256.83	0.67	ppb
Chromium	52-2	2.36	2.30	2.34	2.33	1.48	ppb
Cobalt	59-2	0.14	0.13	0.12	0.13	6.52	ppb
Copper	63-2	4.02	3.57	3.53	3.71	7.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	3.61	3.33	3.03	3.32	8.65	ppb
Iron	57-2	569.05	560.32	536.46	555.27	3.04	ppb
Krypton	83-1						cps
Lead	206-1	3.13	2.62	2.47	2.74	12.67	ppb
Lead	207-1	2.88	2.57	2.45	2.63	8.50	ppb
Lead	208-1	3.03	2.56	2.41	2.67	12.02	ppb
Lithium	6-1				79		%
Magnesium	24-2	15274.10	14965.77	14956.65	15065.51	1.20	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.32	0.24	0.32	0.29	16.37	ppb
Molybdenum	94-1	0.11	0.17	0.14	0.14	24.40	ppb
Molybdenum	95-1	0.13	0.10	0.14	0.13	15.25	ppb
Molybdenum	96-1	0.19	0.14	0.11	0.15	28.11	ppb
Molybdenum	97-1	0.11	0.19	0.13	0.14	29.59	ppb
Molybdenum	98-1	0.09	0.14	0.12	0.12	23.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.67	0.71	0.70	3.34	ppb
Phosphorus	31-2	-43.68	-39.11	-24.62	-35.80		ppb
Potassium	39-2	1308.14	1278.67	1279.04	1288.61	1.31	ppb
Rhodium	103-1				85		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	0.73	3.75	3.76	2.75	63.51	ppb
Selenium	78-2	0.20	0.48	-0.90	-0.07		ppb
Selenium	82-1	0.42	-0.49	0.14	0.02	1909.84	ppb
Silicon	28-1	3885.25	3790.90	3887.50	3854.55	1.43	ppb
Silver	109-1	0.83	0.68	0.58	0.69	18.02	ppb
Silver	107-1	0.85	0.69	0.53	0.69	23.09	ppb
Sodium	23-2	9213.20	9021.96	9065.46	9100.21	1.10	ppb
Strontium	86-1	1196.31	1183.84	1213.15	1197.77	1.23	ppb
Strontium	88-1	1210.91	1212.30	1237.59	1220.27	1.23	ppb
Sulfur	34-1	21996.44	21716.67	22501.85	22071.65	1.80	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.37	0.39	0.24	0.33	24.65	ppb
Thallium	205-1	0.44	0.28	0.21	0.31	38.72	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	28.58	ppb
Tin	118-1	0.84	0.77	0.76	0.79	5.57	ppb
Titanium	47-1	0.29	0.30	0.31	0.30	4.71	ppb
Uranium	238-1	0.63	0.58	0.62	0.61	4.78	ppb
Vanadium	51-2	0.41	0.37	0.37	0.39	6.18	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.54	13.81	14.01	14.12	2.68	ppb
Zirconium	90-1	0.03	0.03	0.07	0.04	56.21	ppb
Zirconium	91-1	0.03	0.06	0.05	0.04	32.75	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	3.52	2.46	2.91	18.76	ppb
Antimony	121-1	0.88	0.79	0.95	0.87	9.10	ppb
Arsenic	75-2	0.43	0.44	0.33	0.40	15.15	ppb
Barium	135-1	86.69	83.18	88.81	86.22	3.30	ppb
Barium	137-1	85.50	85.93	86.27	85.90	0.45	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	115.64	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	46.51	45.59	46.66	46.26	1.26	ppb
Boron	11-1	47.93	49.90	52.12	49.98	4.19	ppb
Cadmium	111-1	-0.03	-0.16	-0.24	-0.15		ppb
Cadmium	106-1	-1.69	-2.92	-3.63	-2.75		ppb
Cadmium	108-1	0.13	-0.02	0.06	0.06	140.41	ppb
Calcium	43-1	138255.57	138118.11	137914.33	138096.00	0.12	ppb
Calcium	44-1	143135.49	141836.47	142408.85	142460.27	0.46	ppb
Chromium	52-2	1.94	1.93	1.68	1.85	8.15	ppb
Cobalt	59-2	0.09	0.11	0.12	0.11	11.91	ppb
Copper	63-2	2.88	2.90	2.59	2.79	6.18	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				98		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				86		%
Iron	56-2	3.29	2.89	2.73	2.97	9.64	ppb
Iron	57-2	577.69	573.50	484.67	545.29	9.64	ppb
Krypton	83-1						cps
Lead	206-1	1.79	1.68	1.71	1.73	3.24	ppb
Lead	207-1	1.81	1.60	1.72	1.71	5.95	ppb
Lead	208-1	1.79	1.61	1.66	1.68	5.37	ppb
Lithium	6-1				70		%
Magnesium	24-2	15729.56	15498.57	13885.30	15037.81	6.68	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.35	0.44	0.34	0.38	14.19	ppb
Molybdenum	94-1	0.10	0.09	0.17	0.12	38.24	ppb
Molybdenum	95-1	0.09	0.08	0.06	0.08	20.58	ppb
Molybdenum	96-1	0.08	0.11	0.08	0.09	18.54	ppb
Molybdenum	97-1	0.12	0.04	0.06	0.07	59.78	ppb
Molybdenum	98-1	0.08	0.05	0.08	0.07	27.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.62	0.57	0.61	6.95	ppb
Phosphorus	31-2	-42.00	-36.52	-73.03	-50.52		ppb
Potassium	39-2	1312.17	1289.66	1164.45	1255.43	6.34	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	0.79	0.77	4.52	2.02	106.70	ppb
Selenium	78-2	-0.91	-0.23	-0.03	-0.39		ppb
Selenium	82-1	0.01	-0.47	0.16	-0.10		ppb
Silicon	28-1	3759.05	3781.99	3780.95	3774.00	0.34	ppb
Silver	109-1	0.23	0.26	0.23	0.24	7.72	ppb
Silver	107-1	0.23	0.23	0.27	0.25	9.83	ppb
Sodium	23-2	9433.10	9341.22	8439.44	9071.25	6.05	ppb
Strontium	86-1	1200.71	1174.75	1182.36	1185.94	1.13	ppb
Strontium	88-1	1215.28	1205.33	1221.58	1214.06	0.67	ppb
Sulfur	34-1	23186.14	22955.16	23173.43	23104.91	0.56	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	0.03	0.05	0.00	0.02	107.71	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	23.15	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	45.55	ppb
Tin	118-1	0.70	0.61	0.61	0.64	8.24	ppb
Titanium	47-1	0.44	0.33	0.36	0.38	15.71	ppb
Uranium	238-1	0.59	0.66	0.59	0.61	6.14	ppb
Vanadium	51-2	0.47	0.49	0.46	0.47	3.52	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.21	15.83	13.39	14.81	8.57	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	11.37	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	35.59	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.80	17.80	21.61	18.74	13.54	ppb
Antimony	121-1	0.24	0.24	0.25	0.24	4.64	ppb
Arsenic	75-2	0.07	0.00	0.08	0.05	87.99	ppb
Barium	135-1	18.12	16.65	17.30	17.36	4.25	ppb
Barium	137-1	16.68	16.73	17.11	16.84	1.39	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	13.08	13.44	11.32	12.61	9.00	ppb
Boron	11-1	14.16	14.23	13.87	14.08	1.36	ppb
Cadmium	111-1	-0.31	-0.15	-0.15	-0.20		ppb
Cadmium	106-1	-4.03	-2.11	-2.00	-2.71		ppb
Cadmium	108-1	0.13	-0.10	0.05	0.03	451.19	ppb
Calcium	43-1	29212.29	28776.02	28413.74	28800.68	1.39	ppb
Calcium	44-1	29234.43	28868.13	28406.91	28836.49	1.44	ppb
Chromium	52-2	0.51	0.56	0.48	0.52	7.27	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	112.34	ppb
Copper	63-2	0.90	1.01	0.84	0.92	9.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				101		%
Indium	115-2				87		%
Iron	56-2	3.48	3.37	3.25	3.37	3.51	ppb
Iron	57-2	117.45	126.71	104.07	116.08	9.80	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.70	0.61	0.66	6.49	ppb
Lead	207-1	0.74	0.66	0.62	0.67	8.99	ppb
Lead	208-1	0.70	0.71	0.61	0.67	8.35	ppb
Lithium	6-1				77		%
Magnesium	24-2	3149.91	3217.43	3197.60	3188.31	1.09	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.11	0.11	0.11	1.89	ppb
Molybdenum	94-1	0.03	0.03	0.09	0.05	66.75	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	9.30	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	28.04	ppb
Molybdenum	97-1	-0.02	0.09	0.01	0.03	218.71	ppb
Molybdenum	98-1	0.01	0.03	0.00	0.01	124.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.17	0.14	0.15	12.78	ppb
Phosphorus	31-2	-40.30	-54.75	-49.28	-48.11		ppb
Potassium	39-2	270.83	279.83	276.62	275.76	1.65	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	0.74	2.81	0.73	1.43	83.80	ppb
Selenium	78-2	-1.01	-0.31	0.55	-0.26		ppb
Selenium	82-1	-0.21	-0.12	-1.05	-0.46		ppb
Silicon	28-1	774.14	763.99	750.59	762.91	1.55	ppb
Silver	109-1	0.05	0.06	0.06	0.06	8.60	ppb
Silver	107-1	0.08	0.06	0.06	0.07	19.15	ppb
Sodium	23-2	1940.83	2023.76	1977.17	1980.59	2.10	ppb
Strontium	86-1	248.80	241.95	238.35	243.03	2.18	ppb
Strontium	88-1	247.48	243.89	241.23	244.20	1.28	ppb
Sulfur	34-1	5028.31	4524.07	4322.13	4624.83	7.86	ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	710.12	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.09	ppb
Tin	118-1	0.14	0.10	0.10	0.11	17.78	ppb
Titanium	47-1	-0.01	0.12	0.10	0.07	99.49	ppb
Uranium	238-1	0.12	0.12	0.10	0.11	10.11	ppb
Vanadium	51-2	0.19	0.19	0.25	0.21	14.24	ppb
Yttrium	89-1				93		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.40	6.36	6.55	6.44	1.58	ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	119.40	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	49.48	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9931.23	9801.92	9937.10	9890.08	0.77	ppb
Antimony	121-1	517.70	528.88	537.04	527.87	1.84	ppb
Arsenic	75-2	572.05	563.25	574.89	570.06	1.06	ppb
Barium	135-1	2658.67	2743.63	2760.76	2721.02	2.01	ppb
Barium	137-1	2661.36	2762.60	2764.76	2729.57	2.16	ppb
Beryllium	9-1	538.69	555.24	555.29	549.74	1.74	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	562.95	596.78	618.13	592.62	4.70	ppb
Boron	11-1	584.73	608.21	637.09	610.01	4.30	ppb
Cadmium	111-1	481.85	486.14	495.86	487.95	1.47	ppb
Cadmium	106-1	466.60	474.84	474.10	471.85	0.97	ppb
Cadmium	108-1	479.29	488.76	485.44	484.50	0.99	ppb
Calcium	43-1	188327.50	193229.69	192466.23	191341.14	1.38	ppb
Calcium	44-1	187623.34	193792.85	193477.38	191631.19	1.81	ppb
Chromium	52-2	598.36	594.20	602.77	598.45	0.72	ppb
Cobalt	59-2	623.81	625.56	626.73	625.37	0.24	ppb
Copper	63-2	1204.01	1191.69	1197.09	1197.60	0.52	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				99		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				79		%
Iron	56-2	26871.26	26591.39	26570.04	26677.56	0.63	ppb
Iron	57-2	28172.63	27916.27	28473.77	28187.55	0.99	ppb
Krypton	83-1						cps
Lead	206-1	542.92	556.57	561.47	553.65	1.74	ppb
Lead	207-1	551.11	567.06	570.41	562.86	1.83	ppb
Lead	208-1	551.35	567.64	568.20	562.40	1.70	ppb
Lithium	6-1				70		%
Magnesium	24-2	69937.38	68763.88	68987.31	69229.52	0.90	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1182.14	1174.55	1194.87	1183.85	0.87	ppb
Molybdenum	94-1	2344.49	2437.58	2435.60	2405.89	2.21	ppb
Molybdenum	95-1	2272.28	2352.89	2342.14	2322.43	1.88	ppb
Molybdenum	96-1	2277.95	2352.67	2351.72	2327.45	1.84	ppb
Molybdenum	97-1	2295.27	2356.16	2362.86	2338.10	1.59	ppb
Molybdenum	98-1	2295.04	2352.57	2362.86	2336.83	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	611.67	610.93	618.48	613.69	0.68	ppb
Phosphorus	31-2	-44.00	-13.56	-62.97	-40.18		ppb
Potassium	39-2	26195.11	25607.83	26243.70	26015.55	1.36	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				77		%
Selenium	77-2	544.86	472.38	527.81	515.02	7.36	ppb
Selenium	78-2	525.35	533.34	534.63	531.11	0.95	ppb
Selenium	82-1	528.55	534.54	548.12	537.07	1.87	ppb
Silicon	28-1	3894.84	3931.75	3949.73	3925.44	0.71	ppb
Silver	109-1	477.87	488.19	492.67	486.24	1.56	ppb
Silver	107-1	474.13	484.26	490.55	482.98	1.72	ppb
Sodium	23-2	66972.85	65542.12	65867.21	66127.39	1.13	ppb
Strontium	86-1	1625.29	1669.96	1688.05	1661.10	1.94	ppb
Strontium	88-1	1653.79	1705.78	1709.72	1689.76	1.85	ppb
Sulfur	34-1	21589.31	22072.04	21577.29	21746.22	1.30	ppb
Terbium	159-1				96		%
Terbium	159-2				86		%
Thallium	203-1	528.02	537.99	543.63	536.55	1.47	ppb
Thallium	205-1	540.43	549.54	559.44	549.81	1.73	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	10.09	ppb
Tin	118-1	515.34	520.01	529.52	521.62	1.39	ppb
Titanium	47-1	2236.83	2289.83	2294.43	2273.69	1.41	ppb
Uranium	238-1	544.97	564.68	561.82	557.16	1.91	ppb
Vanadium	51-2	583.08	574.05	582.06	579.73	0.85	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1088.44	1077.13	1096.50	1087.36	0.89	ppb
Zirconium	90-1	518.74	535.64	529.41	527.93	1.62	ppb
Zirconium	91-1	520.84	538.97	539.39	533.07	1.99	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9710.65	9640.63	9648.27	9666.51	0.40	ppb
Antimony	121-1	525.61	530.70	527.40	527.90	0.49	ppb
Arsenic	75-2	568.05	562.83	572.92	567.93	0.89	ppb
Barium	135-1	2713.05	2712.96	2698.23	2708.08	0.32	ppb
Barium	137-1	2710.10	2704.88	2715.65	2710.21	0.20	ppb
Beryllium	9-1	560.59	563.10	560.16	561.28	0.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	591.81	606.14	626.29	608.08	2.85	ppb
Boron	11-1	618.72	628.03	650.92	632.56	2.62	ppb
Cadmium	111-1	489.92	482.28	482.00	484.73	0.93	ppb
Cadmium	106-1	476.39	473.79	469.19	473.12	0.77	ppb
Cadmium	108-1	483.92	484.67	476.19	481.59	0.97	ppb
Calcium	43-1	193283.28	191971.45	191938.63	192397.79	0.40	ppb
Calcium	44-1	192925.61	192632.13	191675.48	192411.07	0.34	ppb
Chromium	52-2	586.25	584.39	591.40	587.35	0.62	ppb
Cobalt	59-2	613.79	606.76	613.79	611.45	0.66	ppb
Copper	63-2	1179.93	1168.32	1179.96	1176.07	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				79		%
Iron	56-2	26356.69	26274.19	26078.81	26236.56	0.54	ppb
Iron	57-2	27448.70	27480.74	27622.57	27517.34	0.34	ppb
Krypton	83-1						cps
Lead	206-1	557.11	548.90	553.23	553.08	0.74	ppb
Lead	207-1	563.33	553.48	562.85	559.89	0.99	ppb
Lead	208-1	560.41	557.29	560.56	559.42	0.33	ppb
Lithium	6-1				66		%
Magnesium	24-2	68567.55	68037.71	69181.96	68595.74	0.83	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1145.22	1152.85	1158.78	1152.28	0.59	ppb
Molybdenum	94-1	2387.61	2405.64	2385.75	2393.00	0.46	ppb
Molybdenum	95-1	2301.08	2330.74	2302.58	2311.46	0.72	ppb
Molybdenum	96-1	2320.25	2328.47	2296.91	2315.21	0.71	ppb
Molybdenum	97-1	2318.47	2314.24	2311.98	2314.89	0.14	ppb
Molybdenum	98-1	2325.32	2310.19	2299.31	2311.60	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	600.89	596.36	599.54	598.93	0.39	ppb
Phosphorus	31-2	-40.62	-50.43	-47.40	-46.15		ppb
Potassium	39-2	25463.20	25246.39	25234.53	25314.70	0.51	ppb
Rhodium	103-1				81		%
Rhodium	103-2				85		%
Scandium	45-1				79		%
Scandium	45-2				76		%
Selenium	77-2	497.95	500.92	529.62	509.49	3.43	ppb
Selenium	78-2	525.82	513.92	528.04	522.59	1.45	ppb
Selenium	82-1	534.64	534.76	526.09	531.83	0.94	ppb
Silicon	28-1	3878.59	3849.39	3845.16	3857.71	0.47	ppb
Silver	109-1	483.31	483.63	485.01	483.98	0.19	ppb
Silver	107-1	480.35	478.43	477.80	478.86	0.28	ppb
Sodium	23-2	63984.04	63124.85	63594.44	63567.78	0.68	ppb
Strontium	86-1	1654.44	1631.13	1617.75	1634.44	1.14	ppb
Strontium	88-1	1685.10	1668.32	1658.26	1670.56	0.81	ppb
Sulfur	34-1	21360.86	20531.17	20419.33	20770.45	2.48	ppb
Terbium	159-1				95		%
Terbium	159-2				86		%
Thallium	203-1	533.23	530.60	533.89	532.57	0.33	ppb
Thallium	205-1	551.35	548.34	555.76	551.82	0.68	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	25.81	ppb
Tin	118-1	517.28	519.20	513.52	516.67	0.56	ppb
Titanium	47-1	2244.83	2246.02	2212.38	2234.41	0.85	ppb
Uranium	238-1	556.96	550.98	556.82	554.92	0.62	ppb
Vanadium	51-2	568.61	573.18	574.53	572.11	0.54	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1063.65	1056.08	1060.65	1060.13	0.36	ppb
Zirconium	90-1	519.22	515.57	519.94	518.25	0.45	ppb
Zirconium	91-1	519.63	522.62	522.41	521.55	0.32	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9722.00	9591.50	9650.01	9654.51	0.68	ppb
Antimony	121-1	528.46	520.84	518.38	522.56	1.01	ppb
Arsenic	75-2	557.46	563.35	566.62	562.48	0.82	ppb
Barium	135-1	2724.25	2670.56	2712.50	2702.44	1.04	ppb
Barium	137-1	2711.59	2680.33	2706.06	2699.33	0.62	ppb
Beryllium	9-1	570.41	564.19	568.06	567.55	0.55	ppb
Bismuth	209-1				95		%
Bismuth	209-2				84		%
Boron	10-1	617.31	632.01	628.08	625.80	1.22	ppb
Boron	11-1	645.98	658.59	662.95	655.84	1.34	ppb
Cadmium	111-1	487.91	479.96	483.17	483.68	0.83	ppb
Cadmium	106-1	476.19	463.80	472.84	470.94	1.36	ppb
Cadmium	108-1	477.58	467.37	458.55	467.83	2.04	ppb
Calcium	43-1	193189.04	190615.38	189220.50	191008.30	1.05	ppb
Calcium	44-1	192680.29	191243.19	190972.64	191632.04	0.48	ppb
Chromium	52-2	601.40	589.85	591.67	594.31	1.05	ppb
Cobalt	59-2	623.73	617.59	619.69	620.34	0.50	ppb
Copper	63-2	1190.99	1189.13	1190.69	1190.27	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				80		%
Iron	56-2	26580.17	26134.97	26064.91	26260.02	1.06	ppb
Iron	57-2	27957.37	27663.36	27793.04	27804.59	0.53	ppb
Krypton	83-1						cps
Lead	206-1	552.14	552.13	560.19	554.82	0.84	ppb
Lead	207-1	561.05	562.11	564.03	562.40	0.27	ppb
Lead	208-1	564.13	559.80	563.86	562.59	0.43	ppb
Lithium	6-1				64		%
Magnesium	24-2	68857.22	67482.48	67800.51	68046.74	1.06	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1166.43	1158.77	1163.30	1162.83	0.33	ppb
Molybdenum	94-1	2416.73	2424.84	2379.34	2406.97	1.01	ppb
Molybdenum	95-1	2324.27	2330.76	2306.76	2320.59	0.53	ppb
Molybdenum	96-1	2339.54	2340.66	2334.75	2338.32	0.13	ppb
Molybdenum	97-1	2306.56	2311.38	2310.93	2309.62	0.12	ppb
Molybdenum	98-1	2326.57	2336.08	2325.27	2329.31	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	603.85	604.54	605.65	604.68	0.15	ppb
Phosphorus	31-2	-34.24	-38.04	-47.52	-39.93		ppb
Potassium	39-2	25754.00	25284.88	25284.37	25441.08	1.07	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				79		%
Scandium	45-2				77		%
Selenium	77-2	536.07	506.80	511.06	517.98	3.05	ppb
Selenium	78-2	501.61	514.65	515.86	510.71	1.55	ppb
Selenium	82-1	535.26	535.42	526.11	532.26	1.00	ppb
Silicon	28-1	3879.81	3813.07	3771.91	3821.60	1.42	ppb
Silver	109-1	485.32	474.29	478.18	479.26	1.17	ppb
Silver	107-1	485.04	474.15	473.20	477.47	1.38	ppb
Sodium	23-2	65173.94	63971.34	64022.18	64389.15	1.06	ppb
Strontium	86-1	1653.79	1646.01	1635.92	1645.24	0.54	ppb
Strontium	88-1	1672.85	1668.21	1669.77	1670.27	0.14	ppb
Sulfur	34-1	21111.19	20254.74	19810.13	20392.02	3.24	ppb
Terbium	159-1				97		%
Terbium	159-2				87		%
Thallium	203-1	541.26	536.98	539.34	539.19	0.40	ppb
Thallium	205-1	551.22	547.76	552.97	550.65	0.48	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	15.09	ppb
Tin	118-1	521.72	510.88	514.97	515.86	1.06	ppb
Titanium	47-1	2263.80	2243.21	2231.75	2246.25	0.72	ppb
Uranium	238-1	560.08	553.67	562.39	558.71	0.81	ppb
Vanadium	51-2	581.44	576.87	576.86	578.39	0.46	ppb
Yttrium	89-1				86		%
Yttrium	89-2				81		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1074.45	1073.76	1084.13	1077.44	0.54	ppb
Zirconium	90-1	522.98	520.98	517.30	520.42	0.55	ppb
Zirconium	91-1	527.55	528.08	522.02	525.89	0.64	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.39	11.17	8.49	9.69	14.11	ppb
Antimony	121-1	2.27	2.21	2.34	2.27	2.87	ppb
Arsenic	75-2	0.77	0.46	0.50	0.58	29.03	ppb
Barium	135-1	109.84	106.32	107.79	107.98	1.64	ppb
Barium	137-1	109.39	109.08	108.13	108.87	0.60	ppb
Beryllium	9-1	0.10	0.10	0.05	0.08	38.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	537.30	544.37	537.98	539.88	0.72	ppb
Boron	11-1	578.84	587.77	590.38	585.66	1.03	ppb
Cadmium	111-1	1.70	1.44	1.33	1.49	12.72	ppb
Cadmium	106-1	1.53	-2.01	-2.49	-0.99		ppb
Cadmium	108-1	1.75	1.68	1.20	1.55	19.45	ppb
Calcium	43-1	57828.01	57144.29	56846.38	57272.89	0.88	ppb
Calcium	44-1	58382.27	58915.51	58383.95	58560.58	0.52	ppb
Chromium	52-2	1819.17	1804.82	1805.39	1809.79	0.45	ppb
Cobalt	59-2	0.61	0.65	0.62	0.62	3.19	ppb
Copper	63-2	11.28	10.90	11.03	11.07	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				81		%
Iron	56-2	16.68	16.22	16.66	16.52	1.57	ppb
Iron	57-2	232.08	243.22	236.24	237.18	2.37	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.21	1.02	1.12	8.57	ppb
Lead	207-1	1.07	1.10	1.06	1.08	1.97	ppb
Lead	208-1	1.12	1.15	1.02	1.10	6.11	ppb
Lithium	6-1				63		%
Magnesium	24-2	12218.84	12365.29	12286.52	12290.21	0.60	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1226.85	1249.48	1251.12	1242.48	1.09	ppb
Molybdenum	94-1	1.11	1.16	1.16	1.14	2.82	ppb
Molybdenum	95-1	1.54	1.33	1.59	1.49	9.36	ppb
Molybdenum	96-1	1.41	1.45	1.29	1.38	5.87	ppb
Molybdenum	97-1	1.40	1.34	1.57	1.44	8.32	ppb
Molybdenum	98-1	1.61	1.40	1.41	1.47	7.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.31	20.91	20.24	20.49	1.79	ppb
Phosphorus	31-2	11.22	4.61	-2.23	4.53	148.27	ppb
Potassium	39-2	2277.97	2271.44	2284.20	2277.87	0.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				77		%
Selenium	77-2	5.16	4.02	2.98	4.06	26.92	ppb
Selenium	78-2	2.26	1.28	3.01	2.19	39.63	ppb
Selenium	82-1	1.13	1.29	1.20	1.21	6.86	ppb
Silicon	28-1	3258.68	3308.57	3264.18	3277.15	0.83	ppb
Silver	109-1	0.22	0.16	0.14	0.17	21.33	ppb
Silver	107-1	0.19	0.13	0.10	0.14	30.40	ppb
Sodium	23-2	137990.87	136477.70	136520.70	136996.42	0.63	ppb
Strontium	86-1	172.43	170.65	166.98	170.02	1.64	ppb
Strontium	88-1	168.87	168.19	167.10	168.05	0.53	ppb
Sulfur	34-1	28433.81	28270.83	28067.35	28257.33	0.65	ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.99	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	15.97	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.75	1.74	1.49	1.66	8.87	ppb
Titanium	47-1	0.45	0.57	0.69	0.57	20.44	ppb
Uranium	238-1	0.21	0.21	0.23	0.22	5.56	ppb
Vanadium	51-2	0.61	0.57	0.62	0.60	4.18	ppb
Yttrium	89-1				88		%
Yttrium	89-2				81		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.72	25.66	25.74	25.37	2.24	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	18.09	ppb
Zirconium	91-1	0.07	0.04	0.10	0.07	39.15	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.48	9.41	12.27	10.05	19.65	ppb
Antimony	121-1	2.28	2.28	2.28	2.28	0.15	ppb
Arsenic	75-2	0.59	0.33	0.54	0.49	29.10	ppb
Barium	135-1	111.49	113.34	111.80	112.21	0.88	ppb
Barium	137-1	115.22	112.70	111.63	113.18	1.63	ppb
Beryllium	9-1	0.07	0.08	0.06	0.07	9.01	ppb
Bismuth	209-1				97		%
Bismuth	209-2				84		%
Boron	10-1	560.69	591.19	598.27	583.39	3.42	ppb
Boron	11-1	618.32	633.15	644.63	632.03	2.09	ppb
Cadmium	111-1	1.61	1.38	1.37	1.45	9.20	ppb
Cadmium	106-1	-1.39	-2.00	-1.79	-1.73		ppb
Cadmium	108-1	1.30	1.37	1.14	1.27	9.44	ppb
Calcium	43-1	60036.04	59417.49	59155.93	59536.48	0.76	ppb
Calcium	44-1	60631.80	60744.16	60567.88	60647.95	0.15	ppb
Chromium	52-2	1943.17	1970.83	1917.80	1943.93	1.36	ppb
Cobalt	59-2	0.57	0.66	0.63	0.62	7.12	ppb
Copper	63-2	13.12	13.15	12.96	13.08	0.76	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				89		%
Indium	115-1				95		%
Indium	115-2				82		%
Iron	56-2	16.75	16.98	16.65	16.79	1.01	ppb
Iron	57-2	257.94	257.37	255.83	257.05	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.82	0.90	0.88	6.07	ppb
Lead	207-1	0.79	0.78	0.84	0.80	4.23	ppb
Lead	208-1	0.87	0.84	0.81	0.84	3.63	ppb
Lithium	6-1				59		%
Magnesium	24-2	12820.72	13004.30	12768.16	12864.40	0.96	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1323.60	1341.72	1310.73	1325.35	1.17	ppb
Molybdenum	94-1	0.96	1.11	1.03	1.03	7.18	ppb
Molybdenum	95-1	1.16	1.28	1.25	1.23	4.92	ppb
Molybdenum	96-1	1.22	1.09	1.15	1.16	5.97	ppb
Molybdenum	97-1	1.32	1.08	1.24	1.21	10.22	ppb
Molybdenum	98-1	1.29	1.24	1.27	1.26	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.42	23.95	22.54	23.30	3.04	ppb
Phosphorus	31-2	39.02	10.94	-7.21	14.25	163.46	ppb
Potassium	39-2	2379.28	2466.14	2397.14	2414.19	1.90	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				79		%
Scandium	45-2				76		%
Selenium	77-2	2.97	5.17	1.88	3.34	50.11	ppb
Selenium	78-2	3.18	0.97	2.44	2.20	51.21	ppb
Selenium	82-1	2.28	1.11	1.61	1.67	35.32	ppb
Silicon	28-1	3410.59	3415.62	3395.26	3407.15	0.31	ppb
Silver	109-1	0.08	0.08	0.10	0.09	12.56	ppb
Silver	107-1	0.12	0.10	0.11	0.11	9.92	ppb
Sodium	23-2	143930.27	146908.02	142199.71	144346.00	1.65	ppb
Strontium	86-1	179.06	174.77	176.14	176.66	1.24	ppb
Strontium	88-1	175.39	172.85	173.99	174.08	0.73	ppb
Sulfur	34-1	30417.05	29058.41	28901.17	29458.88	2.83	ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.01	0.02	0.02	27.51	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	34.32	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	1.15	1.12	1.12	1.13	1.41	ppb
Titanium	47-1	0.31	0.39	0.33	0.34	13.17	ppb
Uranium	238-1	0.22	0.22	0.21	0.21	2.43	ppb
Vanadium	51-2	0.56	0.59	0.62	0.59	5.07	ppb
Yttrium	89-1				87		%
Yttrium	89-2				81		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.95	25.07	24.26	24.76	1.77	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	21.26	ppb
Zirconium	91-1	0.07	0.07	0.05	0.07	18.90	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	1.13	1.63	1.23	29.48	ppb
Antimony	121-1	0.50	0.51	0.51	0.51	1.54	ppb
Arsenic	75-2	0.24	0.18	0.19	0.20	15.27	ppb
Barium	135-1	22.17	21.44	21.62	21.74	1.73	ppb
Barium	137-1	22.73	22.52	21.50	22.25	2.97	ppb
Beryllium	9-1	0.00	0.03	0.03	0.02	107.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	138.00	137.58	134.09	136.56	1.57	ppb
Boron	11-1	140.64	142.49	143.88	142.34	1.14	ppb
Cadmium	111-1	0.07	0.41	0.04	0.18	117.80	ppb
Cadmium	106-1	-3.62	0.33	-3.08	-2.12		ppb
Cadmium	108-1	0.05	0.20	0.56	0.27	97.77	ppb
Calcium	43-1	11899.98	11918.93	11811.22	11876.71	0.48	ppb
Calcium	44-1	11869.18	11979.80	11887.56	11912.18	0.50	ppb
Chromium	52-2	395.69	377.38	404.84	392.64	3.56	ppb
Cobalt	59-2	0.10	0.10	0.11	0.10	2.71	ppb
Copper	63-2	3.28	3.54	3.65	3.49	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				94		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	5.08	4.74	5.28	5.03	5.45	ppb
Iron	57-2	57.65	48.60	54.14	53.46	8.54	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.32	0.31	0.33	10.20	ppb
Lead	207-1	0.35	0.33	0.26	0.31	16.08	ppb
Lead	208-1	0.31	0.28	0.29	0.29	5.61	ppb
Lithium	6-1				70		%
Magnesium	24-2	2614.14	2478.52	2628.57	2573.74	3.22	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	268.67	257.13	271.79	265.86	2.91	ppb
Molybdenum	94-1	0.26	0.17	0.23	0.22	21.11	ppb
Molybdenum	95-1	0.21	0.24	0.29	0.24	16.59	ppb
Molybdenum	96-1	0.25	0.22	0.17	0.21	18.32	ppb
Molybdenum	97-1	0.34	0.31	0.19	0.28	27.70	ppb
Molybdenum	98-1	0.24	0.24	0.32	0.27	17.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.40	4.42	5.12	4.65	8.76	ppb
Phosphorus	31-2	-21.37	-46.81	-35.76	-34.65		ppb
Potassium	39-2	499.27	455.54	490.74	481.85	4.81	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				80		%
Selenium	77-2	0.74	0.70	-0.30	0.38	154.15	ppb
Selenium	78-2	-0.49	-0.75	-0.25	-0.50		ppb
Selenium	82-1	-0.13	-0.01	0.00	-0.05		ppb
Silicon	28-1	671.56	672.72	671.47	671.92	0.10	ppb
Silver	109-1	0.04	0.03	0.03	0.03	25.52	ppb
Silver	107-1	0.05	0.03	0.04	0.04	16.48	ppb
Sodium	23-2	28644.40	27127.07	28702.58	28158.02	3.17	ppb
Strontium	86-1	35.06	34.23	34.09	34.46	1.51	ppb
Strontium	88-1	35.30	34.30	34.02	34.54	1.95	ppb
Sulfur	34-1	4866.09	4558.91	4205.40	4543.47	7.28	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	0.02	0.01	141.67	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	499.00	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.13	0.08	0.11	0.11	22.45	ppb
Titanium	47-1	0.09	0.05	0.10	0.08	31.30	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	11.47	ppb
Vanadium	51-2	0.18	0.14	0.17	0.16	14.18	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.56	6.77	7.08	6.81	3.82	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	93.42	ppb
Zirconium	91-1	0.02	-0.02	0.03	0.01	235.61	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MS	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:35:16	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9434.48	9425.18	9289.72	9383.13	0.86	ppb
Antimony	121-1	515.69	506.79	539.90	520.79	3.29	ppb
Arsenic	75-2	544.68	550.57	548.80	548.02	0.55	ppb
Barium	135-1	2699.68	2640.52	2832.33	2724.18	3.61	ppb
Barium	137-1	2726.59	2686.24	2842.15	2751.66	2.94	ppb
Beryllium	9-1	558.59	572.96	581.63	571.06	2.04	ppb
Bismuth	209-1				94		%
Bismuth	209-2				84		%
Boron	10-1	1073.57	1116.09	1166.51	1118.72	4.16	ppb
Boron	11-1	1144.70	1146.90	1211.27	1167.62	3.24	ppb
Cadmium	111-1	472.63	470.54	492.53	478.57	2.54	ppb
Cadmium	106-1	438.45	445.96	471.53	451.98	3.84	ppb
Cadmium	108-1	472.97	456.66	495.26	474.96	4.08	ppb
Calcium	43-1	104062.61	103822.27	109617.66	105834.18	3.10	ppb
Calcium	44-1	106390.59	105161.13	110908.36	107486.69	2.82	ppb
Chromium	52-2	2385.43	2352.16	2346.76	2361.45	0.89	ppb
Cobalt	59-2	604.24	608.65	605.75	606.21	0.37	ppb
Copper	63-2	1185.20	1184.95	1192.31	1187.49	0.35	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				91		%
Indium	115-1				91		%
Indium	115-2				81		%
Iron	56-2	25883.48	25843.44	25571.03	25765.98	0.66	ppb
Iron	57-2	26850.17	26940.53	26865.29	26885.33	0.18	ppb
Krypton	83-1						cps
Lead	206-1	538.18	539.47	567.89	548.51	3.06	ppb
Lead	207-1	548.62	543.63	573.21	555.15	2.85	ppb
Lead	208-1	548.21	545.96	577.50	557.22	3.16	ppb
Lithium	6-1				61		%
Magnesium	24-2	64001.89	63477.47	63306.61	63595.32	0.57	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MS	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:35:16	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2343.23	2341.85	2332.89	2339.33	0.24	ppb
Molybdenum	94-1	2327.56	2355.17	2477.60	2386.78	3.35	ppb
Molybdenum	95-1	2260.79	2277.35	2438.40	2325.51	4.22	ppb
Molybdenum	96-1	2277.06	2269.63	2444.51	2330.40	4.24	ppb
Molybdenum	97-1	2289.84	2290.95	2453.92	2344.90	4.03	ppb
Molybdenum	98-1	2290.16	2274.13	2436.16	2333.48	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	609.20	611.68	616.37	612.42	0.59	ppb
Phosphorus	31-2	-4.55	-7.54	-7.70	-6.59		ppb
Potassium	39-2	26527.53	26081.78	25929.25	26179.52	1.19	ppb
Rhodium	103-1				81		%
Rhodium	103-2				87		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	458.92	478.16	494.75	477.28	3.76	ppb
Selenium	78-2	512.15	495.83	496.13	501.37	1.86	ppb
Selenium	82-1	517.48	515.31	539.90	524.23	2.60	ppb
Silicon	28-1	3595.70	3558.06	3772.64	3642.13	3.15	ppb
Silver	109-1	465.72	466.93	483.45	472.03	2.10	ppb
Silver	107-1	466.94	457.55	481.74	468.75	2.60	ppb
Sodium	23-2	191501.04	188818.35	187732.64	189350.68	1.02	ppb
Strontium	86-1	679.67	672.00	710.65	687.44	2.98	ppb
Strontium	88-1	673.90	668.77	714.41	685.69	3.65	ppb
Sulfur	34-1	28560.10	27711.45	29417.85	28563.13	2.99	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	521.20	522.96	549.22	531.12	2.95	ppb
Thallium	205-1	537.25	542.85	570.62	550.24	3.25	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	43.80	ppb
Tin	118-1	506.95	501.32	524.80	511.02	2.40	ppb
Titanium	47-1	2189.37	2182.18	2333.76	2235.10	3.83	ppb
Uranium	238-1	552.95	549.13	581.31	561.13	3.13	ppb
Vanadium	51-2	567.47	567.11	562.71	565.76	0.47	ppb
Yttrium	89-1				86		%
Yttrium	89-2				82		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MS	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:35:16	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.54	1067.13	1058.76	1063.48	0.40	ppb
Zirconium	90-1	507.38	510.89	532.60	516.96	2.64	ppb
Zirconium	91-1	511.96	509.55	537.40	519.64	2.97	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49898.58	49917.22	49537.33	49784.38	0.43	ppb
Antimony	121-1	470.24	473.29	472.81	472.11	0.35	ppb
Arsenic	75-2	506.89	508.46	504.76	506.70	0.37	ppb
Barium	135-1	2474.37	2489.51	2466.92	2476.93	0.46	ppb
Barium	137-1	2501.82	2489.24	2479.46	2490.17	0.45	ppb
Beryllium	9-1	502.78	493.00	501.88	499.22	1.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	510.18	507.55	518.54	512.09	1.12	ppb
Boron	11-1	520.63	532.95	538.68	530.75	1.74	ppb
Cadmium	111-1	490.03	492.87	497.35	493.42	0.75	ppb
Cadmium	106-1	478.44	475.79	496.10	483.45	2.28	ppb
Cadmium	108-1	495.23	484.36	484.88	488.15	1.26	ppb
Calcium	43-1	237353.28	235476.92	233520.45	235450.22	0.81	ppb
Calcium	44-1	235755.05	234294.44	236729.25	235592.92	0.52	ppb
Chromium	52-2	540.21	541.94	539.80	540.65	0.21	ppb
Cobalt	59-2	564.30	562.73	563.85	563.63	0.14	ppb
Copper	63-2	1054.07	1055.88	1056.18	1055.38	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	129270.79	127841.17	126643.50	127918.49	1.03	ppb
Iron	57-2	128761.55	128117.68	127286.63	128055.29	0.58	ppb
Krypton	83-1						cps
Lead	206-1	509.94	504.52	508.31	507.59	0.55	ppb
Lead	207-1	518.13	513.69	516.33	516.05	0.43	ppb
Lead	208-1	519.05	514.34	516.79	516.73	0.46	ppb
Lithium	6-1				80		%
Magnesium	24-2	245182.85	244896.35	238822.14	242967.11	1.48	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1054.01	1053.64	1049.01	1052.22	0.26	ppb
Molybdenum	94-1	2571.65	2574.58	2563.45	2569.89	0.22	ppb
Molybdenum	95-1	2555.17	2582.76	2568.38	2568.77	0.54	ppb
Molybdenum	96-1	2565.10	2565.89	2569.74	2566.91	0.10	ppb
Molybdenum	97-1	2572.70	2580.51	2579.70	2577.64	0.17	ppb
Molybdenum	98-1	2554.46	2581.98	2554.34	2563.59	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.56	544.73	543.24	545.18	0.40	ppb
Phosphorus	31-2	9578.70	9969.06	9491.01	9679.59	2.63	ppb
Potassium	39-2	118980.12	118427.35	118282.58	118563.35	0.31	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	444.40	482.01	446.16	457.53	4.64	ppb
Selenium	78-2	479.73	475.27	476.42	477.14	0.49	ppb
Selenium	82-1	469.41	470.53	477.07	472.34	0.88	ppb
Silicon	28-1	427.78	438.86	446.52	437.72	2.15	ppb
Silver	109-1	512.45	511.13	505.56	509.71	0.72	ppb
Silver	107-1	508.43	513.96	520.18	514.19	1.14	ppb
Sodium	23-2	244128.19	244830.11	240265.29	243074.53	1.01	ppb
Strontium	86-1	511.61	508.64	512.85	511.03	0.42	ppb
Strontium	88-1	513.64	514.15	514.79	514.20	0.11	ppb
Sulfur	34-1	9323.84	9309.15	9357.67	9330.22	0.27	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	508.09	499.58	505.17	504.28	0.86	ppb
Thallium	205-1	521.02	522.00	524.74	522.59	0.37	ppb
Thorium	232-1	537.66	541.64	541.84	540.38	0.44	ppb
Tin	118-1	483.48	481.27	486.62	483.79	0.56	ppb
Titanium	47-1	2501.10	2471.85	2496.29	2489.75	0.63	ppb
Uranium	238-1	536.82	532.13	537.91	535.62	0.57	ppb
Vanadium	51-2	535.76	542.79	537.18	538.57	0.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	978.75	985.50	982.67	982.31	0.34	ppb
Zirconium	90-1	517.67	513.15	515.04	515.28	0.44	ppb
Zirconium	91-1	506.92	513.52	511.36	510.60	0.66	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.44	0.60	0.45	32.21	ppb
Antimony	121-1	0.19	0.27	0.32	0.26	24.03	ppb
Arsenic	75-2	-0.02	0.03	-0.03	-0.01		ppb
Barium	135-1	0.03	0.03	0.11	0.06	75.11	ppb
Barium	137-1	0.06	0.07	0.06	0.07	11.95	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	24.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	32.71	28.65	31.38	30.91	6.69	ppb
Boron	11-1	33.77	32.86	32.55	33.06	1.92	ppb
Cadmium	111-1	-0.04	-0.01	-0.06	-0.04		ppb
Cadmium	106-1	-0.92	-0.50	-1.50	-0.97		ppb
Cadmium	108-1	-0.03	0.27	0.05	0.10	156.04	ppb
Calcium	43-1	6.71	2.31	10.51	6.51	63.05	ppb
Calcium	44-1	10.57	11.77	13.13	11.82	10.83	ppb
Chromium	52-2	0.22	0.22	0.26	0.23	10.80	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.20	0.18	0.18	0.19	6.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	3.33	2.96	3.14	3.14	5.81	ppb
Iron	57-2	5.96	4.72	2.88	4.52	34.22	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.35	0.46	0.41	13.12	ppb
Lead	207-1	0.37	0.26	0.35	0.33	18.52	ppb
Lead	208-1	0.35	0.33	0.38	0.35	6.78	ppb
Lithium	6-1				81		%
Magnesium	24-2	4.63	5.48	5.00	5.03	8.45	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	0.05	0.03	92.18	ppb
Molybdenum	94-1	0.31	0.34	0.30	0.31	6.18	ppb
Molybdenum	95-1	0.33	0.32	0.27	0.31	10.62	ppb
Molybdenum	96-1	0.31	0.31	0.40	0.34	14.22	ppb
Molybdenum	97-1	0.30	0.24	0.35	0.30	19.27	ppb
Molybdenum	98-1	0.31	0.32	0.32	0.32	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.03	0.02	77.02	ppb
Phosphorus	31-2	-58.71	-39.25	-53.26	-50.41		ppb
Potassium	39-2	23.51	13.76	24.67	20.65	29.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	1.17	-1.03	1.45	0.53	256.15	ppb
Selenium	82-1	-0.11	-0.25	-0.16	-0.18		ppb
Silicon	28-1	-3.40	-3.51	-3.16	-3.36		ppb
Silver	109-1	0.15	0.10	0.14	0.13	20.46	ppb
Silver	107-1	0.15	0.09	0.08	0.11	35.82	ppb
Sodium	23-2	46.61	45.46	44.06	45.38	2.82	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	54.94	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	231.92	ppb
Sulfur	34-1	-1580.13	-1379.84	-1215.32	-1391.76		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.09	0.07	0.09	22.52	ppb
Thallium	205-1	0.07	0.09	0.09	0.08	13.05	ppb
Thorium	232-1	0.07	0.06	0.07	0.07	7.20	ppb
Tin	118-1	0.04	0.04	0.05	0.04	15.45	ppb
Titanium	47-1	0.13	0.09	-0.01	0.07	108.98	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	165.97	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	61.48	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.09	-0.09	-0.09		ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	27.48	ppb
Zirconium	91-1	0.05	0.04	0.00	0.03	99.22	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : PB121113BL Instrumnet Name : P7
 Client Sample ID : PB121113BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 17:50:24 DataFile Name : 067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	0.29	0.29	0.04	1144.60	ppb
Antimony	121-1	0.05	0.07	0.03	0.05	41.17	ppb
Arsenic	75-2	0.01	0.05	-0.03	0.01	477.25	ppb
Barium	135-1	0.00	-0.03	0.00	-0.01		ppb
Barium	137-1	0.02	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	23.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	15.93	14.77	13.07	14.59	9.86	ppb
Boron	11-1	16.16	15.97	14.56	15.56	5.62	ppb
Cadmium	111-1	-0.11	-0.22	-0.13	-0.16		ppb
Cadmium	106-1	-1.51	-3.17	-1.94	-2.20		ppb
Cadmium	108-1	-0.03	0.05	0.05	0.02	194.98	ppb
Calcium	43-1	-2.91	-1.16	0.46	-1.20		ppb
Calcium	44-1	2.96	0.53	1.22	1.57	80.12	ppb
Chromium	52-2	0.16	0.44	0.27	0.29	47.15	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.03	0.23	0.10	0.12	84.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	0.31	0.64	0.71	0.55	38.48	ppb
Iron	57-2	-0.38	-1.06	-1.93	-1.12		ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.30	0.29	0.29	6.57	ppb
Lead	207-1	0.27	0.32	0.23	0.27	16.72	ppb
Lead	208-1	0.26	0.26	0.27	0.26	1.10	ppb
Lithium	6-1				84		%
Magnesium	24-2	0.60	0.43	0.55	0.53	16.57	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BL	Instrumnet Name :	P7
Client Sample ID :	PB121113BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:50:24	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.02	0.01	61.00	ppb
Molybdenum	94-1	0.12	0.15	0.15	0.14	10.84	ppb
Molybdenum	95-1	0.05	0.03	0.12	0.07	72.32	ppb
Molybdenum	96-1	0.08	0.06	0.05	0.06	23.75	ppb
Molybdenum	97-1	0.12	0.14	0.06	0.11	37.41	ppb
Molybdenum	98-1	0.06	0.09	0.06	0.07	17.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-43.51	-26.91	-42.09	-37.50		ppb
Potassium	39-2	-12.42	11.25	-1.47	-0.88		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	-0.30	0.74	-0.30	0.05	1209.12	ppb
Selenium	78-2	-0.77	0.42	0.59	0.08	963.23	ppb
Selenium	82-1	0.02	0.19	0.17	0.13	75.95	ppb
Silicon	28-1	-4.53	-4.65	-4.42	-4.53		ppb
Silver	109-1	0.02	0.04	0.04	0.03	35.40	ppb
Silver	107-1	0.03	0.04	0.02	0.03	33.26	ppb
Sodium	23-2	18.25	28.66	23.96	23.62	22.08	ppb
Strontium	86-1	-0.01	-0.01	-0.06	-0.03		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2051.39	-2003.64	-2162.35	-2072.46		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.00	0.01	0.02	149.89	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	39.59	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	28.29	ppb
Tin	118-1	0.00	0.03	0.03	0.02	80.38	ppb
Titanium	47-1	0.06	0.03	-0.01	0.03	119.82	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				97		%
Yttrium	89-2				93		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BL	Instrumnet Name :	P7
Client Sample ID :	PB121113BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:50:24	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.15	-0.30	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.11	ppb
Zirconium	91-1	0.04	0.00	0.02	0.02	101.71	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8930.10	9047.60	9103.78	9027.16	0.98	ppb
Antimony	121-1	498.39	495.54	496.33	496.75	0.30	ppb
Arsenic	75-2	510.89	514.75	521.02	515.55	0.99	ppb
Barium	135-1	2452.61	2486.85	2485.16	2474.87	0.78	ppb
Barium	137-1	2482.47	2500.52	2495.13	2492.71	0.37	ppb
Beryllium	9-1	496.18	496.52	505.22	499.31	1.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	475.90	479.27	487.43	480.87	1.23	ppb
Boron	11-1	491.18	496.63	507.08	498.30	1.62	ppb
Cadmium	111-1	475.43	471.54	464.43	470.47	1.19	ppb
Cadmium	106-1	474.88	466.77	457.79	466.48	1.83	ppb
Cadmium	108-1	482.03	459.98	464.24	468.75	2.50	ppb
Calcium	43-1	47075.15	46483.28	46374.92	46644.45	0.81	ppb
Calcium	44-1	46674.73	46694.00	46789.95	46719.56	0.13	ppb
Chromium	52-2	540.56	541.20	545.24	542.33	0.47	ppb
Cobalt	59-2	561.33	572.45	565.91	566.56	0.99	ppb
Copper	63-2	1070.75	1082.85	1087.51	1080.37	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	24675.95	24607.39	24452.75	24578.70	0.47	ppb
Iron	57-2	25226.71	25465.45	25415.50	25369.22	0.50	ppb
Krypton	83-1						cps
Lead	206-1	495.41	500.31	495.83	497.18	0.55	ppb
Lead	207-1	502.53	506.23	502.51	503.75	0.42	ppb
Lead	208-1	500.13	503.58	502.54	502.08	0.35	ppb
Lithium	6-1				87		%
Magnesium	24-2	49003.91	48773.31	48887.40	48888.21	0.24	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1056.66	1065.68	1073.10	1065.15	0.77	ppb
Molybdenum	94-1	2519.70	2524.86	2538.29	2527.62	0.38	ppb
Molybdenum	95-1	2536.27	2533.39	2533.88	2534.51	0.06	ppb
Molybdenum	96-1	2542.99	2537.73	2572.30	2551.01	0.73	ppb
Molybdenum	97-1	2552.08	2564.21	2593.23	2569.84	0.82	ppb
Molybdenum	98-1	2551.79	2551.26	2570.73	2557.93	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.76	554.69	554.75	552.74	0.62	ppb
Phosphorus	31-2	9731.26	9711.24	9886.92	9776.47	0.98	ppb
