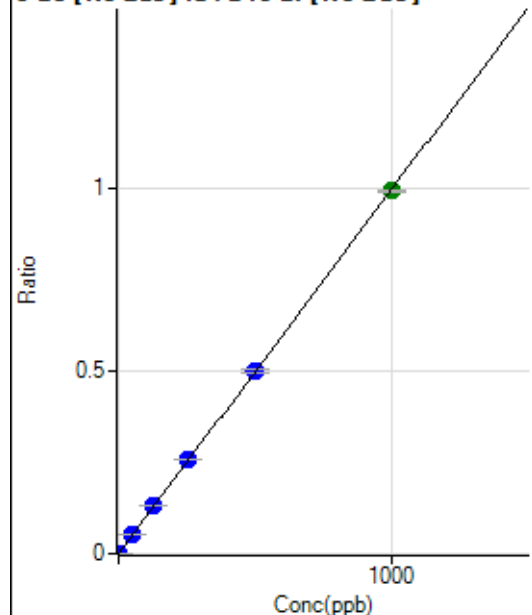


Batch Folder: D:\P8100118-MS.b\
Analysis File: P8100118-MS.batch.bin
DA Date-Time: 2018-10-01 13:57:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-01 10:13:16
2			
3	005CALS.d	S02	2018-10-01 10:20:44
4	006CALS.d	S03	2018-10-01 10:24:29
5	007CALS.d	S04	2018-10-01 10:28:13
6	008CALS.d	S05	2018-10-01 10:31:49
7	009CALS.d	S06	2018-10-01 10:35:21
8	010CALS.d	S07	2018-10-01 10:38:48
9	011CALS.d	S08	2018-10-01 10:42:12

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.38	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.989	1489.01	0.0011	P	4.8
4	☐	50.000	51.708	69037.48	0.0516	P	1.3
5	☐	125.000	130.157	173082.43	0.1298	P	0.8
6	☐	250.000	257.524	339248.38	0.2567	P	0.5
7	☐	500.000	501.918	648488.56	0.5002	P	2.2
8	☐	1000.000	996.430	1265301.55	0.9928	A	0.7
9	☐			801.90	0.0006	P	9.9

$$y = 9.9624\text{E-}004 * x + 1.3063\text{E-}004$$

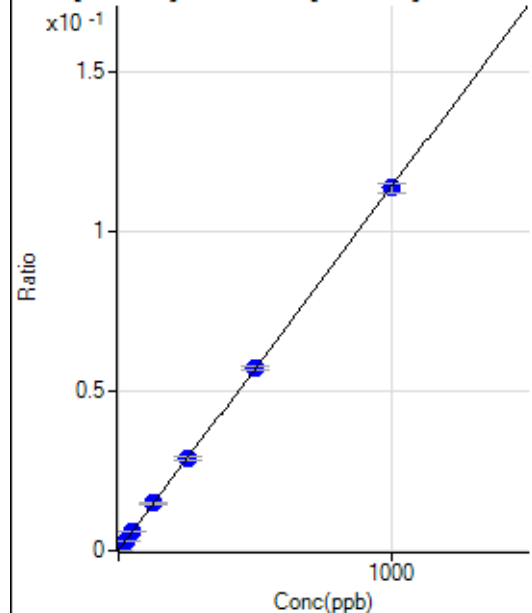
$$R = 1.0000$$

$$DL = 0.02965$$

$$BEC = 0.1311$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	191.68	0.0001	P	22.2
2	☐	2.500					
3	☐	25.000	24.879	3975.74	0.0030	P	0.6
4	☐	50.000	50.898	7938.63	0.0059	P	3.2
5	☐	125.000	129.386	19822.68	0.0149	P	3.3
6	☐	250.000	253.962	38377.30	0.0290	P	3.5
7	☐	500.000	502.871	74373.61	0.0574	P	2.5
8	☐	1000.000	996.984	144738.50	0.1136	P	2.7
9	☐			6979.79	0.0056	P	12.6

$$y = 1.1377\text{E-}004 * x + 1.4683\text{E-}004$$

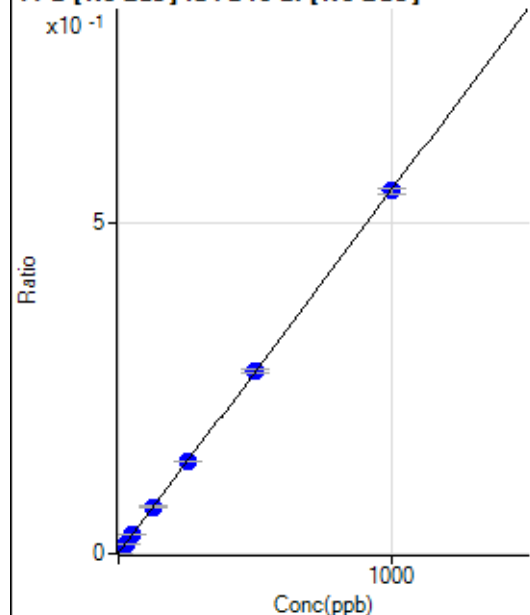
$$R = 1.0000$$

$$DL = 0.859$$

$$BEC = 1.291$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	683.38	0.0005	P	2.8
2	☐	2.500					
3	☐	25.000	24.300	18470.83	0.0138	P	2.4
4	☐	50.000	50.935	38006.70	0.0284	P	1.6
5	☐	125.000	127.178	93609.47	0.0702	P	2.6
6	☐	250.000	252.585	183590.40	0.1389	P	1.3
7	☐	500.000	502.829	357912.89	0.2760	P	1.6
8	☐	1000.000	997.638	697268.29	0.5471	P	1.4
9	☐			32916.71	0.0265	P	10.6