Potassium	39-2	22861.52	22973.10	22861.46	22898.69	0.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	474.47	487.33	477.44	479.75	1.40	ppb
Selenium	78-2	503.32	489.99	513.29	502.20	2.33	ppb
Selenium	82-1	498.71	507.35	503.32	503.13	0.86	ppb
Silicon	28-1	404.22	410.28	413.30	409.27	1.13	ppb
Silver	109-1	473.40	472.69	473.81	473.30	0.12	ppb
Silver	107-1	472.72	473.54	478.36	474.87	0.64	ppb
Sodium	23-2	48922.17	48806.89	49004.68	48911.25	0.20	ppb
Strontium	86-1	507.75	506.40	510.96	508.37	0.46	ppb
Strontium	88-1	502.82	508.31	509.16	506.76	0.68	ppb
Sulfur	34-1	9658.76	9125.60	8977.16	9253.84	3.87	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	493.84	498.26	493.73	495.28	0.52	ppb
Thallium	205-1	497.97	508.23	500.68	502.29	1.06	ppb
Thorium	232-1	500.71	505.34	498.16	501.41	0.73	ppb
Tin	118-1	495.72	491.29	493.02	493.34	0.45	ppb
Titanium	47-1	2512.15	2500.41	2483.37	2498.64	0.58	ppb
Uranium	238-1	490.92	500.00	490.44	493.79	1.09	ppb
Vanadium	51-2	536.22	539.37	534.15	536.58	0.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1011.59	1024.65	1014.67	1016.97	0.67	ppb
Zirconium	90-1	500.32	500.19	507.90	502.80	0.88	ppb
Zirconium	91-1	504.51	502.14	506.88	504.51	0.47	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : PB121114BL Instrumnet Name : P7
 Client Sample ID : PB121114BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 17:57:37 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.39	-1.09	-0.80	-1.09		ppb
Antimony	121-1	0.27	0.34	0.24	0.28	17.36	ppb
Arsenic	75-2	0.04	0.06	0.06	0.05	16.88	ppb
Barium	135-1	0.11	0.01	0.04	0.05	93.08	ppb
Barium	137-1	0.12	0.07	0.03	0.07	58.17	ppb
Beryllium	9-1	0.07	0.05	0.04	0.05	32.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	26.67	26.60	25.11	26.13	3.37	ppb
Boron	11-1	28.94	26.95	26.31	27.40	5.00	ppb
Cadmium	111-1	-0.03	-0.05	0.00	-0.03		ppb
Cadmium	106-1	-1.06	-0.95	-0.88	-0.96		ppb
Cadmium	108-1	-0.03	0.05	0.20	0.07	154.65	ppb
Calcium	43-1	-1.70	-3.94	-3.30	-2.98		ppb
Calcium	44-1	-0.69	-0.74	-0.01	-0.48		ppb
Chromium	52-2	0.19	0.23	0.26	0.23	13.88	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	114.95	ppb
Copper	63-2	0.07	0.06	0.02	0.05	48.56	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				102		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	0.48	0.71	0.59	0.59	19.72	ppb
Iron	57-2	1.09	-2.44	-0.49	-0.61		ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.19	0.20	0.21	18.04	ppb
Lead	207-1	0.22	0.27	0.19	0.23	17.16	ppb
Lead	208-1	0.25	0.23	0.21	0.23	9.22	ppb
Lithium	6-1				85		%
Magnesium	24-2	0.65	1.01	1.32	0.99	33.36	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BL	Instrumnet Name :	P7
Client Sample ID :	PB121114BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:57:37	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.09	0.00	0.04	100.17	ppb
Molybdenum	94-1	0.41	0.37	0.21	0.33	31.28	ppb
Molybdenum	95-1	0.49	0.34	0.35	0.39	22.27	ppb
Molybdenum	96-1	0.55	0.41	0.35	0.44	23.71	ppb
Molybdenum	97-1	0.61	0.45	0.42	0.49	21.44	ppb
Molybdenum	98-1	0.42	0.36	0.36	0.38	9.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.03	0.02	73.87	ppb
Phosphorus	31-2	-42.92	-59.12	-59.39	-53.81		ppb
Potassium	39-2	0.42	-1.79	9.56	2.73	220.16	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.86	0.75	-0.28	0.44	142.72	ppb
Selenium	82-1	0.23	-0.03	-0.57	-0.12		ppb
Silicon	28-1	-0.50	-1.62	-1.55	-1.22		ppb
Silver	109-1	0.07	0.05	0.03	0.05	41.28	ppb
Silver	107-1	0.05	0.03	0.04	0.04	28.16	ppb
Sodium	23-2	19.35	17.83	17.78	18.32	4.86	ppb
Strontium	86-1	0.02	0.02	-0.02	0.01	275.98	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2808.10	-2764.52	-2607.42	-2726.68		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.08	0.10	0.09	12.29	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	23.85	ppb
Thorium	232-1	0.08	0.06	0.05	0.06	15.66	ppb
Tin	118-1	0.02	0.04	0.05	0.04	44.77	ppb
Titanium	47-1	0.00	0.04	0.07	0.03	105.97	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.29	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BL	Instrumnet Name :	P7
Client Sample ID :	PB121114BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:57:37	DataFile Name :	069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.33	-0.14	-0.33	-0.27		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	9.61	ppb
Zirconium	91-1	0.03	0.05	0.00	0.03	107.02	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9095.69	9109.64	9065.12	9090.15	0.25	ppb
Antimony	121-1	503.64	501.68	500.21	501.84	0.34	ppb
Arsenic	75-2	518.43	514.65	513.32	515.47	0.51	ppb
Barium	135-1	2510.43	2512.55	2502.85	2508.61	0.20	ppb
Barium	137-1	2517.91	2539.54	2509.53	2522.33	0.61	ppb
Beryllium	9-1	501.16	497.30	506.95	501.80	0.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	481.71	485.55	502.22	489.83	2.23	ppb
Boron	11-1	497.66	504.34	509.06	503.69	1.14	ppb
Cadmium	111-1	484.13	473.71	475.82	477.88	1.15	ppb
Cadmium	106-1	476.63	469.74	466.00	470.79	1.15	ppb
Cadmium	108-1	493.13	465.18	479.03	479.12	2.92	ppb
Calcium	43-1	46968.46	46904.82	46988.24	46953.84	0.09	ppb
Calcium	44-1	47021.57	46999.10	46848.17	46956.28	0.20	ppb
Chromium	52-2	538.99	539.33	538.22	538.84	0.11	ppb
Cobalt	59-2	566.72	565.61	563.70	565.34	0.27	ppb
Copper	63-2	1077.52	1077.17	1075.73	1076.81	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	24662.13	24433.19	24268.34	24454.56	0.81	ppb
Iron	57-2	25473.96	25364.56	25283.34	25373.95	0.38	ppb
Krypton	83-1						cps
Lead	206-1	502.48	502.52	500.85	501.95	0.19	ppb
Lead	207-1	504.46	509.60	507.87	507.31	0.52	ppb
Lead	208-1	503.67	507.93	504.85	505.49	0.44	ppb
Lithium	6-1				88		%
Magnesium	24-2	49438.49	49029.67	49046.68	49171.61	0.47	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1067.96	1060.81	1068.94	1065.91	0.42	ppb
Molybdenum	94-1	2533.80	2567.03	2550.89	2550.57	0.65	ppb
Molybdenum	95-1	2559.63	2557.09	2548.73	2555.15	0.22	ppb
Molybdenum	96-1	2559.50	2555.44	2554.57	2556.51	0.10	ppb
Molybdenum	97-1	2581.22	2560.82	2566.47	2569.50	0.41	ppb
Molybdenum	98-1	2553.17	2565.31	2559.10	2559.20	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.01	548.11	550.91	550.01	0.30	ppb
Phosphorus	31-2	9763.13	9810.89	9925.24	9833.09	0.85	ppb
Potassium	39-2	23132.53	22741.65	22893.70	22922.63	0.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	488.34	511.51	499.13	499.66	2.32	ppb
Selenium	78-2	501.41	503.43	492.35	499.06	1.18	ppb
Selenium	82-1	515.07	508.77	501.99	508.61	1.29	ppb
Silicon	28-1	378.96	384.42	392.27	385.22	1.74	ppb
Silver	109-1	481.13	482.26	479.03	480.81	0.34	ppb
Silver	107-1	481.14	480.78	489.39	483.77	1.01	ppb
Sodium	23-2	49184.91	48769.78	48326.78	48760.49	0.88	ppb
Strontium	86-1	511.66	507.30	510.76	509.91	0.45	ppb
Strontium	88-1	509.47	509.21	513.41	510.69	0.46	ppb
Sulfur	34-1	9340.86	9100.22	9172.29	9204.46	1.34	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	494.61	496.96	499.29	496.95	0.47	ppb
Thallium	205-1	504.64	507.21	510.25	507.37	0.55	ppb
Thorium	232-1	500.84	500.91	504.20	501.98	0.38	ppb
Tin	118-1	503.40	503.00	501.68	502.69	0.18	ppb
Titanium	47-1	2497.16	2493.56	2492.96	2494.56	0.09	ppb
Uranium	238-1	496.09	497.33	500.57	498.00	0.46	ppb
Vanadium	51-2	533.40	535.29	532.34	533.68	0.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1025.12	1013.80	1030.90	1023.27	0.85	ppb
Zirconium	90-1	507.57	506.79	503.66	506.00	0.41	ppb
Zirconium	91-1	508.22	504.74	501.54	504.83	0.66	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	3.80	2.66	3.02	22.44	ppb
Antimony	121-1	0.23	0.20	0.26	0.23	12.94	ppb
Arsenic	75-2	0.02	0.06	-0.01	0.03	131.33	ppb
Barium	135-1	0.18	0.15	0.20	0.18	13.59	ppb
Barium	137-1	0.19	0.17	0.25	0.20	21.68	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	18.40	ppb
Bismuth	209-1				118		%
Bismuth	209-2				103		%
Boron	10-1	22.97	21.23	21.17	21.79	4.67	ppb
Boron	11-1	24.40	21.20	22.20	22.60	7.25	ppb
Cadmium	111-1	0.03	-0.19	-0.06	-0.07		ppb
Cadmium	106-1	-0.96	-3.00	-1.64	-1.87		ppb
Cadmium	108-1	-0.04	0.03	-0.03	-0.01		ppb
Calcium	43-1	5.57	6.96	5.38	5.97	14.49	ppb
Calcium	44-1	2.74	0.97	-0.88	0.95	191.03	ppb
Chromium	52-2	0.09	0.07	0.10	0.08	17.36	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	57.18	ppb
Copper	63-2	0.10	0.09	0.08	0.09	11.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				107		%
Indium	115-1				120		%
Indium	115-2				106		%
Iron	56-2	1.81	2.00	1.70	1.83	8.15	ppb
Iron	57-2	-0.46	1.15	1.26	0.65	147.87	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.42	0.47	0.46	8.05	ppb
Lead	207-1	0.55	0.46	0.46	0.49	10.61	ppb
Lead	208-1	0.52	0.44	0.42	0.46	11.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.57	2.39	2.37	2.45	4.49	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.10	0.07	0.08	19.64	ppb
Molybdenum	94-1	0.44	0.43	0.36	0.41	10.25	ppb
Molybdenum	95-1	0.51	0.50	0.48	0.50	3.18	ppb
Molybdenum	96-1	0.61	0.47	0.48	0.52	14.32	ppb
Molybdenum	97-1	0.71	0.44	0.41	0.52	31.22	ppb
Molybdenum	98-1	0.53	0.47	0.42	0.48	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.06	0.05	33.03	ppb
Phosphorus	31-2	-43.94	-66.15	-50.95	-53.68		ppb
Potassium	39-2	-9.49	-5.25	-5.15	-6.63		ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	0.56	0.56	-0.30	0.27	180.72	ppb
Selenium	78-2	0.77	-1.56	-0.68	-0.49		ppb
Selenium	82-1	-1.03	-0.08	-0.56	-0.55		ppb
Silicon	28-1	-3.97	-4.97	-4.76	-4.57		ppb
Silver	109-1	0.08	0.05	0.07	0.07	22.63	ppb
Silver	107-1	0.07	0.04	0.05	0.05	21.29	ppb
Sodium	23-2	19.21	21.07	22.13	20.81	7.12	ppb
Strontium	86-1	0.06	0.07	0.03	0.05	36.45	ppb
Strontium	88-1	0.04	0.05	0.03	0.04	23.23	ppb
Sulfur	34-1	-4003.15	-4201.66	-4006.60	-4070.47		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.09	0.11	0.10	12.99	ppb
Thallium	205-1	0.11	0.08	0.08	0.09	16.94	ppb
Thorium	232-1	0.09	0.06	0.05	0.07	31.65	ppb
Tin	118-1	0.12	0.05	0.09	0.09	35.51	ppb
Titanium	47-1	0.17	0.22	0.20	0.20	14.82	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	12.22	ppb
Vanadium	51-2	0.01	0.03	0.03	0.02	58.83	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.42	9.38	9.43	9.74	6.03	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	5.77	ppb
Zirconium	91-1	0.10	0.04	0.05	0.07	50.72	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSD Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSD Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 18:08:26 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9341.69	9316.92	9417.17	9358.59	0.56	ppb
Antimony	121-1	545.13	531.25	527.86	534.75	1.71	ppb
Arsenic	75-2	555.53	547.95	556.40	553.29	0.84	ppb
Barium	135-1	2842.60	2753.03	2738.27	2777.97	2.03	ppb
Barium	137-1	2854.24	2775.07	2771.22	2800.18	1.67	ppb
Beryllium	9-1	552.57	555.12	552.76	553.48	0.26	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	1063.10	1071.25	1082.41	1072.25	0.90	ppb
Boron	11-1	1105.72	1131.92	1142.41	1126.68	1.68	ppb
Cadmium	111-1	503.78	485.24	485.72	491.58	2.15	ppb
Cadmium	106-1	492.38	456.40	470.96	473.25	3.82	ppb
Cadmium	108-1	507.48	484.42	471.21	487.70	3.76	ppb
Calcium	43-1	106698.31	103091.21	104563.32	104784.28	1.73	ppb
Calcium	44-1	109163.31	106021.75	106423.20	107202.75	1.59	ppb
Chromium	52-2	2302.03	2320.14	2282.78	2301.65	0.81	ppb
Cobalt	59-2	592.36	595.52	592.74	593.54	0.29	ppb
Copper	63-2	1148.84	1155.62	1165.36	1156.61	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	56-2	25466.35	25438.95	25376.47	25427.26	0.18	ppb
Iron	57-2	26452.45	26572.00	26546.19	26523.55	0.24	ppb
Krypton	83-1						cps
Lead	206-1	558.26	544.40	548.26	550.31	1.30	ppb
Lead	207-1	570.49	549.38	554.07	557.98	1.99	ppb
Lead	208-1	564.93	550.34	554.90	556.73	1.34	ppb
Lithium	6-1				69		%
Magnesium	24-2	63039.72	62927.44	62429.04	62798.73	0.52	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:08:26	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2305.49	2311.91	2302.85	2306.75	0.20	ppb
Molybdenum	94-1	2425.46	2374.11	2408.23	2402.60	1.09	ppb
Molybdenum	95-1	2356.14	2301.37	2321.89	2326.47	1.19	ppb
Molybdenum	96-1	2371.19	2328.76	2345.01	2348.32	0.91	ppb
Molybdenum	97-1	2360.27	2307.99	2334.47	2334.25	1.12	ppb
Molybdenum	98-1	2374.17	2311.88	2338.57	2341.54	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	597.72	599.85	596.51	598.03	0.28	ppb
Phosphorus	31-2	0.30	-6.33	2.78	-1.09		ppb
Potassium	39-2	26064.55	26152.11	25840.41	26019.02	0.62	ppb
Rhodium	103-1				83		%
Rhodium	103-2				89		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	77-2	540.65	493.60	489.14	507.79	5.62	ppb
Selenium	78-2	517.08	512.30	493.29	507.56	2.48	ppb
Selenium	82-1	535.08	530.96	533.65	533.23	0.39	ppb
Silicon	28-1	3755.76	3698.82	3705.14	3719.91	0.84	ppb
Silver	109-1	500.88	479.85	477.09	485.94	2.68	ppb
Silver	107-1	496.42	484.85	477.91	486.39	1.92	ppb
Sodium	23-2	187051.81	185584.57	186283.59	186306.66	0.39	ppb
Strontium	86-1	698.78	684.37	693.90	692.35	1.06	ppb
Strontium	88-1	698.90	682.15	687.41	689.49	1.24	ppb
Sulfur	34-1	28635.90	28079.68	28315.48	28343.69	0.98	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	535.32	523.50	529.39	529.40	1.12	ppb
Thallium	205-1	551.34	537.09	541.82	543.42	1.33	ppb
Thorium	232-1	0.17	0.16	0.12	0.15	15.46	ppb
Tin	118-1	533.40	523.55	517.59	524.85	1.52	ppb
Titanium	47-1	2279.96	2228.43	2222.40	2243.60	1.41	ppb
Uranium	238-1	550.39	538.20	545.26	544.62	1.12	ppb
Vanadium	51-2	552.32	558.76	556.84	555.97	0.59	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:08:26	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1036.55	1044.24	1055.50	1045.43	0.91	ppb
Zirconium	90-1	524.66	515.50	519.77	519.98	0.88	ppb
Zirconium	91-1	528.34	511.61	520.59	520.18	1.61	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9592.31	9331.98	9458.89	9461.06	1.38	ppb
Antimony	121-1	514.01	519.00	511.17	514.73	0.77	ppb
Arsenic	75-2	546.99	554.66	552.34	551.33	0.71	ppb
Barium	135-1	2679.27	2732.44	2709.27	2706.99	0.98	ppb
Barium	137-1	2691.59	2725.57	2675.97	2697.71	0.94	ppb
Beryllium	9-1	554.14	561.39	553.45	556.32	0.79	ppb
Bismuth	209-1				95		%
Bismuth	209-2				84		%
Boron	10-1	1111.88	1135.21	1124.76	1123.95	1.04	ppb
Boron	11-1	1153.05	1176.29	1191.52	1173.62	1.65	ppb
Cadmium	111-1	472.30	483.65	471.36	475.77	1.44	ppb
Cadmium	106-1	455.80	457.70	450.53	454.68	0.82	ppb
Cadmium	108-1	464.80	469.26	458.09	464.05	1.21	ppb
Calcium	43-1	102482.55	103212.63	104105.91	103267.03	0.79	ppb
Calcium	44-1	103927.24	104767.24	106024.70	104906.40	1.01	ppb
Chromium	52-2	2371.81	2347.89	2339.59	2353.10	0.71	ppb
Cobalt	59-2	606.34	600.94	607.78	605.02	0.60	ppb
Copper	63-2	1175.87	1174.45	1185.50	1178.61	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				102		%
Holmium	165-2				91		%
Indium	115-1				96		%
Indium	115-2				83		%
Iron	56-2	26162.33	25737.44	25781.54	25893.77	0.90	ppb
Iron	57-2	26895.66	26826.92	26959.56	26894.05	0.25	ppb
Krypton	83-1						cps
Lead	206-1	543.15	548.26	542.56	544.66	0.58	ppb
Lead	207-1	546.94	556.03	547.85	550.27	0.91	ppb
Lead	208-1	547.04	553.81	550.93	550.59	0.62	ppb
Lithium	6-1				65		%
Magnesium	24-2	63682.56	62770.51	63079.14	63177.40	0.73	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2345.61	2333.12	2338.32	2339.02	0.27	ppb
Molybdenum	94-1	2351.32	2347.88	2335.43	2344.88	0.36	ppb
Molybdenum	95-1	2261.25	2255.91	2265.49	2260.88	0.21	ppb
Molybdenum	96-1	2249.55	2279.68	2288.09	2272.44	0.89	ppb
Molybdenum	97-1	2272.38	2283.06	2295.18	2283.54	0.50	ppb
Molybdenum	98-1	2276.28	2280.05	2283.22	2279.85	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	609.19	604.42	609.71	607.77	0.48	ppb
Phosphorus	31-2	-3.34	11.16	-18.66	-3.61		ppb
Potassium	39-2	26397.15	25990.92	26139.78	26175.95	0.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				83		%
Scandium	45-2				80		%
Selenium	77-2	493.31	483.44	465.67	480.80	2.91	ppb
Selenium	78-2	510.26	513.08	515.88	513.07	0.55	ppb
Selenium	82-1	522.14	518.85	517.04	519.34	0.50	ppb
Silicon	28-1	3570.34	3626.49	3613.73	3603.52	0.82	ppb
Silver	109-1	469.31	473.80	467.79	470.30	0.66	ppb
Silver	107-1	465.07	474.58	459.54	466.40	1.63	ppb
Sodium	23-2	189408.81	186462.59	186861.98	187577.79	0.85	ppb
Strontium	86-1	673.14	674.90	669.23	672.42	0.43	ppb
Strontium	88-1	670.73	679.37	670.43	673.51	0.75	ppb
Sulfur	34-1	27097.53	27525.68	27206.91	27276.71	0.82	ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	519.18	527.58	527.62	524.79	0.93	ppb
Thallium	205-1	535.04	540.94	534.80	536.92	0.65	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	19.17	ppb
Tin	118-1	507.05	512.26	509.15	509.49	0.52	ppb
Titanium	47-1	2199.11	2201.97	2228.02	2209.70	0.72	ppb
Uranium	238-1	541.33	541.38	542.61	541.77	0.13	ppb
Vanadium	51-2	566.11	567.49	563.56	565.72	0.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1058.06	1048.52	1061.56	1056.05	0.64	ppb
Zirconium	90-1	506.00	507.66	506.19	506.62	0.18	ppb
Zirconium	91-1	509.41	509.45	507.15	508.67	0.26	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	267.55	256.09	274.66	266.10	3.52	ppb
Antimony	121-1	1.48	1.59	1.45	1.50	4.85	ppb
Arsenic	75-2	0.50	0.72	0.67	0.63	18.37	ppb
Barium	135-1	103.34	102.46	102.97	102.92	0.43	ppb
Barium	137-1	103.66	101.68	101.50	102.28	1.17	ppb
Beryllium	9-1	0.22	0.20	0.27	0.23	15.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				84		%
Boron	10-1	231.19	240.54	236.85	236.19	2.00	ppb
Boron	11-1	251.54	247.40	248.50	249.14	0.86	ppb
Cadmium	111-1	11.86	11.62	11.39	11.62	2.03	ppb
Cadmium	106-1	7.43	6.36	2.93	5.58	42.14	ppb
Cadmium	108-1	9.39	8.96	10.65	9.67	9.05	ppb
Calcium	43-1	62980.02	61976.50	61947.07	62301.20	0.94	ppb
Calcium	44-1	63030.67	63504.24	63414.77	63316.56	0.40	ppb
Chromium	52-2	42575.27	42232.33	41907.86	42238.49	0.79	ppb
Cobalt	59-2	30.51	31.00	30.73	30.75	0.81	ppb
Copper	63-2	318.63	322.15	318.37	319.71	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				100		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				80		%
Iron	56-2	9.72	9.32	9.45	9.50	2.15	ppb
Iron	57-2	250.05	267.61	268.28	261.98	3.94	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.00	0.87	0.94	6.73	ppb
Lead	207-1	1.01	0.89	0.84	0.91	9.42	ppb
Lead	208-1	0.95	0.90	0.85	0.90	5.91	ppb
Lithium	6-1				61		%
Magnesium	24-2	12647.53	12534.71	12519.96	12567.40	0.56	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8452.87	8351.73	8288.18	8364.26	0.99	ppb
Molybdenum	94-1	1.22	1.15	0.97	1.12	11.88	ppb
Molybdenum	95-1	1.25	1.32	1.36	1.31	4.51	ppb
Molybdenum	96-1	1.32	1.21	1.14	1.22	7.47	ppb
Molybdenum	97-1	1.31	1.28	1.11	1.23	8.51	ppb
Molybdenum	98-1	1.31	1.17	1.23	1.24	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.68	96.02	97.11	96.61	0.57	ppb
Phosphorus	31-2	-35.79	-26.98	-40.02	-34.26		ppb
Potassium	39-2	3540.02	3561.97	3544.50	3548.83	0.33	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				79		%
Scandium	45-2				74		%
Selenium	77-2	3.07	8.49	4.09	5.22	55.13	ppb
Selenium	78-2	2.43	1.36	1.36	1.72	35.85	ppb
Selenium	82-1	6.38	7.53	6.66	6.85	8.72	ppb
Silicon	28-1	9350.99	9238.58	9297.43	9295.67	0.60	ppb
Silver	109-1	0.21	0.20	0.21	0.20	1.78	ppb
Silver	107-1	0.26	0.19	0.20	0.22	16.19	ppb
Sodium	23-2	144171.37	143563.23	142104.35	143279.65	0.74	ppb
Strontium	86-1	168.68	165.23	170.57	168.16	1.61	ppb
Strontium	88-1	165.89	165.08	164.70	165.22	0.37	ppb
Sulfur	34-1	14653.77	14370.00	14030.47	14351.41	2.17	ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.16	0.19	0.14	0.16	14.39	ppb
Thallium	205-1	0.21	0.14	0.17	0.17	20.23	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	41.95	ppb
Tin	118-1	2.03	1.95	1.80	1.93	6.15	ppb
Titanium	47-1	0.95	0.93	0.94	0.94	1.36	ppb
Uranium	238-1	0.10	0.09	0.08	0.09	11.08	ppb
Vanadium	51-2	0.36	0.35	0.39	0.37	4.81	ppb
Yttrium	89-1				88		%
Yttrium	89-2				80		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	64.33	65.83	64.69	64.95	1.20	ppb
Zirconium	90-1	0.12	0.12	0.12	0.12	2.73	ppb
Zirconium	91-1	0.10	0.06	0.12	0.09	33.55	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.01	30.75	34.25	30.34	13.64	ppb
Antimony	121-1	0.98	1.08	0.96	1.01	6.22	ppb
Arsenic	75-2	4.07	4.85	4.47	4.47	8.72	ppb
Barium	135-1	27.43	27.68	29.23	28.11	3.46	ppb
Barium	137-1	29.87	28.52	28.59	28.99	2.62	ppb
Beryllium	9-1	0.04	0.07	0.07	0.06	24.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				84		%
Boron	10-1	405.95	409.34	432.22	415.84	3.44	ppb
Boron	11-1	431.54	443.82	452.50	442.62	2.38	ppb
Cadmium	111-1	0.03	-0.13	-0.07	-0.06		ppb
Cadmium	106-1	-1.96	-4.17	-2.29	-2.81		ppb
Cadmium	108-1	-0.02	-0.02	0.13	0.03	332.22	ppb
Calcium	43-1	65739.54	64574.48	64764.34	65026.12	0.96	ppb
Calcium	44-1	66261.95	65544.82	66675.20	66160.66	0.86	ppb
Chromium	52-2	3.80	3.55	3.04	3.46	11.17	ppb
Cobalt	59-2	0.19	0.21	0.22	0.21	7.52	ppb
Copper	63-2	3.31	3.08	3.13	3.17	3.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	638.18	639.27	640.88	639.45	0.21	ppb
Iron	57-2	943.45	964.41	945.76	951.21	1.21	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.96	1.00	0.99	2.39	ppb
Lead	207-1	0.94	0.90	0.92	0.92	2.08	ppb
Lead	208-1	0.91	0.90	0.93	0.92	1.74	ppb
Lithium	6-1				62		%
Magnesium	24-2	30906.73	30943.42	30262.28	30704.14	1.25	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.33	94.77	93.54	94.21	0.66	ppb
Molybdenum	94-1	0.39	0.52	0.38	0.43	17.57	ppb
Molybdenum	95-1	0.52	0.52	0.50	0.51	2.39	ppb
Molybdenum	96-1	0.57	0.49	0.53	0.53	8.14	ppb
Molybdenum	97-1	0.53	0.56	0.47	0.52	8.95	ppb
Molybdenum	98-1	0.52	0.52	0.49	0.51	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.14	1.29	1.15	11.30	ppb
Phosphorus	31-2	-33.56	-15.23	-15.42	-21.40		ppb
Potassium	39-2	857.45	851.09	832.94	847.16	1.50	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				80		%
Scandium	45-2				75		%
Selenium	77-2	4.15	0.80	0.79	1.91	101.35	ppb
Selenium	78-2	1.23	0.05	0.01	0.43	160.84	ppb
Selenium	82-1	0.81	0.37	0.31	0.50	54.48	ppb
Silicon	28-1	5019.85	5029.50	5059.23	5036.19	0.41	ppb
Silver	109-1	0.16	0.13	0.17	0.15	12.44	ppb
Silver	107-1	0.14	0.14	0.12	0.13	7.72	ppb
Sodium	23-2	17303.68	17498.09	17150.62	17317.46	1.01	ppb
Strontium	86-1	1440.78	1404.66	1408.86	1418.10	1.39	ppb
Strontium	88-1	1468.46	1467.24	1474.02	1469.91	0.25	ppb
Sulfur	34-1	23320.20	23490.10	23782.59	23530.96	0.99	ppb
Terbium	159-1				99		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.02	0.03	0.03	30.53	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	11.46	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	5.24	ppb
Tin	118-1	1.42	1.65	1.44	1.50	8.59	ppb
Titanium	47-1	0.85	0.87	0.74	0.82	8.39	ppb
Uranium	238-1	0.63	0.67	0.67	0.66	3.03	ppb
Vanadium	51-2	0.98	1.05	1.06	1.03	4.52	ppb
Yttrium	89-1				89		%
Yttrium	89-2				80		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.72	11.73	9.85	10.77	8.73	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	17.80	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	13.71	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-11	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0882	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:22:53	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.64	9.93	8.37	8.31	19.76	ppb
Antimony	121-1	0.57	0.63	0.67	0.62	8.33	ppb
Arsenic	75-2	2.91	3.25	3.35	3.17	7.26	ppb
Barium	135-1	381.61	385.63	382.25	383.16	0.56	ppb
Barium	137-1	380.70	384.10	379.83	381.54	0.59	ppb
Beryllium	9-1	0.03	0.04	0.10	0.05	68.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				83		%
Boron	10-1	321.81	324.50	327.68	324.66	0.90	ppb
Boron	11-1	333.92	330.62	342.76	335.77	1.87	ppb
Cadmium	111-1	-0.10	-0.20	-0.10	-0.13		ppb
Cadmium	106-1	-2.28	-3.21	-2.06	-2.52		ppb
Cadmium	108-1	0.13	0.05	0.05	0.08	58.32	ppb
Calcium	43-1	128600.22	126536.68	126322.57	127153.16	0.99	ppb
Calcium	44-1	131500.71	131525.25	132292.88	131772.95	0.34	ppb
Chromium	52-2	1.99	1.84	3.02	2.28	28.18	ppb
Cobalt	59-2	0.55	0.50	0.51	0.52	4.62	ppb
Copper	63-2	1.88	1.98	2.19	2.02	7.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				88		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	26809.26	26933.82	28501.66	27414.91	3.44	ppb
Iron	57-2	27346.76	27847.16	29347.87	28180.60	3.70	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.68	0.62	0.66	6.27	ppb
Lead	207-1	0.68	0.55	0.59	0.61	11.60	ppb
Lead	208-1	0.69	0.64	0.58	0.64	8.79	ppb
Lithium	6-1				61		%
Magnesium	24-2	14989.36	15009.56	16205.48	15401.47	4.52	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-11	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0882	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:22:53	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	627.12	634.83	681.04	647.66	4.50	ppb
Molybdenum	94-1	0.79	0.82	0.86	0.82	4.54	ppb
Molybdenum	95-1	0.14	0.14	0.16	0.15	7.47	ppb
Molybdenum	96-1	0.37	0.43	0.32	0.37	15.12	ppb
Molybdenum	97-1	0.23	0.18	0.15	0.19	19.26	ppb
Molybdenum	98-1	0.18	0.22	0.20	0.20	11.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.56	2.44	2.44	2.48	2.69	ppb
Phosphorus	31-2	27.03	10.94	0.44	12.80	104.62	ppb
Potassium	39-2	6498.15	6543.54	7039.56	6693.75	4.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				73		%
Selenium	77-2	-0.30	-0.30	0.88	0.09	717.24	ppb
Selenium	78-2	0.44	0.64	-1.11	-0.01		ppb
Selenium	82-1	-0.68	0.17	-0.10	-0.20		ppb
Silicon	28-1	5998.12	5948.36	5955.18	5967.22	0.45	ppb
Silver	109-1	0.09	0.09	0.09	0.09	4.06	ppb
Silver	107-1	0.09	0.10	0.10	0.10	8.36	ppb
Sodium	23-2	8353.09	8369.70	8916.34	8546.38	3.75	ppb
Strontium	86-1	1052.04	1023.61	1020.64	1032.10	1.68	ppb
Strontium	88-1	1069.28	1060.67	1066.02	1065.32	0.41	ppb
Sulfur	34-1	-2292.65	-2438.61	-2596.73	-2442.66		ppb
Terbium	159-1				100		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.00	-0.01	0.00	1096.47	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	42.02	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	411.96	ppb
Tin	118-1	1.28	1.45	1.46	1.39	7.17	ppb
Titanium	47-1	0.87	0.87	0.77	0.84	6.76	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.73	0.74	0.80	0.76	5.07	ppb
Yttrium	89-1				88		%
Yttrium	89-2				78		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-11	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0882	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:22:53	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.45	11.21	11.31	10.99	4.29	ppb
Zirconium	90-1	0.50	0.45	0.41	0.45	10.31	ppb
Zirconium	91-1	0.48	0.50	0.44	0.47	5.90	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49582.53	50054.58	50353.37	49996.83	0.78	ppb
Antimony	121-1	457.48	460.27	465.73	461.16	0.91	ppb
Arsenic	75-2	487.87	497.20	502.02	495.70	1.45	ppb
Barium	135-1	2410.60	2343.12	2384.61	2379.44	1.43	ppb
Barium	137-1	2426.46	2421.57	2458.82	2435.62	0.83	ppb
Beryllium	9-1	483.30	487.52	492.42	487.75	0.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	10-1	478.05	485.38	491.45	484.96	1.38	ppb
Boron	11-1	482.80	498.28	512.13	497.74	2.95	ppb
Cadmium	111-1	479.56	477.49	489.04	482.03	1.28	ppb
Cadmium	106-1	479.00	461.03	478.21	472.75	2.15	ppb
Cadmium	108-1	468.31	466.94	469.36	468.20	0.26	ppb
Calcium	43-1	229361.71	229643.67	230618.10	229874.50	0.29	ppb
Calcium	44-1	229329.09	230388.86	232687.11	230801.69	0.74	ppb
Chromium	52-2	538.53	546.51	546.09	543.71	0.83	ppb
Cobalt	59-2	552.03	559.16	559.45	556.88	0.75	ppb
Copper	63-2	1019.39	1038.65	1047.69	1035.24	1.40	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				105		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	125938.74	126050.42	126220.91	126070.03	0.11	ppb
Iron	57-2	124842.23	125639.30	126256.90	125579.48	0.56	ppb
Krypton	83-1						cps
Lead	206-1	489.73	498.41	496.51	494.89	0.92	ppb
Lead	207-1	496.42	507.06	501.68	501.72	1.06	ppb
Lead	208-1	502.90	511.19	507.18	507.09	0.82	ppb
Lithium	6-1				79		%
Magnesium	24-2	242933.71	244656.89	246737.81	244776.13	0.78	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1044.32	1064.43	1061.34	1056.70	1.02	ppb
Molybdenum	94-1	2532.67	2528.55	2559.63	2540.29	0.66	ppb
Molybdenum	95-1	2550.53	2519.15	2561.22	2543.64	0.86	ppb
Molybdenum	96-1	2537.52	2529.49	2555.82	2540.94	0.53	ppb
Molybdenum	97-1	2549.17	2543.40	2551.13	2547.90	0.16	ppb
Molybdenum	98-1	2580.54	2528.68	2554.29	2554.50	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.97	537.79	539.00	536.25	0.70	ppb
Phosphorus	31-2	9526.51	9428.23	9611.45	9522.06	0.96	ppb
Potassium	39-2	117657.18	118308.24	118780.95	118248.79	0.48	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	414.93	477.83	426.05	439.61	7.64	ppb
Selenium	78-2	449.56	466.98	485.35	467.30	3.83	ppb
Selenium	82-1	457.17	450.52	457.80	455.16	0.89	ppb
Silicon	28-1	421.02	440.99	454.24	438.75	3.81	ppb
Silver	109-1	508.02	507.01	498.04	504.36	1.09	ppb
Silver	107-1	504.21	511.45	515.29	510.32	1.10	ppb
Sodium	23-2	246170.81	247228.28	248086.96	247162.02	0.39	ppb
Strontium	86-1	496.26	495.28	504.16	498.57	0.98	ppb
Strontium	88-1	504.32	503.97	507.09	505.13	0.34	ppb
Sulfur	34-1	8263.51	8037.14	8147.44	8149.36	1.39	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	492.74	496.76	495.91	495.14	0.43	ppb
Thallium	205-1	514.75	520.20	519.68	518.21	0.58	ppb
Thorium	232-1	536.31	537.50	537.92	537.24	0.16	ppb
Tin	118-1	461.47	469.37	471.47	467.44	1.13	ppb
Titanium	47-1	2425.53	2393.53	2420.27	2413.11	0.71	ppb
Uranium	238-1	527.83	533.51	530.88	530.74	0.54	ppb
Vanadium	51-2	532.09	541.63	545.68	539.80	1.29	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	941.28	958.58	974.21	958.02	1.72	ppb
Zirconium	90-1	502.86	508.16	511.29	507.43	0.84	ppb
Zirconium	91-1	498.78	499.19	508.17	502.05	1.06	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	0.16	1.34	1.03	74.19	ppb
Antimony	121-1	0.34	0.34	0.31	0.33	6.04	ppb
Arsenic	75-2	0.06	0.01	0.11	0.06	80.21	ppb
Barium	135-1	0.23	0.21	0.16	0.20	17.21	ppb
Barium	137-1	0.18	0.11	0.11	0.13	32.51	ppb
Beryllium	9-1	0.10	0.09	0.05	0.08	32.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	25.36	25.37	24.60	25.11	1.76	ppb
Boron	11-1	29.46	27.93	25.75	27.71	6.72	ppb
Cadmium	111-1	0.12	-0.05	0.03	0.03	246.73	ppb
Cadmium	106-1	0.21	-1.76	-0.15	-0.56		ppb
Cadmium	108-1	0.06	0.21	-0.02	0.08	145.54	ppb
Calcium	43-1	13.04	13.32	6.44	10.93	35.60	ppb
Calcium	44-1	22.54	18.82	14.90	18.76	20.37	ppb
Chromium	52-2	0.22	0.21	0.21	0.21	3.44	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	36.47	ppb
Copper	63-2	0.14	0.07	0.08	0.10	38.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	6.81	5.92	6.14	6.29	7.38	ppb
Iron	57-2	4.49	7.39	5.11	5.66	27.02	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.22	0.25	11.37	ppb
Lead	207-1	0.16	0.17	0.20	0.18	12.15	ppb
Lead	208-1	0.21	0.24	0.21	0.22	7.99	ppb
Lithium	6-1				87		%
Magnesium	24-2	12.52	10.94	10.95	11.47	7.94	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.02	0.03	0.04	69.11	ppb
Molybdenum	94-1	0.48	0.54	0.35	0.46	21.43	ppb
Molybdenum	95-1	0.57	0.59	0.51	0.55	7.41	ppb
Molybdenum	96-1	0.57	0.53	0.47	0.52	10.02	ppb
Molybdenum	97-1	0.54	0.54	0.52	0.53	1.81	ppb
Molybdenum	98-1	0.61	0.51	0.46	0.53	14.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.03	0.02	45.50	ppb
Phosphorus	31-2	-51.03	-47.09	-45.05	-47.72		ppb
Potassium	39-2	25.01	12.81	27.76	21.86	36.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	-0.30	-0.30	0.66	0.02	2572.40	ppb
Selenium	78-2	-0.23	1.43	-0.54	0.22	480.44	ppb
Selenium	82-1	-0.02	-0.60	0.56	-0.02		ppb
Silicon	28-1	0.00	-1.48	-1.31	-0.93		ppb
Silver	109-1	0.07	0.09	0.08	0.08	11.77	ppb
Silver	107-1	0.10	0.08	0.07	0.08	17.41	ppb
Sodium	23-2	59.43	53.12	57.72	56.76	5.75	ppb
Strontium	86-1	0.09	-0.01	-0.05	0.01	870.99	ppb
Strontium	88-1	0.05	0.02	0.01	0.03	76.57	ppb
Sulfur	34-1	-2022.23	-2249.09	-2266.84	-2179.38		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.12	0.17	0.18	0.16	20.63	ppb
Thallium	205-1	0.19	0.16	0.12	0.16	23.60	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	12.67	ppb
Tin	118-1	0.06	0.10	0.10	0.09	26.30	ppb
Titanium	47-1	0.18	0.17	0.14	0.16	13.31	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	44.31	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	50.40	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.08	-0.04	0.04	160.33	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	12.83	ppb
Zirconium	91-1	0.09	0.07	0.05	0.07	31.44	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.22	2.14	1.37	1.91	24.57	ppb
Antimony	121-1	1.19	1.18	1.04	1.13	7.38	ppb
Arsenic	75-2	0.38	0.34	0.44	0.39	11.87	ppb
Barium	135-1	28.81	28.71	27.53	28.35	2.51	ppb
Barium	137-1	30.09	29.95	27.76	29.27	4.46	ppb
Beryllium	9-1	0.02	0.06	0.07	0.05	48.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	35.51	39.68	37.14	37.44	5.61	ppb
Boron	11-1	39.98	40.43	38.83	39.75	2.09	ppb
Cadmium	111-1	0.20	0.33	0.31	0.28	24.64	ppb
Cadmium	106-1	-1.79	-0.53	1.09	-0.41		ppb
Cadmium	108-1	0.22	0.22	0.05	0.16	58.88	ppb
Calcium	43-1	80518.30	82408.22	78902.61	80609.71	2.18	ppb
Calcium	44-1	81092.73	84351.71	81192.82	82212.42	2.25	ppb
Chromium	52-2	2.15	2.12	2.00	2.09	3.81	ppb
Cobalt	59-2	0.08	0.07	0.05	0.07	24.04	ppb
Copper	63-2	5.16	4.95	5.10	5.07	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				85		%
Iron	56-2	61.91	60.24	59.79	60.65	1.84	ppb
Iron	57-2	381.11	387.74	396.65	388.50	2.01	ppb
Krypton	83-1						cps
Lead	206-1	1.71	1.42	1.29	1.47	14.52	ppb
Lead	207-1	1.65	1.49	1.25	1.47	13.67	ppb
Lead	208-1	1.62	1.41	1.26	1.43	12.70	ppb
Lithium	6-1				72		%
Magnesium	24-2	8107.17	8005.52	7957.44	8023.38	0.95	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	1.11	0.99	0.99	11.62	ppb
Molybdenum	94-1	0.24	0.29	0.30	0.28	11.53	ppb
Molybdenum	95-1	0.23	0.27	0.29	0.26	10.65	ppb
Molybdenum	96-1	0.26	0.22	0.30	0.26	14.98	ppb
Molybdenum	97-1	0.28	0.25	0.34	0.29	17.09	ppb
Molybdenum	98-1	0.23	0.19	0.25	0.23	12.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.61	0.66	0.65	6.88	ppb
Phosphorus	31-2	-45.54	-52.06	-45.91	-47.83		ppb
Potassium	39-2	875.22	852.48	859.05	862.25	1.36	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				81		%
Selenium	77-2	4.96	1.80	0.76	2.51	87.27	ppb
Selenium	78-2	0.45	-1.35	-0.43	-0.44		ppb
Selenium	82-1	-0.70	-0.11	-0.36	-0.39		ppb
Silicon	28-1	2603.91	2669.93	2557.80	2610.55	2.16	ppb
Silver	109-1	0.70	0.72	0.54	0.65	15.34	ppb
Silver	107-1	0.82	0.69	0.52	0.67	21.81	ppb
Sodium	23-2	3804.73	3802.13	3771.83	3792.90	0.48	ppb
Strontium	86-1	618.85	630.57	593.35	614.26	3.10	ppb
Strontium	88-1	618.31	637.31	609.15	621.59	2.31	ppb
Sulfur	34-1	2802.88	3253.03	2726.40	2927.44	9.72	ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	0.52	0.36	0.24	0.37	37.09	ppb
Thallium	205-1	0.49	0.37	0.26	0.37	30.20	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	4.50	ppb
Tin	118-1	1.15	1.37	1.21	1.24	8.93	ppb
Titanium	47-1	0.28	0.43	0.35	0.35	20.70	ppb
Uranium	238-1	0.38	0.37	0.38	0.37	1.37	ppb
Vanadium	51-2	0.41	0.39	0.43	0.41	4.11	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.66	15.30	14.07	15.01	5.53	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	14.50	ppb
Zirconium	91-1	0.07	0.06	0.03	0.05	36.06	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.21	19.77	21.83	20.27	6.81	ppb
Antimony	121-1	0.56	0.53	0.56	0.55	3.14	ppb
Arsenic	75-2	0.10	0.11	0.15	0.12	21.02	ppb
Barium	135-1	25.25	24.55	24.03	24.61	2.50	ppb
Barium	137-1	24.28	24.84	24.08	24.40	1.62	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Boron	10-1	105.49	108.00	113.15	108.88	3.59	ppb
Boron	11-1	115.81	118.26	120.40	118.16	1.94	ppb
Cadmium	111-1	0.24	0.24	0.26	0.25	3.49	ppb
Cadmium	106-1	-2.02	-2.30	-1.87	-2.06		ppb
Cadmium	108-1	0.42	0.35	0.12	0.29	52.63	ppb
Calcium	43-1	12513.65	12276.80	12344.95	12378.47	0.99	ppb
Calcium	44-1	12382.74	12523.04	12523.69	12476.49	0.65	ppb
Chromium	52-2	384.46	391.18	383.07	386.24	1.12	ppb
Cobalt	59-2	0.09	0.13	0.11	0.11	21.69	ppb
Copper	63-2	2.71	3.08	2.84	2.88	6.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				94		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	56-2	26.04	25.60	27.66	26.43	4.11	ppb
Iron	57-2	76.22	82.34	66.02	74.86	11.02	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.35	0.40	0.38	7.34	ppb
Lead	207-1	0.35	0.32	0.36	0.34	6.08	ppb
Lead	208-1	0.36	0.34	0.35	0.35	3.59	ppb
Lithium	6-1				78		%
Magnesium	24-2	2660.68	2731.85	2723.94	2705.49	1.44	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	391.12	400.14	393.82	395.03	1.17	ppb
Molybdenum	94-1	0.29	0.27	0.29	0.28	4.88	ppb
Molybdenum	95-1	0.30	0.30	0.31	0.30	2.51	ppb
Molybdenum	96-1	0.28	0.22	0.27	0.26	11.71	ppb
Molybdenum	97-1	0.24	0.31	0.26	0.27	13.49	ppb
Molybdenum	98-1	0.32	0.25	0.30	0.29	13.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.01	4.51	4.72	4.41	8.33	ppb
Phosphorus	31-2	-44.00	-31.63	-46.92	-40.85		ppb
Potassium	39-2	519.36	540.68	530.59	530.21	2.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	77-2	2.73	-0.30	-0.30	0.71	245.80	ppb
Selenium	78-2	1.15	1.14	-1.08	0.40	319.73	ppb
Selenium	82-1	0.63	0.92	0.52	0.69	29.95	ppb
Silicon	28-1	726.58	725.11	721.04	724.24	0.40	ppb
Silver	109-1	0.10	0.10	0.08	0.09	13.13	ppb
Silver	107-1	0.11	0.09	0.07	0.09	24.33	ppb
Sodium	23-2	29324.45	30315.98	29881.40	29840.61	1.67	ppb
Strontium	86-1	39.52	39.84	38.64	39.33	1.59	ppb
Strontium	88-1	39.70	39.17	39.23	39.37	0.74	ppb
Sulfur	34-1	6227.60	6323.04	5905.66	6152.10	3.55	ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.01	0.02	0.03	88.49	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	37.13	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	6.68	ppb
Tin	118-1	0.09	0.14	0.13	0.12	21.98	ppb
Titanium	47-1	2.56	0.47	0.46	1.16	103.80	ppb
Uranium	238-1	0.05	0.05	0.04	0.04	15.54	ppb
Vanadium	51-2	0.22	0.27	0.31	0.26	17.71	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.78	4.08	3.42	3.76	8.87	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	19.58	ppb
Zirconium	91-1	0.07	0.08	0.04	0.06	35.60	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.09	5.77	4.78	5.21	9.74	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	13.17	ppb
Arsenic	75-2	0.00	0.10	0.00	0.03	171.66	ppb
Barium	135-1	1.34	1.42	1.41	1.39	3.18	ppb
Barium	137-1	1.38	1.38	1.39	1.38	0.46	ppb
Beryllium	9-1	0.04	0.00	0.01	0.02	101.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				89		%
Boron	10-1	14.77	13.69	13.14	13.87	5.98	ppb
Boron	11-1	14.58	13.67	14.10	14.12	3.23	ppb
Cadmium	111-1	0.29	0.17	0.06	0.17	66.30	ppb
Cadmium	106-1	0.53	-0.54	-1.30	-0.44		ppb
Cadmium	108-1	-0.02	0.05	0.13	0.05	147.36	ppb
Calcium	43-1	964.43	903.66	948.67	938.92	3.36	ppb
Calcium	44-1	933.87	933.87	924.41	930.72	0.59	ppb
Chromium	52-2	702.89	708.15	715.08	708.71	0.86	ppb
Cobalt	59-2	0.44	0.47	0.48	0.46	3.72	ppb
Copper	63-2	5.65	5.84	5.84	5.78	1.86	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				92		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	1.36	1.24	1.49	1.36	9.34	ppb
Iron	57-2	4.20	3.97	1.48	3.22	46.98	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.62	0.56	0.62	10.20	ppb
Lead	207-1	0.46	0.54	0.46	0.49	9.02	ppb
Lead	208-1	0.55	0.55	0.53	0.55	2.38	ppb
Lithium	6-1				81		%
Magnesium	24-2	187.75	188.41	196.25	190.80	2.48	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	122.05	121.74	123.55	122.45	0.79	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	14.20	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	31.91	ppb
Molybdenum	96-1	0.05	0.02	0.04	0.04	40.82	ppb
Molybdenum	97-1	0.04	0.03	0.06	0.04	27.53	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	33.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.57	1.71	1.56	9.26	ppb
Phosphorus	31-2	-54.12	-51.01	-41.85	-48.99		ppb
Potassium	39-2	59.58	55.92	63.44	59.65	6.30	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				78		%
Selenium	77-2	-0.30	0.75	-0.30	0.05	1205.52	ppb
Selenium	78-2	-0.46	0.24	-1.00	-0.41		ppb
Selenium	82-1	0.01	-0.60	-0.09	-0.23		ppb
Silicon	28-1	137.95	134.30	134.64	135.63	1.49	ppb
Silver	109-1	0.05	0.06	0.05	0.05	11.90	ppb
Silver	107-1	0.05	0.04	0.06	0.05	18.36	ppb
Sodium	23-2	2197.28	2194.67	2186.30	2192.75	0.26	ppb
Strontium	86-1	2.56	2.46	2.37	2.47	3.84	ppb
Strontium	88-1	2.53	2.42	2.41	2.45	2.77	ppb
Sulfur	34-1	-745.22	-688.03	-843.19	-758.81		ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.01	0.01	0.01	61.96	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.03	0.05	-0.02	0.00	19480.83	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.03	0.01	0.02	39.78	ppb
Yttrium	89-1				91		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.37	2.30	2.26	5.84	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.03	0.01	144.85	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.39	5.45	5.25	5.36	1.89	ppb
Antimony	121-1	0.01	0.03	0.00	0.01	110.37	ppb
Arsenic	75-2	0.00	0.00	0.03	0.01	177.17	ppb
Barium	135-1	1.34	1.41	1.28	1.34	4.92	ppb
Barium	137-1	1.55	1.52	1.54	1.54	0.83	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	56.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	9.58	8.93	10.33	9.62	7.29	ppb
Boron	11-1	10.34	10.33	9.45	10.04	5.06	ppb
Cadmium	111-1	0.12	0.11	0.06	0.09	33.41	ppb
Cadmium	106-1	-1.52	-0.57	-1.69	-1.26		ppb
Cadmium	108-1	0.20	0.05	0.20	0.15	57.30	ppb
Calcium	43-1	924.87	918.61	930.15	924.54	0.63	ppb
Calcium	44-1	919.61	904.05	902.63	908.76	1.04	ppb
Chromium	52-2	663.71	660.87	659.70	661.43	0.31	ppb
Cobalt	59-2	0.46	0.43	0.48	0.45	5.35	ppb
Copper	63-2	5.40	5.03	5.30	5.25	3.62	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				93		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	1.50	1.30	1.46	1.42	7.44	ppb
Iron	57-2	6.64	2.77	4.91	4.77	40.61	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.10	0.10	13.42	ppb
Lead	207-1	0.05	0.05	0.07	0.06	21.93	ppb
Lead	208-1	0.08	0.05	0.07	0.07	19.43	ppb
Lithium	6-1				83		%
Magnesium	24-2	191.01	190.87	190.33	190.74	0.19	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	126.74	126.87	126.06	126.56	0.34	ppb
Molybdenum	94-1	0.05	0.02	-0.04	0.01	366.00	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.02	16.39	ppb
Molybdenum	96-1	0.01	0.04	0.00	0.02	109.29	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	266.19	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	169.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.36	1.54	1.43	6.78	ppb
Phosphorus	31-2	-57.25	-39.66	-36.87	-44.59		ppb
Potassium	39-2	56.48	54.69	55.40	55.52	1.61	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				80		%
Selenium	77-2	-0.30	-0.30	0.72	0.04	1412.87	ppb
Selenium	78-2	0.73	-0.17	0.33	0.30	153.38	ppb
Selenium	82-1	0.18	0.15	0.66	0.33	86.60	ppb
Silicon	28-1	133.90	134.16	130.35	132.81	1.60	ppb
Silver	109-1	0.04	0.02	0.02	0.03	46.84	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.25	ppb
Sodium	23-2	2161.52	2135.47	2127.99	2141.66	0.82	ppb
Strontium	86-1	2.24	2.38	2.58	2.40	7.06	ppb
Strontium	88-1	2.54	2.47	2.46	2.49	1.74	ppb
Sulfur	34-1	-956.47	-1034.83	-1146.49	-1045.93		ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	60.81	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.05	-0.01	0.00	0.02	192.94	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	47.37	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.89	3.85	3.45	3.73	6.51	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.05	0.01	-0.02	0.01	209.93	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.59	5.27	3.42	4.43	21.06	ppb
Antimony	121-1	0.01	-0.01	0.02	0.00	549.26	ppb
Arsenic	75-2	-0.03	0.03	-0.02	-0.01		ppb
Barium	135-1	1.30	1.53	1.26	1.36	10.58	ppb
Barium	137-1	1.57	1.41	1.48	1.48	5.38	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	80.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	9.35	9.65	7.77	8.93	11.31	ppb
Boron	11-1	8.75	8.92	8.72	8.80	1.24	ppb
Cadmium	111-1	0.11	0.04	-0.07	0.03	338.75	ppb
Cadmium	106-1	-0.64	-1.91	-2.28	-1.61		ppb
Cadmium	108-1	-0.02	0.21	-0.02	0.05	250.90	ppb
Calcium	43-1	838.78	789.91	781.56	803.42	3.85	ppb
Calcium	44-1	838.69	828.33	825.66	830.89	0.83	ppb
Chromium	52-2	556.13	560.30	566.22	560.88	0.90	ppb
Cobalt	59-2	0.39	0.42	0.37	0.40	6.63	ppb
Copper	63-2	4.78	4.52	4.34	4.55	4.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	0.20	0.37	0.23	0.27	35.13	ppb
Iron	57-2	3.19	2.22	3.42	2.94	21.74	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.06	0.07	19.95	ppb
Lead	207-1	0.05	0.06	0.01	0.04	68.59	ppb
Lead	208-1	0.05	0.07	0.02	0.04	54.29	ppb
Lithium	6-1				83		%
Magnesium	24-2	176.25	174.52	167.52	172.76	2.67	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	117.89	120.46	120.99	119.78	1.38	ppb
Molybdenum	94-1	0.00	0.04	-0.01	0.01	271.92	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.05	-0.02	0.01	333.02	ppb
Molybdenum	97-1	-0.02	-0.03	0.03	0.00		ppb
Molybdenum	98-1	0.02	0.00	0.00	0.00	214.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.25	1.31	1.31	4.47	ppb
Phosphorus	31-2	-51.09	-54.08	-45.08	-50.08		ppb
Potassium	39-2	52.45	53.01	52.83	52.76	0.55	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				79		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-0.81	-1.20	0.40	-0.54		ppb
Selenium	82-1	-0.29	0.41	0.79	0.30	182.38	ppb
Silicon	28-1	119.10	118.09	113.82	117.01	2.40	ppb
Silver	109-1	0.02	0.01	0.01	0.01	34.02	ppb
Silver	107-1	0.01	0.03	0.02	0.02	43.77	ppb
Sodium	23-2	1936.22	1960.14	1968.25	1954.87	0.85	ppb
Strontium	86-1	2.03	2.31	2.11	2.15	6.87	ppb
Strontium	88-1	2.18	2.12	2.21	2.17	1.92	ppb
Sulfur	34-1	-847.63	-788.75	-641.30	-759.23		ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	37.01	ppb
Tin	118-1	-0.03	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	749.54	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	194.38	ppb
Yttrium	89-1				90		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.96	2.84	2.60	2.80	6.66	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.04	0.01	0.02	73.92	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-08DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-EW-03-062619-FDC Dilution Factor : 100
 Date & Time Acquired :: 2019-07-05 19:12:56 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.43	6.57	5.46	5.49	19.57	ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	0.00	0.03	-0.02	0.01	427.56	ppb
Barium	135-1	1.25	1.26	1.42	1.31	7.33	ppb
Barium	137-1	1.22	1.47	1.28	1.32	9.82	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	72.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				88		%
Boron	10-1	5.91	7.61	6.74	6.75	12.59	ppb
Boron	11-1	6.88	7.88	7.37	7.38	6.79	ppb
Cadmium	111-1	-0.04	0.01	-0.05	-0.03		ppb
Cadmium	106-1	-1.72	-1.65	-2.19	-1.85		ppb
Cadmium	108-1	0.05	0.05	0.20	0.10	84.97	ppb
Calcium	43-1	847.14	827.39	794.62	823.05	3.22	ppb
Calcium	44-1	842.57	821.99	832.58	832.38	1.24	ppb
Chromium	52-2	595.91	561.95	573.59	577.15	2.99	ppb
Cobalt	59-2	0.44	0.42	0.38	0.42	6.98	ppb
Copper	63-2	4.44	4.26	4.36	4.35	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	0.20	0.23	0.05	0.16	59.13	ppb
Iron	57-2	1.93	0.81	2.54	1.76	50.00	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.00	0.01	0.02	120.27	ppb
Lead	207-1	0.00	0.04	0.04	0.03	79.63	ppb
Lead	208-1	0.04	0.01	-0.01	0.01	165.46	ppb
Lithium	6-1				84		%
Magnesium	24-2	177.28	168.05	177.06	174.13	3.02	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-08DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-EW-03-062619-FDC Dilution Factor : 100
 Date & Time Acquired :: 2019-07-05 19:12:56 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	121.19	115.43	116.46	117.69	2.61	ppb
Molybdenum	94-1	0.05	0.03	0.01	0.03	55.72	ppb
Molybdenum	95-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	96-1	0.03	-0.01	0.01	0.01	152.57	ppb
Molybdenum	97-1	-0.03	0.00	-0.02	-0.02		ppb
Molybdenum	98-1	0.01	0.01	-0.02	0.00	8420.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.25	1.37	1.32	5.14	ppb
Phosphorus	31-2	-56.58	-33.72	-36.57	-42.29		ppb
Potassium	39-2	54.72	46.42	49.23	50.12	8.43	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				79		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-0.20	-0.15	-1.02	-0.46		ppb
Selenium	82-1	-0.50	0.15	0.35	0.00		ppb
Silicon	28-1	118.47	116.76	117.14	117.46	0.76	ppb
Silver	109-1	0.03	0.02	0.01	0.02	35.01	ppb
Silver	107-1	0.01	0.00	0.01	0.01	93.34	ppb
Sodium	23-2	2001.56	1937.75	1957.31	1965.54	1.66	ppb
Strontium	86-1	2.20	2.40	2.10	2.23	6.96	ppb
Strontium	88-1	2.32	2.19	2.21	2.24	3.04	ppb
Sulfur	34-1	-859.96	-987.03	-1112.03	-986.34		ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.01	-0.03	-0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.30	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:12:56	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.40	5.28	5.56	5.41	2.63	ppb
Zirconium	90-1	0.00	0.02	-0.01	0.00	875.09	ppb
Zirconium	91-1	0.03	0.01	0.01	0.01	97.48	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	2.49	3.11	2.68	14.23	ppb
Antimony	121-1	0.52	0.47	0.43	0.47	8.96	ppb
Arsenic	75-2	0.02	0.12	0.03	0.06	94.90	ppb
Barium	135-1	22.23	22.72	21.83	22.26	2.02	ppb
Barium	137-1	23.36	22.69	22.89	22.98	1.50	ppb
Beryllium	9-1	0.03	-0.01	0.00	0.01	226.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				89		%
Boron	10-1	95.73	96.66	101.65	98.01	3.25	ppb
Boron	11-1	104.39	105.15	106.83	105.45	1.18	ppb
Cadmium	111-1	0.27	0.19	0.24	0.23	15.44	ppb
Cadmium	106-1	-1.45	-1.64	-0.68	-1.26		ppb
Cadmium	108-1	0.35	0.74	0.57	0.55	35.28	ppb
Calcium	43-1	11551.78	11913.21	11896.43	11787.14	1.73	ppb
Calcium	44-1	11793.11	12019.84	11947.67	11920.21	0.97	ppb
Chromium	52-2	394.80	391.86	384.60	390.42	1.34	ppb
Cobalt	59-2	0.14	0.13	0.11	0.13	13.73	ppb
Copper	63-2	2.34	2.39	2.52	2.42	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	3.36	3.63	3.34	3.44	4.67	ppb
Iron	57-2	55.17	47.46	50.63	51.09	7.59	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.33	0.29	0.30	6.28	ppb
Lead	207-1	0.20	0.29	0.17	0.22	28.99	ppb
Lead	208-1	0.24	0.26	0.24	0.25	5.76	ppb
Lithium	6-1				81		%
Magnesium	24-2	2640.15	2584.09	2503.38	2575.87	2.67	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	267.60	266.36	257.53	263.83	2.08	ppb
Molybdenum	94-1	0.19	0.22	0.19	0.20	9.02	ppb
Molybdenum	95-1	0.24	0.21	0.18	0.21	14.44	ppb
Molybdenum	96-1	0.26	0.24	0.19	0.23	15.61	ppb
Molybdenum	97-1	0.21	0.23	0.14	0.20	24.71	ppb
Molybdenum	98-1	0.21	0.18	0.20	0.20	8.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.24	4.31	4.08	4.21	2.80	ppb
Phosphorus	31-2	-20.94	-37.05	-40.16	-32.72		ppb
Potassium	39-2	498.92	475.16	466.59	480.23	3.49	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				80		%
Selenium	77-2	1.82	0.73	-0.30	0.75	140.97	ppb
Selenium	78-2	0.28	-0.51	-1.03	-0.42		ppb
Selenium	82-1	0.17	-0.34	-0.46	-0.21		ppb
Silicon	28-1	685.49	693.70	689.61	689.60	0.60	ppb
Silver	109-1	0.05	0.06	0.07	0.06	18.63	ppb
Silver	107-1	0.06	0.04	0.04	0.05	26.02	ppb
Sodium	23-2	29059.68	28451.78	27706.33	28405.93	2.39	ppb
Strontium	86-1	34.46	35.80	34.47	34.91	2.21	ppb
Strontium	88-1	35.12	35.39	34.88	35.13	0.73	ppb
Sulfur	34-1	4738.68	4929.41	4594.55	4754.22	3.53	ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	47.55	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	26.44	ppb
Tin	118-1	0.00	0.05	0.02	0.02	106.67	ppb
Titanium	47-1	0.07	0.07	0.06	0.07	9.42	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	26.68	ppb
Vanadium	51-2	0.10	0.11	0.14	0.11	18.08	ppb
Yttrium	89-1				92		%
Yttrium	89-2				85		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.67	10.91	11.15	10.91	2.21	ppb
Zirconium	90-1	0.01	0.00	0.03	0.01	97.71	ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	152.30	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:20:11	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	1.82	3.38	2.41	34.98	ppb
Antimony	121-1	0.41	0.43	0.41	0.42	3.06	ppb
Arsenic	75-2	0.08	0.08	0.05	0.07	27.30	ppb
Barium	135-1	22.36	23.85	23.75	23.32	3.56	ppb
Barium	137-1	23.07	22.80	22.42	22.76	1.45	ppb
Beryllium	9-1	0.02	0.03	0.02	0.03	25.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				89		%
Boron	10-1	105.46	106.35	104.53	105.45	0.86	ppb
Boron	11-1	110.71	111.68	115.75	112.71	2.37	ppb
Cadmium	111-1	0.31	0.23	0.23	0.26	17.12	ppb
Cadmium	106-1	-1.02	-0.57	-1.44	-1.01		ppb
Cadmium	108-1	0.49	0.35	0.43	0.42	17.07	ppb
Calcium	43-1	12271.08	11966.97	11917.16	12051.73	1.59	ppb
Calcium	44-1	12068.19	12071.79	12077.14	12072.37	0.04	ppb
Chromium	52-2	408.09	405.26	404.40	405.92	0.48	ppb
Cobalt	59-2	0.13	0.15	0.13	0.13	7.83	ppb
Copper	63-2	5.59	5.67	5.63	5.63	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	3.88	3.94	3.70	3.84	3.19	ppb
Iron	57-2	45.58	47.21	51.22	48.00	6.05	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.16	0.18	0.20	24.86	ppb
Lead	207-1	0.16	0.16	0.17	0.16	4.83	ppb
Lead	208-1	0.16	0.17	0.17	0.17	2.86	ppb
Lithium	6-1				78		%
Magnesium	24-2	2683.24	2645.42	2669.70	2666.12	0.72	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05DUPDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619DUP Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:20:11 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	275.72	273.45	271.29	273.49	0.81	ppb
Molybdenum	94-1	0.16	0.23	0.18	0.19	17.62	ppb
Molybdenum	95-1	0.25	0.23	0.22	0.23	7.62	ppb
Molybdenum	96-1	0.20	0.20	0.26	0.22	14.66	ppb
Molybdenum	97-1	0.27	0.23	0.32	0.28	15.07	ppb
Molybdenum	98-1	0.23	0.22	0.20	0.22	6.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.23	5.29	5.34	2.46	ppb
Phosphorus	31-2	-30.64	-16.90	-46.40	-31.31		ppb
Potassium	39-2	510.21	503.19	504.82	506.07	0.73	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	-0.30	-0.30	1.74	0.38	308.20	ppb
Selenium	78-2	0.03	2.24	-0.37	0.63	221.54	ppb
Selenium	82-1	-0.04	0.83	0.25	0.34	128.33	ppb
Silicon	28-1	695.48	689.80	697.25	694.18	0.56	ppb
Silver	109-1	0.04	0.04	0.06	0.05	18.12	ppb
Silver	107-1	0.04	0.04	0.07	0.05	41.19	ppb
Sodium	23-2	29635.04	29100.36	29239.28	29324.90	0.95	ppb
Strontium	86-1	36.12	35.88	35.70	35.90	0.58	ppb
Strontium	88-1	35.62	35.76	35.45	35.61	0.43	ppb
Sulfur	34-1	4730.26	4302.19	4511.98	4514.81	4.74	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.01	0.00	342.94	ppb
Tin	118-1	0.02	0.03	0.05	0.03	41.50	ppb
Titanium	47-1	0.01	0.06	0.06	0.05	59.28	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	10.13	ppb
Vanadium	51-2	0.12	0.13	0.12	0.13	4.81	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:20:11	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.05	5.11	4.99	5.05	1.15	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	69.79	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-05 19:23:48	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.73	-0.27	-0.59	-0.53		ppb
Antimony	121-1	0.08	0.04	0.04	0.06	45.12	ppb
Arsenic	75-2	-0.03	-0.02	0.00	-0.02		ppb
Barium	135-1	4.39	4.09	4.37	4.28	3.85	ppb
Barium	137-1	4.67	4.24	4.44	4.45	4.86	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.01	177.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	28.16	29.37	28.73	28.75	2.12	ppb
Boron	11-1	30.28	29.93	30.65	30.28	1.19	ppb
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.96	-1.11	-0.91	-0.99		ppb
Cadmium	108-1	-0.02	0.05	0.20	0.07	151.76	ppb
Calcium	43-1	2457.33	2396.07	2353.80	2402.40	2.17	ppb
Calcium	44-1	2424.77	2401.80	2388.91	2405.16	0.76	ppb
Chromium	52-2	80.81	78.96	78.79	79.52	1.41	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	150.07	ppb
Copper	63-2	0.67	0.70	0.71	0.69	3.00	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				95		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	0.79	0.85	1.03	0.89	14.13	ppb
Iron	57-2	12.22	9.65	12.09	11.32	12.79	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	35.86	ppb
Lead	207-1	0.05	0.02	0.01	0.03	66.34	ppb
Lead	208-1	0.02	0.01	0.02	0.02	27.63	ppb
Lithium	6-1				80		%
Magnesium	24-2	533.39	530.42	510.35	524.72	2.39	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05LDLX25 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619LDL Dilution Factor : 25
 Date & Time Acquired :: 2019-07-05 19:23:48 DataFile Name : 089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	53.77	54.69	52.94	53.80	1.63	ppb
Molybdenum	94-1	0.09	0.02	0.01	0.04	98.72	ppb
Molybdenum	95-1	0.06	0.04	0.01	0.04	61.93	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	19.81	ppb
Molybdenum	97-1	0.04	0.00	0.04	0.03	82.35	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	70.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.96	0.86	0.89	6.33	ppb
Phosphorus	31-2	-31.49	-31.98	-46.81	-36.76		ppb
Potassium	39-2	104.08	109.51	100.73	104.77	4.23	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	-1.25	0.10	0.59	-0.19		ppb
Selenium	82-1	0.04	0.55	-0.60	0.00		ppb
Silicon	28-1	132.03	130.62	128.86	130.50	1.21	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.64	ppb
Silver	107-1	0.01	0.02	0.02	0.02	57.01	ppb
Sodium	23-2	5705.84	5712.37	5701.43	5706.55	0.10	ppb
Strontium	86-1	7.49	6.51	7.48	7.16	7.85	ppb
Strontium	88-1	7.42	7.12	7.04	7.20	2.78	ppb
Sulfur	34-1	578.99	356.56	113.87	349.81	66.50	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.01	0.03	-0.07	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	25.61	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-05 19:23:48	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.82	1.62	1.09	1.51	24.96	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.04	0.02	-0.01		ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:27:24 DataFile Name : 090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1973.02	2213.66	2141.51	2109.40	5.85	ppb
Antimony	121-1	112.14	108.25	109.08	109.82	1.87	ppb
Arsenic	75-2	111.35	125.90	121.17	119.47	6.21	ppb
Barium	135-1	567.62	541.63	547.22	552.15	2.48	ppb
Barium	137-1	566.33	544.55	544.70	551.86	2.27	ppb
Beryllium	9-1	110.21	108.39	108.97	109.19	0.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	10-1	198.29	197.32	205.50	200.37	2.23	ppb
Boron	11-1	212.54	215.69	215.54	214.59	0.83	ppb
Cadmium	111-1	106.20	100.48	101.45	102.71	2.98	ppb
Cadmium	106-1	104.21	93.31	101.40	99.64	5.67	ppb
Cadmium	108-1	105.02	101.59	98.16	101.59	3.38	ppb
Calcium	43-1	21832.86	21088.10	20831.08	21250.68	2.45	ppb
Calcium	44-1	21866.74	21382.47	21029.08	21426.10	1.96	ppb
Chromium	52-2	493.12	566.00	534.39	531.17	6.88	ppb
Cobalt	59-2	122.96	141.43	132.96	132.45	6.98	ppb
Copper	63-2	239.32	273.74	260.17	257.74	6.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				90		%
Indium	115-1				101		%
Indium	115-2				85		%
Iron	56-2	5243.14	5966.82	5629.72	5613.23	6.45	ppb
Iron	57-2	5500.57	6208.24	5904.09	5870.97	6.05	ppb
Krypton	83-1						cps
Lead	206-1	113.34	107.96	107.90	109.73	2.85	ppb
Lead	207-1	111.09	108.30	105.88	108.42	2.41	ppb
Lead	208-1	112.57	107.30	106.54	108.80	3.02	ppb
Lithium	6-1				78		%
Magnesium	24-2	12736.85	14464.56	13683.99	13628.47	6.35	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:27:24 DataFile Name : 090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	488.27	551.28	523.20	520.91	6.06	ppb
Molybdenum	94-1	493.55	470.75	466.95	477.08	3.02	ppb
Molybdenum	95-1	467.35	447.33	439.54	451.41	3.18	ppb
Molybdenum	96-1	471.04	450.30	444.55	455.29	3.06	ppb
Molybdenum	97-1	482.35	460.96	453.92	465.74	3.18	ppb
Molybdenum	98-1	462.33	448.24	441.42	450.67	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.85	142.58	134.88	134.44	6.23	ppb
Phosphorus	31-2	-52.64	-36.36	-29.00	-39.34		ppb
Potassium	39-2	5453.57	6151.92	5826.94	5810.81	6.01	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	123.86	126.97	111.45	120.76	6.80	ppb
Selenium	78-2	108.20	116.36	109.76	111.44	3.89	ppb
Selenium	82-1	112.79	113.25	108.95	111.66	2.12	ppb
Silicon	28-1	780.63	749.23	739.44	756.43	2.84	ppb
Silver	109-1	103.19	99.86	99.75	100.93	1.94	ppb
Silver	107-1	103.68	99.86	100.28	101.27	2.07	ppb
Sodium	23-2	37925.77	42796.16	40707.90	40476.61	6.04	ppb
Strontium	86-1	139.96	135.73	133.21	136.30	2.50	ppb
Strontium	88-1	138.40	133.66	132.22	134.76	2.40	ppb
Sulfur	34-1	5594.74	4931.36	4439.75	4988.62	11.62	ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	106.54	101.47	100.49	102.83	3.16	ppb
Thallium	205-1	106.95	102.84	102.12	103.97	2.50	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	61.10	ppb
Tin	118-1	110.97	107.67	105.63	108.09	2.49	ppb
Titanium	47-1	460.24	445.96	437.94	448.05	2.52	ppb
Uranium	238-1	105.16	98.70	99.92	101.26	3.39	ppb
Vanadium	51-2	111.95	128.21	121.88	120.68	6.79	ppb
Yttrium	89-1				92		%
Yttrium	89-2				83		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:27:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	226.21	257.32	246.06	243.20	6.48	ppb
Zirconium	90-1	105.47	101.44	100.15	102.35	2.71	ppb
Zirconium	91-1	109.14	105.10	103.30	105.84	2.82	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50046.35	50811.16	48780.44	49879.31	2.06	ppb
Antimony	121-1	497.86	491.50	495.25	494.87	0.65	ppb
Arsenic	75-2	493.66	501.56	488.01	494.41	1.38	ppb
Barium	135-1	2506.55	2517.21	2504.57	2509.44	0.27	ppb
Barium	137-1	2533.42	2517.56	2534.77	2528.58	0.38	ppb
Beryllium	9-1	496.48	499.05	496.55	497.36	0.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	487.63	493.16	511.47	497.42	2.51	ppb
Boron	11-1	504.34	510.10	520.38	511.61	1.59	ppb
Cadmium	111-1	467.92	469.68	471.15	469.58	0.35	ppb
Cadmium	106-1	480.83	478.67	469.06	476.19	1.32	ppb
Cadmium	108-1	474.01	481.36	481.87	479.08	0.92	ppb
Calcium	43-1	232369.11	233823.44	231745.02	232645.86	0.46	ppb
Calcium	44-1	231955.93	234611.08	232237.67	232934.89	0.63	ppb
Chromium	52-2	533.28	542.47	524.34	533.37	1.70	ppb
Cobalt	59-2	541.74	557.54	535.88	545.05	2.06	ppb
Copper	63-2	1001.03	1025.65	983.59	1003.42	2.11	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				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	122555.75	124747.58	119064.53	122122.62	2.35	ppb
Iron	57-2	122711.86	124763.15	119470.69	122315.24	2.18	ppb
Krypton	83-1						cps
Lead	206-1	512.13	506.32	506.87	508.44	0.63	ppb
Lead	207-1	523.55	511.06	515.79	516.80	1.22	ppb
Lead	208-1	519.49	513.06	514.86	515.80	0.64	ppb
Lithium	6-1				87		%
Magnesium	24-2	240984.15	243765.36	234963.68	239904.40	1.88	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1043.42	1067.45	1031.16	1047.34	1.76	ppb
Molybdenum	94-1	2547.06	2546.82	2559.84	2551.24	0.29	ppb
Molybdenum	95-1	2534.78	2562.25	2556.34	2551.12	0.57	ppb
Molybdenum	96-1	2529.34	2540.44	2537.22	2535.67	0.23	ppb
Molybdenum	97-1	2535.17	2543.75	2543.64	2540.85	0.19	ppb
Molybdenum	98-1	2525.36	2551.83	2538.29	2538.50	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.22	539.38	519.15	528.58	1.93	ppb
Phosphorus	31-2	9342.10	9651.37	9512.61	9502.03	1.63	ppb
Potassium	39-2	118252.89	120296.66	116676.91	118408.82	1.53	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	473.79	466.07	462.57	467.47	1.23	ppb
Selenium	78-2	460.26	498.25	484.20	480.90	4.00	ppb
Selenium	82-1	475.92	475.04	483.09	478.02	0.92	ppb
Silicon	28-1	443.13	482.90	489.05	471.69	5.28	ppb
Silver	109-1	467.31	470.14	465.40	467.62	0.51	ppb
Silver	107-1	467.69	472.56	469.19	469.81	0.53	ppb
Sodium	23-2	242079.87	246754.91	236869.27	241901.35	2.04	ppb
Strontium	86-1	515.55	515.47	508.74	513.25	0.76	ppb
Strontium	88-1	513.58	510.42	517.28	513.76	0.67	ppb
Sulfur	34-1	10374.04	10147.26	9992.76	10171.35	1.89	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	513.10	505.01	511.92	510.01	0.86	ppb
Thallium	205-1	525.19	514.64	523.33	521.05	1.08	ppb
Thorium	232-1	534.58	527.12	527.38	529.69	0.80	ppb
Tin	118-1	497.13	500.85	498.82	498.93	0.37	ppb
Titanium	47-1	2476.04	2476.66	2458.04	2470.25	0.43	ppb
Uranium	238-1	528.03	514.84	517.59	520.16	1.34	ppb
Vanadium	51-2	532.78	542.73	522.16	532.56	1.93	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.41	991.27	955.99	971.22	1.87	ppb
Zirconium	90-1	511.31	510.14	513.94	511.80	0.38	ppb
Zirconium	91-1	512.31	510.94	513.86	512.37	0.28	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	2.07	0.44	1.28	63.44	ppb
Antimony	121-1	0.35	0.49	0.33	0.39	21.87	ppb
Arsenic	75-2	0.04	0.00	0.07	0.04	103.50	ppb
Barium	135-1	0.14	0.12	0.15	0.14	12.37	ppb
Barium	137-1	0.16	0.13	0.09	0.13	24.85	ppb
Beryllium	9-1	0.07	0.07	0.06	0.06	9.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	21.67	23.88	20.87	22.14	7.04	ppb
Boron	11-1	24.69	21.97	21.25	22.64	8.01	ppb
Cadmium	111-1	-0.09	-0.04	0.00	-0.04		ppb
Cadmium	106-1	-1.92	-1.31	-0.74	-1.32		ppb
Cadmium	108-1	0.12	0.28	0.12	0.17	51.32	ppb
Calcium	43-1	14.49	9.00	7.79	10.43	34.22	ppb
Calcium	44-1	10.06	10.49	7.39	9.31	18.00	ppb
Chromium	52-2	0.05	0.17	0.13	0.12	56.13	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	117.02	ppb
Copper	63-2	0.07	0.06	0.06	0.06	10.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	5.37	5.14	4.88	5.13	4.79	ppb
Iron	57-2	4.99	6.11	2.47	4.53	41.25	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.12	0.13	13.64	ppb
Lead	207-1	0.15	0.10	0.10	0.12	23.87	ppb
Lead	208-1	0.15	0.10	0.11	0.12	21.56	ppb
Lithium	6-1				91		%
Magnesium	24-2	9.62	11.34	9.21	10.06	11.22	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.06	0.06	0.06	6.41	ppb
Molybdenum	94-1	0.48	0.52	0.43	0.48	10.03	ppb
Molybdenum	95-1	0.54	0.55	0.50	0.53	5.26	ppb
Molybdenum	96-1	0.58	0.51	0.38	0.49	19.97	ppb
Molybdenum	97-1	0.65	0.49	0.36	0.50	29.05	ppb
Molybdenum	98-1	0.52	0.45	0.41	0.46	11.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.03	0.03	105.55	ppb
Phosphorus	31-2	-57.25	-49.20	-57.56	-54.67		ppb
Potassium	39-2	19.25	18.48	20.60	19.44	5.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	-0.30	-0.30	0.61	0.00	16000.64	ppb
Selenium	78-2	0.94	0.91	0.22	0.69	58.46	ppb
Selenium	82-1	0.08	-0.45	-0.84	-0.40		ppb
Silicon	28-1	-0.73	-1.78	-2.31	-1.61		ppb
Silver	109-1	0.08	0.07	0.06	0.07	8.53	ppb
Silver	107-1	0.07	0.08	0.05	0.07	22.19	ppb
Sodium	23-2	55.35	55.71	53.91	54.99	1.73	ppb
Strontium	86-1	0.04	0.06	-0.02	0.03	163.19	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	24.60	ppb
Sulfur	34-1	-1682.61	-1816.26	-1866.29	-1788.39		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.15	0.10	0.12	0.13	19.46	ppb
Thallium	205-1	0.17	0.14	0.13	0.15	12.98	ppb
Thorium	232-1	0.09	0.06	0.07	0.07	15.45	ppb
Tin	118-1	0.08	0.12	0.11	0.10	17.65	ppb
Titanium	47-1	0.16	0.16	0.18	0.16	6.90	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	28.79	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	14.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.26	-0.02	-0.07	-0.12		ppb
Zirconium	90-1	0.07	0.06	0.04	0.06	31.19	ppb
Zirconium	91-1	0.04	0.08	-0.01	0.04	126.06	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	1.82	2.43	2.20	15.14	ppb
Antimony	121-1	0.05	0.08	0.09	0.07	29.56	ppb
Arsenic	75-2	0.04	0.01	0.01	0.02	100.22	ppb
Barium	135-1	0.10	0.04	0.11	0.08	47.42	ppb
Barium	137-1	0.05	0.05	0.06	0.06	12.10	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	52.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	10.29	9.70	12.54	10.84	13.86	ppb
Boron	11-1	12.15	11.39	12.29	11.95	4.08	ppb
Cadmium	111-1	0.02	-0.07	-0.06	-0.04		ppb
Cadmium	106-1	-0.15	-1.24	-1.37	-0.92		ppb
Cadmium	108-1	0.10	-0.10	-0.02	-0.01		ppb
Calcium	43-1	10.52	7.76	13.67	10.65	27.76	ppb
Calcium	44-1	8.65	4.41	12.71	8.59	48.32	ppb
Chromium	52-2	0.10	0.14	0.11	0.12	14.40	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	0.10	0.08	0.03	0.07	47.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	1.14	1.39	1.35	1.29	10.24	ppb
Iron	57-2	0.76	2.29	0.07	1.04	109.19	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.31	0.31	0.29	12.54	ppb
Lead	207-1	0.24	0.27	0.28	0.26	6.88	ppb
Lead	208-1	0.24	0.25	0.27	0.25	5.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.84	2.82	2.84	2.84	0.43	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.07	0.05	29.85	ppb
Molybdenum	94-1	0.14	0.12	0.13	0.13	5.62	ppb
Molybdenum	95-1	0.13	0.09	0.10	0.11	21.97	ppb
Molybdenum	96-1	0.11	0.12	0.16	0.13	18.45	ppb
Molybdenum	97-1	0.09	0.12	0.10	0.11	15.32	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.05	0.04	15.95	ppb
Phosphorus	31-2	-49.63	-45.01	-64.28	-52.97		ppb
Potassium	39-2	-3.26	6.33	1.82	1.63	294.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				110		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.54	-0.30	-0.30	-0.02		ppb
Selenium	78-2	-0.59	-0.22	-0.48	-0.43		ppb
Selenium	82-1	-0.25	0.11	-0.06	-0.07		ppb
Silicon	28-1	-6.77	-6.96	-3.34	-5.69		ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.03	ppb
Silver	107-1	0.01	0.03	0.02	0.02	47.44	ppb
Sodium	23-2	34.60	32.99	33.70	33.76	2.39	ppb
Strontium	86-1	0.01	-0.03	0.03	0.00	746.41	ppb
Strontium	88-1	0.02	0.04	0.03	0.03	22.40	ppb
Sulfur	34-1	-2654.10	-2536.41	-1232.47	-2140.99		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.06	0.05	0.05	36.07	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	11.93	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	55.78	ppb
Tin	118-1	0.02	0.05	0.05	0.04	34.07	ppb
Titanium	47-1	0.04	-0.02	0.01	0.01	316.67	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	75.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.22	8.40	8.45	8.36	1.44	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	140.46	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	393.85	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:53:34 DataFile Name : 097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2008.88	2094.80	2045.24	2049.64	2.10	ppb
Antimony	121-1	109.80	113.49	109.09	110.79	2.13	ppb
Arsenic	75-2	111.09	120.78	118.20	116.69	4.30	ppb
Barium	135-1	563.18	577.55	552.89	564.54	2.19	ppb
Barium	137-1	561.00	574.74	550.17	561.97	2.19	ppb
Beryllium	9-1	110.24	114.40	111.30	111.98	1.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	204.60	215.42	214.57	211.53	2.84	ppb
Boron	11-1	213.14	231.14	225.53	223.27	4.13	ppb
Cadmium	111-1	104.35	106.45	101.78	104.19	2.25	ppb
Cadmium	106-1	99.64	105.93	103.47	103.01	3.08	ppb
Cadmium	108-1	101.83	107.64	102.42	103.96	3.08	ppb
Calcium	43-1	21062.33	21163.55	20817.07	21014.31	0.85	ppb
Calcium	44-1	20837.20	21506.54	20982.42	21108.72	1.67	ppb
Chromium	52-2	494.58	505.42	501.80	500.60	1.10	ppb
Cobalt	59-2	123.33	126.58	125.97	125.29	1.38	ppb
Copper	63-2	240.48	250.01	246.93	245.81	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	5294.94	5456.77	5383.46	5378.39	1.51	ppb
Iron	57-2	5537.78	5674.14	5605.22	5605.71	1.22	ppb
Krypton	83-1						cps
Lead	206-1	110.99	110.31	109.24	110.18	0.80	ppb
Lead	207-1	107.79	109.10	108.00	108.30	0.65	ppb
Lead	208-1	109.23	109.71	107.94	108.96	0.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	12689.82	13117.61	13179.67	12995.70	2.05	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:53:34	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.58	506.82	501.08	501.16	1.12	ppb
Molybdenum	94-1	468.72	476.42	466.72	470.62	1.09	ppb
Molybdenum	95-1	446.75	452.70	444.97	448.14	0.90	ppb
Molybdenum	96-1	449.88	458.99	450.78	453.22	1.11	ppb
Molybdenum	97-1	456.84	465.52	460.72	461.02	0.94	ppb
Molybdenum	98-1	442.03	451.79	440.34	444.72	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.88	129.19	127.52	126.53	2.58	ppb
Phosphorus	31-2	-38.24	-41.28	-60.09	-46.53		ppb
Potassium	39-2	5574.84	5801.39	5714.57	5696.93	2.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	106.36	103.96	105.34	105.22	1.14	ppb
Selenium	78-2	111.55	110.08	112.98	111.54	1.30	ppb
Selenium	82-1	107.26	111.21	109.41	109.29	1.81	ppb
Silicon	28-1	759.64	785.98	764.56	770.06	1.82	ppb
Silver	109-1	104.19	106.65	103.63	104.82	1.53	ppb
Silver	107-1	103.12	104.84	103.03	103.66	0.99	ppb
Sodium	23-2	38008.63	39198.61	38963.04	38723.43	1.63	ppb
Strontium	86-1	135.80	137.70	135.46	136.32	0.89	ppb
Strontium	88-1	132.66	134.90	132.05	133.20	1.13	ppb
Sulfur	34-1	4310.51	4252.68	3817.10	4126.77	6.54	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	105.02	104.62	103.83	104.49	0.58	ppb
Thallium	205-1	104.30	105.51	103.26	104.36	1.08	ppb
Thorium	232-1	0.05	0.04	0.05	0.04	14.59	ppb
Tin	118-1	110.31	111.75	108.31	110.13	1.57	ppb
Titanium	47-1	443.63	456.05	447.08	448.92	1.43	ppb
Uranium	238-1	99.84	101.08	98.42	99.78	1.33	ppb
Vanadium	51-2	114.07	116.01	116.69	115.59	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:53:34	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.67	234.55	229.77	229.99	1.93	ppb
Zirconium	90-1	100.14	101.46	99.35	100.32	1.06	ppb
Zirconium	91-1	103.62	106.38	102.11	104.03	2.08	ppb

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05ADLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619ADL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:57:10 DataFile Name : 098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2036.56	1992.83	2028.55	2019.31	1.15	ppb
Antimony	121-1	112.06	110.53	110.61	111.07	0.77	ppb
Arsenic	75-2	114.78	114.00	113.73	114.17	0.48	ppb
Barium	135-1	568.34	570.12	560.09	566.18	0.94	ppb
Barium	137-1	565.62	556.56	557.80	559.99	0.88	ppb
Beryllium	9-1	111.58	111.31	112.53	111.81	0.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	10-1	211.97	223.80	218.91	218.22	2.72	ppb
Boron	11-1	227.80	229.46	232.90	230.05	1.13	ppb
Cadmium	111-1	103.56	103.45	102.81	103.27	0.39	ppb
Cadmium	106-1	100.38	100.21	100.55	100.38	0.17	ppb
Cadmium	108-1	105.63	103.32	101.70	103.55	1.91	ppb
Calcium	43-1	21526.33	21449.49	21346.54	21440.79	0.42	ppb
Calcium	44-1	21278.31	21380.74	21119.90	21259.65	0.62	ppb
Chromium	52-2	498.74	494.44	500.76	497.98	0.65	ppb
Cobalt	59-2	123.74	123.16	124.40	123.76	0.50	ppb
Copper	63-2	243.76	239.10	242.80	241.89	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	5304.69	5302.21	5292.91	5299.94	0.12	ppb
Iron	57-2	5580.74	5479.56	5522.02	5527.44	0.92	ppb
Krypton	83-1						cps
Lead	206-1	111.46	110.06	109.77	110.43	0.82	ppb
Lead	207-1	110.28	108.28	107.49	108.68	1.32	ppb
Lead	208-1	109.94	109.05	108.26	109.08	0.77	ppb
Lithium	6-1				84		%
Magnesium	24-2	12927.59	12775.34	12852.03	12851.65	0.59	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:57:10	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.76	495.02	495.88	495.55	0.09	ppb
Molybdenum	94-1	482.51	472.58	473.01	476.03	1.18	ppb
Molybdenum	95-1	458.28	452.50	452.13	454.30	0.76	ppb
Molybdenum	96-1	462.48	456.37	450.92	456.59	1.27	ppb
Molybdenum	97-1	472.88	465.92	461.58	466.79	1.22	ppb
Molybdenum	98-1	453.01	449.64	445.90	449.52	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.09	124.54	125.73	125.46	0.65	ppb
Phosphorus	31-2	-59.89	-52.62	-57.39	-56.63		ppb
Potassium	39-2	5613.67	5606.29	5610.98	5610.31	0.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	94.44	118.42	84.36	99.07	17.66	ppb
Selenium	78-2	107.86	104.98	113.44	108.76	3.96	ppb
Selenium	82-1	112.49	109.31	110.22	110.68	1.48	ppb
Silicon	28-1	760.75	770.62	751.33	760.90	1.27	ppb
Silver	109-1	104.22	103.28	102.85	103.45	0.68	ppb
Silver	107-1	105.62	103.68	103.52	104.28	1.12	ppb
Sodium	23-2	39024.23	37976.54	38724.46	38575.08	1.40	ppb
Strontium	86-1	138.85	137.51	136.22	137.52	0.95	ppb
Strontium	88-1	137.09	135.39	134.12	135.53	1.10	ppb
Sulfur	34-1	3728.45	3714.94	3462.71	3635.37	4.12	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	103.41	102.51	102.33	102.75	0.56	ppb
Thallium	205-1	104.83	103.29	104.73	104.28	0.82	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	22.18	ppb
Tin	118-1	112.75	110.82	109.53	111.03	1.46	ppb
Titanium	47-1	450.65	452.99	443.42	449.02	1.11	ppb
Uranium	238-1	99.80	100.98	99.90	100.22	0.65	ppb
Vanadium	51-2	114.58	113.95	116.47	115.00	1.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:57:10	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	226.69	229.42	229.57	228.56	0.71	ppb
Zirconium	90-1	102.04	101.51	100.66	101.40	0.69	ppb
Zirconium	91-1	105.44	105.36	103.91	104.90	0.82	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:05:19	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50902.99	50966.73	50756.99	50875.57	0.21	ppb
Antimony	121-1	504.23	511.11	499.07	504.81	1.20	ppb
Arsenic	75-2	507.14	504.12	509.52	506.93	0.53	ppb
Barium	135-1	2520.49	2546.09	2514.36	2526.98	0.67	ppb
Barium	137-1	2538.75	2597.48	2547.95	2561.39	1.23	ppb
Beryllium	9-1	502.44	507.85	501.16	503.82	0.70	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	503.53	503.36	513.39	506.76	1.13	ppb
Boron	11-1	514.24	525.14	529.07	522.82	1.47	ppb
Cadmium	111-1	501.17	508.14	495.19	501.50	1.29	ppb
Cadmium	106-1	510.52	521.29	497.77	509.86	2.31	ppb
Cadmium	108-1	502.34	514.43	512.81	509.86	1.29	ppb
Calcium	43-1	237354.06	235937.98	235726.32	236339.45	0.37	ppb
Calcium	44-1	236320.46	238430.60	235376.86	236709.31	0.66	ppb
Chromium	52-2	535.92	543.07	538.62	539.20	0.67	ppb
Cobalt	59-2	542.47	554.50	551.08	549.35	1.13	ppb
Copper	63-2	1005.72	1018.36	1009.75	1011.28	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	124221.17	125070.80	124519.93	124603.97	0.35	ppb
Iron	57-2	124214.50	124478.63	123615.39	124102.84	0.36	ppb
Krypton	83-1						cps
Lead	206-1	520.37	513.54	514.57	516.16	0.71	ppb
Lead	207-1	526.86	519.93	516.65	521.15	1.00	ppb
Lead	208-1	528.15	522.59	519.76	523.50	0.82	ppb
Lithium	6-1				85		%
Magnesium	24-2	246533.45	245563.48	243677.33	245258.09	0.59	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:05:19	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.62	1064.58	1065.07	1060.43	0.72	ppb
Molybdenum	94-1	2597.63	2590.42	2578.18	2588.75	0.38	ppb
Molybdenum	95-1	2597.74	2582.12	2573.95	2584.60	0.47	ppb
Molybdenum	96-1	2573.42	2574.69	2574.65	2574.25	0.03	ppb
Molybdenum	97-1	2583.58	2586.55	2577.49	2582.54	0.18	ppb
Molybdenum	98-1	2587.65	2580.86	2547.96	2572.16	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.77	535.52	531.02	531.44	0.73	ppb
Phosphorus	31-2	9693.48	9734.62	9736.55	9721.55	0.25	ppb
Potassium	39-2	120383.54	121117.07	119520.84	120340.48	0.66	ppb
Rhodium	103-1				84		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	489.13	444.12	443.66	458.97	5.69	ppb
Selenium	78-2	480.95	481.04	485.55	482.52	0.54	ppb
Selenium	82-1	477.39	490.18	476.86	481.48	1.57	ppb
Silicon	28-1	445.46	481.99	490.99	472.82	5.10	ppb
Silver	109-1	499.39	504.93	493.43	499.25	1.15	ppb
Silver	107-1	496.95	501.58	497.69	498.74	0.50	ppb
Sodium	23-2	247710.45	244382.89	244210.76	245434.70	0.80	ppb
Strontium	86-1	524.89	523.52	520.49	522.97	0.43	ppb
Strontium	88-1	523.91	521.40	518.08	521.13	0.56	ppb
Sulfur	34-1	10819.61	10976.35	10660.30	10818.75	1.46	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	516.88	512.46	504.58	511.31	1.22	ppb
Thallium	205-1	528.07	531.13	523.02	527.40	0.78	ppb
Thorium	232-1	539.71	541.77	535.93	539.13	0.55	ppb
Tin	118-1	504.85	510.88	499.76	505.16	1.10	ppb
Titanium	47-1	2489.87	2527.64	2480.27	2499.26	1.00	ppb
Uranium	238-1	531.39	531.62	526.42	529.81	0.55	ppb
Vanadium	51-2	538.26	542.79	539.82	540.29	0.43	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:05:19	DataFile Name :	100CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	975.81	993.74	983.05	984.20	0.92	ppb
Zirconium	90-1	519.05	517.53	515.84	517.47	0.31	ppb
Zirconium	91-1	522.47	526.11	518.45	522.35	0.73	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.34	1.50	0.64	1.49	57.06	ppb
Antimony	121-1	0.51	0.48	0.37	0.45	16.57	ppb
Arsenic	75-2	0.04	0.04	0.09	0.06	46.62	ppb
Barium	135-1	0.18	0.30	0.11	0.20	48.76	ppb
Barium	137-1	0.19	0.14	0.23	0.19	24.54	ppb
Beryllium	9-1	0.16	0.14	0.15	0.15	5.31	ppb
Bismuth	209-1				68		%
Bismuth	209-2				69		%
Boron	10-1	39.62	41.82	39.77	40.40	3.05	ppb
Boron	11-1	43.54	42.59	39.03	41.72	5.70	ppb
Cadmium	111-1	-0.03	0.04	0.12	0.04	176.58	ppb
Cadmium	106-1	-1.49	-0.70	0.95	-0.41		ppb
Cadmium	108-1	-0.10	-0.10	0.01	-0.06		ppb
Calcium	43-1	25.80	15.94	13.85	18.53	34.45	ppb
Calcium	44-1	40.44	33.33	30.02	34.60	15.39	ppb
Chromium	52-2	0.09	0.17	0.20	0.15	37.24	ppb
Cobalt	59-2	0.02	-0.01	0.02	0.01	132.33	ppb
Copper	63-2	0.26	0.16	0.21	0.21	22.32	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				71		%
Holmium	165-2				75		%
Indium	115-1				74		%
Indium	115-2				76		%
Iron	56-2	6.59	6.82	7.08	6.83	3.56	ppb
Iron	57-2	8.80	10.73	11.28	10.27	12.71	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.27	0.22	0.27	20.46	ppb
Lead	207-1	0.31	0.27	0.31	0.30	7.03	ppb
Lead	208-1	0.32	0.25	0.27	0.28	13.51	ppb
Lithium	6-1				61		%
Magnesium	24-2	12.24	12.56	11.51	12.10	4.46	ppb

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.08	0.03	0.05	52.30	ppb
Molybdenum	94-1	0.64	0.46	0.51	0.53	17.54	ppb
Molybdenum	95-1	0.70	0.48	0.62	0.60	18.64	ppb
Molybdenum	96-1	0.74	0.88	0.54	0.72	23.82	ppb
Molybdenum	97-1	0.73	0.60	0.53	0.62	16.03	ppb
Molybdenum	98-1	0.61	0.68	0.51	0.60	14.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.09	0.06	43.04	ppb
Phosphorus	31-2	-65.57	-47.38	-39.24	-50.73		ppb
Potassium	39-2	81.35	99.39	93.88	91.54	10.10	ppb
Rhodium	103-1				68		%
Rhodium	103-2				77		%
Scandium	45-1				67		%
Scandium	45-2				70		%
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	1.83	1.56	1.53	1.64	10.02	ppb