$$y = 5.4788\text{E-}004 * x + 5.2374\text{E-}004$$

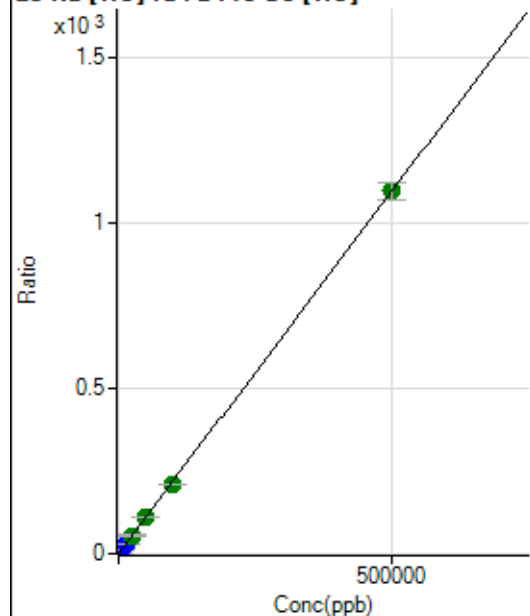
$$R = 1.0000$$

$$DL = 0.07989$$

$$BEC = 0.9559$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6688.02	0.1976	P	0.9
2	☐	50.000					
3	☐	500.000	477.978	41834.95	1.2420	P	1.2
4	☐	5000.000	4989.650	362373.72	11.1002	P	4.1
5	☐	12500.000	12330.541	896321.92	27.1403	P	0.8
6	☐	25000.000	25024.801	1737457.27	54.8779	A	2.9
7	☐	50000.000	49904.735	3242331.78	109.2416	A	3.0
8	☐	100000.00	95204.643	6053947.70	208.2239	A	1.3
9	☐	500000.00	500971.72	33543489.99	1,094.842	A	4.6

$$y = 0.0022 * x + 0.1976$$

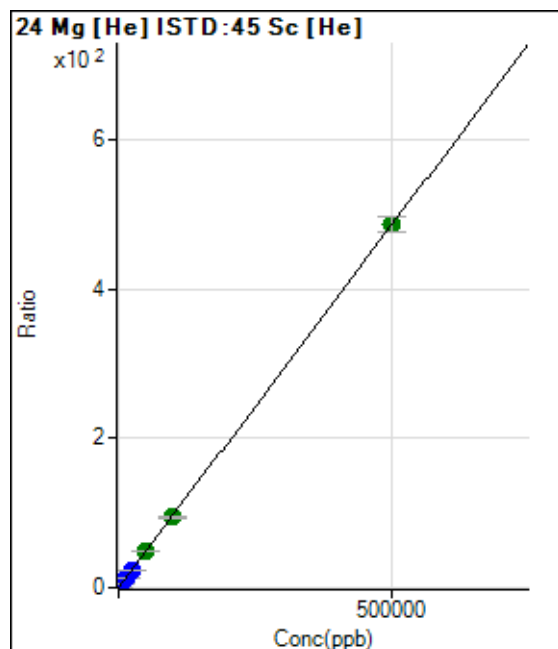
$$R = 0.9999$$

$$DL = 2.464$$

$$BEC = 90.41$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	255.57	0.0075	P	10.1
2	☐	50.000					
3	☐	500.000	477.323	15884.44	0.4715	P	1.8
4	☐	5000.000	5120.376	162751.87	4.9849	P	3.8
5	☐	12500.000	12476.225	400784.85	12.1353	P	0.2
6	☐	25000.000	24776.458	762794.82	24.0919	P	2.7
7	☐	50000.000	50587.941	1459732.93	49.1824	A	3.1
8	☐	100000.00	97232.058	2748206.81	94.5235	A	1.2
9	☐	500000.00	500505.38	14907449.47	486.5317	A	4.4

$$y = 9.7207\text{E-}004 * x + 0.0075$$

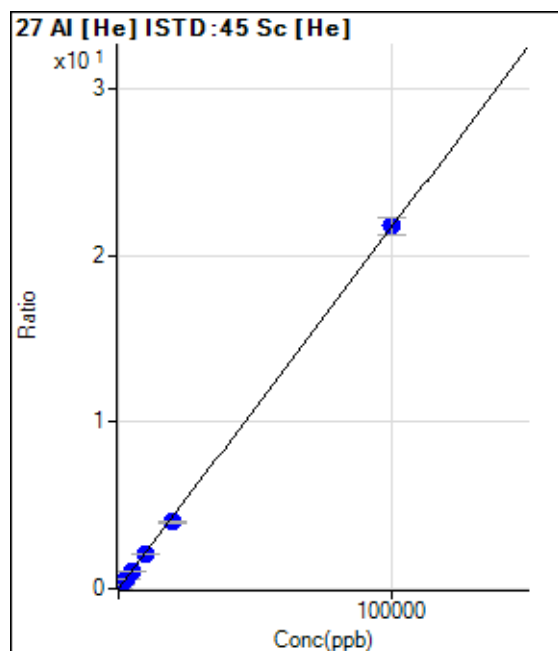
$$R = 1.0000$$

$$DL = 2.344$$

$$BEC = 7.764$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.84	0.0006	P	31.8
2	☐	2.000					
3	☐	20.000	17.598	149.20	0.0044	P	24.9
4	☐	1000.000	979.243	6956.02	0.2131	P	5.5
5	☐	2500.000	2428.661	17426.81	0.5277	P	1.8
6	☐	5000.000	4773.349	32825.93	1.0366	P	2.2
7	☐	10000.000	9533.711	61433.56	2.0698	P	2.8
8	☐	20000.000	18411.719	116197.15	3.9966	P	1.4
9	☐	100000.00	100377.60	667493.37	21.7862	P	4.6