Selenium	82-1	-0.72	1.10	-0.55	-0.06		ppb
Silicon	28-1	11.22	8.38	7.64	9.08	20.82	ppb
Silver	109-1	0.21	0.13	0.13	0.15	30.21	ppb
Silver	107-1	0.24	0.19	0.14	0.19	27.53	ppb
Sodium	23-2	98.23	109.24	103.00	103.49	5.33	ppb
Strontium	86-1	0.19	0.22	0.06	0.16	53.51	ppb
Strontium	88-1	0.03	0.01	0.02	0.02	47.17	ppb
Sulfur	34-1	2977.21	2785.90	2579.69	2780.93	7.15	ppb
Terbium	159-1				70		%
Terbium	159-2				75		%
Thallium	203-1	0.24	0.19	0.17	0.20	18.58	ppb
Thallium	205-1	0.25	0.19	0.18	0.20	19.10	ppb
Thorium	232-1	0.09	0.08	0.07	0.08	13.36	ppb
Tin	118-1	0.14	0.15	0.15	0.15	3.23	ppb
Titanium	47-1	0.29	0.34	0.19	0.28	27.87	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	25.92	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	47.00	ppb
Yttrium	89-1				69		%
Yttrium	89-2				75		%

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.08	0.15	0.12	32.01	ppb
Zirconium	90-1	0.08	0.06	0.03	0.06	44.22	ppb
Zirconium	91-1	0.10	0.07	0.04	0.07	39.83	ppb

LB Number :	LB103824	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	75-2	2	7	4	4	65.54	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 :	LB103824	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 :	LB103824	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 :	LB103824	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
Aluminium	27-2	1200	1408	1250	1286	8.46	cps
Antimony	121-1	5201	5168	4801	5057	4.39	cps
Arsenic	75-2	144	154	133	144	7.09	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	6529	6618	6633	6594	0.85	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	16141	16370	15837	16116	1.66	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	31504	33017	32603	32375	2.41	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	66455	66659	67122	66745	0.51	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 :	LB103824	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 :	LB103824	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 :	LB103824	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
Aluminium	27-2	1184001	1197434	1191688	1191041	0.57	cps
Antimony	121-1	2621926	2613542	2601146	2612205	0.40	cps
Arsenic	75-2	131359	133265	133484	132702	0.88	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	185	167	215	189	12.86	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	26070	26190	26448	26236	0.74	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	7	15	11	11	33.30	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	74	72	67	71	5.43	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	2747	2785	2652	2728	2.51	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	70803	73421	73620	72615	2.17	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	146	167	124	146	14.62	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	6	6	4	5	21.74	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	130	120	144	131	9.24	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	0	2	4	2	100.00	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	72299	72202	73067	72523	0.65	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	24	33	19	25	29.57	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	20	11	7	13	51.50	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	13	7	11	10	26.93	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	6	7	4	6	33.38	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	110463	110764	110885	110704	0.20	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	107344	109770	109342	108819	1.19	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 : LB103824 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 :	LB103824	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 : LB103824 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	75-2	108587	106322	107499	107469	1.05	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 : LB103824 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 :	LB103824	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 : LB103824 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	75-2	73497	75340	73817	74218	1.33	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	17	28	15	20	35.50	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	165	156	148	156	5.35	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	20	22	11	18	33.25	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 : LB103824 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 :	LB103824	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 :	LB103824	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	75-2	9	0	4	4	107.89	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	4	4	4	4	0.00	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	7	6	6	6	17.29	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	76323	77028	76738	76696	0.46	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 :	LB103824	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 :	LB103824	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 :	LB103824	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	75-2	154	161	146	154	4.82	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 :	LB103824	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 :	LB103824	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 : LB103824 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	75-2	7	13	7	9	34.60	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 :	LB103824	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 :	LB103824	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

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	217	342	283	22.20	cps
Antimony	121-1	8803	8845	9245	8964	2.72	cps
Arsenic	75-2	63	63	87	71	19.58	cps
Barium	135-1	18688	19214	18964	18955	1.39	cps
Barium	137-1	31687	33291	31988	32322	2.64	cps
Beryllium	9-1	77	77	57	70	16.49	cps
Bismuth	209-1	1923729	1950301	1963371	1945800	1.04	cps
Bismuth	209-2	1103840	1126907	1137953	1122900	1.55	cps
Boron	10-1	3225	2909	3075	3070	5.16	cps
Boron	11-1	14950	14958	15217	15041	1.01	cps
Cadmium	111-1	1236	1220	1079	1178	7.32	cps
Cadmium	106-1	1267	1217	1133	1206	5.59	cps
Cadmium	108-1	38	46	21	35	36.66	cps
Calcium	43-1	1225996	1230869	1203190	1220019	1.21	cps
Calcium	44-1	19834637	19892492	19596165	19774431	0.79	cps
Chromium	52-2	3904	3741	3827	3824	2.14	cps
Cobalt	59-2	150	163	153	156	4.46	cps
Copper	63-2	6652	6452	6311	6472	2.64	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	17	0	17	11	86.60	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	63	47	30	47	35.71	cps
Holmium	165-1	3461531	3534774	3569844	3522050	1.57	cps
Holmium	165-2	1867923	1858951	1884763	1870546	0.70	cps
Indium	115-1	2741878	2803096	2787018	2777330	1.14	cps
Indium	115-2	633885	639245	642499	638543	0.68	cps
Iron	56-2	11566	11355	11294	11405	1.25	cps
Iron	57-2	9231	10104	10282	9872	5.70	cps
Krypton	83-1	173	167	153	164	6.19	cps
Lead	206-1	17056	16655	14536	16082	8.42	cps
Lead	207-1	14542	13624	11933	13366	9.90	cps
Lead	208-1	67569	64702	55697	62656	9.89	cps
Lithium	6-1	2116371	2071402	2014768	2067513	2.46	cps
Magnesium	24-2	1107683	1108001	1112865	1109516	0.26	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323	293	363	327	10.75	cps
Molybdenum	94-1	400	367	392	386	4.49	cps
Molybdenum	95-1	283	425	267	325	26.77	cps
Molybdenum	96-1	283	425	367	358	19.87	cps
Molybdenum	97-1	292	317	250	286	11.77	cps
Molybdenum	98-1	500	392	458	450	12.14	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	396	368	386	383	3.70	cps
Phosphorus	31-2	175	158	167	167	5.00	cps
Potassium	39-2	116504	115657	113944	115368	1.13	cps
Rhodium	103-1	2761465	2794945	2792483	2782964	0.67	cps
Rhodium	103-2	1422937	1431893	1445773	1433534	0.80	cps
Scandium	45-1	3323570	3314853	3283261	3307228	0.64	cps
Scandium	45-2	183100	180477	180356	181311	0.85	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	44	63	22	43	47.21	cps
Selenium	82-1	19	16	53	29	69.35	cps
Silicon	28-1	12204851	12292982	12065213	12187682	0.94	cps
Silver	109-1	6435	6410	5493	6113	8.78	cps
Silver	107-1	7260	7002	5718	6660	12.40	cps
Sodium	23-2	594616	593651	609287	599185	1.46	cps
Strontium	86-1	545012	546696	545503	545737	0.16	cps
Strontium	88-1	4674034	4737216	4719983	4710411	0.69	cps
Sulfur	34-1	327793	324574	314276	322214	2.19	cps
Terbium	159-1	3741716	3735708	3759797	3745740	0.33	cps
Terbium	159-2	1928118	1931493	1946803	1935472	0.51	cps
Thallium	203-1	5493	3134	2700	3776	39.80	cps
Thallium	205-1	13099	8645	5626	9123	41.20	cps
Thorium	232-1	200	156	272	209	28.14	cps
Tin	118-1	3251	3659	4017	3642	10.54	cps
Titanium	47-1	417	525	400	447	15.18	cps
Uranium	238-1	3159	3426	3276	3287	4.07	cps
Vanadium	51-2	493	490	447	477	5.46	cps
Yttrium	89-1	3728648	3823179	3773814	3775214	1.25	cps
Yttrium	89-2	638982	642068	649034	643361	0.80	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-02	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:41:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1827	2017	1927	1923	4.94	cps
Zirconium	90-1	483	425	517	475	9.77	cps
Zirconium	91-1	158	100	158	139	24.25	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	325	358	317	14.65	cps
Antimony	121-1	8136	8328	8136	8200	1.35	cps
Arsenic	75-2	87	87	87	87	0.00	cps
Barium	135-1	18338	18838	17912	18363	2.53	cps
Barium	137-1	32364	32247	31879	32163	0.79	cps
Beryllium	9-1	47	40	87	58	43.68	cps
Bismuth	209-1	1951871	1959718	1918661	1943417	1.12	cps
Bismuth	209-2	1081304	1088269	1125895	1098489	2.18	cps
Boron	10-1	2709	2359	2575	2548	6.94	cps
Boron	11-1	12831	12147	11847	12275	4.11	cps
Cadmium	111-1	870	815	630	772	16.30	cps
Cadmium	106-1	1108	1092	817	1006	16.29	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	1152004	1136430	1145082	1144505	0.68	cps
Calcium	44-1	18839106	18847014	18721901	18802674	0.37	cps
Chromium	52-2	3510	3607	3664	3594	2.16	cps
Cobalt	59-2	150	167	147	154	6.94	cps
Copper	63-2	4341	4141	4214	4232	2.39	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	33	0	25	19	89.21	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	60	53	53	56	6.93	cps
Holmium	165-1	3446952	3510650	3472030	3476544	0.92	cps
Holmium	165-2	1807243	1805207	1876010	1829487	2.20	cps
Indium	115-1	2676352	2703935	2675039	2685109	0.61	cps
Indium	115-2	589440	602638	618218	603432	2.39	cps
Iron	56-2	9059	9809	9426	9431	3.98	cps
Iron	57-2	9292	9164	8647	9034	3.78	cps
Krypton	83-1	197	150	153	167	15.62	cps
Lead	206-1	7452	7491	7185	7376	2.26	cps
Lead	207-1	5957	5974	5985	5972	0.23	cps
Lead	208-1	28774	28352	27868	28331	1.60	cps
Lithium	6-1	1684716	1655845	1584487	1641683	3.14	cps
Magnesium	24-2	1061093	1074288	1057232	1064204	0.84	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	487	570	530	529	7.88	cps
Molybdenum	94-1	258	325	325	303	12.71	cps
Molybdenum	95-1	192	342	275	269	27.89	cps
Molybdenum	96-1	292	325	333	317	6.96	cps
Molybdenum	97-1	208	242	275	242	13.79	cps
Molybdenum	98-1	333	483	333	383	22.59	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	387	319	369	358	9.82	cps
Phosphorus	31-2	167	175	108	150	24.22	cps
Potassium	39-2	102687	100809	99674	101057	1.51	cps
Rhodium	103-1	2654000	2729671	2685758	2689810	1.41	cps
Rhodium	103-2	1338747	1374399	1396084	1369743	2.11	cps
Scandium	45-1	3066050	3091187	3010488	3055908	1.35	cps
Scandium	45-2	167481	165027	170217	167575	1.55	cps
Selenium	77-2	0	13	13	9	86.60	cps
Selenium	78-2	44	35	28	36	23.31	cps
Selenium	82-1	-35	24	-9	-7	-449.28	cps
Silicon	28-1	11268031	11246517	11073774	11196107	0.95	cps
Silver	109-1	1325	1383	1267	1325	4.40	cps
Silver	107-1	1617	1517	1208	1447	14.71	cps
Sodium	23-2	573145	579088	570854	574362	0.74	cps
Strontium	86-1	548706	531792	530519	537006	1.89	cps
Strontium	88-1	4700313	4654513	4649054	4667960	0.60	cps
Sulfur	34-1	310114	304037	301867	305340	1.40	cps
Terbium	159-1	3702808	3706458	3677135	3695467	0.43	cps
Terbium	159-2	1843292	1865008	1912402	1873567	1.89	cps
Thallium	203-1	275	308	317	300	7.35	cps
Thallium	205-1	933	650	792	792	17.90	cps
Thorium	232-1	172	217	150	180	18.89	cps
Tin	118-1	2750	2642	2609	2667	2.78	cps
Titanium	47-1	267	275	400	314	23.80	cps
Uranium	238-1	3067	3159	3067	3098	1.71	cps
Vanadium	51-2	590	580	607	592	2.27	cps
Yttrium	89-1	3643749	3644763	3576086	3621533	1.09	cps
Yttrium	89-2	595557	600735	614789	603694	1.65	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-03	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW4-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:44:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1833	1850	1817	1833	0.91	cps
Zirconium	90-1	558	508	467	511	8.98	cps
Zirconium	91-1	117	117	117	117	0.00	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3519-04 Instrumnet Name : P7
 Client Sample ID : SP-19-LF2MW1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 15:48:23 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	933	1000	989	5.15	cps
Antimony	121-1	6118	6635	7010	6588	6.80	cps
Arsenic	75-2	54	83	87	75	24.46	cps
Barium	135-1	41680	42666	41538	41961	1.46	cps
Barium	137-1	72734	72514	71602	72283	0.83	cps
Beryllium	9-1	80	77	53	70	20.76	cps
Bismuth	209-1	1962804	1977047	1981467	1973772	0.49	cps
Bismuth	209-2	1122662	1143285	1141646	1135864	1.01	cps
Boron	10-1	8428	8111	7861	8133	3.49	cps
Boron	11-1	38609	39152	39252	39004	0.89	cps
Cadmium	111-1	780	669	854	768	12.13	cps
Cadmium	106-1	1058	908	1142	1036	11.41	cps
Cadmium	108-1	21	0	17	13	88.19	cps
Calcium	43-1	1484099	1471294	1464688	1473361	0.67	cps
Calcium	44-1	23888544	24066040	24156065	24036883	0.57	cps
Chromium	52-2	3140	3007	3067	3071	2.17	cps
Cobalt	59-2	267	273	253	264	3.85	cps
Copper	63-2	3834	3854	3921	3869	1.17	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	23	7	17	16	53.90	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	75	33	67	58	37.80	cps
Gadolinium	160-2	53	73	60	62	16.37	cps
Holmium	165-1	3494591	3584549	3602297	3560479	1.62	cps
Holmium	165-2	1878896	1903580	1890477	1890985	0.65	cps
Indium	115-1	2687721	2712607	2724749	2708359	0.70	cps
Indium	115-2	603323	618638	621096	614352	1.57	cps
Iron	56-2	40857	41035	40139	40677	1.17	cps
Iron	57-2	12089	12467	11844	12133	2.59	cps
Krypton	83-1	150	220	133	168	27.41	cps
Lead	206-1	6163	5835	6202	6066	3.32	cps
Lead	207-1	4962	4868	5029	4953	1.64	cps
Lead	208-1	23742	22786	23381	23303	2.07	cps
Lithium	6-1	1465477	1464552	1441431	1457153	0.93	cps
Magnesium	24-2	1871926	1888442	1869249	1876539	0.55	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-04	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:48:23	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2944	2677	2787	2803	4.78	cps
Molybdenum	94-1	233	233	350	272	24.75	cps
Molybdenum	95-1	225	217	208	217	3.85	cps
Molybdenum	96-1	275	225	275	258	11.17	cps
Molybdenum	97-1	175	208	142	175	19.05	cps
Molybdenum	98-1	342	367	333	347	5.00	cps
Neodymium	150-1	53	27	13	31	65.48	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	360	414	413	396	7.85	cps
Phosphorus	31-2	125	158	158	147	13.07	cps
Potassium	39-2	242449	243602	245485	243845	0.63	cps
Rhodium	103-1	2650757	2677216	2715696	2681223	1.22	cps
Rhodium	103-2	1379489	1398852	1410586	1396309	1.12	cps
Scandium	45-1	2987946	3033956	3024716	3015539	0.81	cps
Scandium	45-2	168773	169855	168018	168882	0.55	cps
Selenium	77-2	17	3	20	13	66.16	cps
Selenium	78-2	39	35	46	40	14.10	cps
Selenium	82-1	29	-56	30	1	5228.50	cps
Silicon	28-1	16008481	15992427	16079903	16026937	0.29	cps
Silver	109-1	725	792	775	764	4.54	cps
Silver	107-1	900	867	758	842	8.80	cps
Sodium	23-2	1394210	1411344	1404763	1403439	0.62	cps
Strontium	86-1	925905	928430	930631	928322	0.25	cps
Strontium	88-1	8129952	8131404	8252130	8171162	0.86	cps
Sulfur	34-1	348271	345085	345421	346259	0.51	cps
Terbium	159-1	3730037	3798336	3829984	3786119	1.35	cps
Terbium	159-2	1921986	1947136	1939359	1936160	0.67	cps
Thallium	203-1	183	200	83	156	40.56	cps
Thallium	205-1	358	267	375	333	17.50	cps
Thorium	232-1	167	228	222	206	16.44	cps
Tin	118-1	1650	1900	1867	1806	7.52	cps
Titanium	47-1	525	550	608	561	7.62	cps
Uranium	238-1	5543	5293	5718	5518	3.87	cps
Vanadium	51-2	677	737	707	707	4.25	cps
Yttrium	89-1	3564203	3617503	3680278	3620662	1.60	cps
Yttrium	89-2	603872	611383	615581	610279	0.97	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-04	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:48:23	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2157	2387	2380	2308	5.67	cps
Zirconium	90-1	425	658	517	533	22.04	cps
Zirconium	91-1	92	92	158	114	33.80	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6810	6618	7152	6860	3.94	cps
Antimony	121-1	7069	7019	6977	7021	0.65	cps
Arsenic	75-2	87	96	80	88	9.53	cps
Barium	135-1	143782	141903	142281	142655	0.70	cps
Barium	137-1	248515	246973	244654	246714	0.79	cps
Beryllium	9-1	67	100	80	82	20.40	cps
Bismuth	209-1	1961697	2118802	2195763	2092087	5.70	cps
Bismuth	209-2	1194343	1020922	131735	782333	72.87	cps
Boron	10-1	5026	4868	4926	4940	1.62	cps
Boron	11-1	23861	23460	23336	23552	1.17	cps
Cadmium	111-1	758	811	757	776	3.99	cps
Cadmium	106-1	967	1050	1017	1011	4.15	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	1324732	1315414	1319091	1319746	0.36	cps
Calcium	44-1	21534194	21465438	21684984	21561539	0.52	cps
Chromium	52-2	120696	123485	125539	123240	1.97	cps
Cobalt	59-2	4254	4501	4451	4402	2.96	cps
Copper	63-2	7519	7569	7876	7654	2.52	cps
Dysprosium	156-1	217	250	192	219	13.33	cps
Dysprosium	156-2	87	123	170	127	32.97	cps
Erbium	164-1	192	83	133	136	39.84	cps
Erbium	164-2	93	100	100	98	3.93	cps
Gadolinium	160-1	183	183	200	189	5.10	cps
Gadolinium	160-2	150	113	93	119	24.17	cps
Holmium	165-1	3486117	3849761	3953506	3763128	6.52	cps
Holmium	165-2	1966673	1686519	221102	1291431	72.59	cps
Indium	115-1	2625591	2886898	2942038	2818175	6.00	cps
Indium	115-2	624762	538383	70788	411311	72.46	cps
Iron	56-2	592445	605270	618545	605420	2.16	cps
Iron	57-2	25105	25200	25868	25391	1.64	cps
Krypton	83-1	203	157	143	168	18.78	cps
Lead	206-1	5913	5451	5790	5718	4.18	cps
Lead	207-1	4695	5140	4757	4864	4.95	cps
Lead	208-1	22597	22236	21468	22100	2.61	cps
Lithium	6-1	1377910	1439081	1449991	1422327	2.73	cps
Magnesium	24-2	2080562	2149965	2233550	2154692	3.56	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	315543	321554	330855	322650	2.39	cps
Molybdenum	94-1	2209	2142	2284	2211	3.21	cps
Molybdenum	95-1	3534	3759	3476	3589	4.17	cps
Molybdenum	96-1	3826	3892	3617	3778	3.80	cps
Molybdenum	97-1	2050	2325	2159	2178	6.36	cps
Molybdenum	98-1	5576	5626	5518	5574	0.97	cps
Neodymium	150-1	400	340	327	356	10.99	cps
Neodymium	150-2	97	143	140	127	20.55	cps
Nickel	60-2	19994	20383	20863	20413	2.13	cps
Phosphorus	31-2	142	183	108	144	26.01	cps
Potassium	39-2	183015	187596	190998	187203	2.14	cps
Rhodium	103-1	2602705	2857309	2929525	2796513	6.14	cps
Rhodium	103-2	1432775	1239379	163107	945087	72.38	cps
Scandium	45-1	2881195	3168293	3236803	3095430	6.10	cps
Scandium	45-2	167228	146577	21391	111732	70.63	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	39	44	33	39	14.29	cps
Selenium	82-1	-51	3	10	-13	-256.57	cps
Silicon	28-1	14426511	14337656	14410698	14391622	0.33	cps
Silver	109-1	683	592	608	628	7.78	cps
Silver	107-1	692	608	600	633	8.00	cps
Sodium	23-2	1652858	1679385	1738121	1690121	2.58	cps
Strontium	86-1	778046	772547	772559	774384	0.41	cps
Strontium	88-1	6789753	6874301	6786869	6816974	0.73	cps
Sulfur	34-1	334060	329011	328203	330425	0.96	cps
Terbium	159-1	3707600	4051184	4114388	3957724	5.53	cps
Terbium	159-2	2024946	1722609	229530	1325695	72.51	cps
Thallium	203-1	92	92	108	97	9.90	cps
Thallium	205-1	217	275	258	250	12.02	cps
Thorium	232-1	1945	1895	2117	1985	5.87	cps
Tin	118-1	1975	2100	1909	1995	4.88	cps
Titanium	47-1	1717	1692	1850	1753	4.86	cps
Uranium	238-1	6052	5852	5585	5829	4.02	cps
Vanadium	51-2	2047	2000	2147	2065	3.63	cps
Yttrium	89-1	3515375	3862140	3905119	3760878	5.68	cps
Yttrium	89-2	617125	533982	67895	406334	72.85	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-08	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0801B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:51:59	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2220	2304	2157	2227	3.30	cps
Zirconium	90-1	650	717	775	714	8.76	cps
Zirconium	91-1	150	192	183	175	12.60	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2792	2734	2667	2731	2.29	cps
Antimony	121-1	5626	5893	5801	5774	2.35	cps
Arsenic	75-2	91	56	80	75	23.88	cps
Barium	135-1	13824	12940	12923	13229	3.90	cps
Barium	137-1	23396	22327	22895	22872	2.34	cps
Beryllium	9-1	93	77	73	81	13.21	cps
Bismuth	209-1	2035164	2020884	2060898	2038982	0.99	cps
Bismuth	209-2	1142592	1155868	1163580	1154013	0.92	cps
Boron	10-1	2409	2450	2667	2509	5.53	cps
Boron	11-1	11105	10896	10896	10966	1.10	cps
Cadmium	111-1	782	713	734	743	4.71	cps
Cadmium	106-1	1083	983	1033	1033	4.84	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	801977	801562	794905	799481	0.50	cps
Calcium	44-1	13154018	12984647	13060192	13066286	0.65	cps
Chromium	52-2	2744	2830	2794	2789	1.56	cps
Cobalt	59-2	263	263	263	263	0.00	cps
Copper	63-2	2984	2990	2980	2985	0.17	cps
Dysprosium	156-1	75	100	67	81	21.53	cps
Dysprosium	156-2	63	60	40	54	23.18	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	40	27	30	32	21.53	cps
Gadolinium	160-1	50	100	58	69	38.57	cps
Gadolinium	160-2	107	80	77	88	18.73	cps
Holmium	165-1	3577149	3543333	3664164	3594882	1.73	cps
Holmium	165-2	1886944	1875997	1872382	1878441	0.40	cps
Indium	115-1	2684769	2632036	2676165	2664323	1.06	cps
Indium	115-2	579253	585938	583037	582743	0.58	cps
Iron	56-2	79649	81593	80314	80518	1.23	cps
Iron	57-2	7569	7552	7741	7621	1.37	cps
Krypton	83-1	160	130	137	142	11.08	cps
Lead	206-1	4651	4606	4690	4649	0.90	cps
Lead	207-1	4017	3851	4012	3960	2.39	cps
Lead	208-1	18628	17861	18166	18218	2.12	cps
Lithium	6-1	1368730	1338509	1346919	1351386	1.15	cps
Magnesium	24-2	863340	869300	865630	866090	0.35	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2524	2534	2514	2524	0.40	cps
Molybdenum	94-1	258	317	400	325	21.91	cps
Molybdenum	95-1	200	300	342	281	25.95	cps
Molybdenum	96-1	358	308	308	325	8.88	cps
Molybdenum	97-1	158	242	267	222	25.53	cps
Molybdenum	98-1	342	358	325	342	4.88	cps
Neodymium	150-1	120	127	133	127	5.27	cps
Neodymium	150-2	73	50	47	57	25.64	cps
Nickel	60-2	343	363	409	372	9.18	cps
Phosphorus	31-2	133	117	158	136	15.41	cps
Potassium	39-2	79563	79287	81013	79954	1.16	cps
Rhodium	103-1	2659505	2635281	2639750	2644845	0.49	cps
Rhodium	103-2	1339443	1351667	1350322	1347144	0.50	cps
Scandium	45-1	2858847	2848572	2859221	2855547	0.21	cps
Scandium	45-2	150919	152274	149690	150961	0.86	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	44	31	37	38	17.27	cps
Selenium	82-1	-8	24	26	14	136.65	cps
Silicon	28-1	9751996	9535046	9698230	9661757	1.17	cps
Silver	109-1	492	592	517	533	9.76	cps
Silver	107-1	483	567	667	572	16.04	cps
Sodium	23-2	439919	438386	440703	439669	0.27	cps
Strontium	86-1	447479	430242	442092	439937	2.00	cps
Strontium	88-1	3862769	3814957	3912218	3863314	1.26	cps
Sulfur	34-1	276011	270565	274018	273531	1.01	cps
Terbium	159-1	3779819	3775138	3833111	3796023	0.85	cps
Terbium	159-2	1916361	1928931	1900618	1915303	0.74	cps
Thallium	203-1	92	83	117	97	17.84	cps
Thallium	205-1	200	142	217	186	21.16	cps
Thorium	232-1	144	295	144	194	44.55	cps
Tin	118-1	1875	1583	1525	1661	11.29	cps
Titanium	47-1	833	983	700	839	16.90	cps
Uranium	238-1	2650	2917	2584	2717	6.49	cps
Vanadium	51-2	1160	1027	1070	1086	6.27	cps
Yttrium	89-1	3516037	3453615	3559495	3509716	1.52	cps
Yttrium	89-2	564531	572873	564405	567269	0.86	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-09	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:55:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1974	2157	2254	2128	6.68	cps
Zirconium	90-1	700	567	575	614	12.17	cps
Zirconium	91-1	92	108	167	122	32.22	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5560	5651	5576	5596	0.87	cps
Antimony	121-1	10613	9645	10238	10165	4.80	cps
Arsenic	75-2	111	74	94	93	19.90	cps
Barium	135-1	80550	80894	79972	80472	0.58	cps
Barium	137-1	139580	141549	138031	139720	1.26	cps
Beryllium	9-1	70	97	80	82	16.39	cps
Bismuth	209-1	1991310	2027092	1967136	1995179	1.51	cps
Bismuth	209-2	1071786	1092297	1118939	1094341	2.16	cps
Boron	10-1	74954	76126	79024	76701	2.73	cps
Boron	11-1	352153	365455	365348	360985	2.12	cps
Cadmium	111-1	2032	2097	2027	2052	1.91	cps
Cadmium	106-1	1017	1158	967	1047	9.49	cps
Cadmium	108-1	96	79	83	86	10.07	cps
Calcium	43-1	851047	841908	838888	843948	0.75	cps
Calcium	44-1	13768291	13886770	13778908	13811323	0.47	cps
Chromium	52-2	2114857	2123951	2122099	2120302	0.23	cps
Cobalt	59-2	1093	1287	1057	1146	10.79	cps
Copper	63-2	11905	11878	12295	12026	1.94	cps
Dysprosium	156-1	500	383	308	397	24.32	cps
Dysprosium	156-2	267	287	277	277	3.61	cps
Erbium	164-1	417	450	375	414	9.08	cps
Erbium	164-2	220	163	250	211	20.85	cps
Gadolinium	160-1	567	483	475	508	9.97	cps
Gadolinium	160-2	363	300	313	326	10.26	cps
Holmium	165-1	3536010	3630564	3515095	3560556	1.73	cps
Holmium	165-2	1767819	1790048	1848085	1801984	2.30	cps
Indium	115-1	2548294	2607925	2516559	2557592	1.81	cps
Indium	115-2	533289	539090	557468	543282	2.32	cps
Iron	56-2	128133	127457	126442	127344	0.67	cps
Iron	57-2	8842	8586	8992	8807	2.33	cps
Krypton	83-1	133	143	133	137	4.22	cps
Lead	206-1	4262	4040	4156	4153	2.68	cps
Lead	207-1	3250	3562	3534	3449	4.99	cps
Lead	208-1	16810	15515	16399	16241	4.08	cps
Lithium	6-1	1355812	1368896	1313702	1346137	2.14	cps
Magnesium	24-2	1565170	1566370	1553971	1561837	0.44	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1253207	1255437	1263848	1257497	0.45	cps
Molybdenum	94-1	1867	1800	1767	1811	2.81	cps
Molybdenum	95-1	2625	2559	2617	2600	1.40	cps
Molybdenum	96-1	2567	2867	2909	2781	6.70	cps
Molybdenum	97-1	1775	1667	1400	1614	11.96	cps
Molybdenum	98-1	3792	4009	4201	4001	5.11	cps
Neodymium	150-1	653	627	667	649	3.14	cps
Neodymium	150-2	263	307	320	297	9.99	cps
Nickel	60-2	9773	9688	9972	9811	1.48	cps
Phosphorus	31-2	217	233	242	231	5.52	cps
Potassium	39-2	303436	306446	305980	305287	0.53	cps
Rhodium	103-1	2501083	2559002	2488633	2516239	1.49	cps
Rhodium	103-2	1229649	1249124	1289876	1256216	2.45	cps
Scandium	45-1	2745989	2788856	2689160	2741335	1.82	cps
Scandium	45-2	139493	139650	144412	141185	1.98	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	48	57	65	57	14.71	cps
Selenium	82-1	112	109	148	123	17.77	cps
Silicon	28-1	15249894	15239376	15240524	15243265	0.04	cps
Silver	109-1	375	567	542	494	21.07	cps
Silver	107-1	450	492	492	478	5.03	cps
Sodium	23-2	35662521	35802656	35525032	35663403	0.39	cps
Strontium	86-1	190972	188963	190395	190110	0.54	cps
Strontium	88-1	1562048	1577025	1559406	1566160	0.61	cps
Sulfur	34-1	890206	890492	875762	885487	0.95	cps
Terbium	159-1	3737023	3811309	3666490	3738274	1.94	cps
Terbium	159-2	1810779	1824273	1875263	1836772	1.85	cps
Thallium	203-1	75	125	125	108	26.65	cps
Thallium	205-1	208	233	308	250	20.82	cps
Thorium	232-1	528	589	417	511	17.08	cps
Tin	118-1	1358	1617	1625	1533	9.89	cps
Titanium	47-1	1325	1300	1267	1297	2.26	cps
Uranium	238-1	2492	2617	2400	2503	4.35	cps
Vanadium	51-2	897	957	947	933	3.44	cps
Yttrium	89-1	3380476	3464973	3333870	3393107	1.96	cps
Yttrium	89-2	520197	523261	544406	529288	2.49	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 15:59:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2864	2957	2887	2903	1.67	cps
Zirconium	90-1	1325	1267	1150	1247	7.14	cps
Zirconium	91-1	242	233	325	267	19.01	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	350	242	256	34.56	cps
Antimony	121-1	4601	4859	4826	4762	2.95	cps
Arsenic	75-2	37	56	43	45	21.09	cps
Barium	135-1	75	158	92	108	40.71	cps
Barium	137-1	142	175	142	153	12.60	cps
Beryllium	9-1	37	40	37	38	5.09	cps
Bismuth	209-1	2052428	2089318	2051818	2064521	1.04	cps
Bismuth	209-2	1133953	1127353	1149290	1136865	0.99	cps
Boron	10-1	3742	3659	3050	3484	10.84	cps
Boron	11-1	16651	15784	14833	15756	5.77	cps
Cadmium	111-1	651	765	685	701	8.33	cps
Cadmium	106-1	917	1075	983	992	8.02	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	542	533	417	497	14.06	cps
Calcium	44-1	17436	17361	17578	17458	0.63	cps
Chromium	52-2	1890	1873	1823	1862	1.86	cps
Cobalt	59-2	47	53	40	47	14.28	cps
Copper	63-2	2274	2447	2297	2339	4.02	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	37	50	43	43	15.38	cps
Holmium	165-1	3494189	3625753	3507295	3542412	2.05	cps
Holmium	165-2	1802259	1782174	1825897	1803443	1.21	cps
Indium	115-1	2547854	2628337	2557151	2577781	1.71	cps
Indium	115-2	545750	535663	549521	543645	1.32	cps
Iron	56-2	58400	58678	59314	58798	0.80	cps
Iron	57-2	1578	1478	1606	1554	4.33	cps
Krypton	83-1	107	130	120	119	9.84	cps
Lead	206-1	3528	3345	3434	3436	2.67	cps
Lead	207-1	2856	3089	2934	2960	4.02	cps
Lead	208-1	13748	13820	13648	13738	0.63	cps
Lithium	6-1	1333039	1326674	1284024	1314579	2.03	cps
Magnesium	24-2	367	275	300	314	15.10	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	597	480	540	539	10.83	cps
Molybdenum	94-1	133	167	133	144	13.32	cps
Molybdenum	95-1	75	50	50	58	24.74	cps
Molybdenum	96-1	92	117	175	128	33.47	cps
Molybdenum	97-1	50	42	50	47	10.18	cps
Molybdenum	98-1	142	158	50	117	50.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	164	118	149	144	16.43	cps
Phosphorus	31-2	100	100	108	103	4.68	cps
Potassium	39-2	16493	16643	16009	16382	2.02	cps
Rhodium	103-1	2551338	2659994	2569242	2593525	2.25	cps
Rhodium	103-2	1291271	1273000	1298057	1287443	1.01	cps
Scandium	45-1	2635843	2712679	2612863	2653795	1.97	cps
Scandium	45-2	137067	136206	139714	137662	1.33	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	41	19	31	30	36.90	cps
Selenium	82-1	40	-8	12	15	162.44	cps
Silicon	28-1	120693	120154	119358	120068	0.56	cps
Silver	109-1	375	342	450	389	14.27	cps
Silver	107-1	433	425	467	442	4.99	cps
Sodium	23-2	62489	61786	63000	62425	0.98	cps
Strontium	86-1	342	275	242	286	17.80	cps
Strontium	88-1	942	783	792	839	10.62	cps
Sulfur	34-1	201131	201570	197203	199968	1.20	cps
Terbium	159-1	3632742	3801530	3691658	3708643	2.31	cps
Terbium	159-2	1855915	1824923	1860257	1847032	1.04	cps
Thallium	203-1	58	42	25	42	40.00	cps
Thallium	205-1	133	117	58	103	38.31	cps
Thorium	232-1	72	144	67	94	45.94	cps
Tin	118-1	2217	2050	1909	2059	7.50	cps
Titanium	47-1	167	167	142	158	9.12	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	620	517	587	574	9.18	cps
Yttrium	89-1	3290932	3442850	3324449	3352744	2.38	cps
Yttrium	89-2	523989	517741	526977	522903	0.90	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:02:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2450	2440	2594	2495	3.44	cps
Zirconium	90-1	292	392	250	311	23.40	cps
Zirconium	91-1	75	50	17	47	61.97	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19772	19280	20440	19830	2.94	cps
Antimony	121-1	5685	5810	6035	5843	3.04	cps
Arsenic	75-2	87	78	85	83	5.88	cps
Barium	135-1	65438	64668	65138	65081	0.60	cps
Barium	137-1	113024	110563	110731	111439	1.23	cps
Beryllium	9-1	167	150	177	164	8.19	cps
Bismuth	209-1	1965048	1980293	1973390	1972910	0.39	cps
Bismuth	209-2	1085279	1096717	1099951	1093982	0.70	cps
Boron	10-1	27083	26674	26240	26666	1.58	cps
Boron	11-1	124469	122091	124258	123606	1.06	cps
Cadmium	111-1	9704	9643	9286	9544	2.36	cps
Cadmium	106-1	1725	1775	1734	1745	1.54	cps
Cadmium	108-1	742	533	567	614	18.23	cps
Calcium	43-1	816561	805195	808629	810128	0.72	cps
Calcium	44-1	13463032	13319173	13239171	13340459	0.85	cps
Chromium	52-2	52774361	52928589	53041329	52914760	0.25	cps
Cobalt	59-2	43772	44370	44935	44359	1.31	cps
Copper	63-2	328032	331725	334465	331408	0.97	cps
Dysprosium	156-1	2234	2075	2509	2273	9.65	cps
Dysprosium	156-2	1240	1290	1230	1253	2.56	cps
Erbium	164-1	2459	2425	2059	2314	9.59	cps
Erbium	164-2	1213	1240	1277	1243	2.56	cps
Gadolinium	160-1	2667	2350	2225	2414	9.43	cps
Gadolinium	160-2	1590	1497	1500	1529	3.46	cps
Holmium	165-1	3489752	3470997	3501117	3487289	0.44	cps
Holmium	165-2	1778454	1785393	1783438	1782429	0.20	cps
Indium	115-1	2411946	2422545	2443923	2426138	0.67	cps
Indium	115-2	515703	519700	519390	518264	0.43	cps
Iron	56-2	77297	78068	79386	78250	1.35	cps
Iron	57-2	7424	7547	7824	7598	2.70	cps
Krypton	83-1	160	120	130	137	15.23	cps
Lead	206-1	3312	3095	3378	3262	4.54	cps
Lead	207-1	2645	2723	2789	2719	2.66	cps
Lead	208-1	12908	12308	13225	12814	3.64	cps
Lithium	6-1	1270516	1246430	1248765	1255237	1.06	cps
Magnesium	24-2	1400056	1398672	1413697	1404142	0.59	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5122690	5115081	5129839	5122537	0.14	cps
Molybdenum	94-1	1367	1175	1125	1222	10.44	cps
Molybdenum	95-1	2075	2034	1892	2000	4.81	cps
Molybdenum	96-1	1984	2275	1884	2047	9.94	cps
Molybdenum	97-1	1217	1108	1000	1108	9.78	cps
Molybdenum	98-1	3009	2525	3192	2909	11.84	cps
Neodymium	150-1	2520	2420	2380	2440	2.96	cps
Neodymium	150-2	977	1183	1100	1087	9.57	cps
Nickel	60-2	44943	45926	46333	45734	1.56	cps
Phosphorus	31-2	183	142	108	144	26.01	cps
Potassium	39-2	382405	386675	386027	385035	0.60	cps
Rhodium	103-1	2355202	2369039	2369510	2364584	0.34	cps
Rhodium	103-2	1204217	1215784	1209898	1209966	0.48	cps
Scandium	45-1	2459689	2444814	2470532	2458345	0.53	cps
Scandium	45-2	128982	130690	128125	129266	1.01	cps
Selenium	77-2	7	23	33	21	63.80	cps
Selenium	78-2	43	50	46	46	8.00	cps
Selenium	82-1	249	285	298	277	9.28	cps
Silicon	28-1	39064635	38929665	38723277	38905859	0.44	cps
Silver	109-1	400	542	342	428	24.04	cps
Silver	107-1	350	342	458	383	16.98	cps
Sodium	23-2	32515291	32657580	32863513	32678795	0.54	cps
Strontium	86-1	160985	159120	160699	160268	0.63	cps
Strontium	88-1	1376477	1365468	1355531	1365825	0.77	cps
Sulfur	34-1	479879	467935	462526	470114	1.89	cps
Terbium	159-1	3642911	3628706	3678778	3650132	0.71	cps
Terbium	159-2	1802508	1794375	1791759	1796214	0.31	cps
Thallium	203-1	42	75	50	56	31.22	cps
Thallium	205-1	142	133	133	136	3.53	cps
Thorium	232-1	111	72	117	100	24.22	cps
Tin	118-1	1600	1634	1800	1678	6.39	cps
Titanium	47-1	667	650	642	653	1.95	cps
Uranium	238-1	975	992	825	931	9.86	cps
Vanadium	51-2	430	403	413	416	3.24	cps
Yttrium	89-1	3182270	3219624	3230480	3210791	0.79	cps
Yttrium	89-2	507174	507578	506300	507018	0.13	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:06:27	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10280	10541	10888	10570	2.88	cps
Zirconium	90-1	658	650	733	681	6.74	cps
Zirconium	91-1	83	150	200	144	40.52	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18120	17895	17477	17831	1.83	cps
Antimony	121-1	5910	5985	6302	6065	3.43	cps
Arsenic	75-2	69	85	89	81	13.42	cps
Barium	135-1	69064	68059	66777	67966	1.69	cps
Barium	137-1	117713	117419	116656	117263	0.47	cps
Beryllium	9-1	167	163	137	156	10.57	cps
Bismuth	209-1	1968429	1949906	1962992	1960442	0.49	cps
Bismuth	209-2	1047276	1051573	1063149	1053999	0.78	cps
Boron	10-1	25531	25238	27209	25993	4.09	cps
Boron	11-1	121098	121578	123755	122144	1.16	cps
Cadmium	111-1	9925	9361	9534	9607	3.01	cps
Cadmium	106-1	1742	1600	1959	1767	10.22	cps
Cadmium	108-1	579	529	604	571	6.69	cps
Calcium	43-1	828082	825625	823653	825787	0.27	cps
Calcium	44-1	13541964	13517128	13600912	13553335	0.32	cps
Chromium	52-2	50495933	50380006	51240866	50705601	0.92	cps
Cobalt	59-2	45350	45564	46534	45816	1.38	cps
Copper	63-2	312080	311841	318752	314224	1.25	cps
Dysprosium	156-1	2384	2059	1909	2117	11.47	cps
Dysprosium	156-2	1297	1217	1267	1260	3.21	cps
Erbium	164-1	2092	2234	2350	2225	5.82	cps
Erbium	164-2	1130	1093	1103	1109	1.71	cps
Gadolinium	160-1	2509	2467	2300	2425	4.55	cps
Gadolinium	160-2	1327	1507	1500	1445	7.07	cps
Holmium	165-1	3432140	3450805	3510237	3464394	1.18	cps
Holmium	165-2	1726262	1704366	1736445	1722358	0.95	cps
Indium	115-1	2410326	2393749	2429269	2411115	0.74	cps
Indium	115-2	494475	497648	503402	498508	0.91	cps
Iron	56-2	93865	95883	97723	95823	2.01	cps
Iron	57-2	7774	7819	8336	7976	3.91	cps
Krypton	83-1	107	103	123	111	9.64	cps
Lead	206-1	3089	2639	2845	2858	7.89	cps
Lead	207-1	2645	2545	2322	2504	6.59	cps
Lead	208-1	12397	11486	11391	11758	4.72	cps
Lithium	6-1	1224895	1206980	1202746	1211540	0.97	cps
Magnesium	24-2	1407654	1410691	1442847	1420397	1.37	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5439182	5375782	5473846	5429604	0.92	cps
Molybdenum	94-1	1433	1067	1300	1267	14.65	cps
Molybdenum	95-1	2075	2034	1859	1989	5.78	cps
Molybdenum	96-1	1859	2125	1925	1970	7.05	cps
Molybdenum	97-1	1133	1108	1183	1142	3.35	cps
Molybdenum	98-1	2942	2692	2742	2792	4.74	cps
Neodymium	150-1	2114	2454	2374	2314	7.69	cps
Neodymium	150-2	990	997	1037	1008	2.50	cps
Nickel	60-2	45784	45157	45831	45591	0.83	cps
Phosphorus	31-2	167	83	183	144	37.09	cps
Potassium	39-2	383550	383054	400904	389169	2.61	cps
Rhodium	103-1	2349679	2337649	2369987	2352438	0.69	cps
Rhodium	103-2	1152795	1165640	1167382	1161939	0.69	cps
Scandium	45-1	2456112	2421224	2457304	2444880	0.84	cps
Scandium	45-2	122401	124700	125264	124121	1.22	cps
Selenium	77-2	10	13	20	14	35.26	cps
Selenium	78-2	52	46	50	49	5.72	cps
Selenium	82-1	390	418	387	398	4.31	cps
Silicon	28-1	38808702	38748018	38614001	38723573	0.26	cps
Silver	109-1	425	392	425	414	4.65	cps
Silver	107-1	450	383	383	406	9.49	cps
Sodium	23-2	32794276	32699043	32985352	32826224	0.44	cps
Strontium	86-1	167059	161231	163219	163837	1.81	cps
Strontium	88-1	1387222	1380437	1389885	1385848	0.35	cps
Sulfur	34-1	462192	452009	455132	456444	1.14	cps
Terbium	159-1	3616080	3622152	3625243	3621158	0.13	cps
Terbium	159-2	1741528	1743467	1751584	1745527	0.31	cps
Thallium	203-1	75	108	50	78	37.63	cps
Thallium	205-1	200	208	167	192	11.50	cps
Thorium	232-1	117	94	67	93	27.05	cps
Tin	118-1	1767	1775	1934	1825	5.15	cps
Titanium	47-1	725	617	550	631	14.01	cps
Uranium	238-1	1017	925	983	975	4.76	cps
Vanadium	51-2	347	347	440	378	14.26	cps
Yttrium	89-1	3198798	3155532	3227040	3193790	1.13	cps
Yttrium	89-2	481807	487176	492728	487237	1.12	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:10:05	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11031	10334	10944	10770	3.53	cps
Zirconium	90-1	517	517	575	536	6.28	cps
Zirconium	91-1	92	125	125	114	16.90	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12522	12339	12214	12358	1.26	cps
Antimony	121-1	4826	5051	4968	4948	2.30	cps
Arsenic	75-2	83	43	61	62	32.72	cps
Barium	135-1	68085	67498	65672	67085	1.88	cps
Barium	137-1	118032	115267	115915	116405	1.24	cps
Beryllium	9-1	133	113	117	121	8.85	cps
Bismuth	209-1	1971986	1969262	1966852	1969367	0.13	cps
Bismuth	209-2	1069313	1069282	1094166	1077587	1.33	cps
Boron	10-1	22776	22442	23728	22982	2.90	cps
Boron	11-1	108373	107783	108362	108172	0.31	cps
Cadmium	111-1	8158	8196	8091	8148	0.65	cps
Cadmium	106-1	1550	1608	1634	1597	2.68	cps
Cadmium	108-1	429	492	500	474	8.18	cps
Calcium	43-1	756902	749636	745871	750803	0.75	cps
Calcium	44-1	12367243	12239495	12284349	12297029	0.53	cps
Chromium	52-2	42652414	42657373	42200212	42503333	0.62	cps
Cobalt	59-2	39858	40432	39065	39785	1.73	cps
Copper	63-2	283343	282889	283194	283142	0.08	cps
Dysprosium	156-1	1700	1600	1559	1620	4.50	cps
Dysprosium	156-2	1023	1033	990	1016	2.23	cps
Erbium	164-1	1717	1850	1825	1797	3.94	cps
Erbium	164-2	853	910	940	901	4.88	cps
Gadolinium	160-1	1850	1942	1709	1834	6.41	cps
Gadolinium	160-2	1153	1003	1157	1105	7.93	cps
Holmium	165-1	3491869	3479964	3485061	3485631	0.17	cps
Holmium	165-2	1751553	1742253	1789539	1761115	1.42	cps
Indium	115-1	2404579	2414421	2415355	2411452	0.25	cps
Indium	115-2	500936	508753	518339	509343	1.71	cps
Iron	56-2	17917	16621	17678	17405	3.96	cps
Iron	57-2	5234	5501	5407	5381	2.51	cps
Krypton	83-1	153	117	143	138	13.76	cps
Lead	206-1	5846	5763	5763	5790	0.83	cps
Lead	207-1	5301	4729	5112	5047	5.78	cps
Lead	208-1	23943	22614	22875	23144	3.04	cps
Lithium	6-1	1200829	1199663	1190524	1197005	0.47	cps
Magnesium	24-2	1314127	1313356	1297621	1308368	0.71	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5093180	5064317	5032515	5063337	0.60	cps
Molybdenum	94-1	1042	1108	1150	1100	4.97	cps
Molybdenum	95-1	1900	1959	1500	1786	13.97	cps
Molybdenum	96-1	1884	1784	1633	1767	7.12	cps
Molybdenum	97-1	983	975	1100	1020	6.86	cps
Molybdenum	98-1	2759	2684	2817	2753	2.43	cps
Neodymium	150-1	1767	1713	1847	1776	3.78	cps