$$y = 2.1704\text{E-}004 * x + 6.1794\text{E-}004$$

$$R = 0.9999$$

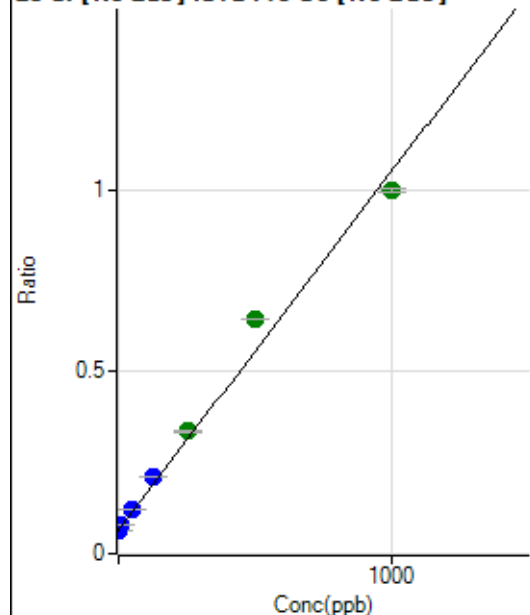
$$DL = 2.714$$

$$BEC = 2.847$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	258902.49	0.0648	P	2.5
2	☐	1.000					
3	☐	10.000	13.372	316776.92	0.0780	P	2.4
4	☐	50.000	56.245	489150.31	0.1202	P	0.6
5	☐	125.000	148.257	854790.71	0.2109	P	1.4
6	☐	250.000	275.121	1362647.46	0.3359	A	1.5
7	☐	500.000	588.961	2517355.29	0.6451	A	0.6
8	☐	1000.000	945.986	3807669.36	0.9969	A	1.1
9	☐			527572.71	0.1376	P	1.5

$$y = 9.8530E-004 * x + 0.0648$$

$$R = 0.9934$$

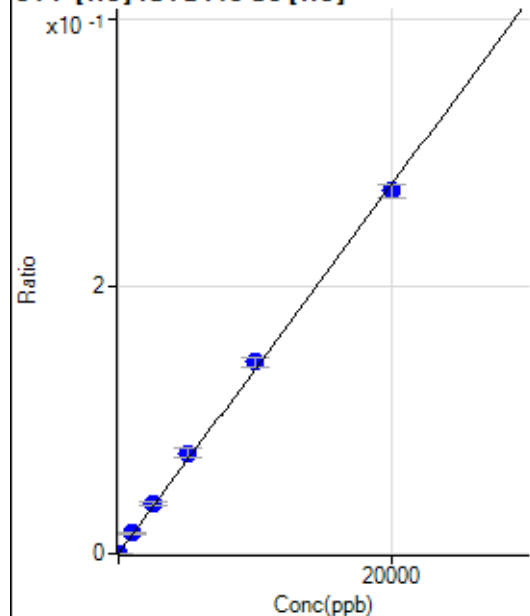
$$DL = 4.862$$

$$BEC = 65.77$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-2.993	2.78	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	2.993	5.55	0.0002	P	86.6
4	☐	1000.000	1116.250	505.59	0.0155	P	7.8
5	☐	2500.000	2703.517	1233.44	0.0374	P	7.0
6	☐	5000.000	5442.008	2375.32	0.0751	P	8.7
7	☐	10000.000	10383.635	4248.07	0.1432	P	5.1
8	☐	20000.000	19666.428	7880.28	0.2710	P	4.0
9	☐			11.11	0.0004	P	86.8

$$y = 1.3775E-005 * x + 1.2433E-004$$

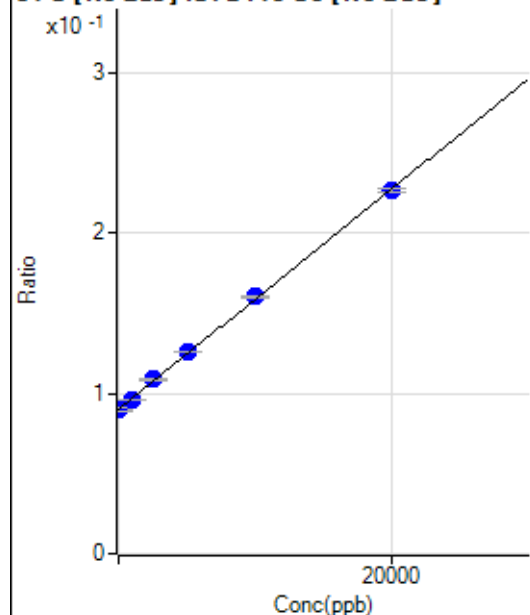
$$R = 0.9994$$

$$DL = 31.29$$

$$BEC = 9.026$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	67.327	362523.08	0.0907	P	1.7
2	☐	0.000					
3	☐	0.000	-67.327	364830.86	0.0898	P	2.6
4	☐	1000.000	896.551	392368.21	0.0964	P	0.4
5	☐	2500.000	2719.487	441685.36	0.1090	P	1.4
6	☐	5000.000	5215.875	511694.75	0.1261	P	0.5
7	☐	10000.000	10206.599	626030.63	0.1604	P	0.4
8	☐	20000.000	19820.468	865156.47	0.2265	P	1.2
9	☐			336007.99	0.0877	P	1.4

$$y = 6.8733\text{E-}006 * x + 0.0903$$

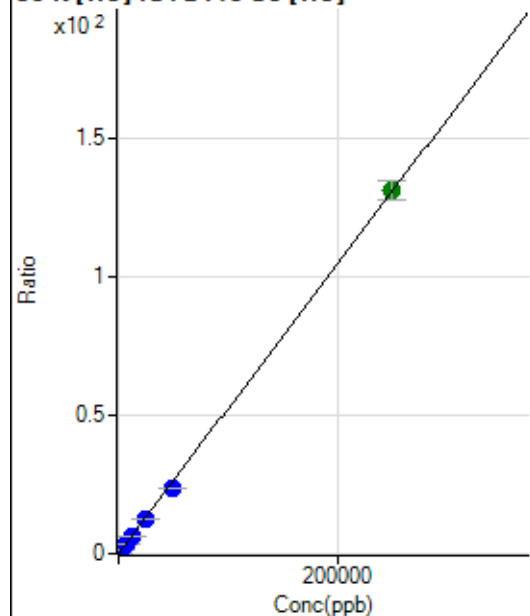
$$R = 0.9997$$

$$DL = 838.4$$

$$BEC = 1.313\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2700.38	0.0797	P	4.0
2	☐	50.000					
3	☐	500.000	476.669	11063.19	0.3284	P	3.5
4	☐	2500.000	2481.180	44877.86	1.3744	P	3.3
5	☐	6250.000	6107.767	107892.13	3.2667	P	1.1
6	☐	12500.000	12089.133	202245.96	6.3877	P	2.7
7	☐	25000.000	23769.932	370484.94	12.4826	P	3.1
8	☐	50000.000	45261.046	688944.66	23.6965	P	1.5
9	☐	250000.00	251095.13	4015739.37	131.0985	A	5.3