Neodymium	150-2	793	817	773	794	2.73	cps
Nickel	60-2	39374	39576	39391	39447	0.28	cps
Phosphorus	31-2	175	108	125	136	25.49	cps
Potassium	39-2	361425	361326	360174	360975	0.19	cps
Rhodium	103-1	2328022	2366855	2349369	2348082	0.83	cps
Rhodium	103-2	1165903	1184933	1209036	1186624	1.82	cps
Scandium	45-1	2422044	2430439	2420645	2424376	0.22	cps
Scandium	45-2	124595	124262	128148	125669	1.71	cps
Selenium	77-2	17	23	0	13	90.13	cps
Selenium	78-2	44	37	44	42	10.18	cps
Selenium	82-1	441	493	454	463	5.91	cps
Silicon	28-1	34186862	34025783	34201362	34138002	0.29	cps
Silver	109-1	250	258	350	286	19.39	cps
Silver	107-1	392	325	333	350	10.38	cps
Sodium	23-2	29991160	29928258	29738670	29886029	0.44	cps
Strontium	86-1	150608	150809	147221	149546	1.35	cps
Strontium	88-1	1274077	1254773	1241593	1256815	1.30	cps
Sulfur	34-1	412161	404335	408479	408325	0.96	cps
Terbium	159-1	3621144	3625948	3638690	3628594	0.25	cps
Terbium	159-2	1761944	1775972	1813255	1783724	1.49	cps
Thallium	203-1	58	100	67	75	29.40	cps
Thallium	205-1	200	167	225	197	14.84	cps
Thorium	232-1	89	61	67	72	20.35	cps
Tin	118-1	1684	1900	1959	1848	7.85	cps
Titanium	47-1	442	475	517	478	7.87	cps
Uranium	238-1	625	500	567	564	11.09	cps
Vanadium	51-2	320	380	330	343	9.36	cps
Yttrium	89-1	3174644	3166722	3183514	3174960	0.26	cps
Yttrium	89-2	491225	493210	502686	495707	1.24	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:13:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9230	9206	8853	9096	2.32	cps
Zirconium	90-1	533	683	558	592	13.58	cps
Zirconium	91-1	83	92	100	92	9.09	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2876629	2879025	2859353	2871669	0.37	cps
Antimony	121-1	1215432	1214738	1217075	1215748	0.10	cps
Arsenic	75-2	59305	59530	59642	59492	0.29	cps
Barium	135-1	1650487	1632058	1636086	1639544	0.59	cps
Barium	137-1	2925104	2903235	2900034	2909458	0.47	cps
Beryllium	9-1	550243	548238	551778	550087	0.32	cps
Bismuth	209-1	1843701	1828330	1866227	1846086	1.03	cps
Bismuth	209-2	1105978	1108402	1107077	1107152	0.11	cps
Boron	10-1	85148	86011	87234	86131	1.22	cps
Boron	11-1	379208	386753	394180	386714	1.94	cps
Cadmium	111-1	354047	350350	351583	351993	0.53	cps
Cadmium	106-1	39749	38888	38955	39197	1.22	cps
Cadmium	108-1	26963	26588	27014	26855	0.87	cps
Calcium	43-1	3384479	3393281	3424322	3400694	0.62	cps
Calcium	44-1	54071091	54298568	54325676	54231778	0.26	cps
Chromium	52-2	664193	661783	669286	665087	0.58	cps
Cobalt	59-2	879306	881808	880904	880673	0.14	cps
Copper	63-2	1073297	1077841	1081913	1077684	0.40	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	17	47	40	34	45.73	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	90	77	83	83	8.00	cps
Holmium	165-1	3528631	3529374	3526155	3528053	0.05	cps
Holmium	165-2	1897775	1867935	1864807	1876839	0.97	cps
Indium	115-1	2475390	2460374	2489952	2475239	0.60	cps
Indium	115-2	584533	583464	584454	584151	0.10	cps
Iron	56-2	136875034	135494875	136440411	136270107	0.52	cps
Iron	57-2	3165866	3152810	3147389	3155355	0.30	cps
Krypton	83-1	120	143	133	132	8.86	cps
Lead	206-1	926985	923492	922966	924481	0.24	cps
Lead	207-1	842427	837100	838826	839451	0.32	cps
Lead	208-1	3771983	3756197	3779852	3769344	0.32	cps
Lithium	6-1	1606548	1596591	1619252	1607464	0.71	cps
Magnesium	24-2	30868330	30777266	30849823	30831806	0.16	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	750098	751557	756028	752561	0.41	cps
Molybdenum	94-1	3722357	3704276	3747906	3724847	0.59	cps
Molybdenum	95-1	4864358	4843817	4879747	4862641	0.37	cps
Molybdenum	96-1	5310384	5314542	5324275	5316400	0.13	cps
Molybdenum	97-1	2953272	2933879	2960260	2949137	0.46	cps
Molybdenum	98-1	7729257	7671915	7774028	7725067	0.66	cps
Neodymium	150-1	153	80	127	120	30.93	cps
Neodymium	150-2	17	53	20	30	67.58	cps
Nickel	60-2	262301	265127	264776	264068	0.58	cps
Phosphorus	31-2	29505	29388	28979	29291	0.94	cps
Potassium	39-2	14509054	14419251	14537248	14488518	0.43	cps
Rhodium	103-1	2407058	2403809	2426249	2412372	0.50	cps
Rhodium	103-2	1265275	1268508	1261596	1265126	0.27	cps
Scandium	45-1	2776173	2778667	2841394	2798745	1.32	cps
Scandium	45-2	147613	147708	149971	148431	0.90	cps
Selenium	77-2	1643	1720	1603	1656	3.58	cps
Selenium	78-2	5366	5477	5312	5385	1.56	cps
Selenium	82-1	28242	28427	28254	28308	0.37	cps
Silicon	28-1	1979152	2047944	2107562	2044886	3.14	cps
Silver	109-1	1574669	1556263	1578701	1569878	0.76	cps
Silver	107-1	1678603	1657419	1644536	1660186	1.04	cps
Sodium	23-2	61378481	61023287	61081185	61160984	0.31	cps
Strontium	86-1	503071	506114	503546	504244	0.32	cps
Strontium	88-1	4319187	4336068	4365849	4340368	0.54	cps
Sulfur	34-1	373925	370889	381844	375553	1.51	cps
Terbium	159-1	3703265	3680308	3727182	3703585	0.63	cps
Terbium	159-2	1919083	1894320	1881214	1898206	1.01	cps
Thallium	203-1	1161347	1154531	1151028	1155635	0.45	cps
Thallium	205-1	2800463	2784260	2787912	2790878	0.30	cps
Thorium	232-1	4778563	4770304	4763820	4770896	0.15	cps
Tin	118-1	1021860	1018436	1014081	1018126	0.38	cps
Titanium	47-1	1750850	1752393	1765782	1756342	0.47	cps
Uranium	238-1	4653505	4622427	4664092	4646675	0.47	cps
Vanadium	51-2	571513	574635	575350	573833	0.36	cps
Yttrium	89-1	3399406	3386776	3430883	3405688	0.67	cps
Yttrium	89-2	576329	579893	578359	578193	0.31	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:48:06	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	158974	161326	161313	160537	0.84	cps
Zirconium	90-1	2860867	2844955	2870913	2858911	0.46	cps
Zirconium	91-1	622238	607926	624730	618298	1.47	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 16:56:03 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	92	83	10.00	cps
Antimony	121-1	575	667	658	633	8.00	cps
Arsenic	75-2	2	7	6	5	57.32	cps
Barium	135-1	58	33	58	50	28.86	cps
Barium	137-1	42	83	50	58	37.80	cps
Beryllium	9-1	63	63	53	60	9.62	cps
Bismuth	209-1	1948641	1962474	1968634	1959916	0.52	cps
Bismuth	209-2	1148016	1208754	1189044	1181938	2.62	cps
Boron	10-1	2109	1992	2284	2128	6.90	cps
Boron	11-1	10921	9703	9745	10123	6.83	cps
Cadmium	111-1	808	730	791	777	5.25	cps
Cadmium	106-1	1117	1000	1075	1064	5.56	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	150	117	158	142	15.56	cps
Calcium	44-1	10212	9979	9395	9862	4.27	cps
Chromium	52-2	540	627	643	603	9.20	cps
Cobalt	59-2	40	13	23	26	52.73	cps
Copper	63-2	350	290	243	294	18.16	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	83	67	43	64	31.18	cps
Holmium	165-1	3438813	3425371	3437783	3433989	0.22	cps
Holmium	165-2	1857499	1932410	1865634	1885181	2.18	cps
Indium	115-1	2558316	2565286	2583331	2568978	0.50	cps
Indium	115-2	592900	620546	600039	604495	2.37	cps
Iron	56-2	4112	3940	3817	3956	3.74	cps
Iron	57-2	228	183	156	189	19.29	cps
Krypton	83-1	120	163	97	127	26.71	cps
Lead	206-1	800	628	817	748	13.98	cps
Lead	207-1	767	878	761	802	8.21	cps
Lead	208-1	3356	3373	3406	3378	0.75	cps
Lithium	6-1	1613197	1627167	1613820	1618061	0.49	cps
Magnesium	24-2	517	450	517	494	7.78	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:56:03	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	27	20	27	24.99	cps
Molybdenum	94-1	367	358	317	347	7.72	cps
Molybdenum	95-1	308	450	308	356	23.00	cps
Molybdenum	96-1	442	342	408	397	12.82	cps
Molybdenum	97-1	267	192	233	231	16.30	cps
Molybdenum	98-1	583	525	650	586	10.67	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	51	32	30	37	31.04	cps
Phosphorus	31-2	108	58	83	83	30.00	cps
Potassium	39-2	13824	13648	13824	13765	0.73	cps
Rhodium	103-1	2580393	2599473	2626948	2602271	0.90	cps
Rhodium	103-2	1318806	1379635	1350267	1349569	2.25	cps
Scandium	45-1	2801581	2776735	2826429	2801582	0.89	cps
Scandium	45-2	144524	149929	146210	146887	1.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	43	26	30	39.02	cps
Selenium	82-1	28	-16	56	23	161.66	cps
Silicon	28-1	123782	120885	118743	121137	2.09	cps
Silver	109-1	158	92	92	114	33.80	cps
Silver	107-1	175	133	150	153	13.73	cps
Sodium	23-2	12406	12514	11989	12303	2.25	cps
Strontium	86-1	175	175	292	214	31.49	cps
Strontium	88-1	75	83	108	89	19.52	cps
Sulfur	34-1	142829	142593	141373	142265	0.55	cps
Terbium	159-1	3596703	3597416	3645701	3613273	0.78	cps
Terbium	159-2	1888213	1965655	1899809	1917892	2.18	cps
Thallium	203-1	192	125	150	156	21.65	cps
Thallium	205-1	433	467	392	431	8.73	cps
Thorium	232-1	389	428	333	383	12.38	cps
Tin	118-1	267	233	292	264	11.09	cps
Titanium	47-1	125	50	92	89	42.28	cps
Uranium	238-1	67	58	75	67	12.49	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	3363033	3368513	3425298	3385614	1.02	cps
Yttrium	89-2	564516	586729	573126	574790	1.95	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:56:03	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97	43	80	73	37.21	cps
Zirconium	90-1	383	475	392	417	12.17	cps
Zirconium	91-1	42	58	117	72	54.52	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	208	225	189	25.85	cps
Antimony	121-1	2809	2609	2700	2706	3.70	cps
Arsenic	75-2	52	46	50	49	5.72	cps
Barium	135-1	55981	55177	55612	55590	0.72	cps
Barium	137-1	97693	96996	97358	97349	0.36	cps
Beryllium	9-1	57	43	47	49	14.20	cps
Bismuth	209-1	1859983	1904605	1868084	1877557	1.27	cps
Bismuth	209-2	1087229	1112017	1108675	1102640	1.22	cps
Boron	10-1	7877	8086	7911	7958	1.41	cps
Boron	11-1	36061	35493	35660	35738	0.82	cps
Cadmium	111-1	853	762	736	784	7.81	cps
Cadmium	106-1	1000	917	875	931	6.84	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	1916564	1935589	1892344	1914832	1.13	cps
Calcium	44-1	31151442	31892527	31290243	31444738	1.25	cps
Chromium	52-2	3180	3197	3224	3200	0.68	cps
Cobalt	59-2	243	240	223	236	4.55	cps
Copper	63-2	4204	3874	3807	3962	5.36	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	40	70	40	50	34.64	cps
Holmium	165-1	3316286	3424775	3348764	3363275	1.66	cps
Holmium	165-2	1769470	1813135	1812606	1798404	1.39	cps
Indium	115-1	2476009	2522349	2474331	2490897	1.09	cps
Indium	115-2	558787	574237	572588	568537	1.49	cps
Iron	56-2	5807	5701	5346	5618	4.30	cps
Iron	57-2	13479	13690	13012	13393	2.59	cps
Krypton	83-1	107	147	123	126	16.00	cps
Lead	206-1	6091	5279	4895	5422	11.25	cps
Lead	207-1	5040	4629	4351	4673	7.42	cps
Lead	208-1	23754	20790	19339	21294	10.57	cps
Lithium	6-1	1502500	1455151	1394776	1450809	3.72	cps
Magnesium	24-2	1798080	1816951	1801694	1805575	0.55	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	187	243	222	13.94	cps
Molybdenum	94-1	267	367	308	314	16.00	cps
Molybdenum	95-1	308	258	317	294	10.71	cps
Molybdenum	96-1	458	358	292	369	22.71	cps
Molybdenum	97-1	175	267	192	211	23.13	cps
Molybdenum	98-1	358	525	450	444	18.78	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	365	355	369	363	1.98	cps
Phosphorus	31-2	100	117	158	125	24.04	cps
Potassium	39-2	162648	164257	163020	163308	0.52	cps
Rhodium	103-1	2426018	2496500	2428368	2450295	1.63	cps
Rhodium	103-2	1275228	1313093	1306727	1298349	1.56	cps
Scandium	45-1	2692023	2746258	2669148	2702476	1.47	cps
Scandium	45-2	141574	146008	144870	144151	1.60	cps
Selenium	77-2	3	13	13	10	57.75	cps
Selenium	78-2	37	41	26	35	22.30	cps
Selenium	82-1	50	-2	33	27	98.61	cps
Silicon	28-1	16135181	16063601	16007271	16068685	0.40	cps
Silver	109-1	2459	2059	1734	2084	17.43	cps
Silver	107-1	2659	2200	1684	2181	22.37	cps
Sodium	23-2	2165746	2187334	2180722	2177934	0.51	cps
Strontium	86-1	1141205	1143732	1139950	1141629	0.17	cps
Strontium	88-1	9907973	10046046	9974704	9976241	0.69	cps
Sulfur	34-1	619213	626289	623431	622977	0.57	cps
Terbium	159-1	3501553	3551957	3520203	3524571	0.72	cps
Terbium	159-2	1807223	1840801	1842513	1830179	1.09	cps
Thallium	203-1	900	958	600	820	23.46	cps
Thallium	205-1	2475	1634	1233	1781	35.60	cps
Thorium	232-1	239	283	361	294	21.01	cps
Tin	118-1	1842	1725	1692	1753	4.49	cps
Titanium	47-1	275	292	292	286	3.36	cps
Uranium	238-1	5601	5251	5543	5465	3.43	cps
Vanadium	51-2	430	400	397	409	4.49	cps
Yttrium	89-1	3300453	3342605	3251065	3298041	1.39	cps
Yttrium	89-2	544010	553945	553235	550397	1.01	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 16:59:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2357	2314	2327	2332	0.95	cps
Zirconium	90-1	433	450	658	514	24.40	cps
Zirconium	91-1	92	125	117	111	15.61	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	267	233	242	9.12	cps
Antimony	121-1	2234	2025	2384	2214	8.13	cps
Arsenic	75-2	48	50	43	47	8.22	cps
Barium	135-1	56667	54960	57855	56494	2.58	cps
Barium	137-1	96904	98432	97442	97593	0.79	cps
Beryllium	9-1	57	70	40	56	27.06	cps
Bismuth	209-1	1932470	1925541	1929248	1929087	0.18	cps
Bismuth	209-2	1061051	1078730	1208687	1116156	7.22	cps
Boron	10-1	7052	6777	6877	6902	2.02	cps
Boron	11-1	31851	32394	33505	32583	2.59	cps
Cadmium	111-1	776	695	628	700	10.59	cps
Cadmium	106-1	1008	925	858	931	8.08	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	1868317	1864321	1870660	1867766	0.17	cps
Calcium	44-1	30882731	30567457	30840632	30763607	0.56	cps
Chromium	52-2	2564	2587	2527	2559	1.18	cps
Cobalt	59-2	170	203	227	200	14.24	cps
Copper	63-2	2937	3004	2980	2974	1.14	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	42	17	8	22	78.07	cps
Gadolinium	160-2	67	53	67	62	12.38	cps
Holmium	165-1	3395915	3443060	3441781	3426919	0.78	cps
Holmium	165-2	1726079	1756204	1955619	1812634	6.88	cps
Indium	115-1	2483208	2493048	2520650	2498968	0.78	cps
Indium	115-2	530825	543549	605683	560019	7.15	cps
Iron	56-2	5229	4918	5234	5127	3.54	cps
Iron	57-2	13051	13145	12244	12813	3.86	cps
Krypton	83-1	140	153	113	136	15.02	cps
Lead	206-1	3773	3556	3612	3647	3.09	cps
Lead	207-1	3401	3045	3250	3232	5.52	cps
Lead	208-1	15204	13820	14203	14409	4.96	cps
Lithium	6-1	1292922	1266084	1257016	1272007	1.47	cps
Magnesium	24-2	1766339	1765681	1739960	1757326	0.86	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	307	267	273	11.18	cps
Molybdenum	94-1	258	242	358	286	22.05	cps
Molybdenum	95-1	233	217	175	208	14.42	cps
Molybdenum	96-1	233	292	233	253	13.32	cps
Molybdenum	97-1	192	100	117	136	35.88	cps
Molybdenum	98-1	333	242	333	303	17.48	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	317	307	313	312	1.71	cps
Phosphorus	31-2	100	117	17	78	68.88	cps
Potassium	39-2	155591	155354	155601	155515	0.09	cps
Rhodium	103-1	2457820	2501819	2487503	2482381	0.90	cps
Rhodium	103-2	1233349	1254288	1396683	1294773	6.86	cps
Scandium	45-1	2637797	2634773	2647638	2640069	0.25	cps
Scandium	45-2	135048	137010	150700	140920	6.05	cps
Selenium	77-2	3	3	17	8	99.04	cps
Selenium	78-2	24	31	37	31	21.08	cps
Selenium	82-1	27	-1	35	20	95.26	cps
Silicon	28-1	15300553	15375553	15446415	15374174	0.47	cps
Silver	109-1	725	833	725	761	8.22	cps
Silver	107-1	775	775	900	817	8.84	cps
Sodium	23-2	2115083	2124963	2112291	2117445	0.31	cps
Strontium	86-1	1143621	1124687	1122639	1130316	1.02	cps
Strontium	88-1	9928355	9897917	9948704	9924992	0.26	cps
Sulfur	34-1	628792	623795	630901	627829	0.58	cps
Terbium	159-1	3598931	3637581	3586654	3607722	0.74	cps
Terbium	159-2	1760229	1781079	1997976	1846428	7.13	cps
Thallium	203-1	125	167	50	114	51.91	cps
Thallium	205-1	325	358	267	317	14.65	cps
Thorium	232-1	128	172	211	170	24.48	cps
Tin	118-1	1600	1433	1408	1481	7.04	cps
Titanium	47-1	375	300	317	331	11.91	cps
Uranium	238-1	5485	6035	5443	5654	5.84	cps
Vanadium	51-2	467	493	507	489	4.17	cps
Yttrium	89-1	3295340	3312375	3285076	3297597	0.42	cps
Yttrium	89-2	517059	525734	582515	541769	6.56	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05DUP	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:03:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2347	2474	2317	2379	3.50	cps
Zirconium	90-1	442	425	458	442	3.77	cps
Zirconium	91-1	83	75	92	83	10.00	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	1008	1225	1067	13.00	cps
Antimony	121-1	658	675	725	686	5.06	cps
Arsenic	75-2	11	4	13	9	52.94	cps
Barium	135-1	12131	11438	11880	11817	2.97	cps
Barium	137-1	19356	19923	20366	19882	2.55	cps
Beryllium	9-1	40	47	43	43	7.70	cps
Bismuth	209-1	2002854	2044806	2035817	2027825	1.09	cps
Bismuth	209-2	1137314	1133884	1143694	1138297	0.44	cps
Boron	10-1	2500	2617	2250	2456	7.63	cps
Boron	11-1	11688	12022	11597	11769	1.90	cps
Cadmium	111-1	599	726	730	685	10.89	cps
Cadmium	106-1	850	1025	1033	970	10.68	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	405275	406456	403680	405137	0.34	cps
Calcium	44-1	6481280	6516117	6449542	6482313	0.51	cps
Chromium	52-2	990	1033	963	996	3.55	cps
Cobalt	59-2	57	37	47	47	21.43	cps
Copper	63-2	1130	1227	1077	1145	6.64	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	8	17	33	19	65.47	cps
Gadolinium	160-2	50	50	47	49	3.93	cps
Holmium	165-1	3503645	3611959	3559123	3558243	1.52	cps
Holmium	165-2	1809100	1811452	1804492	1808348	0.20	cps
Indium	115-1	2582602	2636030	2640141	2619591	1.23	cps
Indium	115-2	564622	567591	568162	566792	0.34	cps
Iron	56-2	5612	5446	5407	5488	1.99	cps
Iron	57-2	2867	3050	2573	2830	8.52	cps
Krypton	83-1	107	123	150	127	17.25	cps
Lead	206-1	1689	1789	1611	1696	5.25	cps
Lead	207-1	1645	1528	1461	1545	6.01	cps
Lead	208-1	7168	7396	6545	7036	6.26	cps
Lithium	6-1	1396889	1430994	1409532	1412472	1.22	cps
Magnesium	24-2	366267	370380	373976	370208	1.04	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	93	97	94	2.04	cps
Molybdenum	94-1	158	175	250	194	25.11	cps
Molybdenum	95-1	75	75	75	75	0.00	cps
Molybdenum	96-1	142	117	142	133	10.83	cps
Molybdenum	97-1	33	158	67	86	75.17	cps
Molybdenum	98-1	125	200	117	147	31.17	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	99	109	93	100	8.12	cps
Phosphorus	31-2	108	67	83	86	24.35	cps
Potassium	39-2	43205	43782	44116	43701	1.05	cps
Rhodium	103-1	2590812	2640585	2646730	2626042	1.17	cps
Rhodium	103-2	1307106	1309222	1307847	1308058	0.08	cps
Scandium	45-1	2707442	2756485	2772555	2745494	1.24	cps
Scandium	45-2	139816	138419	140630	139622	0.80	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	24	31	41	32	26.02	cps
Selenium	82-1	14	20	-36	-1	-4173.26	cps
Silicon	28-1	3333218	3350756	3313420	3332465	0.56	cps
Silver	109-1	192	225	225	214	9.00	cps
Silver	107-1	300	250	225	258	14.78	cps
Sodium	23-2	455415	469871	466527	463938	1.63	cps
Strontium	86-1	244385	241456	238399	241413	1.24	cps
Strontium	88-1	2083914	2086463	2068322	2079567	0.47	cps
Sulfur	34-1	299936	295602	293391	296310	1.12	cps
Terbium	159-1	3680847	3777180	3776014	3744680	1.48	cps
Terbium	159-2	1865844	1853459	1832459	1850587	0.91	cps
Thallium	203-1	67	58	33	53	32.88	cps
Thallium	205-1	183	108	92	128	38.21	cps
Thorium	232-1	133	139	144	139	4.00	cps
Tin	118-1	475	417	408	433	8.38	cps
Titanium	47-1	75	167	150	131	37.40	cps
Uranium	238-1	1292	1258	1100	1217	8.42	cps
Vanadium	51-2	203	200	257	220	14.45	cps
Yttrium	89-1	3396358	3450517	3458212	3435029	0.98	cps
Yttrium	89-2	538418	541245	544247	541303	0.54	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05LX5	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:06:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1060	1107	1081	2.19	cps
Zirconium	90-1	267	383	392	347	20.13	cps
Zirconium	91-1	75	100	83	86	14.78	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	486566	486950	492080	488532	0.63	cps
Antimony	121-1	1282908	1286256	1305708	1291624	0.95	cps
Arsenic	75-2	58478	58073	58946	58499	0.75	cps
Barium	135-1	1756690	1779116	1789689	1775165	0.95	cps
Barium	137-1	3048824	3105948	3107452	3087408	1.08	cps
Beryllium	9-1	490244	487316	486412	487991	0.41	cps
Bismuth	209-1	1916948	1888980	1900921	1902283	0.74	cps
Bismuth	209-2	1051313	1070213	1071273	1064266	1.06	cps
Boron	10-1	80884	82668	85441	82998	2.77	cps
Boron	11-1	369168	370246	386979	375464	2.66	cps
Cadmium	111-1	333974	330676	337169	333939	0.97	cps
Cadmium	106-1	37007	36941	36874	36941	0.18	cps
Cadmium	108-1	25870	25891	25707	25822	0.39	cps
Calcium	43-1	2454274	2461637	2472784	2462898	0.38	cps
Calcium	44-1	39036806	39415187	39686012	39379335	0.83	cps
Chromium	52-2	650397	654909	662219	655842	0.91	cps
Cobalt	59-2	863407	877939	876763	872703	0.92	cps
Copper	63-2	1091474	1095415	1096849	1094579	0.25	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	40	47	37	41	12.39	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	25	17	75	39	81.12	cps
Gadolinium	160-2	40	57	27	41	36.56	cps
Holmium	165-1	3466420	3427187	3450708	3448105	0.57	cps
Holmium	165-2	1715954	1725253	1720760	1720655	0.27	cps
Indium	115-1	2421596	2365197	2369555	2385449	1.32	cps
Indium	115-2	511994	520630	513686	515437	0.89	cps
Iron	56-2	25212163	25298629	25197173	25235989	0.22	cps
Iron	57-2	610589	613499	623739	615943	1.12	cps
Krypton	83-1	157	130	173	153	14.26	cps
Lead	206-1	1027365	1037802	1053570	1039579	1.27	cps
Lead	207-1	930867	943818	955388	943358	1.30	cps
Lead	208-1	4175328	4235955	4266884	4226056	1.10	cps
Lithium	6-1	1303356	1256977	1254532	1271622	2.16	cps
Magnesium	24-2	7617458	7594420	7594639	7602172	0.17	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	741768	747313	757804	748962	1.09	cps
Molybdenum	94-1	3208765	3267834	3266541	3247713	1.04	cps
Molybdenum	95-1	4052308	4110115	4093053	4085159	0.73	cps
Molybdenum	96-1	4457173	4509082	4509160	4491805	0.67	cps
Molybdenum	97-1	2483602	2497269	2505420	2495430	0.44	cps
Molybdenum	98-1	6501840	6528312	6559620	6529924	0.44	cps
Neodymium	150-1	127	100	67	98	30.74	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	263105	266464	268890	266153	1.09	cps
Phosphorus	31-2	92	175	42	103	65.54	cps
Potassium	39-2	2789890	2765764	2825048	2793567	1.07	cps
Rhodium	103-1	2392285	2328235	2342745	2354422	1.43	cps
Rhodium	103-2	1198631	1221838	1212241	1210903	0.96	cps
Scandium	45-1	2543839	2486744	2507912	2512832	1.15	cps
Scandium	45-2	130993	132825	132399	132072	0.73	cps
Selenium	77-2	1647	1440	1600	1562	6.94	cps
Selenium	78-2	5210	5334	5318	5287	1.27	cps
Selenium	82-1	29841	29561	30324	29909	1.29	cps
Silicon	28-1	15284338	15081819	15279211	15215123	0.76	cps
Silver	109-1	1464791	1468607	1481631	1471676	0.60	cps
Silver	107-1	1520550	1524146	1543488	1529395	0.81	cps
Sodium	23-2	14530521	14419167	14444143	14464610	0.40	cps
Strontium	86-1	1515849	1525602	1542770	1528074	0.89	cps
Strontium	88-1	13230449	13366887	13403359	13333565	0.68	cps
Sulfur	34-1	577850	573316	569477	573548	0.73	cps
Terbium	159-1	3638815	3571149	3570087	3593350	1.10	cps
Terbium	159-2	1736604	1749883	1747971	1744819	0.41	cps
Thallium	203-1	1235126	1240088	1261027	1245414	1.10	cps
Thallium	205-1	2999361	3005447	3078926	3027911	1.46	cps
Thorium	232-1	472	489	417	459	8.23	cps
Tin	118-1	1058690	1048425	1067266	1058127	0.89	cps
Titanium	47-1	1436769	1437802	1452953	1442508	0.63	cps
Uranium	238-1	4887335	4990220	4996335	4957963	1.24	cps
Vanadium	51-2	550786	549842	555724	552117	0.57	cps
Yttrium	89-1	3226990	3160891	3162219	3183367	1.19	cps
Yttrium	89-2	508424	512787	509962	510391	0.43	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-06	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:10:28	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	156690	157232	159545	157822	0.96	cps
Zirconium	90-1	2704432	2735289	2704642	2714788	0.65	cps
Zirconium	91-1	593280	601363	602085	598909	0.82	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472682	475096	476771	474850	0.43	cps
Antimony	121-1	1269643	1296954	1285288	1283962	1.07	cps
Arsenic	75-2	57234	57387	58788	57803	1.48	cps
Barium	135-1	1747368	1767789	1753278	1756145	0.60	cps
Barium	137-1	3026280	3055856	3059454	3047197	0.60	cps
Beryllium	9-1	473813	473560	467308	471560	0.78	cps
Bismuth	209-1	1867354	1898615	1886689	1884219	0.84	cps
Bismuth	209-2	1042155	1049010	1064623	1051929	1.09	cps
Boron	10-1	78949	80448	82442	80613	2.17	cps
Boron	11-1	362678	366272	376510	368487	1.95	cps
Cadmium	111-1	330982	329654	328541	329725	0.37	cps
Cadmium	106-1	36807	37041	36590	36813	0.61	cps
Cadmium	108-1	25461	25799	25277	25512	1.04	cps
Calcium	43-1	2454086	2458983	2465031	2459366	0.22	cps
Calcium	44-1	39107620	39393418	39300945	39267327	0.37	cps
Chromium	52-2	633112	638932	648359	640135	1.20	cps
Cobalt	59-2	844039	844733	856842	848538	0.85	cps
Copper	63-2	1062723	1065323	1078874	1068973	0.81	cps
Dysprosium	156-1	25	33	33	31	15.75	cps
Dysprosium	156-2	30	33	40	34	14.78	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	57	50	53	53	6.25	cps
Holmium	165-1	3370478	3402747	3403494	3392240	0.56	cps
Holmium	165-2	1720972	1702698	1727008	1716893	0.74	cps
Indium	115-1	2347866	2370153	2374997	2364339	0.61	cps
Indium	115-2	509275	511159	518180	512871	0.91	cps
Iron	56-2	24569376	24796314	24679151	24681614	0.46	cps
Iron	57-2	591054	599084	603820	597986	1.08	cps
Krypton	83-1	160	140	197	166	17.36	cps
Lead	206-1	1026930	1028738	1030328	1028665	0.17	cps
Lead	207-1	926875	925925	935686	929495	0.58	cps
Lead	208-1	4134129	4179924	4178037	4164030	0.62	cps
Lithium	6-1	1210470	1204445	1194783	1203233	0.66	cps
Magnesium	24-2	7419932	7453932	7599989	7491285	1.28	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	713955	727624	733363	724981	1.38	cps
Molybdenum	94-1	3191351	3251451	3233529	3225444	0.96	cps
Molybdenum	95-1	4007700	4104801	4066478	4059660	1.20	cps
Molybdenum	96-1	4433768	4499285	4450643	4461232	0.76	cps
Molybdenum	97-1	2450029	2472944	2477399	2466791	0.60	cps
Molybdenum	98-1	6433538	6463255	6450686	6449160	0.23	cps
Neodymium	150-1	173	127	120	140	20.76	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	256797	258020	260109	258309	0.65	cps
Phosphorus	31-2	100	75	83	86	14.78	cps
Potassium	39-2	2694715	2705015	2711135	2703622	0.31	cps
Rhodium	103-1	2330392	2341257	2344414	2338687	0.31	cps
Rhodium	103-2	1204334	1210002	1221283	1211873	0.71	cps
Scandium	45-1	2478428	2500343	2506921	2495231	0.60	cps
Scandium	45-2	130145	131760	132119	131341	0.80	cps
Selenium	77-2	1483	1510	1607	1533	4.23	cps
Selenium	78-2	5140	5084	5257	5160	1.70	cps
Selenium	82-1	29479	29816	29414	29569	0.73	cps
Silicon	28-1	14829691	14849032	14871900	14850208	0.14	cps
Silver	109-1	1444060	1461952	1462028	1456013	0.71	cps
Silver	107-1	1501613	1513146	1506937	1507232	0.38	cps
Sodium	23-2	13792491	13776161	13916502	13828385	0.56	cps
Strontium	86-1	1506941	1502346	1494170	1501152	0.43	cps
Strontium	88-1	13165684	13180553	13137445	13161227	0.17	cps
Sulfur	34-1	559013	549378	548853	552415	1.04	cps
Terbium	159-1	3546959	3588529	3578503	3571330	0.61	cps
Terbium	159-2	1729531	1739406	1753349	1740762	0.69	cps
Thallium	203-1	1215045	1229297	1229157	1224500	0.67	cps
Thallium	205-1	2980811	3014168	3035743	3010240	0.92	cps
Thorium	232-1	267	317	217	267	18.75	cps
Tin	118-1	1035851	1051883	1037469	1041734	0.85	cps
Titanium	47-1	1404836	1418009	1400443	1407763	0.65	cps
Uranium	238-1	4865667	4893941	4914754	4891454	0.50	cps
Vanadium	51-2	533647	544604	547382	541878	1.34	cps
Yttrium	89-1	3151519	3186807	3195661	3177996	0.73	cps
Yttrium	89-2	501114	507102	510344	506186	0.93	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-07	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:15:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	152132	152924	154005	153020	0.61	cps
Zirconium	90-1	2643627	2654439	2684371	2660812	0.79	cps
Zirconium	91-1	578060	587896	589292	585083	1.05	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472466	473521	478715	474900	0.70	cps
Antimony	121-1	1277342	1293264	1301083	1290563	0.94	cps
Arsenic	75-2	57100	58026	58751	57959	1.43	cps
Barium	135-1	1755719	1768060	1815253	1779678	1.77	cps
Barium	137-1	3029909	3076675	3139803	3082129	1.79	cps
Beryllium	9-1	467144	462124	466316	465195	0.58	cps
Bismuth	209-1	1876567	1906971	1908964	1897501	0.96	cps
Bismuth	209-2	1060891	1078013	1081937	1073614	1.04	cps
Boron	10-1	79777	81679	81352	80936	1.26	cps
Boron	11-1	366827	374007	377301	372712	1.44	cps
Cadmium	111-1	329842	333332	339181	334118	1.41	cps
Cadmium	106-1	36816	36866	37968	37216	1.75	cps
Cadmium	108-1	25143	25277	25068	25163	0.42	cps
Calcium	43-1	2435654	2451226	2447506	2444796	0.33	cps
Calcium	44-1	38783465	39263408	39436952	39161275	0.86	cps
Chromium	52-2	648413	646052	651179	648548	0.40	cps
Cobalt	59-2	856312	861347	868455	862038	0.71	cps
Copper	63-2	1070941	1086230	1092923	1083365	1.04	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	20	33	47	33	40.01	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	7	27	3	12	103.26	cps
Gadolinium	160-1	0	33	0	11	173.21	cps
Gadolinium	160-2	43	73	40	52	35.16	cps
Holmium	165-1	3386979	3462870	3504249	3451366	1.72	cps
Holmium	165-2	1741073	1740561	1762282	1747972	0.71	cps
Indium	115-1	2345275	2380090	2416546	2380637	1.50	cps
Indium	115-2	517274	518675	523487	519812	0.63	cps
Iron	56-2	24737423	24709036	24762106	24736189	0.11	cps
Iron	57-2	601026	604143	609913	605027	0.75	cps
Krypton	83-1	143	150	153	149	3.42	cps
Lead	206-1	1022789	1039342	1055603	1039245	1.58	cps
Lead	207-1	927678	944502	948713	940298	1.18	cps
Lead	208-1	4182055	4217197	4252217	4217156	0.83	cps
Lithium	6-1	1172903	1173083	1175659	1173882	0.13	cps
Magnesium	24-2	7439170	7406322	7477252	7440915	0.48	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	725994	732665	739093	732584	0.89	cps
Molybdenum	94-1	3238512	3282486	3272966	3264655	0.71	cps
Molybdenum	95-1	4058404	4111213	4134660	4101426	0.95	cps
Molybdenum	96-1	4482029	4529863	4591479	4534457	1.21	cps
Molybdenum	97-1	2443666	2473725	2513226	2476872	1.41	cps
Molybdenum	98-1	6453436	6545816	6620886	6540046	1.28	cps
Neodymium	150-1	113	107	80	100	17.64	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	257640	262030	263780	261150	1.21	cps
Phosphorus	31-2	117	108	83	103	16.88	cps
Potassium	39-2	2720929	2713966	2727050	2720648	0.24	cps
Rhodium	103-1	2319967	2380617	2406242	2368942	1.87	cps
Rhodium	103-2	1214627	1229047	1234517	1226064	0.84	cps
Scandium	45-1	2461013	2510187	2524853	2498684	1.34	cps
Scandium	45-2	129934	131995	132634	131521	1.07	cps
Selenium	77-2	1623	1543	1567	1578	2.61	cps
Selenium	78-2	4986	5144	5190	5106	2.09	cps
Selenium	82-1	29588	29898	29854	29780	0.56	cps
Silicon	28-1	14730087	14767960	14695145	14731064	0.25	cps
Silver	109-1	1451006	1456709	1484539	1464085	1.23	cps
Silver	107-1	1517269	1523637	1537058	1525988	0.66	cps
Sodium	23-2	14026051	13985779	14064653	14025495	0.28	cps
Strontium	86-1	1510195	1518407	1533493	1520698	0.78	cps
Strontium	88-1	13103250	13200076	13426041	13243122	1.25	cps
Sulfur	34-1	550767	546665	541971	546468	0.81	cps
Terbium	159-1	3549258	3646067	3685505	3626943	1.93	cps
Terbium	159-2	1759810	1760980	1779433	1766741	0.62	cps
Thallium	203-1	1239431	1249561	1256358	1248450	0.68	cps
Thallium	205-1	2994821	3024231	3056193	3025082	1.01	cps
Thorium	232-1	206	206	244	219	10.27	cps
Tin	118-1	1045413	1051619	1071515	1056183	1.29	cps
Titanium	47-1	1406753	1421807	1422813	1417124	0.63	cps
Uranium	238-1	4917069	4939490	5022580	4959713	1.12	cps
Vanadium	51-2	544795	549090	551746	548544	0.64	cps
Yttrium	89-1	3159556	3191751	3243353	3198220	1.32	cps
Yttrium	89-2	509434	512283	515694	512470	0.61	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-05A	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:19:36	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153426	155761	158025	155737	1.48	cps
Zirconium	90-1	2669542	2686408	2710573	2688841	0.77	cps
Zirconium	91-1	588374	594967	597643	593661	0.80	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	642	492	561	13.48	cps
Antimony	121-1	5685	5535	5927	5715	3.46	cps
Arsenic	75-2	83	52	56	64	27.06	cps
Barium	135-1	72557	70044	71878	71493	1.82	cps
Barium	137-1	125278	124588	125008	124958	0.28	cps
Beryllium	9-1	120	120	77	106	23.70	cps
Bismuth	209-1	1953682	1939960	1972375	1955339	0.83	cps
Bismuth	209-2	1078243	1104283	1058511	1080346	2.13	cps
Boron	10-1	67761	68615	68925	68434	0.88	cps
Boron	11-1	320697	325462	332257	326139	1.78	cps
Cadmium	111-1	1979	1798	1740	1839	6.79	cps
Cadmium	106-1	1267	992	967	1075	15.48	cps
Cadmium	108-1	100	96	71	89	17.74	cps
Calcium	43-1	752085	732032	740655	741591	1.36	cps
Calcium	44-1	12126967	12053843	12149212	12110007	0.41	cps
Chromium	52-2	2003345	1997612	1935457	1978805	1.90	cps
Cobalt	59-2	887	947	883	906	3.94	cps
Copper	63-2	10611	10314	10104	10343	2.46	cps
Dysprosium	156-1	208	125	167	167	25.00	cps
Dysprosium	156-2	100	93	130	108	18.12	cps
Erbium	164-1	225	217	133	192	26.45	cps
Erbium	164-2	83	120	107	103	17.96	cps
Gadolinium	160-1	233	183	167	194	17.85	cps
Gadolinium	160-2	133	180	177	163	15.94	cps
Holmium	165-1	3479725	3437786	3482451	3466654	0.72	cps
Holmium	165-2	1766606	1787633	1719597	1757946	1.98	cps
Indium	115-1	2455177	2459771	2476852	2463933	0.46	cps
Indium	115-2	528587	535361	526983	530310	0.84	cps
Iron	56-2	17872	17527	17388	17596	1.42	cps
Iron	57-2	5240	5512	5190	5314	3.26	cps
Krypton	83-1	137	147	137	140	4.12	cps
Lead	206-1	2528	2684	2356	2523	6.50	cps
Lead	207-1	2178	2217	2184	2193	0.96	cps
Lead	208-1	10202	10396	9563	10054	4.34	cps
Lithium	6-1	1143699	1143147	1161889	1149578	0.93	cps
Magnesium	24-2	1348929	1372005	1320430	1347121	1.92	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	780243	798652	774578	784491	1.60	cps
Molybdenum	94-1	1633	1717	1734	1695	3.16	cps
Molybdenum	95-1	2809	2450	2950	2736	9.42	cps
Molybdenum	96-1	2842	2925	2642	2803	5.20	cps
Molybdenum	97-1	1575	1517	1784	1625	8.63	cps
Molybdenum	98-1	4668	4101	4167	4312	7.19	cps
Neodymium	150-1	240	320	173	244	30.04	cps
Neodymium	150-2	113	133	100	116	14.52	cps
Nickel	60-2	8884	9189	8617	8896	3.22	cps
Phosphorus	31-2	242	225	200	222	9.44	cps
Potassium	39-2	256776	257369	250618	254921	1.47	cps
Rhodium	103-1	2423089	2427473	2447173	2432578	0.53	cps
Rhodium	103-2	1236824	1262494	1226280	1241866	1.50	cps
Scandium	45-1	2538431	2500303	2543014	2527249	0.93	cps
Scandium	45-2	132766	133438	129245	131816	1.71	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	56	46	63	55	15.19	cps
Selenium	82-1	89	99	94	94	5.18	cps
Silicon	28-1	12779824	12778816	12824291	12794310	0.20	cps
Silver	109-1	683	525	467	558	20.08	cps
Silver	107-1	642	458	375	492	27.75	cps
Sodium	23-2	30337715	30156958	29218608	29904427	2.01	cps
Strontium	86-1	161364	160419	158304	160029	0.98	cps
Strontium	88-1	1354340	1354951	1357602	1355631	0.13	cps
Sulfur	34-1	698711	685353	693424	692496	0.97	cps
Terbium	159-1	3637002	3627303	3671327	3645210	0.63	cps
Terbium	159-2	1785781	1807436	1742200	1778472	1.87	cps
Thallium	203-1	292	300	308	300	2.78	cps
Thallium	205-1	708	567	575	617	12.89	cps
Thorium	232-1	67	67	61	65	4.95	cps
Tin	118-1	3776	3751	3276	3601	7.83	cps
Titanium	47-1	367	433	517	439	17.13	cps
Uranium	238-1	2059	2067	2284	2136	5.97	cps
Vanadium	51-2	590	557	583	577	3.06	cps
Yttrium	89-1	3234625	3249214	3276801	3253547	0.66	cps
Yttrium	89-2	513773	519367	513364	515501	0.65	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:24:13	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3694	3851	3741	3762	2.14	cps
Zirconium	90-1	708	617	775	700	11.36	cps
Zirconium	91-1	142	108	175	142	23.53	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	533	692	572	18.44	cps
Antimony	121-1	5660	5701	5693	5685	0.39	cps
Arsenic	75-2	65	37	59	54	27.37	cps
Barium	135-1	73000	74568	73637	73735	1.07	cps
Barium	137-1	130795	128550	127473	128939	1.31	cps
Beryllium	9-1	93	93	83	90	6.41	cps
Bismuth	209-1	1933387	1933241	1930157	1932262	0.09	cps
Bismuth	209-2	1067782	1066305	1090424	1074837	1.26	cps
Boron	10-1	67585	70356	70281	69407	2.27	cps
Boron	11-1	327390	331048	332693	330377	0.82	cps
Cadmium	111-1	1900	1756	1747	1801	4.78	cps
Cadmium	106-1	1033	992	1008	1011	2.07	cps
Cadmium	108-1	75	79	67	74	8.65	cps
Calcium	43-1	761817	764203	762077	762699	0.17	cps
Calcium	44-1	12287758	12477609	12461667	12409011	0.85	cps
Chromium	52-2	2084207	2101831	2108179	2098073	0.59	cps
Cobalt	59-2	817	930	917	888	6.98	cps
Copper	63-2	11978	11932	12132	12014	0.87	cps
Dysprosium	156-1	200	167	200	189	10.19	cps
Dysprosium	156-2	160	140	70	123	38.32	cps
Erbium	164-1	142	142	183	156	15.47	cps
Erbium	164-2	90	113	90	98	13.78	cps
Gadolinium	160-1	208	167	233	203	16.61	cps
Gadolinium	160-2	147	170	170	162	8.30	cps
Holmium	165-1	3440492	3475405	3479877	3465258	0.62	cps
Holmium	165-2	1757789	1745452	1767053	1756765	0.62	cps
Indium	115-1	2458781	2462465	2459078	2460108	0.08	cps
Indium	115-2	524374	530795	539656	531609	1.44	cps
Iron	56-2	17478	17589	17817	17628	0.98	cps
Iron	57-2	5657	5612	5751	5673	1.25	cps
Krypton	83-1	97	97	137	110	20.99	cps
Lead	206-1	2128	1934	2084	2048	4.98	cps
Lead	207-1	1667	1661	1761	1696	3.31	cps
Lead	208-1	8223	7990	7746	7986	2.99	cps
Lithium	6-1	1093404	1079845	1065983	1079744	1.27	cps
Magnesium	24-2	1378548	1390327	1407059	1391978	1.03	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	819867	826362	832100	826110	0.74	cps
Molybdenum	94-1	1425	1642	1525	1531	7.09	cps
Molybdenum	95-1	2134	2359	2300	2264	5.16	cps
Molybdenum	96-1	2467	2217	2334	2339	5.35	cps
Molybdenum	97-1	1475	1225	1400	1367	9.39	cps
Molybdenum	98-1	3751	3634	3692	3692	1.58	cps
Neodymium	150-1	273	273	273	273	0.00	cps
Neodymium	150-2	160	147	97	134	24.83	cps
Nickel	60-2	9972	10137	9838	9983	1.50	cps
Phosphorus	31-2	308	233	192	244	24.19	cps
Potassium	39-2	260702	268259	269106	266022	1.74	cps
Rhodium	103-1	2420153	2409887	2439736	2423259	0.63	cps
Rhodium	103-2	1233136	1236566	1247801	1239168	0.62	cps
Scandium	45-1	2476723	2510341	2514425	2500496	0.83	cps
Scandium	45-2	129312	128576	132529	130139	1.62	cps
Selenium	77-2	10	17	7	11	45.82	cps
Selenium	78-2	65	43	57	55	20.60	cps
Selenium	82-1	154	89	116	120	27.45	cps
Silicon	28-1	13045084	13241477	13184661	13157074	0.77	cps
Silver	109-1	267	283	333	294	11.78	cps
Silver	107-1	417	350	383	383	8.70	cps
Sodium	23-2	30819993	31278442	31207186	31101874	0.79	cps
Strontium	86-1	166885	164324	164489	165233	0.87	cps
Strontium	88-1	1400984	1392831	1392426	1395414	0.35	cps
Sulfur	34-1	716242	701997	700361	706200	1.24	cps
Terbium	159-1	3604998	3622451	3626368	3617939	0.31	cps
Terbium	159-2	1790372	1779565	1791930	1787289	0.38	cps
Thallium	203-1	108	92	117	106	12.06	cps
Thallium	205-1	292	267	200	253	18.75	cps
Thorium	232-1	28	39	78	48	54.53	cps
Tin	118-1	2517	2467	2484	2489	1.02	cps
Titanium	47-1	267	325	283	292	10.30	cps
Uranium	238-1	2084	2100	2009	2064	2.37	cps
Vanadium	51-2	527	550	597	558	6.39	cps
Yttrium	89-1	3221613	3249979	3227813	3233135	0.46	cps
Yttrium	89-2	515242	513038	514351	514210	0.22	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:27:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3631	3627	3621	3626	0.14	cps
Zirconium	90-1	492	483	575	517	9.81	cps
Zirconium	91-1	142	142	117	133	10.83	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	150	167	150	11.11	cps
Antimony	121-1	1342	1383	1392	1372	1.95	cps
Arsenic	75-2	30	24	24	26	12.38	cps
Barium	135-1	15150	14692	15009	14950	1.57	cps
Barium	137-1	26935	26743	25875	26518	2.13	cps
Beryllium	9-1	40	67	67	58	26.65	cps
Bismuth	209-1	2073006	2088873	2075054	2078978	0.42	cps
Bismuth	209-2	1156147	1198528	1115482	1156719	3.59	cps
Boron	10-1	20189	19613	19346	19716	2.18	cps
Boron	11-1	90370	89188	91074	90211	1.06	cps
Cadmium	111-1	883	1132	878	964	15.06	cps
Cadmium	106-1	900	1217	958	1025	16.44	cps
Cadmium	108-1	8	17	38	21	72.12	cps
Calcium	43-1	162062	163619	161894	162525	0.59	cps
Calcium	44-1	2587236	2632173	2607987	2609132	0.86	cps
Chromium	52-2	448720	446722	452136	449193	0.61	cps
Cobalt	59-2	187	193	190	190	1.76	cps
Copper	63-2	3354	3757	3647	3586	5.82	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	23	33	23	27	21.65	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	87	67	57	70	21.82	cps
Holmium	165-1	3603195	3591850	3625281	3606775	0.47	cps
Holmium	165-2	1858081	1914935	1781913	1851643	3.60	cps
Indium	115-1	2636638	2600641	2640392	2625890	0.84	cps
Indium	115-2	567704	594367	556693	572922	3.38	cps
Iron	56-2	7041	7007	7135	7061	0.94	cps
Iron	57-2	1450	1300	1350	1367	5.59	cps
Krypton	83-1	117	157	163	146	17.34	cps
Lead	206-1	1145	1045	1017	1069	6.29	cps
Lead	207-1	1000	956	822	926	9.99	cps
Lead	208-1	4262	4050	4039	4117	3.04	cps
Lithium	6-1	1304054	1270623	1285209	1286629	1.30	cps
Magnesium	24-2	297039	293973	294157	295056	0.58	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175847	175664	175192	175568	0.19	cps
Molybdenum	94-1	500	367	450	439	15.35	cps
Molybdenum	95-1	458	508	608	525	14.55	cps
Molybdenum	96-1	592	542	433	522	15.50	cps
Molybdenum	97-1	442	408	275	375	23.52	cps
Molybdenum	98-1	825	833	1075	911	15.59	cps
Neodymium	150-1	53	47	60	53	12.50	cps
Neodymium	150-2	23	33	30	29	17.63	cps
Nickel	60-2	2004	2100	2289	2131	6.81	cps
Phosphorus	31-2	158	92	117	122	27.56	cps
Potassium	39-2	67487	65394	65536	66139	1.77	cps
Rhodium	103-1	2610020	2612875	2600501	2607798	0.25	cps
Rhodium	103-2	1317012	1367714	1289141	1324622	3.01	cps
Scandium	45-1	2656605	2677874	2673787	2669422	0.42	cps
Scandium	45-2	136623	142609	134555	137929	3.03	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	30	28	31	30	6.24	cps
Selenium	82-1	19	26	27	24	17.61	cps
Silicon	28-1	2853446	2881043	2871542	2868677	0.49	cps
Silver	109-1	150	108	108	122	19.68	cps
Silver	107-1	192	150	167	169	12.38	cps
Sodium	23-2	6485263	6411176	6400061	6432167	0.72	cps
Strontium	86-1	34693	33807	33758	34086	1.54	cps
Strontium	88-1	298201	289102	287546	291616	1.97	cps
Sulfur	34-1	291276	287828	280747	286617	1.87	cps
Terbium	159-1	3759483	3768057	3818808	3782116	0.85	cps
Terbium	159-2	1896413	1928765	1838555	1887911	2.42	cps
Thallium	203-1	67	67	108	81	29.86	cps
Thallium	205-1	175	83	142	133	34.80	cps
Thorium	232-1	33	28	33	31	10.18	cps
Tin	118-1	467	367	425	419	11.98	cps
Titanium	47-1	142	117	150	136	12.75	cps
Uranium	238-1	417	433	483	444	7.81	cps
Vanadium	51-2	180	147	177	168	10.94	cps
Yttrium	89-1	3405181	3397804	3406776	3403254	0.14	cps
Yttrium	89-2	540188	559440	529905	543178	2.76	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 17:31:40	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1157	1137	1123	3.71	cps
Zirconium	90-1	408	300	333	347	15.98	cps
Zirconium	91-1	83	42	92	72	37.09	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MS Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 17:35:16 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470374	469354	463627	467785	0.78	cps
Antimony	121-1	1280379	1264714	1276834	1273976	0.64	cps
Arsenic	75-2	57270	57768	57653	57563	0.45	cps
Barium	135-1	1787178	1756966	1785971	1776705	0.96	cps
Barium	137-1	3129492	3098961	3107238	3111897	0.51	cps
Beryllium	9-1	441757	443475	439847	441693	0.41	cps
Bismuth	209-1	1918097	1908364	1830040	1885500	2.56	cps
Bismuth	209-2	1072352	1071849	1067535	1070579	0.25	cps
Boron	10-1	133680	136000	138861	136180	1.91	cps
Boron	11-1	626353	614193	633672	624740	1.57	cps
Cadmium	111-1	328226	328450	325769	327482	0.45	cps
Cadmium	106-1	34911	35671	35679	35420	1.25	cps
Cadmium	108-1	25578	24822	25511	25303	1.65	cps
Calcium	43-1	1339420	1329443	1340899	1336587	0.47	cps
Calcium	44-1	21865503	21501581	21662523	21676536	0.84	cps
Chromium	52-2	2637387	2597531	2597266	2610728	0.88	cps
Cobalt	59-2	851055	856243	854040	853779	0.31	cps
Copper	63-2	1093345	1091818	1101018	1095394	0.45	cps
Dysprosium	156-1	225	258	200	228	12.85	cps
Dysprosium	156-2	193	133	147	158	19.97	cps
Erbium	164-1	158	175	150	161	7.90	cps
Erbium	164-2	147	73	117	112	32.86	cps
Gadolinium	160-1	233	242	217	231	5.52	cps
Gadolinium	160-2	163	107	217	162	33.91	cps
Holmium	165-1	3493520	3520031	3350825	3454792	2.63	cps
Holmium	165-2	1789948	1774630	1770623	1778400	0.57	cps
Indium	115-1	2417366	2417930	2287430	2374242	3.17	cps
Indium	115-2	526903	528096	530865	528621	0.38	cps
Iron	56-2	24713152	24645767	24439607	24599508	0.58	cps
Iron	57-2	592183	593473	593117	592925	0.11	cps
Krypton	83-1	157	167	153	159	4.37	cps
Lead	206-1	1019000	1016263	1025870	1020378	0.49	cps
Lead	207-1	927219	914113	924282	921871	0.75	cps
Lead	208-1	4154033	4115988	4174997	4148339	0.72	cps
Lithium	6-1	1132630	1108514	1083056	1108067	2.24	cps
Magnesium	24-2	7093753	7027313	7023804	7048290	0.56	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MS	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:35:16	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1496204	1493559	1491113	1493625	0.17	cps
Molybdenum	94-1	3208981	3224375	3197298	3210218	0.42	cps
Molybdenum	95-1	4061424	4062608	4100236	4074756	0.54	cps
Molybdenum	96-1	4488157	4442280	4509943	4480127	0.77	cps
Molybdenum	97-1	2495926	2479702	2503635	2493087	0.49	cps
Molybdenum	98-1	6535659	6444598	6507503	6495920	0.72	cps
Neodymium	150-1	427	400	300	376	17.78	cps
Neodymium	150-2	117	97	120	111	11.36	cps
Nickel	60-2	266659	267427	270072	268053	0.67	cps
Phosphorus	31-2	200	192	192	194	2.47	cps
Potassium	39-2	2874901	2823453	2813182	2837179	1.17	cps
Rhodium	103-1	2392039	2388445	2236625	2339037	3.79	cps
Rhodium	103-2	1236764	1250202	1237263	1241410	0.61	cps
Scandium	45-1	2512388	2499445	2387712	2466515	2.78	cps
Scandium	45-2	133300	133142	133435	133292	0.11	cps
Selenium	77-2	1427	1483	1537	1482	3.71	cps
Selenium	78-2	5225	5049	5058	5111	1.94	cps
Selenium	82-1	29432	29104	28741	29092	1.19	cps
Silicon	28-1	13944866	13729009	13899628	13857835	0.82	cps
Silver	109-1	1430269	1441315	1414231	1428605	0.95	cps
Silver	107-1	1500355	1477701	1474411	1484156	0.95	cps
Sodium	23-2	42269183	41627868	41479525	41792192	1.00	cps
Strontium	86-1	638669	627050	625050	630256	1.17	cps
Strontium	88-1	5430951	5351969	5389055	5390658	0.73	cps
Sulfur	34-1	693772	675293	673736	680934	1.64	cps
Terbium	159-1	3645738	3664398	3472641	3594259	2.94	cps
Terbium	159-2	1815886	1787664	1788181	1797244	0.90	cps
Thallium	203-1	1219906	1217821	1226471	1221399	0.37	cps
Thallium	205-1	2983505	2999312	3023331	3002049	0.67	cps
Thorium	232-1	139	172	217	176	22.18	cps
Tin	118-1	1043439	1037137	1028901	1036492	0.70	cps
Titanium	47-1	1388900	1377209	1407030	1391046	1.08	cps
Uranium	238-1	4961855	4902583	4976841	4947093	0.79	cps
Vanadium	51-2	545485	544493	541456	543811	0.39	cps
Yttrium	89-1	3250685	3227991	3042713	3173796	3.59	cps
Yttrium	89-2	522933	521835	522483	522417	0.11	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MS	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:35:16	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	155950	156144	155262	155785	0.30	cps
Zirconium	90-1	2664632	2664321	2618122	2649025	1.01	cps
Zirconium	91-1	587452	580609	577186	581749	0.90	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2814955	2861023	2883909	2853295	1.23	cps
Antimony	121-1	1240839	1241865	1227692	1236799	0.64	cps
Arsenic	75-2	60179	61725	62625	61510	2.01	cps
Barium	135-1	1740868	1741674	1707915	1730152	1.11	cps
Barium	137-1	3051795	3019383	2976225	3015801	1.26	cps
Beryllium	9-1	511014	504985	507983	507994	0.59	cps
Bismuth	209-1	1947272	1931634	1890020	1922975	1.54	cps
Bismuth	209-2	1104620	1132777	1141226	1126208	1.70	cps
Boron	10-1	81914	82131	82902	82316	0.63	cps
Boron	11-1	367337	378917	378420	374891	1.75	cps
Cadmium	111-1	361637	361686	361171	361498	0.08	cps
Cadmium	106-1	40375	39932	41152	40486	1.53	cps
Cadmium	108-1	28462	27681	27423	27855	1.94	cps
Calcium	43-1	3434328	3418085	3362088	3404834	1.11	cps
Calcium	44-1	54459107	54294999	54412476	54388861	0.16	cps
Chromium	52-2	676246	689252	697336	687611	1.55	cps
Cobalt	59-2	899459	911296	927466	912740	1.54	cps
Copper	63-2	1100447	1119953	1137896	1119432	1.67	cps
Dysprosium	156-1	42	25	50	39	32.73	cps
Dysprosium	156-2	50	33	50	44	21.66	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	67	37	80	61	36.31	cps
Holmium	165-1	3695355	3709341	3639118	3681271	1.01	cps
Holmium	165-2	1910846	1923887	1927973	1920902	0.47	cps
Indium	115-1	2566564	2587657	2551377	2568533	0.71	cps
Indium	115-2	593054	609594	617918	606855	2.09	cps
Iron	56-2	139668617	140332070	141204003	140401563	0.55	cps
Iron	57-2	3213166	3248209	3277899	3246425	1.00	cps
Krypton	83-1	97	90	167	118	36.06	cps
Lead	206-1	980243	962030	948378	963550	1.66	cps
Lead	207-1	889023	874329	859887	874413	1.67	cps
Lead	208-1	3992998	3924962	3858713	3925558	1.71	cps
Lithium	6-1	1455604	1466974	1449563	1457380	0.61	cps
Magnesium	24-2	30753267	31208377	30913010	30958218	0.75	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	761637	773545	782259	772480	1.34	cps
Molybdenum	94-1	3867596	3842175	3794780	3834850	0.96	cps
Molybdenum	95-1	5007276	5022351	4954209	4994612	0.72	cps
Molybdenum	96-1	5515205	5474397	5438486	5476029	0.70	cps
Molybdenum	97-1	3058998	3044637	3019196	3040944	0.66	cps
Molybdenum	98-1	7952177	7975912	7827054	7918381	1.01	cps
Neodymium	150-1	120	120	120	120	0.00	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	271241	274154	277701	274365	1.18	cps
Phosphorus	31-2	29563	31250	30231	30348	2.80	cps
Potassium	39-2	14545053	14708977	14922088	14725373	1.28	cps
Rhodium	103-1	2506119	2510145	2467599	2494621	0.94	cps
Rhodium	103-2	1297272	1332190	1342435	1323966	1.79	cps
Scandium	45-1	2824431	2833471	2810401	2822767	0.41	cps
Scandium	45-2	150852	153263	155674	153263	1.57	cps
Selenium	77-2	1560	1730	1637	1642	5.18	cps
Selenium	78-2	5529	5601	5738	5623	1.89	cps
Selenium	82-1	29125	28970	29136	29077	0.32	cps
Silicon	28-1	1979676	2034067	2050465	2021402	1.83	cps
Silver	109-1	1672591	1658899	1623742	1651744	1.53	cps
Silver	107-1	1736224	1745249	1747999	1743157	0.35	cps
Sodium	23-2	60978818	62131731	61932468	61681006	1.00	cps
Strontium	86-1	524473	517405	517491	519790	0.78	cps
Strontium	88-1	4515568	4485187	4454662	4485139	0.68	cps
Sulfur	34-1	398152	399133	396842	398042	0.29	cps
Terbium	159-1	3874626	3852852	3812771	3846750	0.82	cps
Terbium	159-2	1941493	1964793	1988048	1964778	1.18	cps
Thallium	203-1	1207316	1177576	1165095	1183329	1.83	cps
Thallium	205-1	2937384	2919256	2871377	2909339	1.17	cps
Thorium	232-1	4985499	4982047	4876479	4948008	1.25	cps
Tin	118-1	1057612	1046866	1047505	1050661	0.57	cps
Titanium	47-1	1783713	1768498	1771441	1774551	0.45	cps
Uranium	238-1	4890413	4808748	4756226	4818462	1.40	cps
Vanadium	51-2	582815	599897	603040	595250	1.83	cps
Yttrium	89-1	3546008	3518684	3490374	3518355	0.79	cps
Yttrium	89-2	590469	603759	617054	603760	2.20	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:42:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	162271	166001	168128	165466	1.79	cps
Zirconium	90-1	2965622	2917095	2904259	2928992	1.10	cps
Zirconium	91-1	634519	637820	630034	634124	0.62	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	117	125	117	7.14	cps
Antimony	121-1	567	758	875	733	21.23	cps
Arsenic	75-2	2	7	0	3	124.95	cps
Barium	135-1	42	42	92	58	49.48	cps
Barium	137-1	100	117	100	106	9.11	cps
Beryllium	9-1	83	103	100	96	11.22	cps
Bismuth	209-1	2021006	2028380	1997185	2015524	0.81	cps
Bismuth	209-2	1161417	1170138	1168905	1166820	0.40	cps
Boron	10-1	5860	5126	5568	5518	6.69	cps
Boron	11-1	26491	25481	25272	25748	2.53	cps
Cadmium	111-1	804	824	785	804	2.41	cps
Cadmium	106-1	1117	1150	1058	1108	4.19	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	225	158	275	219	26.67	cps
Calcium	44-1	12155	12339	12464	12319	1.26	cps
Chromium	52-2	683	680	737	700	4.54	cps
Cobalt	59-2	23	27	43	31	34.44	cps
Copper	63-2	470	450	457	459	2.22	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	47	47	60	51	15.06	cps
Holmium	165-1	3581366	3612585	3516510	3570154	1.37	cps
Holmium	165-2	1874262	1887171	1874973	1878802	0.39	cps
Indium	115-1	2671530	2696362	2663190	2677027	0.64	cps
Indium	115-2	606978	606277	610849	608034	0.40	cps
Iron	56-2	5673	5334	5518	5509	3.08	cps
Iron	57-2	300	272	228	267	13.66	cps
Krypton	83-1	143	153	133	143	6.98	cps
Lead	206-1	1195	1089	1283	1189	8.19	cps
Lead	207-1	1006	806	956	922	11.29	cps
Lead	208-1	4456	4306	4617	4460	3.49	cps
Lithium	6-1	1486921	1466229	1466943	1473365	0.80	cps
Magnesium	24-2	642	750	692	694	7.81	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	37	57	39	43.15	cps
Molybdenum	94-1	583	633	567	594	5.84	cps
Molybdenum	95-1	708	700	583	664	10.53	cps
Molybdenum	96-1	750	758	917	808	11.62	cps
Molybdenum	97-1	408	342	467	406	15.42	cps
Molybdenum	98-1	1075	1125	1092	1097	2.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	39	35	48	41	17.18	cps
Phosphorus	31-2	58	117	75	83	36.05	cps
Potassium	39-2	15817	14783	16076	15559	4.40	cps
Rhodium	103-1	2736413	2718915	2691665	2715664	0.83	cps
Rhodium	103-2	1381912	1377661	1383373	1380982	0.21	cps
Scandium	45-1	2902849	2879283	2834878	2872337	1.20	cps
Scandium	45-2	145406	146536	146526	146156	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	26	54	43	34.90	cps
Selenium	82-1	21	12	17	17	26.34	cps
Silicon	28-1	118584	117115	116827	117509	0.80	cps
Silver	109-1	500	342	467	436	19.14	cps
Silver	107-1	550	342	308	400	32.74	cps
Sodium	23-2	17611	17469	17127	17402	1.43	cps
Strontium	86-1	225	208	217	217	3.85	cps
Strontium	88-1	167	208	225	200	15.02	cps
Sulfur	34-1	186783	189319	189676	188593	0.84	cps
Terbium	159-1	3766287	3765273	3723446	3751669	0.65	cps
Terbium	159-2	1917558	1915622	1905251	1912810	0.35	cps
Thallium	203-1	325	283	225	278	18.08	cps
Thallium	205-1	525	642	617	594	10.33	cps
Thorium	232-1	756	700	783	746	5.69	cps
Tin	118-1	275	283	300	286	4.45	cps
Titanium	47-1	183	150	75	136	40.77	cps
Uranium	238-1	125	150	275	183	43.83	cps
Vanadium	51-2	13	30	20	21	39.75	cps
Yttrium	89-1	3521750	3543792	3465904	3510482	1.14	cps
Yttrium	89-2	575523	584978	581502	580668	0.82	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:46:48	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87	83	83	84	2.28	cps
Zirconium	90-1	442	475	533	483	9.60	cps
Zirconium	91-1	125	108	58	97	35.68	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BL	Instrumnet Name :	P7
Client Sample ID :	PB121113BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:50:24	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	100	108	94	18.37	cps
Antimony	121-1	200	258	150	203	26.74	cps
Arsenic	75-2	6	9	0	5	94.35	cps
Barium	135-1	17	0	17	11	86.60	cps
Barium	137-1	58	8	0	22	141.99	cps
Beryllium	9-1	70	77	80	76	6.74	cps
Bismuth	209-1	2070749	2043561	2063634	2059315	0.68	cps
Bismuth	209-2	1290679	1080986	1188959	1186875	8.84	cps
Boron	10-1	3259	3000	2742	3000	8.61	cps
Boron	11-1	14466	14032	13123	13874	4.94	cps
Cadmium	111-1	770	690	756	739	5.76	cps
Cadmium	106-1	1092	958	1058	1036	6.70	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	83	108	133	108	23.08	cps
Calcium	44-1	10512	9795	10029	10112	3.62	cps
Chromium	52-2	693	877	750	773	12.14	cps
Cobalt	59-2	7	20	20	16	49.47	cps
Copper	63-2	337	463	373	391	16.66	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	57	80	67	68	17.27	cps
Holmium	165-1	3621533	3609813	3597317	3609554	0.34	cps
Holmium	165-2	2073412	1739899	1897910	1903740	8.76	cps
Indium	115-1	2729370	2703691	2725229	2719430	0.51	cps
Indium	115-2	671074	565163	617592	617943	8.57	cps
Iron	56-2	2861	2673	2973	2836	5.35	cps
Iron	57-2	167	122	111	133	22.04	cps
Krypton	83-1	130	107	103	113	12.82	cps
Lead	206-1	928	989	978	965	3.37	cps
Lead	207-1	839	922	767	843	9.24	cps
Lead	208-1	3817	3784	3850	3817	0.87	cps
Lithium	6-1	1550316	1518923	1533200	1534146	1.02	cps
Magnesium	24-2	175	125	150	150	16.67	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BL	Instrumnet Name :	P7
Client Sample ID :	PB121113BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:50:24	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	27	33	29	13.31	cps
Molybdenum	94-1	317	350	358	342	6.45	cps
Molybdenum	95-1	167	133	317	206	47.51	cps
Molybdenum	96-1	258	217	192	222	15.16	cps
Molybdenum	97-1	208	225	133	189	25.85	cps
Molybdenum	98-1	317	383	317	339	11.36	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	32	25	27	16.75	cps
Phosphorus	31-2	117	142	108	122	14.19	cps
Potassium	39-2	13098	13381	12990	13156	1.54	cps
Rhodium	103-1	2780391	2765441	2753183	2766338	0.49	cps
Rhodium	103-2	1528476	1276743	1400940	1402053	8.98	cps
Scandium	45-1	2948245	2909861	2929991	2929365	0.66	cps
Scandium	45-2	164375	135370	146681	148808	9.82	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	39	44	38	16.99	cps
Selenium	82-1	29	40	39	36	16.46	cps
Silicon	28-1	115342	113294	115115	114584	0.98	cps
Silver	109-1	92	167	142	133	28.64	cps
Silver	107-1	150	192	117	153	24.60	cps
Sodium	23-2	12189	12372	12264	12275	0.75	cps
Strontium	86-1	192	192	142	175	16.50	cps
Strontium	88-1	175	125	208	169	24.75	cps
Sulfur	34-1	179940	178574	176542	178352	0.96	cps
Terbium	159-1	3842182	3847462	3847589	3845744	0.08	cps
Terbium	159-2	2131699	1765855	1944720	1947425	9.39	cps
Thallium	203-1	217	58	83	119	71.26	cps
Thallium	205-1	217	225	308	250	20.28	cps
Thorium	232-1	233	250	333	272	19.68	cps
Tin	118-1	200	267	267	244	15.75	cps
Titanium	47-1	133	108	83	108	23.08	cps
Uranium	238-1	42	33	50	42	20.00	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	3597033	3579511	3575543	3584029	0.32	cps
Yttrium	89-2	638973	537639	587556	588056	8.62	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BL	Instrumnet Name :	P7
Client Sample ID :	PB121113BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:50:24	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	113	50	91	39.12	cps
Zirconium	90-1	358	342	350	350	2.38	cps
Zirconium	91-1	117	67	83	89	28.64	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	520819	527044	523916	523926	0.59	cps
Antimony	121-1	1322752	1318760	1310614	1317375	0.47	cps
Arsenic	75-2	63004	63832	63363	63400	0.65	cps
Barium	135-1	1735593	1764601	1749708	1749967	0.83	cps
Barium	137-1	3045805	3076274	3045806	3055962	0.58	cps
Beryllium	9-1	553543	554175	549068	552262	0.50	cps
Bismuth	209-1	2032669	2015172	2011523	2019788	0.56	cps
Bismuth	209-2	1207911	1221921	1201450	1210427	0.86	cps
Boron	10-1	83907	84537	83707	84051	0.52	cps
Boron	11-1	380533	384908	382629	382690	0.57	cps
Cadmium	111-1	352932	350999	343040	348990	1.50	cps
Cadmium	106-1	40317	39757	38712	39595	2.06	cps
Cadmium	108-1	27865	26663	26701	27076	2.52	cps
Calcium	43-1	714377	705607	703590	707858	0.81	cps
Calcium	44-1	11314128	11322167	11339409	11325235	0.11	cps
Chromium	52-2	699466	699465	696174	698368	0.27	cps
Cobalt	59-2	924843	942047	920039	928976	1.25	cps
Copper	63-2	1155488	1167159	1158034	1160227	0.53	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	57	43	47	49	14.20	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	57	73	77	69	15.55	cps
Holmium	165-1	3676482	3712159	3680389	3689677	0.53	cps
Holmium	165-2	1968550	1980436	1934476	1961154	1.22	cps
Indium	115-1	2691373	2682655	2672956	2682328	0.34	cps
Indium	115-2	634423	639577	624037	632679	1.25	cps
Iron	56-2	27560236	27450982	26949274	27320164	1.19	cps
Iron	57-2	650846	656223	647032	651367	0.71	cps
Krypton	83-1	130	113	100	114	13.13	cps
Lead	206-1	994069	995265	984579	991304	0.59	cps
Lead	207-1	900083	898890	890670	896548	0.57	cps
Lead	208-1	4016209	4009076	3993553	4006279	0.29	cps
Lithium	6-1	1597719	1598447	1556442	1584203	1.52	cps
Magnesium	24-2	6353560	6316143	6254510	6308071	0.79	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	789258	795050	790926	791745	0.38	cps
Molybdenum	94-1	3893699	3883877	3879800	3885792	0.18	cps
Molybdenum	95-1	5106933	5077896	5046688	5077172	0.59	cps
Molybdenum	96-1	5618036	5580863	5621041	5606647	0.40	cps
Molybdenum	97-1	3117930	3118471	3133784	3123395	0.29	cps
Molybdenum	98-1	8162358	8123462	8133581	8139800	0.25	cps
Neodymium	150-1	120	87	100	102	16.41	cps
Neodymium	150-2	20	13	27	20	33.35	cps
Nickel	60-2	280988	283685	280292	281655	0.64	cps
Phosphorus	31-2	31042	30941	31116	31033	0.28	cps
Potassium	39-2	2900164	2910785	2861748	2890899	0.89	cps
Rhodium	103-1	2709215	2715184	2703318	2709239	0.22	cps
Rhodium	103-2	1406364	1428862	1393494	1409573	1.27	cps
Scandium	45-1	2961812	2962695	2961127	2961878	0.03	cps
Scandium	45-2	155931	155745	153866	155180	0.74	cps
Selenium	77-2	1730	1787	1717	1745	2.13	cps
Selenium	78-2	6024	5898	6057	5993	1.40	cps
Selenium	82-1	31793	32195	31737	31909	0.78	cps
Silicon	28-1	1969131	1997218	2009846	1992065	1.05	cps
Silver	109-1	1554107	1555987	1547571	1552555	0.28	cps
Silver	107-1	1623655	1630896	1634718	1629756	0.34	cps
Sodium	23-2	12636754	12592002	12490417	12573058	0.60	cps
Strontium	86-1	534830	530975	532358	532721	0.37	cps
Strontium	88-1	4542002	4570597	4549253	4553951	0.33	cps
Sulfur	34-1	424488	413515	410207	416070	1.80	cps
Terbium	159-1	3897170	3907741	3877397	3894103	0.40	cps
Terbium	159-2	2003627	2011157	1970848	1995211	1.07	cps
Thallium	203-1	1224921	1225245	1211921	1220696	0.62	cps
Thallium	205-1	2930579	2965181	2915838	2937199	0.86	cps
Thorium	232-1	4846501	4849192	4771656	4822449	0.91	cps
Tin	118-1	1090700	1083881	1079264	1084615	0.53	cps
Titanium	47-1	1878740	1870514	1856785	1868680	0.59	cps
Uranium	238-1	4668384	4713850	4615352	4665862	1.06	cps
Vanadium	51-2	602957	605770	592677	600468	1.15	cps
Yttrium	89-1	3643532	3626922	3603939	3624798	0.55	cps
Yttrium	89-2	613347	616741	604842	611643	1.00	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121113BS	Instrumnet Name :	P7
Client Sample ID :	PB121113BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:54:00	DataFile Name :	068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	173358	175387	171582	173442	1.10	cps
Zirconium	90-1	2945057	2930909	2957191	2944386	0.45	cps
Zirconium	91-1	648872	642873	644835	645527	0.47	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BL	Instrumnet Name :	P7
Client Sample ID :	PB121114BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:57:37	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	50	33	50.00	cps
Antimony	121-1	767	942	692	800	16.04	cps
Arsenic	75-2	9	11	11	10	10.18	cps
Barium	135-1	92	25	50	56	60.62	cps
Barium	137-1	167	108	67	114	44.10	cps
Beryllium	9-1	133	107	93	111	18.33	cps
Bismuth	209-1	2035574	2040358	2004412	2026781	0.96	cps
Bismuth	209-2	1198876	1195387	1200861	1198375	0.23	cps
Boron	10-1	5118	5084	4743	4982	4.17	cps
Boron	11-1	24170	22576	21700	22815	5.49	cps
Cadmium	111-1	815	797	833	815	2.20	cps
Cadmium	106-1	1108	1117	1117	1114	0.43	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	100	67	75	81	21.53	cps
Calcium	44-1	9478	9462	9487	9476	0.14	cps
Chromium	52-2	670	703	750	708	5.68	cps
Cobalt	59-2	57	40	47	48	17.56	cps
Copper	63-2	353	340	303	332	7.79	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	73	60	67	67	10.00	cps
Holmium	165-1	3577718	3567194	3539389	3561434	0.56	cps
Holmium	165-2	1922868	1899492	1920046	1914135	0.67	cps
Indium	115-1	2708717	2692984	2678206	2693302	0.57	cps
Indium	115-2	626050	621656	629760	625822	0.65	cps
Iron	56-2	2795	3012	2917	2908	3.74	cps
Iron	57-2	189	100	150	146	30.46	cps
Krypton	83-1	133	133	147	138	5.59	cps
Lead	206-1	900	761	761	807	9.93	cps
Lead	207-1	739	828	678	748	10.08	cps
Lead	208-1	3700	3523	3306	3510	5.63	cps
Lithium	6-1	1560673	1553913	1525751	1546779	1.20	cps
Magnesium	24-2	167	208	250	208	20.00	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BL	Instrumnet Name :	P7
Client Sample ID :	PB121114BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:57:37	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	87	23	53	59.63	cps
Molybdenum	94-1	742	683	442	622	25.56	cps
Molybdenum	95-1	1042	725	742	836	21.31	cps
Molybdenum	96-1	1267	958	817	1014	22.69	cps
Molybdenum	97-1	792	583	550	642	20.41	cps
Molybdenum	98-1	1442	1225	1217	1295	9.86	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	34	45	42	17.76	cps
Phosphorus	31-2	108	58	58	75	38.49	cps
Potassium	39-2	13523	13106	14674	13768	5.90	cps
Rhodium	103-1	2712680	2745682	2692858	2717074	0.98	cps
Rhodium	103-2	1410734	1390495	1410298	1403842	0.82	cps
Scandium	45-1	2901201	2899910	2855056	2885389	0.91	cps
Scandium	45-2	150115	148435	150539	149696	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	46	35	43	16.22	cps
Selenium	82-1	42	26	-7	20	123.75	cps
Silicon	28-1	131399	126380	124732	127503	2.72	cps
Silver	109-1	250	192	117	186	35.91	cps
Silver	107-1	208	133	175	172	21.82	cps
Sodium	23-2	11405	10904	11046	11118	2.32	cps
Strontium	86-1	225	217	183	208	10.58	cps
Strontium	88-1	192	208	142	181	19.22	cps
Sulfur	34-1	161642	162458	163097	162399	0.45	cps
Terbium	159-1	3774907	3772983	3754677	3767522	0.30	cps
Terbium	159-2	1955128	1930428	1958223	1947926	0.78	cps
Thallium	203-1	267	267	308	281	8.57	cps
Thallium	205-1	667	617	450	578	19.64	cps
Thorium	232-1	811	706	606	707	14.53	cps
Tin	118-1	233	275	300	269	12.50	cps
Titanium	47-1	83	117	133	111	22.91	cps
Uranium	238-1	125	150	83	119	28.20	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	3560513	3520494	3500325	3527111	0.87	cps
Yttrium	89-2	594497	587437	599084	593673	0.99	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BL	Instrumnet Name :	P7
Client Sample ID :	PB121114BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 17:57:37	DataFile Name :	069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	77	47	57	30.56	cps
Zirconium	90-1	375	375	383	378	1.27	cps
Zirconium	91-1	100	125	58	94	35.66	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531882	539343	536434	535887	0.70	cps
Antimony	121-1	1336356	1338359	1318478	1331064	0.82	cps
Arsenic	75-2	64275	64548	64585	64469	0.26	cps
Barium	135-1	1776081	1787191	1759001	1774091	0.80	cps
Barium	137-1	3088530	3131907	3057891	3092776	1.20	cps
Beryllium	9-1	565187	563334	564108	564210	0.17	cps
Bismuth	209-1	2037176	2023146	2015813	2025378	0.54	cps
Bismuth	209-2	1208432	1223451	1228503	1220129	0.86	cps
Boron	10-1	85851	86916	88291	87020	1.41	cps
Boron	11-1	389726	396684	393287	393232	0.88	cps
Cadmium	111-1	359285	353470	350798	354518	1.22	cps
Cadmium	106-1	40451	40099	39314	39955	1.46	cps
Cadmium	108-1	28500	27030	27502	27677	2.71	cps
Calcium	43-1	720193	718078	714626	717632	0.39	cps
Calcium	44-1	11517026	11493289	11381111	11463809	0.63	cps
Chromium	52-2	699283	708450	706640	704791	0.69	cps
Cobalt	59-2	936200	946013	942343	941519	0.53	cps
Copper	63-2	1165875	1180043	1177860	1174593	0.65	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	57	43	30	43	30.77	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	53	80	53	62	24.75	cps
Holmium	165-1	3720075	3747657	3717916	3728550	0.44	cps
Holmium	165-2	1967852	1986771	1983016	1979213	0.51	cps
Indium	115-1	2702764	2710405	2699664	2704278	0.20	cps
Indium	115-2	631278	640257	641957	637831	0.90	cps
Iron	56-2	27617862	27702828	27501919	27607536	0.37	cps
Iron	57-2	658967	664322	661858	661716	0.41	cps
Krypton	83-1	140	133	133	136	2.84	cps
Lead	206-1	1010490	1003606	996661	1003586	0.69	cps
Lead	207-1	905542	908465	902097	905368	0.35	cps
Lead	208-1	4053644	4059749	4020491	4044628	0.52	cps
Lithium	6-1	1615133	1622335	1593626	1610365	0.93	cps
Magnesium	24-2	6426906	6453269	6452221	6444132	0.23	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	799815	804373	810125	804771	0.64	cps
Molybdenum	94-1	3915311	3990070	3936353	3947245	0.98	cps
Molybdenum	95-1	5153753	5179037	5124836	5152542	0.53	cps
Molybdenum	96-1	5654273	5678625	5635706	5656201	0.38	cps
Molybdenum	97-1	3153393	3146948	3131107	3143816	0.36	cps
Molybdenum	98-1	8166408	8253684	8174251	8198114	0.59	cps
Neodymium	150-1	113	187	87	129	40.18	cps
Neodymium	150-2	23	10	20	18	39.03	cps
Nickel	60-2	282884	284910	286218	284671	0.59	cps
Phosphorus	31-2	31225	31768	32119	31704	1.42	cps
Potassium	39-2	2942162	2928768	2946754	2939228	0.32	cps
Rhodium	103-1	2705745	2719771	2729243	2718253	0.43	cps
Rhodium	103-2	1415783	1439631	1439018	1431477	0.95	cps
Scandium	45-1	2992708	2987966	2968327	2983000	0.43	cps
Scandium	45-2	156344	158295	158214	157618	0.70	cps
Selenium	77-2	1790	1897	1857	1848	2.92	cps
Selenium	78-2	6033	6127	6012	6057	1.01	cps
Selenium	82-1	32833	32623	31956	32471	1.41	cps
Silicon	28-1	1873987	1895976	1919157	1896373	1.19	cps
Silver	109-1	1579109	1591367	1561826	1577434	0.94	cps
Silver	107-1	1652188	1659894	1669412	1660498	0.52	cps
Sodium	23-2	12738282	12788388	12665835	12730835	0.48	cps
Strontium	86-1	538919	537491	537242	537884	0.17	cps
Strontium	88-1	4601861	4626632	4631087	4619860	0.34	cps
Sulfur	34-1	422231	416509	415275	418005	0.89	cps
Terbium	159-1	3896221	3917286	3870446	3894651	0.60	cps
Terbium	159-2	2007182	2031021	2014295	2017499	0.61	cps
Thallium	203-1	1229555	1226896	1228160	1228203	0.11	cps
Thallium	205-1	2976409	2970943	2977952	2975101	0.12	cps
Thorium	232-1	4858510	4825694	4839766	4841323	0.34	cps
Tin	118-1	1107316	1112439	1096239	1105332	0.75	cps
Titanium	47-1	1887009	1881298	1868490	1878932	0.50	cps
Uranium	238-1	4728039	4707223	4720686	4718649	0.22	cps
Vanadium	51-2	601375	611036	607362	606591	0.80	cps
Yttrium	89-1	3643373	3664884	3638418	3648892	0.39	cps
Yttrium	89-2	616612	623778	625761	622050	0.77	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	PB121114BS	Instrumnet Name :	P7
Client Sample ID :	PB121114BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:01:13	DataFile Name :	070LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	176141	176371	179252	177255	0.98	cps
Zirconium	90-1	2987597	3000624	2960589	2982937	0.68	cps
Zirconium	91-1	653610	652964	644146	650240	0.81	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	342	267	292	14.85	cps
Antimony	121-1	758	675	833	756	10.48	cps
Arsenic	75-2	7	13	4	8	58.09	cps
Barium	135-1	167	142	175	161	10.77	cps
Barium	137-1	292	267	375	311	18.23	cps
Beryllium	9-1	157	127	137	140	10.91	cps
Bismuth	209-1	2381344	2367670	2314793	2354602	1.49	cps
Bismuth	209-2	1320953	1309659	1304188	1311600	0.65	cps
Boron	10-1	5209	4851	4726	4929	5.09	cps
Boron	11-1	24120	21257	21616	22331	6.98	cps
Cadmium	111-1	993	816	901	903	9.80	cps
Cadmium	106-1	1292	1108	1208	1203	7.63	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	242	267	233	247	7.02	cps
Calcium	44-1	11964	11513	10729	11402	5.48	cps
Chromium	52-2	600	570	600	590	2.94	cps
Cobalt	59-2	87	57	70	71	21.14	cps
Copper	63-2	427	413	397	412	3.65	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	7	17	0	8	107.84	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	67	63	70	67	5.00	cps
Holmium	165-1	4146068	4151977	4120882	4139642	0.40	cps
Holmium	165-2	2144028	2086177	2075132	2101779	1.76	cps
Indium	115-1	3146708	3108249	3081680	3112212	1.05	cps
Indium	115-2	687644	692755	684628	688342	0.60	cps
Iron	56-2	4679	4907	4490	4692	4.45	cps
Iron	57-2	167	211	211	196	13.07	cps
Krypton	83-1	193	120	140	151	25.09	cps
Lead	206-1	1600	1422	1506	1509	5.89	cps
Lead	207-1	1556	1367	1322	1415	8.76	cps
Lead	208-1	6834	6001	5756	6197	9.12	cps
Lithium	6-1	1813161	1807774	1765544	1795493	1.45	cps
Magnesium	24-2	450	425	417	431	4.03	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	100	77	86	14.75	cps
Molybdenum	94-1	908	908	767	861	9.50	cps
Molybdenum	95-1	1233	1233	1150	1206	3.99	cps
Molybdenum	96-1	1608	1283	1283	1392	13.48	cps
Molybdenum	97-1	1042	683	625	783	28.80	cps
Molybdenum	98-1	2059	1859	1634	1850	11.49	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	53	66	63	14.12	cps
Phosphorus	31-2	117	42	92	83	45.82	cps
Potassium	39-2	13657	14232	14040	13976	2.10	cps
Rhodium	103-1	3163477	3167176	3088476	3139710	1.41	cps
Rhodium	103-2	1549321	1548859	1543209	1547130	0.22	cps
Scandium	45-1	3372293	3383380	3299596	3351756	1.36	cps
Scandium	45-2	166419	166468	164073	165653	0.83	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	52	22	33	36	41.81	cps
Selenium	82-1	-41	27	-8	-7	-456.70	cps
Silicon	28-1	134810	130103	127893	130935	2.70	cps
Silver	109-1	325	217	267	269	20.12	cps
Silver	107-1	300	217	233	250	17.64	cps
Sodium	23-2	12606	13123	13223	12984	2.55	cps
Strontium	86-1	300	317	267	294	8.65	cps
Strontium	88-1	667	758	542	656	16.59	cps
Sulfur	34-1	159570	155375	156050	156998	1.43	cps
Terbium	159-1	4370132	4389723	4296725	4352193	1.13	cps
Terbium	159-2	2165998	2137044	2111850	2138297	1.27	cps
Thallium	203-1	367	325	392	361	9.33	cps
Thallium	205-1	892	700	692	761	14.87	cps
Thorium	232-1	1117	772	639	843	29.26	cps
Tin	118-1	508	358	450	439	17.23	cps
Titanium	47-1	242	292	267	267	9.37	cps
Uranium	238-1	417	408	458	428	6.26	cps
Vanadium	51-2	17	43	40	33	43.58	cps
Yttrium	89-1	4109969	4144683	4051225	4101959	1.15	cps
Yttrium	89-2	655151	652105	652842	653366	0.24	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-06	Instrumnet Name :	P7
Client Sample ID :	EB-062619	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:04:49	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2017	1827	1810	1885	6.09	cps
Zirconium	90-1	675	683	700	686	1.86	cps
Zirconium	91-1	225	133	150	169	28.82	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:08:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491748	495850	498409	495335	0.68	cps
Antimony	121-1	1302795	1308849	1297255	1302966	0.45	cps
Arsenic	75-2	60707	60577	60918	60734	0.28	cps
Barium	135-1	1811359	1808460	1794269	1804696	0.51	cps
Barium	137-1	3153382	3160600	3148338	3154107	0.20	cps
Beryllium	9-1	493741	487355	480682	487259	1.34	cps
Bismuth	209-1	1801378	1863248	1852678	1839101	1.80	cps
Bismuth	209-2	1066243	1082659	1076126	1075010	0.77	cps
Boron	10-1	149569	148080	148197	148615	0.56	cps
Boron	11-1	683657	687581	687347	686195	0.32	cps
Cadmium	111-1	336709	334361	333855	334975	0.45	cps
Cadmium	106-1	37601	36013	37032	36882	2.18	cps
Cadmium	108-1	26416	25995	25223	25878	2.34	cps
Calcium	43-1	1430290	1401375	1405383	1412349	1.11	cps
Calcium	44-1	23365445	23012411	22839468	23072441	1.16	cps
Chromium	52-2	2687271	2738270	2679263	2701601	1.18	cps
Cobalt	59-2	880899	895354	886236	887496	0.82	cps
Copper	63-2	1118972	1137980	1141217	1132723	1.06	cps
Dysprosium	156-1	58	200	192	150	52.99	cps
Dysprosium	156-2	133	133	110	126	10.73	cps
Erbium	164-1	142	183	175	167	13.23	cps
Erbium	164-2	77	97	113	96	19.21	cps
Gadolinium	160-1	192	292	183	222	27.13	cps
Gadolinium	160-2	133	170	190	164	17.48	cps
Holmium	165-1	3328430	3436788	3439218	3401479	1.86	cps
Holmium	165-2	1795043	1806038	1765027	1788702	1.19	cps
Indium	115-1	2380840	2438920	2438595	2419452	1.38	cps
Indium	115-2	550535	550507	548706	549916	0.19	cps
Iron	56-2	25672241	25927311	25720391	25773314	0.53	cps
Iron	57-2	615981	625585	621517	621028	0.78	cps
Krypton	83-1	207	140	143	163	23.00	cps
Lead	206-1	992692	1001300	1002665	998886	0.54	cps
Lead	207-1	905491	901939	904491	903973	0.20	cps
Lead	208-1	4020233	4050934	4061301	4044156	0.53	cps
Lithium	6-1	1279701	1257346	1245411	1260819	1.38	cps
Magnesium	24-2	7377149	7445184	7345311	7389215	0.69	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:08:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1554283	1575795	1560925	1563668	0.70	cps
Molybdenum	94-1	3317742	3334247	3341170	3331053	0.36	cps
Molybdenum	95-1	4199548	4211488	4197541	4202859	0.18	cps
Molybdenum	96-1	4637052	4675712	4651284	4654683	0.42	cps
Molybdenum	97-1	2552519	2562658	2560651	2558610	0.21	cps
Molybdenum	98-1	6722285	6720755	6715981	6719674	0.05	cps
Neodymium	150-1	293	280	347	307	11.50	cps
Neodymium	150-2	130	103	93	109	17.40	cps
Nickel	60-2	276240	280277	277175	277897	0.76	cps
Phosphorus	31-2	225	208	233	222	5.73	cps
Potassium	39-2	2982629	3025594	2973128	2993784	0.93	cps
Rhodium	103-1	2349830	2429921	2421905	2400552	1.84	cps
Rhodium	103-2	1271240	1286268	1271452	1276320	0.68	cps
Scandium	45-1	2616568	2653365	2623494	2631142	0.74	cps
Scandium	45-2	140741	142292	141504	141513	0.55	cps
Selenium	77-2	1747	1613	1583	1648	5.28	cps
Selenium	78-2	5483	5496	5242	5407	2.64	cps
Selenium	82-1	30193	30761	30542	30499	0.94	cps
Silicon	28-1	15164246	15146232	15001108	15103862	0.59	cps
Silver	109-1	1480677	1462299	1450283	1464420	1.05	cps
Silver	107-1	1535351	1545890	1519949	1533730	0.85	cps
Sodium	23-2	43592021	43726886	43648483	43655797	0.16	cps
Strontium	86-1	651466	655080	656157	654234	0.38	cps
Strontium	88-1	5588271	5600054	5574803	5587709	0.23	cps
Sulfur	34-1	723934	723744	719944	722541	0.31	cps
Terbium	159-1	3509284	3617656	3608623	3578521	1.68	cps
Terbium	159-2	1838070	1834996	1810569	1827878	0.82	cps
Thallium	203-1	1176715	1190252	1196818	1187928	0.86	cps
Thallium	205-1	2875414	2897349	2906255	2893006	0.55	cps
Thorium	232-1	1528	1456	1172	1385	13.57	cps
Tin	118-1	1056785	1069301	1054501	1060196	0.75	cps
Titanium	47-1	1506342	1493006	1472203	1490517	1.15	cps
Uranium	238-1	4638392	4691407	4725998	4685266	0.94	cps
Vanadium	51-2	560555	573347	568207	567370	1.13	cps
Yttrium	89-1	3225204	3311352	3271227	3269261	1.32	cps
Yttrium	89-2	543504	549837	544523	545954	0.62	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:08:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	160329	163299	164144	162591	1.23	cps
Zirconium	90-1	2733756	2757783	2746949	2746163	0.44	cps
Zirconium	91-1	601493	598007	601128	600209	0.32	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	490176	479683	485678	485179	1.09	cps
Antimony	121-1	1303289	1313612	1300117	1305673	0.54	cps
Arsenic	75-2	59381	59761	59640	59594	0.33	cps
Barium	135-1	1811315	1843998	1837277	1830864	0.94	cps
Barium	137-1	3154900	3189081	3146316	3163432	0.72	cps
Beryllium	9-1	465302	469273	454240	462939	1.68	cps
Bismuth	209-1	1888383	1917577	1903878	1903279	0.77	cps
Bismuth	209-2	1064755	1066994	1076404	1069384	0.58	cps
Boron	10-1	146985	149385	145328	147232	1.39	cps
Boron	11-1	669873	680260	676549	675561	0.78	cps
Cadmium	111-1	334957	342378	335328	337554	1.24	cps
Cadmium	106-1	37016	37100	36715	36944	0.55	cps
Cadmium	108-1	25669	25870	25377	25639	0.97	cps
Calcium	43-1	1387800	1393865	1389261	1390309	0.23	cps
Calcium	44-1	22472121	22591751	22591766	22551879	0.31	cps
Chromium	52-2	2687770	2676339	2663992	2676033	0.44	cps
Cobalt	59-2	875318	872629	881613	876520	0.53	cps
Copper	63-2	1111809	1117006	1126295	1118370	0.66	cps
Dysprosium	156-1	250	175	233	219	17.95	cps
Dysprosium	156-2	160	147	190	166	13.41	cps
Erbium	164-1	225	208	150	194	20.25	cps
Erbium	164-2	83	130	107	107	21.87	cps
Gadolinium	160-1	183	208	250	214	15.75	cps
Gadolinium	160-2	150	173	220	181	19.68	cps
Holmium	165-1	3532720	3580200	3583741	3565553	0.80	cps
Holmium	165-2	1801928	1774953	1781469	1786117	0.79	cps
Indium	115-1	2484286	2509940	2477074	2490433	0.69	cps
Indium	115-2	541655	540092	544462	542070	0.41	cps
Iron	56-2	25602764	25335271	25351202	25429746	0.59	cps
Iron	57-2	607990	610006	612358	610118	0.36	cps
Krypton	83-1	100	150	157	136	22.85	cps
Lead	206-1	1012474	1037791	1019680	1023315	1.27	cps
Lead	207-1	910054	939483	919042	922860	1.63	cps
Lead	208-1	4080987	4195286	4143659	4139977	1.38	cps
Lithium	6-1	1202578	1197165	1175451	1191731	1.20	cps
Magnesium	24-2	7234507	7172878	7200342	7202576	0.43	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1535101	1535915	1537672	1536229	0.09	cps
Molybdenum	94-1	3330717	3359387	3305885	3331997	0.80	cps
Molybdenum	95-1	4173745	4205889	4178643	4186092	0.41	cps
Molybdenum	96-1	4555622	4663214	4630435	4616424	1.19	cps
Molybdenum	97-1	2544878	2582623	2568612	2565371	0.74	cps
Molybdenum	98-1	6674343	6752826	6690010	6705726	0.62	cps
Neodymium	150-1	340	433	307	360	18.24	cps
Neodymium	150-2	147	160	130	146	10.33	cps
Nickel	60-2	273307	272766	274856	273643	0.40	cps
Phosphorus	31-2	208	250	167	208	20.00	cps
Potassium	39-2	2932224	2904287	2917689	2918067	0.48	cps
Rhodium	103-1	2480313	2457529	2455774	2464539	0.56	cps
Rhodium	103-2	1258229	1267452	1275952	1267211	0.70	cps
Scandium	45-1	2643268	2636041	2604791	2628033	0.78	cps
Scandium	45-2	136626	137431	137282	137113	0.31	cps
Selenium	77-2	1583	1540	1487	1537	3.15	cps
Selenium	78-2	5375	5364	5405	5381	0.39	cps
Selenium	82-1	30511	30625	30192	30443	0.74	cps
Silicon	28-1	14568695	14755480	14529647	14617941	0.83	cps
Silver	109-1	1471894	1483348	1471663	1475635	0.45	cps
Silver	107-1	1526040	1554519	1512597	1531052	1.40	cps
Sodium	23-2	42850781	42432683	42477526	42586997	0.54	cps
Strontium	86-1	649892	658166	645661	651240	0.98	cps
Strontium	88-1	5553747	5682042	5547381	5594390	1.36	cps
Sulfur	34-1	702747	708757	694520	702008	1.02	cps
Terbium	159-1	3723126	3716545	3734673	3724781	0.25	cps
Terbium	159-2	1827579	1807946	1810067	1815197	0.59	cps
Thallium	203-1	1196354	1234511	1225783	1218883	1.64	cps
Thallium	205-1	2925184	3003154	2947864	2958734	1.36	cps
Thorium	232-1	522	572	411	502	16.43	cps
Tin	118-1	1065794	1074859	1073527	1071393	0.46	cps
Titanium	47-1	1467757	1465647	1465404	1466269	0.09	cps
Uranium	238-1	4782374	4856720	4833009	4824034	0.79	cps
Vanadium	51-2	557754	562411	557907	559357	0.47	cps
Yttrium	89-1	3339907	3373596	3337567	3350357	0.60	cps
Yttrium	89-2	539931	535867	537029	537609	0.39	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05A	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:12:03	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	158870	158365	160160	159132	0.58	cps
Zirconium	90-1	2730322	2766871	2729443	2742212	0.78	cps