$$y = 5.2179\text{E-}004 * x + 0.0797$$

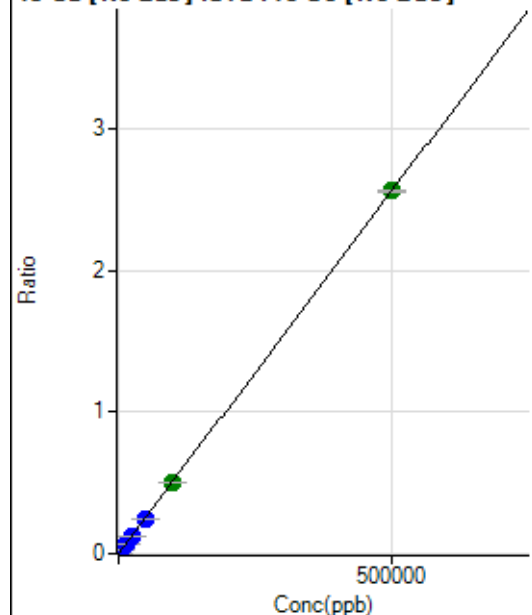
$$R = 0.9998$$

$$DL = 18.11$$

$$BEC = 152.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	575.04	0.0001	P	10.4
2	☐	50.000					
3	☐	500.000	460.132	10140.16	0.0025	P	3.9
4	☐	5000.000	4852.395	101521.42	0.0250	P	1.2
5	☐	12500.000	12254.158	254524.20	0.0628	P	1.9
6	☐	25000.000	24236.327	503297.84	0.1241	P	0.7
7	☐	50000.000	48122.519	960652.70	0.2462	P	0.3
8	☐	100000.00	97861.071	1911677.32	0.5005	A	0.6
9	☐	500000.00	500661.38	9814222.62	2.5599	A	0.6

$$y = 5.1127\text{E-}006 * x + 1.4404\text{E-}004$$

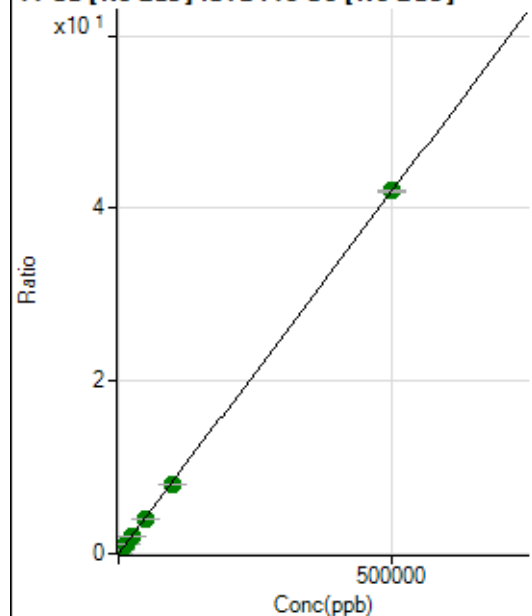
$$R = 1.0000$$

$$DL = 8.821$$

$$BEC = 28.17$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15662.17	0.0039	P	3.3
2	☐	50.000					
3	☐	500.000	462.955	173518.43	0.0427	P	2.0
4	☐	5000.000	4949.923	1703481.63	0.4187	A	1.3
5	☐	12500.000	12281.494	4187361.51	1.0331	A	1.3
6	☐	25000.000	24081.515	8202973.36	2.0218	A	0.6
7	☐	50000.000	47937.369	15690172.40	4.0209	A	0.3
8	☐	100000.00	95176.056	30477817.35	7.9792	A	0.7
9	☐	500000.00	501222.97	161032204.9	42.0041	A	0.7

$$y = 8.3795\text{E-}005 * x + 0.0039$$

$$R = 0.9999$$

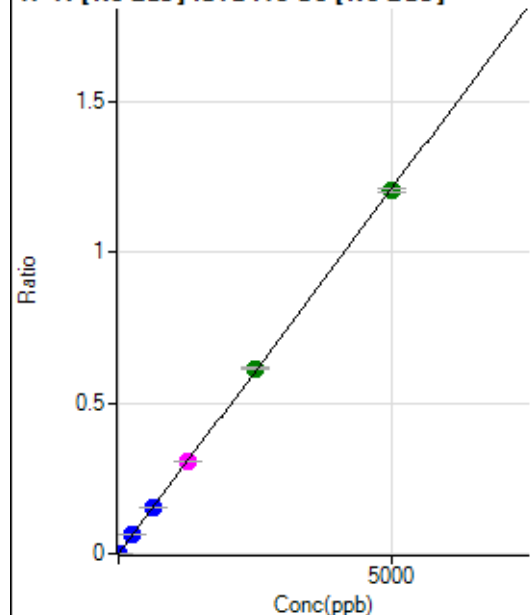
$$DL = 4.643$$

$$BEC = 46.79$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.895	4926.10	0.0012	P	5.2
4	☐	250.000	255.201	251232.89	0.0617	P	1.0
5	☐	625.000	639.771	627309.50	0.1548	P	0.9
6	☐	1250.000	1267.491	1243739.79	0.3066	M	0.8
7	☐	2500.000	2541.464	2398610.17	0.6147	A	0.6
8	☐	5000.000	4972.789	4593726.62	1.2027	A	1.1
9	☐			1052.87	0.0003	P	11.1

$$y = 2.4185E-004 * x + 2.9212E-005$$

$$R = 0.9999$$

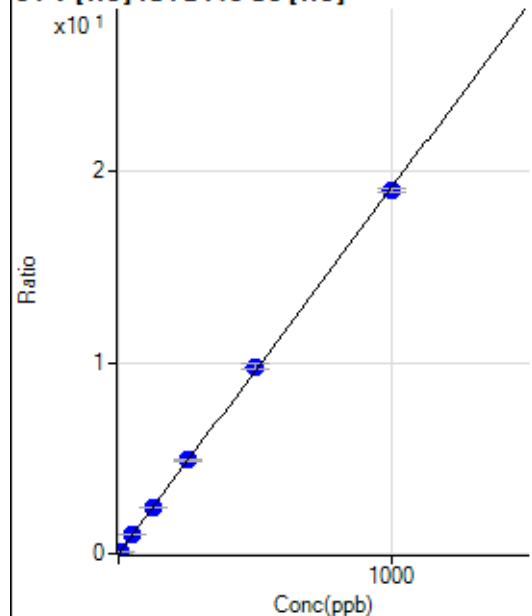
$$DL = 0.07805$$

$$BEC = 0.1208$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26.67	0.0008	P	38.1
2	☐	0.500					
3	☐	5.000	4.810	3130.41	0.0929	P	2.5
4	☐	50.000	51.977	32524.57	0.9963	P	4.3
5	☐	125.000	128.235	81140.89	2.4570	P	0.8
6	☐	250.000	255.874	155183.73	4.9017	P	3.2
7	☐	500.000	512.231	291228.66	9.8119	P	2.9
8	☐	1000.000	991.914	552400.53	18.9996	P	1.2
9	☐			343.35	0.0112	P	17.3

$$y = 0.0192 * x + 7.8806E-004$$

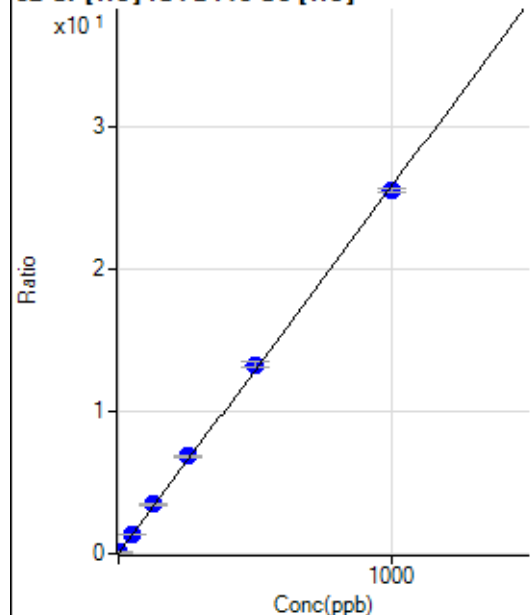
$$R = 0.9999$$

$$DL = 0.04698$$

$$BEC = 0.04114$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	511.13	0.0151	P	14.9
2	☐	0.200					
3	☐	2.000	2.098	2334.68	0.0693	P	6.0
4	☐	50.000	51.791	44152.94	1.3524	P	3.8
5	☐	125.000	133.637	114449.71	3.4657	P	2.1
6	☐	250.000	265.124	217224.40	6.8608	P	2.7
7	☐	500.000	513.976	394348.69	13.2863	P	2.9
8	☐	1000.000	988.062	742208.54	25.5276	P	1.1
9	☐			37744.34	1.2317	P	4.0

$$y = 0.0258 * x + 0.0151$$

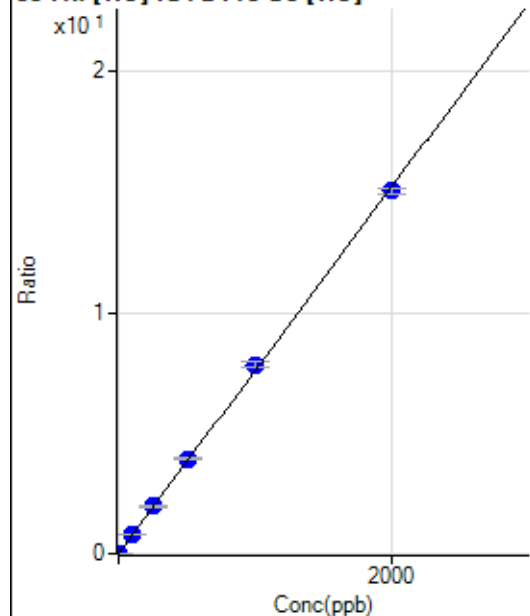
$$R = 0.9997$$

$$DL = 0.2613$$

$$BEC = 0.5851$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	118.89	0.0035	P	17.3
2	☐	0.100					
3	☐	1.000	0.935	357.79	0.0106	P	12.7
4	☐	100.000	105.099	26203.68	0.8025	P	3.3
5	☐	250.000	257.801	64839.58	1.9634	P	1.2
6	☐	500.000	515.331	124158.58	3.9212	P	2.4
7	☐	1000.000	1030.912	232734.53	7.8408	P	2.6
8	☐	2000.000	1979.481	437628.47	15.0522	P	1.3
9	☐			3031.50	0.0990	P	5.3