Zirconium	91-1	600576	606671	597486	601578	0.78	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12589	12297	13240	12709	3.80	cps
Antimony	121-1	3701	3984	3676	3787	4.52	cps
Arsenic	75-2	54	78	72	68	18.57	cps
Barium	135-1	67808	67506	68461	67925	0.72	cps
Barium	137-1	117915	116142	116999	117018	0.76	cps
Beryllium	9-1	213	193	250	219	13.13	cps
Bismuth	209-1	1920364	1948620	1962191	1943725	1.10	cps
Bismuth	209-2	1057537	1077992	1087841	1074457	1.44	cps
Boron	10-1	28895	29730	29454	29360	1.45	cps
Boron	11-1	138009	134326	135723	136019	1.37	cps
Cadmium	111-1	8943	8813	8733	8830	1.20	cps
Cadmium	106-1	1709	1633	1383	1575	10.80	cps
Cadmium	108-1	508	488	583	526	9.58	cps
Calcium	43-1	805533	791966	792430	796643	0.97	cps
Calcium	44-1	12875307	12959985	12955471	12930254	0.37	cps
Chromium	52-2	44148971	44679996	44527134	44452034	0.61	cps
Cobalt	59-2	40336	41819	41636	41264	1.96	cps
Copper	63-2	275886	284577	282448	280970	1.61	cps
Dysprosium	156-1	1700	1892	1700	1764	6.27	cps
Dysprosium	156-2	1040	1160	1047	1082	6.23	cps
Erbium	164-1	1967	1817	1742	1842	6.22	cps
Erbium	164-2	867	923	860	883	3.94	cps
Gadolinium	160-1	1984	1842	1925	1917	3.71	cps
Gadolinium	160-2	1147	1210	1170	1176	2.73	cps
Holmium	165-1	3452445	3477054	3505436	3478312	0.76	cps
Holmium	165-2	1739470	1753177	1762828	1751825	0.67	cps
Indium	115-1	2469119	2454586	2473250	2465651	0.40	cps
Indium	115-2	514306	525531	525582	521806	1.24	cps
Iron	56-2	10604	10454	10615	10558	0.85	cps
Iron	57-2	5307	5785	5824	5638	5.10	cps
Krypton	83-1	160	140	123	141	13.01	cps
Lead	206-1	2134	2284	2056	2158	5.37	cps
Lead	207-1	2028	1856	1784	1889	6.65	cps
Lead	208-1	8796	8540	8162	8499	3.75	cps
Lithium	6-1	1124534	1112616	1119260	1118803	0.53	cps
Magnesium	24-2	1314991	1329647	1333786	1326142	0.74	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5062806	5103506	5086418	5084243	0.40	cps
Molybdenum	94-1	1817	1725	1450	1664	11.47	cps
Molybdenum	95-1	2317	2459	2509	2428	4.10	cps
Molybdenum	96-1	2700	2475	2325	2500	7.55	cps
Molybdenum	97-1	1492	1458	1267	1406	8.64	cps
Molybdenum	98-1	3867	3484	3617	3656	5.32	cps
Neodymium	150-1	2014	1827	2000	1947	5.35	cps
Neodymium	150-2	840	753	780	791	5.61	cps
Nickel	60-2	39720	40248	40878	40282	1.44	cps
Phosphorus	31-2	108	133	100	114	15.23	cps
Potassium	39-2	369595	379345	379162	376034	1.48	cps
Rhodium	103-1	2390700	2393944	2424183	2402943	0.77	cps
Rhodium	103-2	1204555	1214128	1227289	1215324	0.94	cps
Scandium	45-1	2496445	2494137	2496783	2495788	0.06	cps
Scandium	45-2	125039	127570	128118	126909	1.29	cps
Selenium	77-2	10	27	13	17	52.93	cps
Selenium	78-2	56	46	46	49	10.83	cps
Selenium	82-1	391	458	404	417	8.49	cps
Silicon	28-1	35850971	35388628	35651087	35630229	0.65	cps
Silver	109-1	650	633	658	647	1.97	cps
Silver	107-1	858	658	683	733	14.86	cps
Sodium	23-2	29851526	30327459	30148253	30109079	0.80	cps
Strontium	86-1	159771	156916	160344	159010	1.15	cps
Strontium	88-1	1346517	1343473	1326832	1338941	0.79	cps
Sulfur	34-1	445417	440032	434542	439997	1.24	cps
Terbium	159-1	3612529	3627378	3660711	3633539	0.68	cps
Terbium	159-2	1768098	1779853	1788044	1778665	0.56	cps
Thallium	203-1	442	500	392	444	12.20	cps
Thallium	205-1	1258	892	1058	1070	17.17	cps
Thorium	232-1	106	144	122	124	15.72	cps
Tin	118-1	4334	4184	3909	4142	5.21	cps
Titanium	47-1	675	658	667	667	1.25	cps
Uranium	238-1	1067	975	900	981	8.51	cps
Vanadium	51-2	333	330	363	342	5.36	cps
Yttrium	89-1	3273733	3282452	3249098	3268428	0.53	cps
Yttrium	89-2	499296	510922	510833	507017	1.32	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:15:40	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8920	9310	9190	9140	2.19	cps
Zirconium	90-1	908	892	917	906	1.41	cps
Zirconium	91-1	175	125	192	164	21.17	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1575	1750	1550	13.78	cps
Antimony	121-1	2550	2775	2484	2603	5.87	cps
Arsenic	75-2	417	502	469	462	9.28	cps
Barium	135-1	18471	18588	19690	18916	3.55	cps
Barium	137-1	34861	33199	33391	33817	2.69	cps
Beryllium	9-1	73	93	90	86	12.53	cps
Bismuth	209-1	2007085	1989881	1993068	1996678	0.46	cps
Bismuth	209-2	1060890	1074859	1084821	1073524	1.12	cps
Boron	10-1	51430	50703	52726	51620	1.98	cps
Boron	11-1	240167	241458	242519	241382	0.49	cps
Cadmium	111-1	842	728	769	780	7.42	cps
Cadmium	106-1	1017	842	992	950	9.96	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	846972	841666	840421	843020	0.41	cps
Calcium	44-1	13633919	13643738	13817740	13698466	0.75	cps
Chromium	52-2	4394	4197	3654	4082	9.39	cps
Cobalt	59-2	290	330	333	318	7.59	cps
Copper	63-2	3167	3007	3060	3078	2.65	cps
Dysprosium	156-1	92	83	50	75	29.40	cps
Dysprosium	156-2	23	33	33	30	19.25	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	50	60	33	48	28.20	cps
Gadolinium	160-1	92	67	100	86	20.15	cps
Gadolinium	160-2	53	83	77	71	22.16	cps
Holmium	165-1	3546970	3547180	3549376	3547842	0.04	cps
Holmium	165-2	1749226	1777769	1768477	1765157	0.82	cps
Indium	115-1	2511480	2526435	2516574	2518163	0.30	cps
Indium	115-2	524337	532138	535901	530792	1.11	cps
Iron	56-2	586844	596481	599769	594365	1.13	cps
Iron	57-2	20109	20854	20515	20492	1.82	cps
Krypton	83-1	117	127	140	128	9.16	cps
Lead	206-1	2350	2256	2345	2317	2.29	cps
Lead	207-1	1995	1911	1956	1954	2.13	cps
Lead	208-1	8879	8718	8979	8859	1.49	cps
Lithium	6-1	1146691	1121204	1104675	1124190	1.88	cps
Magnesium	24-2	3288587	3340856	3277121	3302188	1.03	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57837	58965	58372	58391	0.97	cps
Molybdenum	94-1	658	842	658	719	14.71	cps
Molybdenum	95-1	1008	1008	975	997	1.93	cps
Molybdenum	96-1	1217	1050	1133	1133	7.35	cps
Molybdenum	97-1	633	675	575	628	8.00	cps
Molybdenum	98-1	1592	1608	1542	1581	2.19	cps
Neodymium	150-1	107	100	133	113	15.57	cps
Neodymium	150-2	43	37	37	39	9.89	cps
Nickel	60-2	460	514	579	518	11.52	cps
Phosphorus	31-2	117	167	167	150	19.24	cps
Potassium	39-2	100321	101126	99515	100321	0.80	cps
Rhodium	103-1	2485880	2511028	2511710	2502872	0.59	cps
Rhodium	103-2	1235871	1260343	1266473	1254229	1.29	cps
Scandium	45-1	2514702	2544029	2532820	2530517	0.58	cps
Scandium	45-2	127967	129847	130236	129350	0.94	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	44	33	33	37	17.32	cps
Selenium	82-1	72	47	44	55	28.28	cps
Silicon	28-1	19440081	19704386	19732830	19625766	0.82	cps
Silver	109-1	533	433	542	503	11.99	cps
Silver	107-1	508	483	442	478	7.05	cps
Sodium	23-2	3671679	3767408	3703790	3714292	1.31	cps
Strontium	86-1	1367359	1338801	1346886	1351015	1.09	cps
Strontium	88-1	11953916	11995268	12087276	12012154	0.57	cps
Sulfur	34-1	601818	611874	614383	609358	1.09	cps
Terbium	159-1	3704489	3694388	3706559	3701812	0.18	cps
Terbium	159-2	1774905	1786407	1799182	1786831	0.68	cps
Thallium	203-1	150	108	125	128	16.41	cps
Thallium	205-1	400	400	458	419	8.03	cps
Thorium	232-1	589	539	583	570	4.80	cps
Tin	118-1	3150	3634	3209	3331	7.92	cps
Titanium	47-1	617	633	550	600	7.35	cps
Uranium	238-1	6085	6327	6385	6266	2.54	cps
Vanadium	51-2	910	993	1007	970	5.40	cps
Yttrium	89-1	3283610	3297691	3307710	3296337	0.37	cps
Yttrium	89-2	504696	510936	516975	510869	1.20	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-10	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2MW6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:19:17	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1593	1760	1497	1617	8.24	cps
Zirconium	90-1	525	492	583	533	8.70	cps
Zirconium	91-1	108	117	125	117	7.14	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3519-11 Instrumnet Name : P7
 Client Sample ID : SP-19-JMW0882 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 18:22:53 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	558	450	469	17.24	cps
Antimony	121-1	1508	1667	1784	1653	8.35	cps
Arsenic	75-2	302	335	324	320	5.30	cps
Barium	135-1	258721	261094	261228	260348	0.54	cps
Barium	137-1	447497	450889	450039	449475	0.39	cps
Beryllium	9-1	60	67	113	80	36.33	cps
Bismuth	209-1	2034042	2022786	2031300	2029376	0.29	cps
Bismuth	209-2	1091858	1092255	997191	1060435	5.16	cps
Boron	10-1	39862	40222	40581	40221	0.89	cps
Boron	11-1	181711	180065	186476	182751	1.82	cps
Cadmium	111-1	754	683	766	734	6.07	cps
Cadmium	106-1	1000	925	1025	983	5.29	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	1654768	1621386	1632289	1636148	1.04	cps
Calcium	44-1	27016728	26908404	27293586	27072906	0.73	cps
Chromium	52-2	2484	2330	3340	2718	20.03	cps
Cobalt	59-2	777	717	677	723	6.96	cps
Copper	63-2	1910	1997	2034	1980	3.20	cps
Dysprosium	156-1	67	67	42	58	24.74	cps
Dysprosium	156-2	30	27	3	20	72.66	cps
Erbium	164-1	58	67	58	61	7.87	cps
Erbium	164-2	43	50	37	43	15.38	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	63	83	63	70	16.50	cps
Holmium	165-1	3575140	3565163	3575195	3571833	0.16	cps
Holmium	165-2	1789047	1786734	1636768	1737516	5.02	cps
Indium	115-1	2501844	2520319	2532814	2518326	0.62	cps
Indium	115-2	529501	527059	492115	516225	4.05	cps
Iron	56-2	24663930	24806460	24433376	24634589	0.76	cps
Iron	57-2	581147	592446	581149	584914	1.12	cps
Krypton	83-1	183	127	150	153	18.57	cps
Lead	206-1	1778	1734	1617	1709	4.87	cps
Lead	207-1	1572	1317	1406	1432	9.06	cps
Lead	208-1	7212	6734	6306	6751	6.71	cps
Lithium	6-1	1118819	1119655	1118807	1119094	0.04	cps
Magnesium	24-2	1600864	1604829	1612761	1606151	0.38	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-11	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0882	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:22:53	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	385847	391031	390456	389111	0.73	cps
Molybdenum	94-1	1208	1250	1325	1261	4.69	cps
Molybdenum	95-1	325	317	358	333	6.61	cps
Molybdenum	96-1	817	925	708	817	13.27	cps
Molybdenum	97-1	300	250	225	258	14.78	cps
Molybdenum	98-1	608	742	692	681	9.90	cps
Neodymium	150-1	67	73	80	73	9.09	cps
Neodymium	150-2	23	20	37	27	33.08	cps
Nickel	60-2	1106	1060	985	1050	5.85	cps
Phosphorus	31-2	275	233	192	233	17.86	cps
Potassium	39-2	687264	692765	692879	690969	0.46	cps
Rhodium	103-1	2464557	2484298	2517736	2488863	1.08	cps
Rhodium	103-2	1247469	1240724	1160145	1216113	4.00	cps
Scandium	45-1	2511694	2501157	2522243	2511698	0.42	cps
Scandium	45-2	128441	128586	119685	125571	4.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	37	39	20	32	31.78	cps
Selenium	82-1	-13	35	20	14	173.89	cps
Silicon	28-1	23178264	22890500	23109818	23059527	0.65	cps
Silver	109-1	300	317	325	314	4.05	cps
Silver	107-1	325	375	367	356	7.54	cps
Sodium	23-2	1781931	1787476	1772070	1780492	0.44	cps
Strontium	86-1	992173	966418	972803	977132	1.37	cps
Strontium	88-1	8649545	8589181	8714857	8651195	0.73	cps
Sulfur	34-1	149038	145848	144275	146387	1.66	cps
Terbium	159-1	3733475	3728473	3763348	3741765	0.50	cps
Terbium	159-2	1816540	1784972	1681495	1761003	4.01	cps
Thallium	203-1	83	67	42	64	32.83	cps
Thallium	205-1	217	267	183	222	18.88	cps
Thorium	232-1	94	100	67	87	20.52	cps
Tin	118-1	2884	3234	3284	3134	6.96	cps
Titanium	47-1	625	625	567	606	5.56	cps
Uranium	238-1	125	75	117	106	25.38	cps
Vanadium	51-2	687	693	700	693	0.96	cps
Yttrium	89-1	3262879	3266419	3297572	3275623	0.58	cps
Yttrium	89-2	509542	507564	475991	497699	3.78	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-11	Instrumnet Name :	P7
Client Sample ID :	SP-19-JMW0882	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:22:53	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1560	1670	1567	1599	3.86	cps
Zirconium	90-1	2917	2659	2450	2675	8.74	cps
Zirconium	91-1	608	633	575	606	4.83	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2703500	2741255	2754263	2733006	0.96	cps
Antimony	121-1	1196588	1206087	1206106	1202927	0.46	cps
Arsenic	75-2	56730	58071	58580	57794	1.65	cps
Barium	135-1	1681129	1637075	1646555	1654920	1.40	cps
Barium	137-1	2933919	2933383	2943631	2936977	0.20	cps
Beryllium	9-1	486929	490148	497385	491487	1.09	cps
Bismuth	209-1	1931661	1917689	1909989	1919780	0.57	cps
Bismuth	209-2	1104533	1106068	1101927	1104176	0.19	cps
Boron	10-1	76117	77113	78438	77222	1.51	cps
Boron	11-1	337836	347865	359143	348281	3.06	cps
Cadmium	111-1	350832	349963	354208	351668	0.64	cps
Cadmium	106-1	40066	38679	39606	39451	1.79	cps
Cadmium	108-1	26680	26650	26475	26602	0.42	cps
Calcium	43-1	3214743	3258242	3244027	3239004	0.68	cps
Calcium	44-1	51315546	52186057	52254887	51918830	1.01	cps
Chromium	52-2	651583	664146	662829	659519	1.05	cps
Cobalt	59-2	850452	865224	864624	860100	0.97	cps
Copper	63-2	1028623	1052668	1060535	1047275	1.59	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	33	30	47	37	24.06	cps
Erbium	164-1	25	50	8	28	75.51	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	33	42	83	53	50.76	cps
Gadolinium	160-2	77	70	57	68	15.02	cps
Holmium	165-1	3648373	3682678	3641194	3657415	0.61	cps
Holmium	165-2	1931057	1898741	1874388	1901395	1.50	cps
Indium	115-1	2533382	2545001	2494865	2524416	1.04	cps
Indium	115-2	585776	582835	587383	585331	0.39	cps
Iron	56-2	131514109	132210306	132228078	131984164	0.31	cps
Iron	57-2	3011089	3043656	3054895	3036547	0.75	cps
Krypton	83-1	113	160	87	120	30.93	cps
Lead	206-1	933856	943531	936160	937849	0.54	cps
Lead	207-1	844953	856824	844323	848700	0.83	cps
Lead	208-1	3837799	3872841	3826975	3845872	0.62	cps
Lithium	6-1	1442890	1439860	1446608	1443119	0.23	cps
Magnesium	24-2	29451223	29790722	30007556	29749833	0.94	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	729378	746699	743621	739899	1.25	cps
Molybdenum	94-1	3664652	3700167	3715558	3693459	0.71	cps
Molybdenum	95-1	4808813	4803490	4844475	4818926	0.46	cps
Molybdenum	96-1	5249171	5291876	5303994	5281680	0.55	cps
Molybdenum	97-1	2916166	2942554	2927787	2928836	0.45	cps
Molybdenum	98-1	7728962	7659510	7674935	7687802	0.47	cps
Neodymium	150-1	100	180	187	156	31.01	cps
Neodymium	150-2	30	33	13	26	41.94	cps
Nickel	60-2	254696	258617	258882	257398	0.91	cps
Phosphorus	31-2	28420	28253	28762	28478	0.91	cps
Potassium	39-2	13902031	14040436	14079335	14007268	0.67	cps
Rhodium	103-1	2458219	2466978	2439328	2454842	0.58	cps
Rhodium	103-2	1284447	1287506	1282283	1284745	0.20	cps
Scandium	45-1	2735956	2769572	2745839	2750456	0.63	cps
Scandium	45-2	145803	146445	146266	146171	0.23	cps
Selenium	77-2	1427	1650	1470	1516	7.82	cps
Selenium	78-2	5077	5295	5497	5290	3.98	cps
Selenium	82-1	27292	27200	27417	27303	0.40	cps
Silicon	28-1	1889331	1997230	2035819	1974127	3.85	cps
Silver	109-1	1643585	1643324	1595378	1627429	1.71	cps
Silver	107-1	1706699	1734413	1726978	1722697	0.83	cps
Sodium	23-2	59430803	59948874	60083887	59821188	0.58	cps
Strontium	86-1	489467	494032	498850	494116	0.95	cps
Strontium	88-1	4265575	4310972	4302801	4293116	0.56	cps
Sulfur	34-1	365294	365377	364374	365015	0.15	cps
Terbium	159-1	3840657	3847715	3802665	3830346	0.63	cps
Terbium	159-2	1954292	1932036	1908353	1931560	1.19	cps
Thallium	203-1	1161455	1162461	1155821	1159912	0.31	cps
Thallium	205-1	2878759	2888232	2873719	2880237	0.26	cps
Thorium	232-1	4933119	4908234	4892418	4911257	0.42	cps
Tin	118-1	1000623	1019631	1012209	1010821	0.95	cps
Titanium	47-1	1675632	1673847	1678039	1675839	0.13	cps
Uranium	238-1	4769956	4786448	4743726	4766710	0.45	cps
Vanadium	51-2	559446	571992	575567	569002	1.49	cps
Yttrium	89-1	3411645	3450319	3422601	3428188	0.58	cps
Yttrium	89-2	578324	580877	580357	579853	0.23	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:33:59	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	150839	154285	156609	153911	1.89	cps
Zirconium	90-1	2771634	2832597	2827144	2810458	1.20	cps
Zirconium	91-1	600671	607984	613943	607532	1.09	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	108	167	153	25.78	cps
Antimony	121-1	908	900	825	878	5.23	cps
Arsenic	75-2	11	6	17	11	49.99	cps
Barium	135-1	167	158	125	150	14.70	cps
Barium	137-1	233	150	150	178	27.06	cps
Beryllium	9-1	163	157	110	143	20.28	cps
Bismuth	209-1	1932571	1940244	1946605	1939807	0.36	cps
Bismuth	209-2	1163232	1195365	1152280	1170292	1.91	cps
Boron	10-1	5001	4959	4859	4940	1.47	cps
Boron	11-1	25097	23719	22208	23675	6.10	cps
Cadmium	111-1	874	769	824	822	6.39	cps
Cadmium	106-1	1150	1008	1133	1097	7.06	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	308	317	217	281	19.78	cps
Calcium	44-1	14491	13824	12923	13746	5.73	cps
Chromium	52-2	700	717	677	698	2.88	cps
Cobalt	59-2	70	70	53	64	14.93	cps
Copper	63-2	420	367	353	380	9.28	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	63	80	63	69	13.97	cps
Holmium	165-1	3430590	3446860	3472712	3450054	0.62	cps
Holmium	165-2	1878356	1918598	1843565	1880173	2.00	cps
Indium	115-1	2601239	2573992	2623093	2599441	0.95	cps
Indium	115-2	618957	637119	605672	620583	2.54	cps
Iron	56-2	9564	9036	8719	9107	4.69	cps
Iron	57-2	272	361	283	306	15.85	cps
Krypton	83-1	120	150	103	124	19.00	cps
Lead	206-1	878	883	789	850	6.23	cps
Lead	207-1	600	628	678	635	6.21	cps
Lead	208-1	3156	3395	3172	3241	4.12	cps
Lithium	6-1	1594783	1581115	1591950	1589283	0.45	cps
Magnesium	24-2	1642	1517	1425	1528	7.12	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	37	40	49	37.55	cps
Molybdenum	94-1	825	900	633	786	17.49	cps
Molybdenum	95-1	1142	1167	1033	1114	6.36	cps
Molybdenum	96-1	1258	1167	1050	1158	9.01	cps
Molybdenum	97-1	675	667	658	667	1.25	cps
Molybdenum	98-1	1934	1625	1500	1686	13.23	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	45	44	42	10.50	cps
Phosphorus	31-2	83	100	100	94	10.19	cps
Potassium	39-2	16451	15717	16543	16237	2.79	cps
Rhodium	103-1	2630880	2624191	2649683	2634918	0.50	cps
Rhodium	103-2	1387311	1427775	1377281	1397456	1.91	cps
Scandium	45-1	2804681	2842923	2845208	2830937	0.80	cps
Scandium	45-2	149573	156988	147416	151326	3.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	56	31	41	31.82	cps
Selenium	82-1	26	-9	61	26	136.10	cps
Silicon	28-1	129187	124489	125346	126340	1.98	cps
Silver	109-1	233	292	267	264	11.09	cps
Silver	107-1	350	283	267	300	14.70	cps
Sodium	23-2	21291	20707	20565	20854	1.85	cps
Strontium	86-1	283	183	142	203	35.91	cps
Strontium	88-1	592	325	283	400	41.82	cps
Sulfur	34-1	171753	169563	169344	170220	0.78	cps
Terbium	159-1	3588473	3617638	3622675	3609595	0.51	cps
Terbium	159-2	1920987	1970291	1868295	1919858	2.66	cps
Thallium	203-1	342	450	492	428	18.10	cps
Thallium	205-1	1192	1025	783	1000	20.53	cps
Thorium	232-1	1017	922	811	917	11.22	cps
Tin	118-1	308	383	400	364	13.42	cps
Titanium	47-1	208	208	183	200	7.22	cps
Uranium	238-1	500	358	283	381	28.91	cps
Vanadium	51-2	40	20	27	29	35.25	cps
Yttrium	89-1	3417984	3392646	3438436	3416355	0.67	cps
Yttrium	89-2	587815	604606	585280	592567	1.77	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:51:18	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	120	93	109	12.74	cps
Zirconium	90-1	617	558	550	575	6.32	cps
Zirconium	91-1	167	142	117	142	17.65	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	158	186	12.93	cps
Antimony	121-1	2925	2892	2675	2831	4.80	cps
Arsenic	75-2	44	41	50	45	10.34	cps
Barium	135-1	18505	18404	18454	18455	0.27	cps
Barium	137-1	33508	33283	32264	33018	2.01	cps
Beryllium	9-1	67	97	103	89	21.97	cps
Bismuth	209-1	1917863	1901924	1957498	1925762	1.49	cps
Bismuth	209-2	1076140	1084416	1082957	1081171	0.41	cps
Boron	10-1	5801	6051	5760	5871	2.69	cps
Boron	11-1	28411	27042	26349	27267	3.85	cps
Cadmium	111-1	918	1003	1032	985	5.99	cps
Cadmium	106-1	983	1075	1250	1103	12.29	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	1126818	1125925	1107919	1120221	0.95	cps
Calcium	44-1	18122440	18403529	18205764	18243911	0.79	cps
Chromium	52-2	2834	2857	2694	2795	3.16	cps
Cobalt	59-2	160	147	113	140	17.17	cps
Copper	63-2	5151	5044	5151	5115	1.20	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	70	73	37	60	33.79	cps
Holmium	165-1	3352116	3346851	3525637	3408202	2.99	cps
Holmium	165-2	1756651	1773374	1750249	1760092	0.68	cps
Indium	115-1	2500727	2499208	2596716	2532217	2.21	cps
Indium	115-2	552935	556566	547540	552347	0.82	cps
Iron	56-2	62885	62460	61490	62278	1.15	cps
Iron	57-2	8792	9120	9248	9053	2.60	cps
Krypton	83-1	167	140	127	144	14.10	cps
Lead	206-1	3589	3023	2856	3156	12.18	cps
Lead	207-1	3117	2823	2495	2811	11.07	cps
Lead	208-1	13814	12169	11302	12429	10.27	cps
Lithium	6-1	1365560	1286142	1301132	1317611	3.20	cps
Magnesium	24-2	924371	930903	917563	924279	0.72	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	597	763	680	680	12.26	cps
Molybdenum	94-1	458	517	558	511	9.83	cps
Molybdenum	95-1	492	550	608	550	10.61	cps
Molybdenum	96-1	608	517	700	608	15.07	cps
Molybdenum	97-1	367	325	450	381	16.72	cps
Molybdenum	98-1	792	667	850	769	12.17	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	343	308	329	327	5.29	cps
Phosphorus	31-2	92	75	92	86	11.18	cps
Potassium	39-2	109467	109065	108889	109141	0.27	cps
Rhodium	103-1	2516639	2471561	2579459	2522553	2.15	cps
Rhodium	103-2	1281630	1300976	1276843	1286483	0.99	cps
Scandium	45-1	2731577	2666824	2740755	2713052	1.49	cps
Scandium	45-2	137117	139839	138668	138541	0.99	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	39	20	30	30	31.25	cps
Selenium	82-1	-15	19	5	3	520.99	cps
Silicon	28-1	11014255	11022680	10857774	10964903	0.85	cps
Silver	109-1	2117	2150	1692	1986	12.87	cps
Silver	107-1	2575	2175	1734	2161	19.48	cps
Sodium	23-2	869756	886420	872041	876072	1.03	cps
Strontium	86-1	595725	598247	586181	593384	1.07	cps
Strontium	88-1	5104621	5185531	5160927	5150360	0.81	cps
Sulfur	34-1	259893	262168	259294	260452	0.58	cps
Terbium	159-1	3534344	3526880	3688260	3583162	2.54	cps
Terbium	159-2	1790925	1808724	1772543	1790731	1.01	cps
Thallium	203-1	1267	900	633	933	34.07	cps
Thallium	205-1	2834	2125	1617	2192	27.88	cps
Thorium	232-1	494	456	494	482	4.66	cps
Tin	118-1	2475	2900	2717	2698	7.90	cps
Titanium	47-1	275	367	325	322	14.24	cps
Uranium	238-1	3517	3401	3567	3495	2.45	cps
Vanadium	51-2	417	403	433	418	3.60	cps
Yttrium	89-1	3330033	3281975	3417421	3343143	2.05	cps
Yttrium	89-2	533517	535387	529600	532835	0.55	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3519-12	Instrumnet Name :	P7
Client Sample ID :	SP-19-LF2RES	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 18:54:55	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2450	2444	2237	2377	5.10	cps
Zirconium	90-1	450	492	467	469	4.47	cps
Zirconium	91-1	142	125	100	122	17.16	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117	1125	1258	1167	6.81	cps
Antimony	121-1	1517	1425	1525	1489	3.73	cps
Arsenic	75-2	15	17	20	17	16.38	cps
Barium	135-1	17495	16836	16727	17019	2.44	cps
Barium	137-1	29156	29524	29056	29246	0.84	cps
Beryllium	9-1	80	73	77	77	4.35	cps
Bismuth	209-1	2038718	2060131	2065587	2054812	0.69	cps
Bismuth	209-2	1141996	1167328	1163373	1157565	1.18	cps
Boron	10-1	17185	17152	18020	17452	2.82	cps
Boron	11-1	82676	82316	84109	83034	1.14	cps
Cadmium	111-1	1021	1009	1036	1022	1.33	cps
Cadmium	106-1	1042	1008	1058	1036	2.46	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	180817	175420	177311	177850	1.54	cps
Calcium	44-1	2863567	2863635	2878676	2868626	0.30	cps
Chromium	52-2	456084	455364	454993	455481	0.12	cps
Cobalt	59-2	170	237	200	202	16.51	cps
Copper	63-2	2947	3244	3080	3090	4.81	cps
Dysprosium	156-1	133	75	83	97	32.45	cps
Dysprosium	156-2	50	53	53	52	3.68	cps
Erbium	164-1	142	125	83	117	25.75	cps
Erbium	164-2	53	47	73	58	24.02	cps
Gadolinium	160-1	58	125	83	89	37.89	cps
Gadolinium	160-2	100	90	130	107	19.52	cps
Holmium	165-1	3609427	3573329	3645672	3609476	1.00	cps
Holmium	165-2	1867563	1837596	1838628	1847929	0.92	cps
Indium	115-1	2661107	2652929	2689127	2667721	0.71	cps
Indium	115-2	580278	583293	587634	583735	0.63	cps
Iron	56-2	28821	27844	30524	29063	4.67	cps
Iron	57-2	1956	2061	1717	1911	9.23	cps
Krypton	83-1	123	93	90	102	17.96	cps
Lead	206-1	1167	1095	1206	1156	4.88	cps
Lead	207-1	978	928	1000	969	3.82	cps
Lead	208-1	4567	4412	4534	4504	1.82	cps
Lithium	6-1	1441914	1406681	1412398	1420331	1.33	cps
Magnesium	24-2	316256	318636	324171	319688	1.27	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267777	268823	269953	268851	0.40	cps
Molybdenum	94-1	550	517	558	542	4.07	cps
Molybdenum	95-1	642	633	667	647	2.68	cps
Molybdenum	96-1	667	550	658	625	10.41	cps
Molybdenum	97-1	333	417	367	372	11.27	cps
Molybdenum	98-1	1092	858	1033	995	12.21	cps
Neodymium	150-1	147	173	140	153	11.50	cps
Neodymium	150-2	90	43	60	64	36.70	cps
Nickel	60-2	1911	2107	2250	2089	8.14	cps
Phosphorus	31-2	100	133	92	108	20.35	cps
Potassium	39-2	72921	73977	74312	73736	0.98	cps
Rhodium	103-1	2670613	2644085	2690694	2668464	0.88	cps
Rhodium	103-2	1354294	1347589	1363384	1355089	0.58	cps
Scandium	45-1	2818796	2787385	2801881	2802687	0.56	cps
Scandium	45-2	142918	140243	143093	142085	1.12	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	48	48	24	40	34.65	cps
Selenium	82-1	66	83	59	69	17.83	cps
Silicon	28-1	3265055	3222429	3221740	3236408	0.77	cps
Silver	109-1	333	342	275	317	11.47	cps
Silver	107-1	408	325	267	333	21.36	cps
Sodium	23-2	6944984	7045227	7085471	7025227	1.03	cps
Strontium	86-1	39856	40123	39230	39736	1.15	cps
Strontium	88-1	341920	336920	340134	339658	0.75	cps
Sulfur	34-1	336028	334153	327673	332618	1.32	cps
Terbium	159-1	3811102	3771844	3829699	3804215	0.78	cps
Terbium	159-2	1884904	1888660	1893991	1889185	0.24	cps
Thallium	203-1	192	83	108	128	44.39	cps
Thallium	205-1	325	308	217	283	20.59	cps
Thorium	232-1	306	333	306	315	5.09	cps
Tin	118-1	383	483	467	444	12.05	cps
Titanium	47-1	1904	417	408	910	94.66	cps
Uranium	238-1	583	600	483	556	11.36	cps
Vanadium	51-2	230	277	327	278	17.40	cps
Yttrium	89-1	3472323	3467593	3495731	3478549	0.43	cps
Yttrium	89-2	556561	557168	556606	556778	0.06	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-01DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 18:58:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690	723	633	682	6.67	cps
Zirconium	90-1	525	558	475	519	8.08	cps
Zirconium	91-1	150	158	108	139	19.29	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	375	325	347	7.33	cps
Antimony	121-1	108	100	108	106	4.56	cps
Arsenic	75-2	4	15	4	7	86.64	cps
Barium	135-1	925	975	958	953	2.67	cps
Barium	137-1	1642	1633	1633	1636	0.29	cps
Beryllium	9-1	97	53	63	71	31.91	cps
Bismuth	209-1	2049569	2018458	2019722	2029250	0.87	cps
Bismuth	209-2	1128329	1135922	1134924	1133058	0.36	cps
Boron	10-1	2950	2734	2625	2770	5.98	cps
Boron	11-1	12806	11972	12189	12322	3.51	cps
Cadmium	111-1	1032	936	857	942	9.31	cps
Cadmium	106-1	1217	1125	1058	1133	7.01	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	13457	12531	13098	13028	3.58	cps
Calcium	44-1	215167	213714	210815	213232	1.04	cps
Chromium	52-2	786308	790347	798042	791566	0.75	cps
Cobalt	59-2	670	700	717	696	3.40	cps
Copper	63-2	5521	5681	5681	5628	1.64	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	30	17	23	23	28.56	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	63	73	80	72	11.62	cps
Holmium	165-1	3525185	3525155	3472076	3507472	0.87	cps
Holmium	165-2	1802037	1787606	1804563	1798068	0.51	cps
Indium	115-1	2600223	2576802	2581084	2586036	0.48	cps
Indium	115-2	560676	565971	567882	564843	0.66	cps
Iron	56-2	3356	3234	3478	3356	3.64	cps
Iron	57-2	239	233	178	217	15.60	cps
Krypton	83-1	123	173	133	143	18.46	cps
Lead	206-1	1767	1611	1489	1622	8.58	cps
Lead	207-1	1183	1295	1156	1211	6.07	cps
Lead	208-1	6145	6056	5879	6027	2.25	cps
Lithium	6-1	1494062	1472282	1461685	1476010	1.12	cps
Magnesium	24-2	21124	21149	22025	21433	2.40	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78843	78461	79621	78975	0.75	cps
Molybdenum	94-1	158	158	167	161	2.98	cps
Molybdenum	95-1	117	100	92	103	12.38	cps
Molybdenum	96-1	175	117	158	150	20.03	cps
Molybdenum	97-1	100	92	117	103	12.39	cps
Molybdenum	98-1	167	183	217	189	13.48	cps
Neodymium	150-1	60	33	33	42	36.47	cps
Neodymium	150-2	27	7	7	13	86.58	cps
Nickel	60-2	658	721	784	721	8.77	cps
Phosphorus	31-2	67	75	100	81	21.53	cps
Potassium	39-2	18604	18162	18980	18582	2.20	cps
Rhodium	103-1	2614211	2600248	2578665	2597708	0.69	cps
Rhodium	103-2	1289492	1308059	1312332	1303295	0.93	cps
Scandium	45-1	2700147	2681895	2671450	2684498	0.54	cps
Scandium	45-2	134827	134514	134507	134616	0.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	37	24	30	21.51	cps
Selenium	82-1	27	-9	21	13	149.27	cps
Silicon	28-1	694570	674889	673651	681036	1.72	cps
Silver	109-1	175	208	175	186	10.34	cps
Silver	107-1	200	175	233	203	14.43	cps
Sodium	23-2	496409	494677	492788	494625	0.37	cps
Strontium	86-1	2709	2575	2484	2589	4.37	cps
Strontium	88-1	21484	20240	20148	20624	3.62	cps
Sulfur	34-1	189581	189378	185728	188229	1.15	cps
Terbium	159-1	3718065	3695321	3668866	3694084	0.67	cps
Terbium	159-2	1827815	1828760	1821088	1825888	0.23	cps
Thallium	203-1	33	58	67	53	32.88	cps
Thallium	205-1	92	92	100	94	5.09	cps
Thorium	232-1	111	200	217	176	32.26	cps
Tin	118-1	125	167	125	139	17.32	cps
Titanium	47-1	58	117	67	81	39.16	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	37	37	20	31	30.93	cps
Yttrium	89-1	3396085	3349771	3343260	3363038	0.86	cps
Yttrium	89-2	535320	537371	537302	536664	0.22	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-03DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:02:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	403	440	430	424	4.47	cps
Zirconium	90-1	275	208	300	261	18.15	cps
Zirconium	91-1	83	50	100	78	32.74	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	367	358	361	1.33	cps
Antimony	121-1	83	133	75	97	32.45	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	925	967	875	922	4.98	cps
Barium	137-1	1842	1800	1817	1820	1.15	cps
Beryllium	9-1	83	63	63	70	16.50	cps
Bismuth	209-1	2039036	2037786	2018350	2031724	0.57	cps
Bismuth	209-2	1133245	1162289	1167113	1154216	1.59	cps
Boron	10-1	2142	2017	2225	2128	4.93	cps
Boron	11-1	9945	9854	9120	9640	4.69	cps
Cadmium	111-1	908	894	858	887	2.96	cps
Cadmium	106-1	1058	1125	1033	1072	4.42	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	12864	12656	12939	12820	1.15	cps
Calcium	44-1	211280	205872	207579	208244	1.33	cps
Chromium	52-2	745445	753993	756241	751893	0.76	cps
Cobalt	59-2	693	660	733	696	5.28	cps
Copper	63-2	5311	5044	5321	5225	3.00	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	30	23	10	21	48.24	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	20	40	23	28	38.58	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	70	37	47	51	33.46	cps
Holmium	165-1	3563598	3547376	3532767	3547914	0.43	cps
Holmium	165-2	1806431	1825370	1838903	1823568	0.89	cps
Indium	115-1	2615225	2606129	2591703	2604352	0.46	cps
Indium	115-2	564523	578400	581235	574719	1.56	cps
Iron	56-2	3506	3367	3545	3473	2.69	cps
Iron	57-2	294	211	261	256	16.41	cps
Krypton	83-1	137	103	110	117	15.12	cps
Lead	206-1	544	589	583	572	4.23	cps
Lead	207-1	433	433	467	444	4.33	cps
Lead	208-1	2306	2095	2189	2196	4.82	cps
Lithium	6-1	1523765	1510394	1494748	1509636	0.96	cps
Magnesium	24-2	21575	21900	21942	21805	0.92	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82198	83582	83445	83075	0.92	cps
Molybdenum	94-1	200	150	67	139	48.50	cps
Molybdenum	95-1	92	100	92	94	5.09	cps
Molybdenum	96-1	100	158	83	114	34.58	cps
Molybdenum	97-1	50	67	58	58	14.29	cps
Molybdenum	98-1	125	100	125	117	12.37	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	652	642	730	675	7.10	cps
Phosphorus	31-2	58	108	117	94	33.40	cps
Potassium	39-2	18337	18429	18596	18454	0.71	cps
Rhodium	103-1	2613182	2618054	2603633	2611623	0.28	cps
Rhodium	103-2	1314251	1320831	1332036	1322373	0.68	cps
Scandium	45-1	2690729	2665027	2691194	2682317	0.56	cps
Scandium	45-2	135361	137501	138156	137006	1.07	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	33	39	38	12.18	cps
Selenium	82-1	37	35	64	45	35.54	cps
Silicon	28-1	675459	670077	660968	668835	1.10	cps
Silver	109-1	150	83	83	106	36.46	cps
Silver	107-1	117	108	117	114	4.22	cps
Sodium	23-2	490361	492186	492819	491789	0.26	cps
Strontium	86-1	2384	2500	2659	2514	5.49	cps
Strontium	88-1	21458	20724	20373	20852	2.65	cps
Sulfur	34-1	184926	181692	181364	182661	1.08	cps
Terbium	159-1	3729383	3700767	3687876	3706009	0.57	cps
Terbium	159-2	1836190	1861683	1856466	1851446	0.73	cps
Thallium	203-1	33	58	17	36	58.08	cps
Thallium	205-1	75	83	100	86	14.79	cps
Thorium	232-1	94	111	128	111	15.00	cps
Tin	118-1	142	142	142	142	0.00	cps
Titanium	47-1	117	75	83	92	24.05	cps
Uranium	238-1	0	17	8	8	100.02	cps
Vanadium	51-2	30	17	20	22	31.22	cps
Yttrium	89-1	3385747	3360804	3318091	3354881	1.02	cps
Yttrium	89-2	542865	547392	550603	546953	0.71	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-04DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:05:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	670	673	617	653	4.87	cps
Zirconium	90-1	225	283	325	278	18.08	cps
Zirconium	91-1	117	75	42	78	48.31	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	350	258	308	15.05	cps
Antimony	121-1	83	33	108	75	50.92	cps
Arsenic	75-2	0	7	2	3	124.95	cps
Barium	135-1	892	1033	858	928	10.02	cps
Barium	137-1	1850	1650	1734	1745	5.76	cps
Beryllium	9-1	97	60	67	74	26.24	cps
Bismuth	209-1	2026779	2017695	2003442	2015972	0.58	cps
Bismuth	209-2	1131548	1133384	1131339	1132090	0.10	cps
Boron	10-1	2109	2134	1825	2022	8.47	cps
Boron	11-1	8795	8820	8686	8767	0.81	cps
Cadmium	111-1	895	840	765	833	7.88	cps
Cadmium	106-1	1117	1008	983	1036	6.84	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	11505	10879	10896	11093	3.21	cps
Calcium	44-1	190613	189026	190732	190123	0.50	cps
Chromium	52-2	622617	625993	635369	627993	1.05	cps
Cobalt	59-2	590	640	570	600	6.01	cps
Copper	63-2	4708	4464	4314	4495	4.42	cps
Dysprosium	156-1	17	17	58	31	78.72	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	0	7	20	9	114.55	cps
Gadolinium	160-1	25	8	67	33	90.15	cps
Gadolinium	160-2	57	93	73	74	24.66	cps
Holmium	165-1	3499915	3514959	3476678	3497184	0.55	cps
Holmium	165-2	1806929	1808137	1803188	1806085	0.14	cps
Indium	115-1	2581437	2549613	2588884	2573312	0.81	cps
Indium	115-2	567654	572429	569628	569904	0.42	cps
Iron	56-2	2239	2406	2278	2308	3.78	cps
Iron	57-2	217	194	222	211	6.96	cps
Krypton	83-1	127	103	63	98	32.76	cps
Lead	206-1	544	500	489	511	5.75	cps
Lead	207-1	439	450	356	415	12.44	cps
Lead	208-1	2022	2172	1783	1993	9.84	cps
Lithium	6-1	1526836	1509057	1511055	1515649	0.64	cps
Magnesium	24-2	19847	19614	18912	19458	2.50	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76206	77707	78387	77434	1.44	cps
Molybdenum	94-1	117	175	108	133	27.24	cps
Molybdenum	95-1	92	50	42	61	43.83	cps
Molybdenum	96-1	75	183	42	100	74.07	cps
Molybdenum	97-1	33	25	92	50	72.65	cps
Molybdenum	98-1	158	108	100	122	25.81	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	635	582	613	610	4.37	cps
Phosphorus	31-2	75	67	92	78	16.37	cps
Potassium	39-2	17836	17861	17920	17872	0.24	cps
Rhodium	103-1	2593657	2583460	2617116	2598078	0.66	cps
Rhodium	103-2	1302521	1303325	1305361	1303735	0.11	cps
Scandium	45-1	2650921	2660200	2692477	2667866	0.82	cps
Scandium	45-2	134914	134638	135227	134927	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	22	39	29	30.17	cps
Selenium	82-1	9	50	72	44	73.29	cps
Silicon	28-1	605421	603417	593138	600659	1.10	cps
Silver	109-1	75	50	58	61	20.83	cps
Silver	107-1	75	125	92	97	26.19	cps
Sodium	23-2	438417	442853	446606	442625	0.93	cps
Strontium	86-1	2150	2417	2234	2267	6.02	cps
Strontium	88-1	18262	17720	18471	18151	2.14	cps
Sulfur	34-1	184217	185963	191009	187063	1.89	cps
Terbium	159-1	3693506	3659612	3673444	3675521	0.46	cps
Terbium	159-2	1838926	1820377	1832013	1830439	0.51	cps
Thallium	203-1	33	25	17	25	33.32	cps
Thallium	205-1	50	75	75	67	21.65	cps
Thorium	232-1	89	94	89	91	3.54	cps
Tin	118-1	133	167	158	153	11.35	cps
Titanium	47-1	83	75	83	81	5.98	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	23	3	10	12	83.33	cps
Yttrium	89-1	3348182	3331153	3344694	3341343	0.27	cps
Yttrium	89-2	534428	541903	539964	538765	0.72	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-07DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619DL	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:09:20	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	530	510	477	506	5.33	cps
Zirconium	90-1	292	267	258	272	6.37	cps
Zirconium	91-1	75	108	75	86	22.35	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:12:56	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	425	367	364	17.19	cps
Antimony	121-1	50	42	75	56	31.22	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	850	867	975	897	7.56	cps
Barium	137-1	1433	1742	1525	1567	10.11	cps
Beryllium	9-1	67	53	63	61	11.36	cps
Bismuth	209-1	2036797	2034290	2033322	2034803	0.09	cps
Bismuth	209-2	1096466	1146600	1131365	1124810	2.28	cps
Boron	10-1	1550	1834	1675	1686	8.42	cps
Boron	11-1	7510	8236	7802	7850	4.65	cps
Cadmium	111-1	783	828	784	798	3.20	cps
Cadmium	106-1	1025	1042	1000	1022	2.05	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	11805	11538	11046	11463	3.36	cps
Calcium	44-1	194529	190091	191735	192119	1.17	cps
Chromium	52-2	649012	641646	652908	647855	0.88	cps
Cobalt	59-2	647	650	593	630	5.05	cps
Copper	63-2	4274	4314	4387	4325	1.33	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	60	67	67	64	5.98	cps
Holmium	165-1	3488446	3520497	3515980	3508307	0.49	cps
Holmium	165-2	1743990	1827964	1791150	1787701	2.35	cps
Indium	115-1	2578581	2569332	2591026	2579646	0.42	cps
Indium	115-2	551093	576843	572713	566883	2.44	cps
Iron	56-2	2184	2311	2134	2209	4.15	cps
Iron	57-2	183	167	206	185	10.54	cps
Krypton	83-1	140	137	100	126	17.68	cps
Lead	206-1	489	389	400	426	12.87	cps
Lead	207-1	350	422	422	398	10.47	cps
Lead	208-1	1950	1756	1595	1767	10.08	cps
Lithium	6-1	1544841	1541108	1530075	1538675	0.50	cps
Magnesium	24-2	19422	19305	20273	19666	2.69	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:12:56	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76212	76099	76544	76285	0.30	cps
Molybdenum	94-1	192	167	142	167	15.00	cps
Molybdenum	95-1	58	25	67	50	44.10	cps
Molybdenum	96-1	142	67	100	103	36.56	cps
Molybdenum	97-1	25	50	33	36	35.25	cps
Molybdenum	98-1	125	142	58	108	40.70	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	614	593	646	617	4.31	cps
Phosphorus	31-2	58	125	117	100	36.32	cps
Potassium	39-2	17594	17519	17778	17630	0.75	cps
Rhodium	103-1	2594490	2597583	2600466	2597513	0.12	cps
Rhodium	103-2	1268011	1327697	1313361	1303023	2.39	cps
Scandium	45-1	2693501	2694846	2685166	2691171	0.19	cps
Scandium	45-2	131252	137598	137175	135342	2.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	33	24	30	16.54	cps
Selenium	82-1	-3	35	47	26	99.00	cps
Silicon	28-1	612533	605786	605188	607836	0.67	cps
Silver	109-1	108	83	67	86	24.35	cps
Silver	107-1	83	42	58	61	34.32	cps
Sodium	23-2	440716	447488	450554	446253	1.13	cps
Strontium	86-1	2317	2509	2242	2356	5.84	cps
Strontium	88-1	19380	18279	18738	18799	2.94	cps
Sulfur	34-1	186943	184630	181608	184394	1.45	cps
Terbium	159-1	3665619	3707119	3707358	3693365	0.65	cps
Terbium	159-2	1790943	1862765	1858590	1837433	2.19	cps
Thallium	203-1	33	17	25	25	33.32	cps
Thallium	205-1	108	108	92	103	9.36	cps
Thorium	232-1	50	78	72	67	22.05	cps
Tin	118-1	117	133	125	125	6.67	cps
Titanium	47-1	75	58	75	69	13.85	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	3343786	3338248	3380614	3354216	0.69	cps
Yttrium	89-2	521994	543322	541289	535535	2.20	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EW-03-062619-FDC	Dilution Factor :	100
Date & Time Acquired ::	2019-07-05 19:12:56	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	867	890	930	896	3.58	cps
Zirconium	90-1	275	367	233	292	23.39	cps
Zirconium	91-1	92	67	67	75	19.24	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	217	250	225	9.80	cps
Antimony	121-1	1383	1242	1175	1267	8.40	cps
Arsenic	75-2	6	17	7	10	60.25	cps
Barium	135-1	15109	15176	14917	15067	0.89	cps
Barium	137-1	27520	26268	27119	26969	2.37	cps
Beryllium	9-1	83	43	50	59	36.39	cps
Bismuth	209-1	2038803	2020886	2034389	2031359	0.46	cps
Bismuth	209-2	1125645	1145525	1126459	1132543	0.99	cps
Boron	10-1	16376	16084	16918	16459	2.57	cps
Boron	11-1	78244	76678	78002	77641	1.09	cps
Cadmium	111-1	1017	950	1005	990	3.61	cps
Cadmium	106-1	1067	1033	1133	1078	4.72	cps
Cadmium	108-1	25	46	38	36	29.03	cps
Calcium	43-1	161996	164237	167014	164416	1.53	cps
Calcium	44-1	2647063	2652175	2684671	2661303	0.77	cps
Chromium	52-2	444296	451357	444718	446790	0.89	cps
Cobalt	59-2	233	233	193	220	10.50	cps
Copper	63-2	2447	2547	2690	2561	4.78	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	30	23	33	29	17.63	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	17	27	33	26	32.81	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	87	67	87	80	14.43	cps
Holmium	165-1	3596705	3518940	3578282	3564642	1.14	cps
Holmium	165-2	1818670	1841236	1812813	1824240	0.82	cps
Indium	115-1	2630542	2577608	2603463	2603871	1.02	cps
Indium	115-2	563832	575921	568283	569345	1.07	cps
Iron	56-2	5323	5712	5446	5494	3.62	cps
Iron	57-2	1383	1239	1317	1313	5.51	cps
Krypton	83-1	123	147	137	136	8.63	cps
Lead	206-1	972	1028	967	989	3.42	cps
Lead	207-1	700	856	644	733	14.92	cps
Lead	208-1	3589	3739	3556	3628	2.69	cps
Lithium	6-1	1509456	1468852	1471452	1483253	1.53	cps
Magnesium	24-2	297711	298238	290043	295331	1.55	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173813	177074	171863	174250	1.51	cps
Molybdenum	94-1	392	433	400	408	5.40	cps
Molybdenum	95-1	525	458	408	464	12.62	cps
Molybdenum	96-1	608	567	467	547	13.31	cps
Molybdenum	97-1	300	317	217	278	19.29	cps
Molybdenum	98-1	742	633	708	694	7.99	cps
Neodymium	150-1	40	40	67	49	31.50	cps
Neodymium	150-2	17	23	20	20	16.65	cps
Nickel	60-2	1918	1995	1898	1937	2.66	cps
Phosphorus	31-2	158	117	108	128	20.96	cps
Potassium	39-2	66935	65838	65127	65967	1.38	cps
Rhodium	103-1	2632242	2540255	2614836	2595777	1.88	cps
Rhodium	103-2	1298597	1339160	1325373	1321043	1.56	cps
Scandium	45-1	2735509	2689267	2738604	2721127	1.02	cps
Scandium	45-2	135583	138769	139306	137886	1.46	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	37	30	24	30	21.51	cps
Selenium	82-1	37	6	-1	14	141.78	cps
Silicon	28-1	2996542	2979676	3017208	2997809	0.63	cps
Silver	109-1	167	200	233	200	16.67	cps
Silver	107-1	233	175	158	189	20.85	cps
Sodium	23-2	6529138	6542872	6396268	6489426	1.25	cps
Strontium	86-1	34233	34960	34150	34448	1.29	cps
Strontium	88-1	297794	295049	294942	295928	0.55	cps
Sulfur	34-1	297478	296054	295041	296191	0.41	cps
Terbium	159-1	3737492	3673228	3759165	3723295	1.20	cps
Terbium	159-2	1836455	1884560	1849872	1856962	1.34	cps
Thallium	203-1	75	75	25	58	49.49	cps
Thallium	205-1	183	142	167	164	12.80	cps
Thorium	232-1	100	111	106	106	5.26	cps
Tin	118-1	200	300	225	242	21.54	cps
Titanium	47-1	133	125	125	128	3.76	cps
Uranium	238-1	317	317	417	350	16.50	cps
Vanadium	51-2	100	117	143	120	18.22	cps
Yttrium	89-1	3418221	3361004	3409017	3396081	0.90	cps
Yttrium	89-2	531189	544759	542691	539547	1.36	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:16:34	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1680	1757	1800	1746	3.48	cps
Zirconium	90-1	325	308	433	356	19.09	cps
Zirconium	91-1	100	67	58	75	29.40	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:20:11	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	183	267	214	21.46	cps
Antimony	121-1	1125	1175	1117	1139	2.77	cps
Arsenic	75-2	13	13	9	12	18.22	cps
Barium	135-1	15417	16293	16135	15949	2.93	cps
Barium	137-1	27570	27002	26401	26991	2.17	cps
Beryllium	9-1	73	80	67	73	9.09	cps
Bismuth	209-1	2034781	2032147	2054180	2040369	0.59	cps
Bismuth	209-2	1131311	1142308	1150639	1141419	0.85	cps
Boron	10-1	17310	17127	16651	17030	2.00	cps
Boron	11-1	79728	78915	80783	79809	1.17	cps
Cadmium	111-1	1063	998	993	1018	3.80	cps
Cadmium	106-1	1117	1142	1067	1108	3.45	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	171245	168838	165945	168676	1.57	cps
Calcium	44-1	2695518	2725932	2691600	2704350	0.69	cps
Chromium	52-2	465163	471067	472557	469596	0.83	cps
Cobalt	59-2	223	253	227	234	7.01	cps
Copper	63-2	5568	5751	5745	5688	1.83	cps
Dysprosium	156-1	83	17	50	50	66.67	cps
Dysprosium	156-2	17	30	30	26	30.11	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	47	27	30	34	31.11	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	70	73	63	69	7.39	cps
Holmium	165-1	3610069	3590131	3566353	3588851	0.61	cps
Holmium	165-2	1838685	1822672	1844685	1835347	0.62	cps
Indium	115-1	2619350	2626913	2598914	2615059	0.55	cps
Indium	115-2	567810	574031	581253	574365	1.17	cps
Iron	56-2	5901	6079	5874	5951	1.87	cps
Iron	57-2	1183	1245	1345	1257	6.47	cps
Krypton	83-1	143	87	117	116	24.53	cps
Lead	206-1	889	700	750	780	12.55	cps
Lead	207-1	628	633	661	641	2.79	cps
Lead	208-1	2984	3006	3089	3026	1.84	cps
Lithium	6-1	1452760	1425785	1409571	1429372	1.53	cps
Magnesium	24-2	306466	308121	312590	309059	1.02	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:20:11	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	181396	183458	182968	182607	0.59	cps
Molybdenum	94-1	358	450	383	397	11.93	cps
Molybdenum	95-1	550	500	475	508	7.51	cps
Molybdenum	96-1	500	500	608	536	11.67	cps
Molybdenum	97-1	375	325	417	372	12.33	cps
Molybdenum	98-1	808	783	717	769	6.16	cps
Neodymium	150-1	67	73	47	62	22.30	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	2503	2437	2477	2472	1.34	cps
Phosphorus	31-2	133	175	92	133	31.25	cps
Potassium	39-2	69052	69622	70174	69616	0.81	cps
Rhodium	103-1	2593612	2619791	2601271	2604892	0.52	cps
Rhodium	103-2	1323533	1332155	1336854	1330847	0.51	cps
Scandium	45-1	2722302	2752199	2716336	2730279	0.70	cps
Scandium	45-2	137329	140044	140784	139386	1.30	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	35	59	31	42	35.93	cps
Selenium	82-1	25	76	41	47	55.68	cps
Silicon	28-1	3023696	3032985	3024449	3027043	0.17	cps
Silver	109-1	150	167	200	172	14.78	cps
Silver	107-1	167	158	275	200	32.54	cps
Sodium	23-2	6744054	6753405	6821448	6772969	0.62	cps
Strontium	86-1	36230	35662	35186	35693	1.46	cps
Strontium	88-1	305088	303397	298250	302245	1.18	cps
Sulfur	34-1	295881	290852	291066	292600	0.97	cps
Terbium	159-1	3791744	3757306	3737129	3762060	0.73	cps
Terbium	159-2	1868915	1854171	1876688	1866592	0.61	cps
Thallium	203-1	50	33	75	53	39.74	cps
Thallium	205-1	108	50	142	100	46.40	cps
Thorium	232-1	56	94	133	94	41.18	cps
Tin	118-1	242	250	292	261	10.26	cps
Titanium	47-1	92	125	125	114	16.90	cps
Uranium	238-1	367	358	408	378	7.09	cps
Vanadium	51-2	130	143	133	136	5.12	cps
Yttrium	89-1	3452486	3420485	3391467	3421479	0.89	cps
Yttrium	89-2	543298	550135	550561	547998	0.74	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619DUP	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:20:11	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	853	880	867	867	1.54	cps
Zirconium	90-1	367	333	300	333	10.00	cps
Zirconium	91-1	58	42	58	53	18.23	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-05 19:23:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	58	61	20.83	cps
Antimony	121-1	283	175	175	211	29.63	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	2984	2792	3025	2934	4.24	cps
Barium	137-1	5501	5009	5326	5279	4.72	cps
Beryllium	9-1	57	43	63	54	18.71	cps
Bismuth	209-1	2040602	2047622	2034953	2041059	0.31	cps
Bismuth	209-2	1148048	1154952	1174280	1159093	1.17	cps
Boron	10-1	5018	5193	5093	5101	1.72	cps
Boron	11-1	23519	23185	23703	23469	1.12	cps
Cadmium	111-1	825	821	818	821	0.48	cps
Cadmium	106-1	1100	1092	1125	1106	1.57	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	34399	33606	33497	33834	1.46	cps
Calcium	44-1	549022	544901	549939	547954	0.49	cps
Chromium	52-2	94105	92914	93598	93539	0.64	cps
Cobalt	59-2	43	43	37	41	9.35	cps
Copper	63-2	903	943	960	936	3.11	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	67	25	36	74.18	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	67	60	63	63	5.27	cps
Holmium	165-1	3558292	3537057	3571842	3555730	0.49	cps
Holmium	165-2	1855587	1860245	1873648	1863160	0.50	cps
Indium	115-1	2628243	2651351	2650640	2643411	0.50	cps
Indium	115-2	584991	596878	591549	591139	1.01	cps
Iron	56-2	2911	3006	3217	3045	5.14	cps
Iron	57-2	433	378	439	417	8.11	cps
Krypton	83-1	107	107	150	121	20.66	cps
Lead	206-1	483	439	439	454	5.66	cps
Lead	207-1	428	378	372	393	7.79	cps
Lead	208-1	1856	1783	1795	1811	2.15	cps
Lithium	6-1	1457782	1452370	1453104	1454419	0.20	cps
Magnesium	24-2	62088	62389	60598	61692	1.55	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-05 19:23:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36034	37033	36185	36417	1.48	cps
Molybdenum	94-1	250	158	142	183	31.82	cps
Molybdenum	95-1	175	142	92	136	30.82	cps
Molybdenum	96-1	158	158	192	169	11.36	cps
Molybdenum	97-1	108	58	100	89	30.13	cps
Molybdenum	98-1	158	208	133	167	22.91	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	426	474	432	444	5.94	cps
Phosphorus	31-2	133	133	92	119	20.14	cps
Potassium	39-2	24329	25205	24429	24654	1.95	cps
Rhodium	103-1	2641777	2650619	2675408	2655935	0.66	cps
Rhodium	103-2	1341118	1360581	1368106	1356602	1.03	cps
Scandium	45-1	2723309	2728283	2768118	2739903	0.90	cps
Scandium	45-2	139816	141279	142615	141237	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	37	43	34	31.02	cps
Selenium	82-1	29	60	-9	27	130.33	cps
Silicon	28-1	675839	671171	673548	673519	0.35	cps
Silver	109-1	92	75	83	83	10.00	cps
Silver	107-1	58	92	117	89	32.92	cps
Sodium	23-2	1326949	1342363	1352475	1340596	0.96	cps
Strontium	86-1	7636	6635	7727	7333	8.26	cps
Strontium	88-1	63432	60595	61005	61677	2.49	cps
Sulfur	34-1	216549	212680	211065	213431	1.32	cps
Terbium	159-1	3721096	3731485	3791255	3747945	1.01	cps
Terbium	159-2	1888857	1881527	1895011	1888465	0.36	cps
Thallium	203-1	25	8	8	14	69.31	cps
Thallium	205-1	67	83	17	56	62.45	cps
Thorium	232-1	44	83	72	67	30.04	cps
Tin	118-1	117	142	133	131	9.75	cps
Titanium	47-1	92	100	33	75	48.44	cps
Uranium	238-1	75	50	75	67	21.65	cps
Vanadium	51-2	63	47	43	51	20.96	cps
Yttrium	89-1	3436710	3421882	3482552	3447048	0.92	cps
Yttrium	89-2	555097	559412	562484	558998	0.66	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-05 19:23:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	373	347	267	329	16.88	cps
Zirconium	90-1	342	267	258	289	15.89	cps
Zirconium	91-1	58	17	83	53	63.81	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:27:24 DataFile Name : 090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105613	105000	106426	105680	0.68	cps
Antimony	121-1	281607	277937	283058	280867	0.94	cps
Arsenic	75-2	12548	12613	12724	12628	0.71	cps
Barium	135-1	379999	370736	378559	376432	1.32	cps
Barium	137-1	657335	646244	653314	652298	0.86	cps
Beryllium	9-1	109572	107594	108598	108588	0.91	cps
Bismuth	209-1	1975931	2034544	2058845	2023107	2.11	cps
Bismuth	209-2	1167051	1036948	1096928	1100309	5.92	cps
Boron	10-1	31442	31242	32645	31776	2.39	cps
Boron	11-1	147942	149870	150358	149390	0.86	cps
Cadmium	111-1	75212	72805	74281	74100	1.64	cps
Cadmium	106-1	9278	8620	9362	9087	4.47	cps
Cadmium	108-1	5747	5685	5551	5661	1.77	cps
Calcium	43-1	299598	295367	298881	297949	0.76	cps
Calcium	44-1	4796827	4787811	4823625	4802754	0.39	cps
Chromium	52-2	585281	595284	588879	589815	0.86	cps
Cobalt	59-2	185847	189433	186590	187290	1.01	cps
Copper	63-2	237079	240283	239284	238882	0.69	cps
Dysprosium	156-1	25	58	58	47	40.76	cps
Dysprosium	156-2	20	33	23	26	27.15	cps
Erbium	164-1	58	75	33	56	37.75	cps
Erbium	164-2	27	17	17	20	28.86	cps
Gadolinium	160-1	92	58	25	58	57.14	cps
Gadolinium	160-2	63	63	67	64	2.99	cps
Holmium	165-1	3535793	3604307	3675752	3605284	1.94	cps
Holmium	165-2	1884329	1667601	1761377	1771103	6.14	cps
Indium	115-1	2564945	2617019	2656874	2612946	1.76	cps
Indium	115-2	582999	520929	554867	552932	5.62	cps
Iron	56-2	5372828	5418358	5356250	5382479	0.60	cps
Iron	57-2	130284	130295	129830	130136	0.20	cps
Krypton	83-1	127	137	127	130	4.44	cps
Lead	206-1	221368	217125	219597	219363	0.97	cps
Lead	207-1	193681	194417	192354	193484	0.54	cps
Lead	208-1	880016	863745	867860	870540	0.97	cps
Lithium	6-1	1423351	1421134	1426778	1423754	0.20	cps
Magnesium	24-2	1514710	1524419	1510962	1516697	0.46	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:27:24 DataFile Name : 090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	334518	334707	332815	334013	0.31	cps
Molybdenum	94-1	702445	681521	692647	692204	1.51	cps
Molybdenum	95-1	866655	843781	849496	853310	1.40	cps
Molybdenum	96-1	958364	931919	942664	944316	1.41	cps
Molybdenum	97-1	542719	527578	532304	534200	1.45	cps
Molybdenum	98-1	1361947	1343140	1355256	1353448	0.70	cps
Neodymium	150-1	73	60	80	71	14.32	cps
Neodymium	150-2	7	17	47	23	89.20	cps
Nickel	60-2	59127	59362	58837	59109	0.44	cps
Phosphorus	31-2	75	108	133	106	27.73	cps
Potassium	39-2	644318	642660	638381	641786	0.48	cps
Rhodium	103-1	2574880	2608095	2652632	2611869	1.49	cps
Rhodium	103-2	1353003	1208714	1288482	1283400	5.63	cps
Scandium	45-1	2677687	2733070	2799696	2736818	2.23	cps
Scandium	45-2	143020	126745	132791	134185	6.13	cps
Selenium	77-2	413	377	347	379	8.81	cps
Selenium	78-2	1211	1156	1145	1170	3.05	cps
Selenium	82-1	6642	6784	6687	6704	1.08	cps
Silicon	28-1	3323174	3260560	3298076	3293937	0.96	cps
Silver	109-1	320489	317104	320134	319242	0.58	cps
Silver	107-1	336900	331783	336737	335140	0.87	cps
Sodium	23-2	8986623	8986007	8955600	8976077	0.20	cps
Strontium	86-1	135896	134063	134819	134926	0.68	cps
Strontium	88-1	1151415	1131074	1146397	1142962	0.93	cps
Sulfur	34-1	307298	300914	298578	302263	1.49	cps
Terbium	159-1	3686703	3769443	3809639	3755262	1.67	cps
Terbium	159-2	1914426	1676675	1812892	1801331	6.62	cps
Thallium	203-1	256934	251956	252514	253801	1.07	cps
Thallium	205-1	611899	605896	608836	608877	0.49	cps
Thorium	232-1	122	94	139	119	18.94	cps
Tin	118-1	231129	229291	227351	229257	0.82	cps
Titanium	47-1	311245	307826	309663	309578	0.55	cps
Uranium	238-1	972188	939603	962553	958115	1.75	cps
Vanadium	51-2	115461	117187	116720	116456	0.77	cps
Yttrium	89-1	3355293	3412962	3496961	3421739	2.08	cps
Yttrium	89-2	560314	498169	522158	526880	5.95	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:27:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	35630	35908	35978	35838	0.51	cps
Zirconium	90-1	571961	559546	566059	565855	1.10	cps
Zirconium	91-1	129305	126665	127564	127845	1.05	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2919535	2947055	2971996	2946195	0.89	cps
Antimony	121-1	1275459	1241325	1259892	1258892	1.36	cps
Arsenic	75-2	60029	61998	61851	61293	1.79	cps
Barium	135-1	1712161	1695085	1698846	1702031	0.53	cps
Barium	137-1	3000369	2939335	2980970	2973558	1.05	cps
Beryllium	9-1	555049	551388	552760	553066	0.33	cps
Bismuth	209-1	1821436	1807326	1802838	1810534	0.54	cps
Bismuth	209-2	1061228	1081030	1123548	1088602	2.93	cps
Boron	10-1	86145	86095	89943	87394	2.53	cps
Boron	11-1	391491	391302	402144	394979	1.57	cps
Cadmium	111-1	335304	331796	335257	334119	0.60	cps
Cadmium	106-1	39389	38662	38185	38745	1.56	cps
Cadmium	108-1	26450	26479	26700	26543	0.52	cps
Calcium	43-1	3551218	3511638	3515513	3526123	0.62	cps
Calcium	44-1	56593728	56251399	56243803	56362977	0.35	cps
Chromium	52-2	690337	698178	708899	699138	1.33	cps
Cobalt	59-2	892939	913676	922474	909696	1.67	cps
Copper	63-2	1080709	1100901	1109026	1096879	1.33	cps
Dysprosium	156-1	50	67	33	50	33.34	cps
Dysprosium	156-2	57	73	60	63	13.92	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	70	80	57	69	16.99	cps
Holmium	165-1	3560997	3526325	3565258	3550860	0.60	cps
Holmium	165-2	1878802	1858100	1913304	1883402	1.48	cps
Indium	115-1	2576242	2574556	2562954	2571251	0.28	cps
Indium	115-2	606065	611378	635221	617554	2.51	cps
Iron	56-2	136927481	138572489	138931389	138143786	0.77	cps
Iron	57-2	3166597	3200960	3219801	3195786	0.84	cps
Krypton	83-1	153	117	157	142	15.61	cps
Lead	206-1	920828	903325	902075	908743	1.15	cps
Lead	207-1	840270	813876	819361	824502	1.69	cps
Lead	208-1	3738122	3663248	3666992	3689454	1.14	cps
Lithium	6-1	1601108	1582361	1594282	1592584	0.60	cps
Magnesium	24-2	31257035	31435427	31828847	31507103	0.93	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	779687	793046	804729	792487	1.58	cps
Molybdenum	94-1	3863711	3807193	3851075	3840660	0.77	cps
Molybdenum	95-1	5010240	4990912	5011197	5004116	0.23	cps
Molybdenum	96-1	5485301	5429287	5457017	5457202	0.51	cps
Molybdenum	97-1	3040413	3006354	3025416	3024061	0.56	cps
Molybdenum	98-1	7929502	7896163	7904406	7910024	0.22	cps
Neodymium	150-1	193	173	147	171	13.68	cps
Neodymium	150-2	37	63	30	43	40.70	cps
Nickel	60-2	270068	274703	277741	274171	1.41	cps
Phosphorus	31-2	29822	30624	31710	30719	3.08	cps
Potassium	39-2	14949039	15119458	15404683	15157727	1.52	cps
Rhodium	103-1	2530779	2497416	2537091	2521762	0.85	cps
Rhodium	103-2	1318481	1322614	1360004	1333700	1.72	cps
Scandium	45-1	2983204	2931608	2961163	2958658	0.88	cps
Scandium	45-2	155994	155095	162918	158003	2.71	cps
Selenium	77-2	1703	1703	1733	1713	1.01	cps
Selenium	78-2	5434	5977	5957	5789	5.31	cps
Selenium	82-1	29784	29297	29983	29688	1.19	cps
Silicon	28-1	2161059	2302178	2353259	2272165	4.38	cps
Silver	109-1	1480861	1468703	1464473	1471346	0.58	cps
Silver	107-1	1550617	1544537	1544706	1546620	0.22	cps
Sodium	23-2	62528535	63368374	63898429	63265113	1.09	cps
Strontium	86-1	533071	525242	521697	526670	1.11	cps
Strontium	88-1	4554014	4460155	4549003	4521057	1.17	cps
Sulfur	34-1	442549	430223	431345	434706	1.57	cps
Terbium	159-1	3761822	3708521	3735512	3735285	0.71	cps
Terbium	159-2	1894986	1890186	1952725	1912632	1.82	cps
Thallium	203-1	1140431	1113749	1126193	1126791	1.18	cps
Thallium	205-1	2769562	2692880	2731552	2731331	1.40	cps
Thorium	232-1	4636607	4536475	4527444	4566842	1.33	cps
Tin	118-1	1055812	1048646	1052000	1052153	0.34	cps
Titanium	47-1	1865109	1833311	1837871	1845431	0.93	cps
Uranium	238-1	4499513	4353098	4365520	4406044	1.84	cps
Vanadium	51-2	599335	607001	613458	606598	1.17	cps
Yttrium	89-1	3576642	3524653	3547152	3549482	0.73	cps
Yttrium	89-2	604766	614778	630341	616628	2.09	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:42:38	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	165687	168967	171177	168610	1.64	cps
Zirconium	90-1	2954527	2904930	2945230	2934896	0.90	cps
Zirconium	91-1	646804	635701	643412	641972	0.89	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	217	125	172	26.65	cps
Antimony	121-1	967	1308	933	1070	19.41	cps
Arsenic	75-2	9	4	13	9	53.95	cps
Barium	135-1	117	100	125	114	11.18	cps
Barium	137-1	217	183	142	181	20.81	cps
Beryllium	9-1	133	130	120	128	5.43	cps
Bismuth	209-1	1984615	2004108	2005715	1998146	0.59	cps
Bismuth	209-2	1155768	1175280	1190051	1173699	1.47	cps
Boron	10-1	4526	4893	4384	4601	5.70	cps
Boron	11-1	22275	19964	19547	20595	7.14	cps
Cadmium	111-1	770	796	845	804	4.69	cps
Cadmium	106-1	1042	1075	1142	1086	4.69	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	350	267	250	289	18.55	cps
Calcium	44-1	12364	12489	11822	12225	2.90	cps
Chromium	52-2	500	663	620	594	14.23	cps
Cobalt	59-2	57	53	40	50	17.64	cps
Copper	63-2	363	350	357	357	1.87	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	50	80	43	58	33.81	cps
Holmium	165-1	3527748	3581650	3550867	3553422	0.76	cps
Holmium	165-2	1894971	1915209	1924666	1911615	0.79	cps
Indium	115-1	2732988	2705737	2760386	2733037	1.00	cps
Indium	115-2	628088	638635	652238	639654	1.89	cps
Iron	56-2	8303	8025	7875	8067	2.69	cps
Iron	57-2	294	322	233	283	16.05	cps
Krypton	83-1	143	157	167	156	7.52	cps
Lead	206-1	650	589	622	620	4.93	cps
Lead	207-1	594	522	511	543	8.34	cps
Lead	208-1	2789	2422	2522	2578	7.35	cps
Lithium	6-1	1657235	1645679	1658547	1653820	0.43	cps
Magnesium	24-2	1325	1542	1292	1386	9.79	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	67	70	67	5.00	cps
Molybdenum	94-1	867	933	792	864	8.20	cps
Molybdenum	95-1	1142	1175	1075	1131	4.50	cps
Molybdenum	96-1	1342	1200	933	1158	17.90	cps
Molybdenum	97-1	842	650	500	664	25.80	cps
Molybdenum	98-1	1750	1558	1425	1578	10.36	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	31	57	51	46	29.30	cps
Phosphorus	31-2	67	92	67	75	19.24	cps
Potassium	39-2	16293	16151	16710	16385	1.77	cps
Rhodium	103-1	2753960	2772656	2765917	2764178	0.34	cps
Rhodium	103-2	1416128	1430103	1437084	1427772	0.75	cps
Scandium	45-1	2982134	2987336	3009736	2993069	0.49	cps
Scandium	45-2	154687	154260	157018	155322	0.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	50	50	43	48	9.00	cps
Selenium	82-1	33	0	-25	3	1008.63	cps
Silicon	28-1	133995	129422	127951	130456	2.42	cps
Silver	109-1	267	233	233	244	7.87	cps
Silver	107-1	267	300	208	258	17.96	cps
Sodium	23-2	20974	21007	20915	20965	0.22	cps
Strontium	86-1	250	267	183	233	18.90	cps
Strontium	88-1	392	375	317	361	10.91	cps
Sulfur	34-1	189737	187262	187608	188202	0.71	cps
Terbium	159-1	3782934	3730426	3801176	3771512	0.97	cps
Terbium	159-2	1935187	1957503	1969765	1954151	0.90	cps
Thallium	203-1	433	317	367	372	15.73	cps
Thallium	205-1	1083	933	883	967	10.77	cps
Thorium	232-1	895	694	750	780	13.24	cps
Tin	118-1	367	433	425	408	8.90	cps
Titanium	47-1	208	208	225	214	4.50	cps
Uranium	238-1	383	325	275	328	16.54	cps
Vanadium	51-2	37	43	47	42	12.06	cps
Yttrium	89-1	3591585	3617430	3639877	3616297	0.67	cps
Yttrium	89-2	606075	611261	620740	612692	1.21	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:46:21	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	100	93	84	25.38	cps
Zirconium	90-1	717	650	525	631	15.43	cps
Zirconium	91-1	117	167	50	111	52.68	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	225	267	250	8.82	cps
Antimony	121-1	225	292	300	272	15.10	cps
Arsenic	75-2	9	6	6	7	31.45	cps
Barium	135-1	100	50	92	81	33.26	cps
Barium	137-1	100	100	100	100	0.00	cps
Beryllium	9-1	100	73	90	88	15.35	cps
Bismuth	209-1	2226666	2217828	1925989	2123494	8.06	cps
Bismuth	209-2	1281029	1297232	1293236	1290499	0.65	cps
Boron	10-1	2767	2600	2784	2717	3.73	cps
Boron	11-1	13807	12889	12013	12903	6.95	cps
Cadmium	111-1	956	861	760	859	11.45	cps
Cadmium	106-1	1325	1200	1042	1189	11.94	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	325	275	325	308	9.36	cps
Calcium	44-1	13498	12222	12531	12750	5.22	cps
Chromium	52-2	633	683	657	658	3.80	cps
Cobalt	59-2	17	47	40	34	45.73	cps
Copper	63-2	430	410	360	400	9.01	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	57	80	67	68	17.27	cps
Holmium	165-1	3966797	3919796	3384804	3757132	8.60	cps
Holmium	165-2	2096244	2099702	2105698	2100548	0.23	cps
Indium	115-1	3067958	3020100	2625793	2904617	8.35	cps
Indium	115-2	693400	711157	711351	705303	1.46	cps
Iron	56-2	3990	4317	4306	4204	4.43	cps
Iron	57-2	206	250	189	215	14.71	cps
Krypton	83-1	127	123	113	121	5.73	cps
Lead	206-1	961	1089	956	1002	7.53	cps
Lead	207-1	850	895	794	846	5.92	cps
Lead	208-1	3906	3995	3595	3832	5.48	cps
Lithium	6-1	1865363	1832725	1608318	1768802	7.91	cps
Magnesium	24-2	500	500	508	503	0.96	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	60	83	68	19.88	cps
Molybdenum	94-1	383	358	317	353	9.55	cps
Molybdenum	95-1	375	275	258	303	20.84	cps
Molybdenum	96-1	375	383	417	392	5.63	cps
Molybdenum	97-1	192	233	175	200	15.02	cps
Molybdenum	98-1	492	475	433	467	6.44	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	61	56	64	60	6.62	cps
Phosphorus	31-2	100	117	50	89	39.03	cps
Potassium	39-2	14875	16293	15826	15664	4.61	cps
Rhodium	103-1	3116546	3081256	2660715	2952839	8.59	cps
Rhodium	103-2	1563542	1588698	1587718	1579986	0.90	cps
Scandium	45-1	3349118	3317622	2872202	3179648	8.39	cps
Scandium	45-2	170768	171743	173488	172000	0.80	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	41	37	38	7.50	cps
Selenium	82-1	14	40	24	26	50.03	cps
Silicon	28-1	119550	117450	117592	118197	0.99	cps
Silver	109-1	150	133	117	133	12.50	cps
Silver	107-1	83	150	100	111	31.22	cps
Sodium	23-2	17285	16927	17302	17171	1.23	cps
Strontium	86-1	242	200	225	222	9.44	cps
Strontium	88-1	450	583	442	492	16.17	cps
Sulfur	34-1	190223	191177	191828	191076	0.42	cps
Terbium	159-1	4236884	4141696	3629518	4002699	8.16	cps
Terbium	159-2	2156565	2149380	2141679	2149208	0.35	cps
Thallium	203-1	142	225	183	183	22.73	cps
Thallium	205-1	483	525	383	464	15.69	cps
Thorium	232-1	189	172	267	209	24.09	cps
Tin	118-1	275	325	283	294	9.10	cps
Titanium	47-1	133	83	92	103	26.06	cps
Uranium	238-1	33	58	67	53	32.88	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	4037706	4031791	3496059	3855185	8.07	cps
Yttrium	89-2	666116	678439	674826	673127	0.94	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-062619RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 19:49:57	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1657	1700	1727	1695	2.09	cps
Zirconium	90-1	408	417	275	367	21.68	cps
Zirconium	91-1	83	58	75	72	17.62	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : K3556-05MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-44-OB-062619MSDI Dilution Factor : 5
 Date & Time Acquired :: 2019-07-05 19:53:34 DataFile Name : 097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115076	121153	119608	118612	2.66	cps
Antimony	121-1	291379	295587	294711	293892	0.76	cps
Arsenic	75-2	13399	14509	14392	14100	4.33	cps
Barium	135-1	398407	401018	398209	399211	0.39	cps
Barium	137-1	688080	691889	687005	688991	0.37	cps
Beryllium	9-1	125637	127079	125584	126100	0.67	cps
Bismuth	209-1	1997397	1998179	2032514	2009363	1.00	cps
Bismuth	209-2	1110364	1139403	1142922	1130896	1.58	cps
Boron	10-1	37172	38116	38567	37951	1.88	cps
Boron	11-1	170063	179545	178012	175873	2.89	cps
Cadmium	111-1	78112	78191	77586	77963	0.42	cps
Cadmium	106-1	9428	9762	9921	9704	2.59	cps
Cadmium	108-1	5889	6110	6031	6010	1.86	cps
Calcium	43-1	334494	330334	330367	331732	0.72	cps
Calcium	44-1	5290515	5366442	5323542	5326833	0.71	cps
Chromium	52-2	628203	648174	650711	642363	1.92	cps
Cobalt	59-2	199476	206714	208013	204734	2.25	cps
Copper	63-2	254950	267600	267257	263269	2.74	cps
Dysprosium	156-1	33	33	83	50	57.75	cps
Dysprosium	156-2	10	30	47	29	63.55	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	27	47	50	41	30.69	cps
Gadolinium	160-1	92	17	33	47	83.40	cps
Gadolinium	160-2	80	103	67	83	22.27	cps
Holmium	165-1	3683029	3601918	3737494	3674147	1.86	cps
Holmium	165-2	1841283	1858889	1886156	1862109	1.21	cps
Indium	115-1	2783802	2754620	2818422	2785615	1.15	cps
Indium	115-2	617463	612282	624873	618206	1.02	cps
Iron	56-2	5806613	6041855	6027167	5958545	2.21	cps
Iron	57-2	140368	145210	145048	143542	1.92	cps
Krypton	83-1	150	180	137	156	14.27	cps
Lead	206-1	219129	217886	219487	218834	0.38	cps
Lead	207-1	189973	192364	193691	192010	0.98	cps
Lead	208-1	863196	867338	868048	866194	0.30	cps
Lithium	6-1	1631687	1590334	1615415	1612479	1.29	cps
Magnesium	24-2	1615010	1685588	1712444	1671014	3.01	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:53:34	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	363355	375185	375071	371204	1.83	cps
Molybdenum	94-1	739419	744285	744355	742686	0.38	cps
Molybdenum	95-1	918243	921474	924647	921455	0.35	cps
Molybdenum	96-1	1014531	1025069	1027755	1022452	0.68	cps
Molybdenum	97-1	569729	574938	580895	575187	0.97	cps
Molybdenum	98-1	1443288	1460884	1453567	1452580	0.61	cps
Neodymium	150-1	80	73	60	71	14.32	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Nickel	60-2	61786	65583	65459	64276	3.36	cps
Phosphorus	31-2	125	117	58	100	36.32	cps
Potassium	39-2	704556	739712	736975	727081	2.69	cps
Rhodium	103-1	2820022	2764548	2839754	2808108	1.39	cps
Rhodium	103-2	1398995	1391136	1416822	1402318	0.94	cps
Scandium	45-1	3098907	3045735	3096714	3080452	0.98	cps
Scandium	45-2	153055	154534	156257	154616	1.04	cps
Selenium	77-2	380	370	380	377	1.53	cps
Selenium	78-2	1335	1313	1365	1338	1.94	cps
Selenium	82-1	7002	7189	7221	7137	1.65	cps
Silicon	28-1	3746354	3804901	3767048	3772768	0.79	cps
Silver	109-1	341954	343540	346252	343915	0.63	cps
Silver	107-1	354084	353350	360197	355877	1.06	cps
Sodium	23-2	9638196	10035819	10086768	9920261	2.48	cps
Strontium	86-1	146153	146769	147399	146774	0.42	cps
Strontium	88-1	1223252	1231904	1231069	1228742	0.39	cps
Sulfur	34-1	327673	320813	316704	321730	1.72	cps
Terbium	159-1	3895772	3823715	3966280	3895256	1.83	cps
Terbium	159-2	1916754	1899345	1935301	1917133	0.94	cps
Thallium	203-1	256017	255140	257575	256244	0.48	cps
Thallium	205-1	603254	610492	607748	607164	0.60	cps
Thorium	232-1	522	428	550	500	12.81	cps
Tin	118-1	242785	241394	242699	242292	0.32	cps
Titanium	47-1	347208	350802	349657	349222	0.53	cps
Uranium	238-1	933100	944994	935964	938020	0.66	cps
Vanadium	51-2	125910	129287	131493	128897	2.18	cps
Yttrium	89-1	3718945	3682972	3759875	3720597	1.03	cps
Yttrium	89-2	599696	597345	605470	600837	0.70	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619MSDI	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:53:34	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38040	39914	39540	39165	2.53	cps
Zirconium	90-1	601890	603943	603763	603199	0.19	cps
Zirconium	91-1	136075	138347	135578	136667	1.08	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:57:10	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117828	118450	118257	118178	0.27	cps
Antimony	121-1	290729	291328	293257	291771	0.45	cps
Arsenic	75-2	13807	13977	13794	13859	0.74	cps
Barium	135-1	393094	400593	395886	396524	0.96	cps
Barium	137-1	678284	678021	683572	679959	0.46	cps
Beryllium	9-1	120215	119866	120261	120114	0.18	cps
Bismuth	209-1	2001102	2009144	2015769	2008672	0.37	cps
Bismuth	209-2	1139041	1153566	1151115	1147907	0.68	cps
Boron	10-1	36386	38366	37255	37336	2.66	cps
Boron	11-1	171666	172812	174032	172837	0.68	cps
Cadmium	111-1	75796	76921	76907	76541	0.84	cps
Cadmium	106-1	9278	9412	9495	9395	1.16	cps
Cadmium	108-1	5972	5935	5876	5928	0.81	cps
Calcium	43-1	329614	329040	334253	330969	0.86	cps
Calcium	44-1	5208763	5243384	5286965	5246371	0.75	cps
Chromium	52-2	639822	651645	647300	646256	0.93	cps
Cobalt	59-2	202148	206691	204771	204537	1.12	cps
Copper	63-2	261002	263019	261956	261992	0.39	cps
Dysprosium	156-1	33	75	50	53	39.74	cps
Dysprosium	156-2	30	43	27	33	26.45	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	27	13	19	36.75	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	90	83	57	77	23.00	cps
Holmium	165-1	3595982	3632554	3723843	3650793	1.80	cps
Holmium	165-2	1878632	1902551	1903020	1894734	0.74	cps
Indium	115-1	2702278	2756187	2785420	2747962	1.53	cps
Indium	115-2	613021	626426	623868	621105	1.15	cps
Iron	56-2	5875533	6033231	5907050	5938605	1.41	cps
Iron	57-2	142871	144117	142445	143144	0.61	cps
Krypton	83-1	143	167	133	148	11.57	cps
Lead	206-1	220474	218580	218722	219259	0.48	cps
Lead	207-1	194722	191956	191193	192623	0.96	cps
Lead	208-1	870412	866860	863467	866913	0.40	cps
Lithium	6-1	1542512	1541709	1530010	1538077	0.45	cps
Magnesium	24-2	1661737	1687033	1664585	1671118	0.83	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:57:10	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367123	376586	370000	371237	1.31	cps
Molybdenum	94-1	734825	736031	741014	737290	0.45	cps
Molybdenum	95-1	909341	918240	922868	916817	0.75	cps
Molybdenum	96-1	1006859	1016093	1009839	1010930	0.47	cps
Molybdenum	97-1	569326	573669	571655	571550	0.38	cps
Molybdenum	98-1	1427935	1449482	1445823	1441080	0.80	cps
Neodymium	150-1	53	47	67	56	18.33	cps
Neodymium	150-2	27	20	20	22	17.33	cps
Nickel	60-2	64034	64975	64337	64449	0.74	cps
Phosphorus	31-2	58	83	67	69	18.33	cps
Potassium	39-2	716469	735094	721576	724380	1.33	cps
Rhodium	103-1	2717671	2766759	2777457	2753963	1.16	cps
Rhodium	103-2	1402458	1425546	1409766	1412590	0.84	cps
Scandium	45-1	2987893	2993370	3055455	3012240	1.25	cps
Scandium	45-2	154587	158810	155762	156387	1.39	cps
Selenium	77-2	337	430	303	357	18.41	cps
Selenium	78-2	1289	1280	1365	1311	3.56	cps
Selenium	82-1	7088	7045	7145	7093	0.71	cps
Silicon	28-1	3617226	3669083	3654955	3647088	0.74	cps
Silver	109-1	334405	336669	337246	336107	0.45	cps
Silver	107-1	354603	353618	355181	354467	0.22	cps
Sodium	23-2	9994603	9992187	9993279	9993356	0.01	cps
Strontium	86-1	144261	146111	145598	145323	0.66	cps
Strontium	88-1	1220346	1232616	1228153	1227038	0.51	cps
Sulfur	34-1	303714	303986	304876	304192	0.20	cps
Terbium	159-1	3808913	3869444	3892441	3856933	1.12	cps
Terbium	159-2	1918741	1950346	1924648	1931245	0.87	cps
Thallium	203-1	252557	251372	251765	251898	0.24	cps
Thallium	205-1	607435	600948	611285	606556	0.86	cps
Thorium	232-1	283	211	267	254	14.91	cps
Tin	118-1	242620	242240	240859	241906	0.38	cps
Titanium	47-1	340067	342458	342177	341567	0.38	cps
Uranium	238-1	934376	949239	942220	941945	0.79	cps
Vanadium	51-2	127734	130504	130834	129691	1.31	cps
Yttrium	89-1	3590252	3671701	3693188	3651714	1.49	cps
Yttrium	89-2	598136	609622	603089	603616	0.95	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	K3556-05ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-44-OB-062619ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-05 19:57:10	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38594	40125	39380	39366	1.94	cps
Zirconium	90-1	592107	602369	600843	598440	0.93	cps
Zirconium	91-1	133677	136604	135512	135264	1.09	cps

LB Number : LB103824 Operator : Jaswal
 Lab Sample ID : CCV72 Instrumnet Name : P7
 Client Sample ID : CCV72 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-05 20:05:19 DataFile Name : 100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2934085	2913457	2946240	2931261	0.57	cps
Antimony	121-1	1238207	1237602	1225306	1233705	0.59	cps
Arsenic	75-2	60903	60529	62536	61322	1.74	cps
Barium	135-1	1650267	1643783	1645960	1646670	0.20	cps
Barium	137-1	2881948	2907509	2891890	2893783	0.45	cps
Beryllium	9-1	545052	547513	548091	546886	0.30	cps
Bismuth	209-1	1724299	1728714	1737866	1730293	0.40	cps
Bismuth	209-2	1052648	1030676	1049392	1044239	1.14	cps
Boron	10-1	86296	85735	88692	86908	1.81	cps
Boron	11-1	387289	393003	401636	393976	1.83	cps
Cadmium	111-1	344179	344086	340023	342762	0.69	cps
Cadmium	106-1	40016	40267	39038	39773	1.63	cps
Cadmium	108-1	26867	27131	27423	27140	1.02	cps
Calcium	43-1	3485427	3439119	3464201	3462916	0.67	cps
Calcium	44-1	55401732	55484720	55223226	55369893	0.24	cps
Chromium	52-2	685474	688868	693772	689372	0.61	cps
Cobalt	59-2	883472	895589	903801	894287	1.14	cps
Copper	63-2	1072827	1077321	1084692	1078280	0.56	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	47	50	53	50	6.66	cps
Erbium	164-1	33	0	25	19	89.21	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	57	70	80	69	16.99	cps
Holmium	165-1	3376918	3408672	3383038	3389542	0.50	cps
Holmium	165-2	1838521	1811152	1832812	1827495	0.79	cps
Indium	115-1	2474991	2470236	2470486	2471904	0.11	cps
Indium	115-2	595437	593776	606217	598477	1.13	cps
Iron	56-2	137132636	136928425	138428914	137496659	0.59	cps
Iron	57-2	3167135	3147615	3174021	3162924	0.43	cps
Krypton	83-1	173	117	143	144	19.63	cps
Lead	206-1	885738	876354	882757	881616	0.54	cps
Lead	207-1	800481	791975	791158	794538	0.65	cps
Lead	208-1	3597713	3568985	3568428	3578375	0.47	cps
Lithium	6-1	1553607	1544009	1566264	1554626	0.72	cps
Magnesium	24-2	31595376	31210732	31448907	31418338	0.62	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:05:19	DataFile Name :	100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	776444	779512	791902	782619	1.05	cps
Molybdenum	94-1	3770658	3749861	3780805	3767108	0.42	cps
Molybdenum	95-1	4913477	4870498	4918395	4900790	0.54	cps
Molybdenum	96-1	5340456	5328404	5397789	5355550	0.69	cps
Molybdenum	97-1	2964982	2960230	2988326	2971179	0.51	cps
Molybdenum	98-1	7775045	7733334	7734284	7747554	0.31	cps
Neodymium	150-1	120	133	127	127	5.27	cps
Neodymium	150-2	47	50	50	49	3.93	cps
Nickel	60-2	267128	268803	270660	268864	0.66	cps
Phosphorus	31-2	30566	30440	30916	30641	0.80	cps
Potassium	39-2	15036606	15003001	15033910	15024506	0.12	cps
Rhodium	103-1	2426275	2412701	2431988	2423655	0.41	cps
Rhodium	103-2	1294740	1297222	1313548	1301837	0.78	cps
Scandium	45-1	2866445	2845337	2868661	2860148	0.45	cps
Scandium	45-2	154134	152859	155217	154070	0.77	cps
Selenium	77-2	1737	1577	1610	1641	5.14	cps
Selenium	78-2	5607	5607	5785	5666	1.81	cps
Selenium	82-1	28589	29274	28850	28904	1.20	cps
Silicon	28-1	2086721	2230470	2288258	2201816	4.71	cps
Silver	109-1	1516868	1512317	1498487	1509224	0.63	cps
Silver	107-1	1579277	1571752	1581322	1577451	0.32	cps
Sodium	23-2	63219524	61854431	62764647	62612867	1.11	cps
Strontium	86-1	519348	516563	520276	518729	0.37	cps
Strontium	88-1	4445451	4411963	4441082	4432832	0.41	cps
Sulfur	34-1	434203	434139	431327	433223	0.38	cps
Terbium	159-1	3605772	3555502	3605139	3588804	0.80	cps
Terbium	159-2	1874053	1851859	1871889	1865934	0.66	cps
Thallium	203-1	1087572	1081028	1070054	1079551	0.82	cps
Thallium	205-1	2636212	2658283	2631574	2642023	0.54	cps
Thorium	232-1	4431405	4459738	4435030	4442058	0.35	cps
Tin	118-1	1027735	1025510	1017191	1023479	0.54	cps
Titanium	47-1	1802115	1815984	1796556	1804885	0.55	cps
Uranium	238-1	4286637	4299493	4279938	4288689	0.23	cps
Vanadium	51-2	598271	598321	604231	600274	0.57	cps
Yttrium	89-1	3422552	3413146	3457645	3431115	0.68	cps
Yttrium	89-2	597270	597160	610421	601617	1.27	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:05:19	DataFile Name :	100CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	165303	166945	167700	166649	0.74	cps
Zirconium	90-1	2870020	2853753	2881495	2868423	0.49	cps
Zirconium	91-1	631214	633863	632778	632619	0.21	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	142	100	144	31.78	cps
Antimony	121-1	958	900	708	856	15.29	cps
Arsenic	75-2	7	7	11	9	24.71	cps
Barium	135-1	100	158	67	108	42.83	cps
Barium	137-1	175	133	208	172	21.82	cps
Beryllium	9-1	160	147	153	153	4.35	cps
Bismuth	209-1	1367751	1356738	1352765	1359084	0.57	cps
Bismuth	209-2	931140	874333	843336	882936	5.04	cps
Boron	10-1	5284	5518	5293	5365	2.47	cps
Boron	11-1	25330	24645	22843	24273	5.29	cps
Cadmium	111-1	561	604	645	603	6.94	cps
Cadmium	106-1	742	792	883	806	8.92	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	367	267	242	292	22.68	cps
Calcium	44-1	13865	12923	12239	13009	6.28	cps
Chromium	52-2	457	507	517	493	6.52	cps
Cobalt	59-2	67	23	60	50	46.67	cps
Copper	63-2	460	353	377	397	14.14	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	47	50	30	42	25.38	cps
Holmium	165-1	2464754	2452397	2465420	2460857	0.30	cps
Holmium	165-2	1559616	1459842	1413263	1477574	5.06	cps
Indium	115-1	1913519	1930791	1938076	1927462	0.65	cps
Indium	115-2	518685	489734	470587	493002	4.91	cps
Iron	56-2	7941	7608	7585	7711	2.58	cps
Iron	57-2	322	339	339	333	2.89	cps
Krypton	83-1	157	110	147	138	17.83	cps
Lead	206-1	700	611	544	619	12.62	cps
Lead	207-1	606	556	594	585	4.49	cps
Lead	208-1	2861	2450	2534	2615	8.31	cps
Lithium	6-1	1124728	1117005	1122577	1121436	0.36	cps
Magnesium	24-2	1367	1308	1167	1281	8.03	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	63	33	47	32.74	cps
Molybdenum	94-1	783	583	642	669	15.36	cps
Molybdenum	95-1	1042	725	933	900	17.88	cps
Molybdenum	96-1	1200	1410	892	1167	22.33	cps
Molybdenum	97-1	667	550	500	572	14.95	cps
Molybdenum	98-1	1442	1608	1217	1422	13.82	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45	44	58	49	16.22	cps
Phosphorus	31-2	33	75	92	67	45.07	cps
Potassium	39-2	19797	20223	19080	19700	2.93	cps
Rhodium	103-1	1950448	1952507	1957039	1953331	0.17	cps
Rhodium	103-2	1157762	1090140	1048040	1098647	5.04	cps
Scandium	45-1	2091223	2136421	2118171	2115272	1.07	cps
Scandium	45-2	127224	118808	115110	120381	5.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	44	43	46	8.44	cps
Selenium	82-1	-12	69	-5	17	258.44	cps
Silicon	28-1	132238	125783	122338	126786	3.96	cps
Silver	109-1	475	300	300	358	28.20	cps
Silver	107-1	575	458	342	458	25.45	cps
Sodium	23-2	26282	26708	24688	25892	4.11	cps
Strontium	86-1	283	308	192	261	23.52	cps
Strontium	88-1	325	217	233	258	22.58	cps
Sulfur	34-1	201529	203013	198209	200917	1.22	cps
Terbium	159-1	2606504	2627885	2628961	2621117	0.48	cps
Terbium	159-2	1601560	1501100	1448159	1516940	5.14	cps
Thallium	203-1	442	358	317	372	17.10	cps
Thallium	205-1	1067	825	767	886	17.95	cps
Thorium	232-1	611	578	478	556	12.49	cps
Tin	118-1	342	358	350	350	2.38	cps
Titanium	47-1	217	250	167	211	19.87	cps
Uranium	238-1	275	200	225	233	16.37	cps
Vanadium	51-2	27	17	13	19	36.75	cps
Yttrium	89-1	2557984	2543628	2558254	2553289	0.33	cps
Yttrium	89-2	501548	470671	453248	475156	5.15	cps

LB Number :	LB103824	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-05 20:09:01	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103	90	97	97	6.90	cps
Zirconium	90-1	567	467	350	461	23.52	cps
Zirconium	91-1	133	108	83	108	23.08	cps