$$y = 0.0076 * x + 0.0035$$

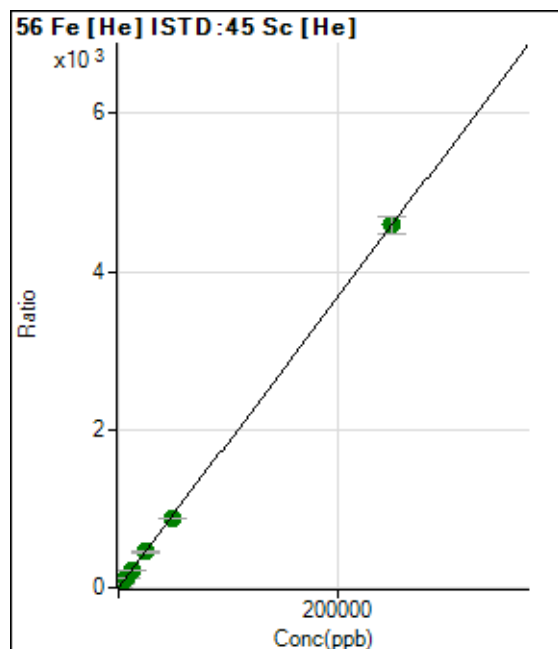
$$R = 0.9998$$

$$DL = 0.2399$$

$$BEC = 0.463$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1374.19	0.0406	P	3.1
2	☐	5.000					
3	☐	50.000	48.074	31049.91	0.9220	P	3.0
4	☐	2500.000	2556.912	1531524.14	46.9187	A	4.6
5	☐	6250.000	6247.359	3784039.98	114.5789	A	0.5
6	☐	12500.000	12404.867	7202497.67	227.4699	A	2.3
7	☐	25000.000	24820.065	13506685.37	455.0887	A	3.3
8	☐	50000.000	47962.973	25568070.48	879.3880	A	1.0
9	☐	250000.00	250429.65	140678974.4	4,591.388	A	4.5

$$y = 0.0183 * x + 0.0406$$

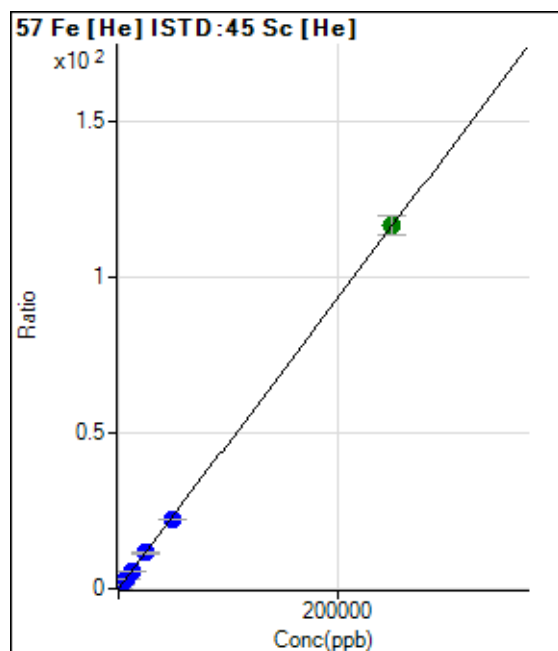
$$R = 1.0000$$

$$DL = 0.2069$$

$$BEC = 2.214$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	48.15	0.0014	P	30.7
2	☐	5.000					
3	☐	50.000	50.289	835.24	0.0248	P	4.8
4	☐	2500.000	2500.723	37974.50	1.1635	P	5.0
5	☐	6250.000	6142.723	94315.69	2.8559	P	0.9
6	☐	12500.000	12249.001	180259.14	5.6934	P	2.9
7	☐	25000.000	24566.987	338881.74	11.4175	P	3.0
8	☐	50000.000	47610.072	643299.79	22.1254	P	0.8
9	☐	250000.00	250536.51	3566278.41	116.4237	A	5.3

$$y = 4.6469E-004 * x + 0.0014$$

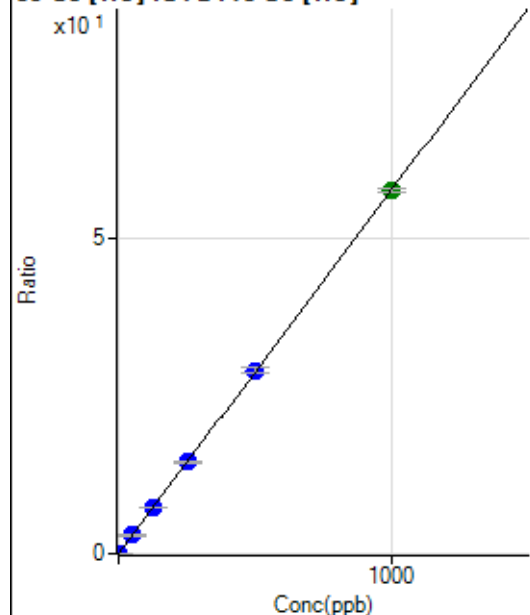
$$R = 0.9999$$

$$DL = 2.83$$

$$BEC = 3.073$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	156.67	0.0046	P	16.7
2	☐	0.100					
3	☐	1.000	0.983	2065.75	0.0613	P	4.7
4	☐	50.000	50.807	95816.48	2.9347	P	3.5
5	☐	125.000	125.468	239109.13	7.2404	P	1.0
6	☐	250.000	251.244	458920.43	14.4939	P	2.5
7	☐	500.000	503.545	862065.94	29.0441	P	2.8
8	☐	1000.000	997.818	1673198.64	57.5488	A	1.2
9	☐			22444.93	0.7324	P	3.8

$$y = 0.0577 * x + 0.0046$$

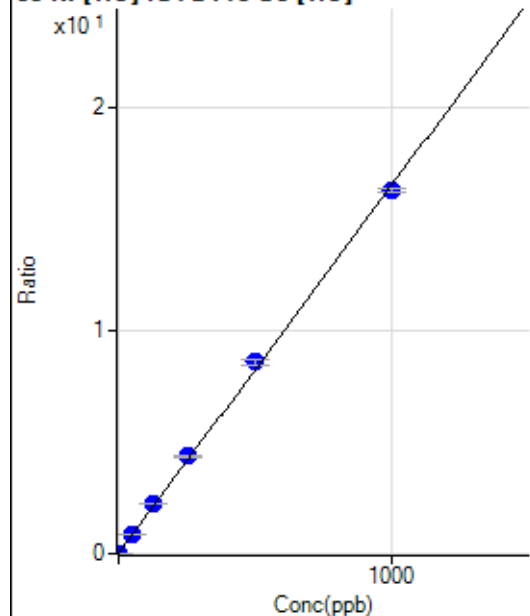
$$R = 1.0000$$

$$DL = 0.0402$$

$$BEC = 0.08042$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	334.45	0.0099	P	2.5
2	☐	0.100					
3	☐	1.000	0.973	874.49	0.0260	P	2.5
4	☐	50.000	52.559	28673.08	0.8782	P	3.6
5	☐	125.000	132.895	72835.83	2.2053	P	0.3
6	☐	250.000	264.019	138405.99	4.3715	P	2.9
7	☐	500.000	519.993	255258.17	8.6002	P	3.0
8	☐	1000.000	985.384	473581.33	16.2885	P	1.0
9	☐			19175.62	0.6260	P	5.1

$$y = 0.0165 * x + 0.0099$$

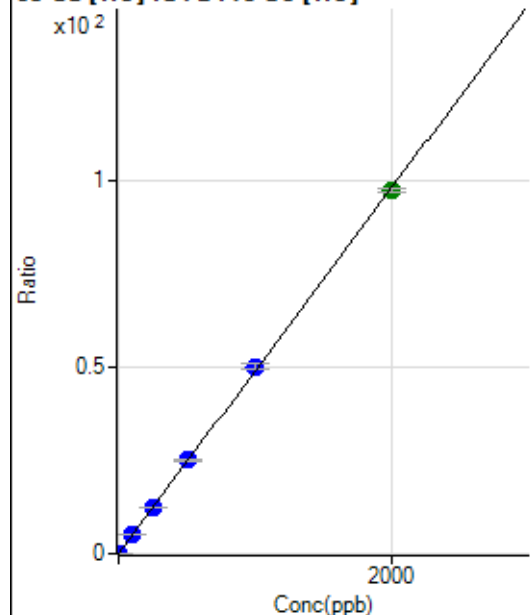
$$R = 0.9996$$

$$DL = 0.04503$$

$$BEC = 0.5982$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	522.24	0.0154	P	9.6
2	☐	0.200					
3	☐	2.000	1.966	3768.36	0.1119	P	1.3
4	☐	100.000	105.007	168670.84	5.1663	P	3.7
5	☐	250.000	254.833	413334.18	12.5156	P	0.6
6	☐	500.000	510.871	793961.56	25.0750	P	2.4
7	☐	1000.000	1024.650	1492292.20	50.2771	P	2.8
8	☐	2000.000	1984.103	2830142.91	97.3407	A	1.1
9	☐			6842.90	0.2234	P	7.0

$$y = 0.0491 * x + 0.0154$$

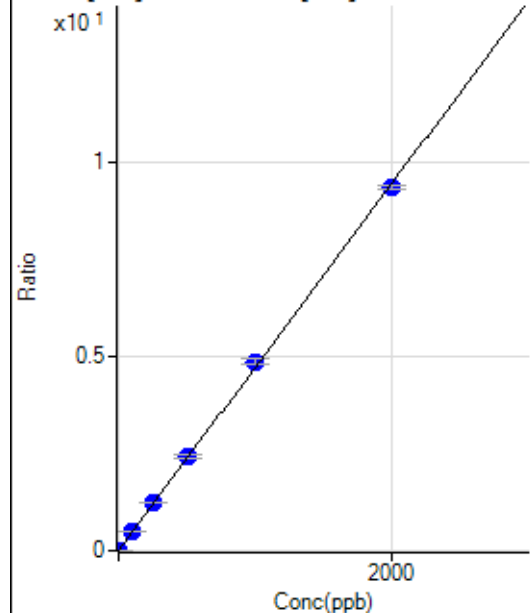
$$R = 0.9999$$

$$DL = 0.09068$$

$$BEC = 0.3147$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	135.56	0.0040	P	14.1
2	☐	0.200					
3	☐	2.000	2.122	473.35	0.0140	P	7.1
4	☐	100.000	103.923	16171.83	0.4954	P	4.0
5	☐	250.000	258.202	40447.89	1.2248	P	1.5
6	☐	500.000	514.009	77072.56	2.4343	P	2.8
7	☐	1000.000	1031.808	144913.98	4.8825	P	3.1
8	☐	2000.000	1979.372	272213.45	9.3627	P	1.1
9	☐			1939.06	0.0633	P	3.0

$$y = 0.0047 * x + 0.0040$$

$$R = 0.9998$$

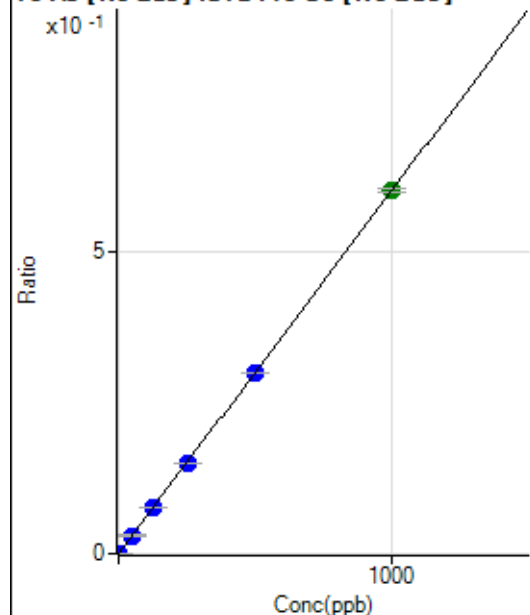
$$DL = 0.3597$$

$$BEC = 0.8484$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.12	0.0001	P	24.0
2	☐	0.100					
3	☐	1.000	0.924	2475.36	0.0006	P	4.5
4	☐	50.000	50.070	122873.16	0.0302	P	0.8
5	☐	125.000	125.740	307104.57	0.0758	P	0.8
6	☐	250.000	248.620	607526.23	0.1497	P	0.7
7	☐	500.000	500.336	1175765.42	0.3013	P	0.2
8	☐	1000.000	1000.081	2300199.66	0.6022	A	1.1
9	☐			3867.39	0.0010	P	3.3

$$y = 6.0211\text{E-}004 * x + 5.2840\text{E-}005$$

$$R = 1.0000$$

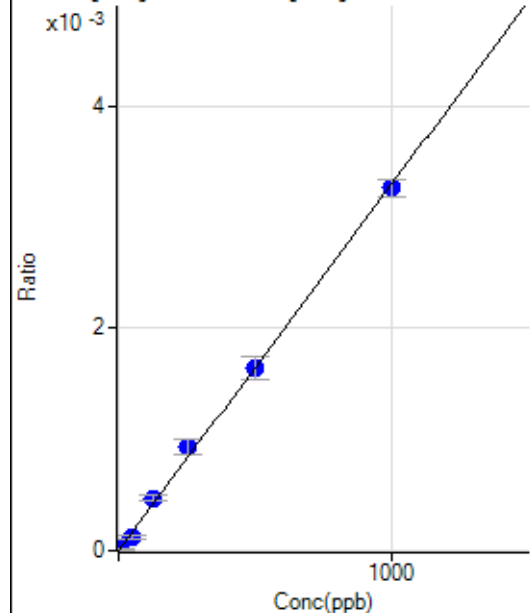
$$DL = 0.0631$$

$$BEC = 0.08776$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.165	3.33	0.0000	P	100.2
4	☐	50.000	35.687	27.78	0.0001	P	21.0
5	☐	125.000	143.495	113.34	0.0005	P	10.8
6	☐	250.000	283.115	216.67	0.0009	P	15.1
7	☐	500.000	499.269	362.23	0.0016	P	11.9
8	☐	1000.000	990.494	705.59	0.0033	P	5.1
9	☐			3.33	0.0000	P	99.2

$$y = 3.2977\text{E-}006 * x + 0.0000\text{E+}000$$

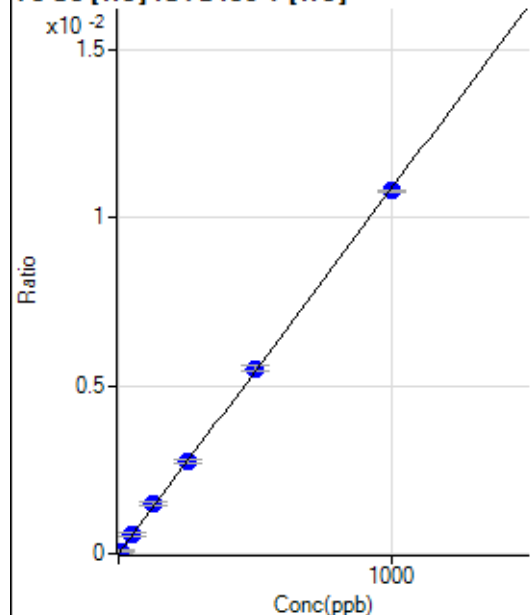
$$R = 0.9990$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	7.272	19.75	0.0001	P	51.8
4	☐	50.000	54.167	140.13	0.0006	P	18.3
5	☐	125.000	138.090	359.27	0.0015	P	9.1
6	☐	250.000	253.815	640.14	0.0028	P	4.1
7	☐	500.000	507.519	1213.65	0.0055	P	2.5
8	☐	1000.000	993.431	2329.85	0.0108	P	0.8
9	☐			0.62	0.0000	P	173.2

$$y = 1.0855\text{E-}005 * x + 2.5093\text{E-}006$$

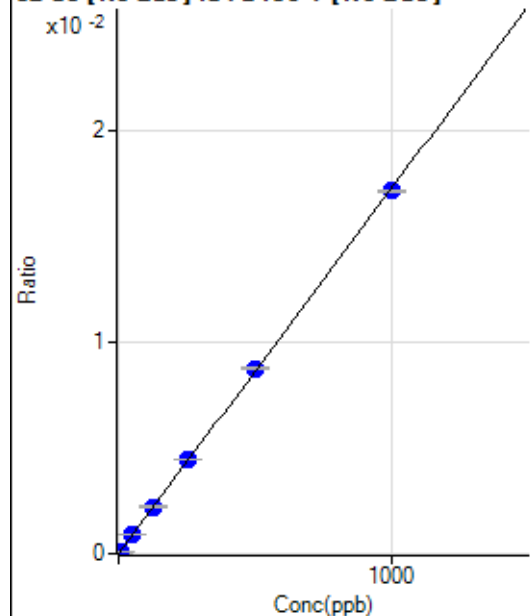
$$R = 0.9999$$

$$DL = 1.201$$

$$BEC = 0.2312$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-0.42	0.0000	P	-42260.
2	☐	0.500					
3	☐	5.000	4.966	622.25	0.0001	P	18.4
4	☐	50.000	51.540	6530.53	0.0009	P	0.8
5	☐	125.000	128.963	16447.67	0.0022	P	0.8
6	☐	250.000	259.215	32966.81	0.0045	P	0.9
7	☐	500.000	507.577	63579.68	0.0088	P	0.4
8	☐	1000.000	993.335	124396.13	0.0172	P	0.6
9	☐			89.30	0.0000	P	42.0

$$y = 1.7269\text{E-}005 * x - 2.1755\text{E-}008$$

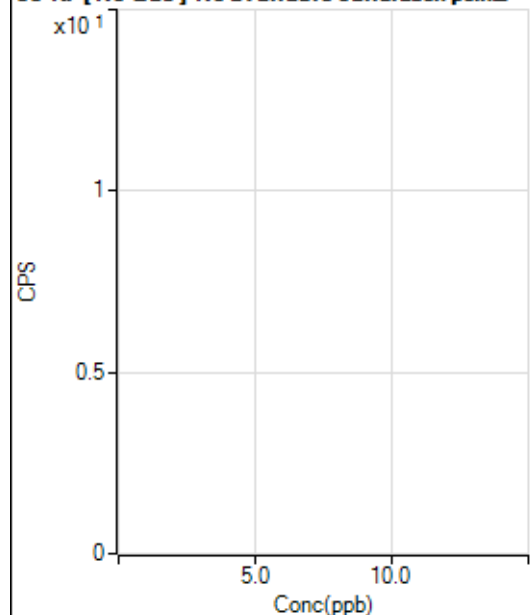
$$R = 0.9999$$

$$DL = 1.597$$

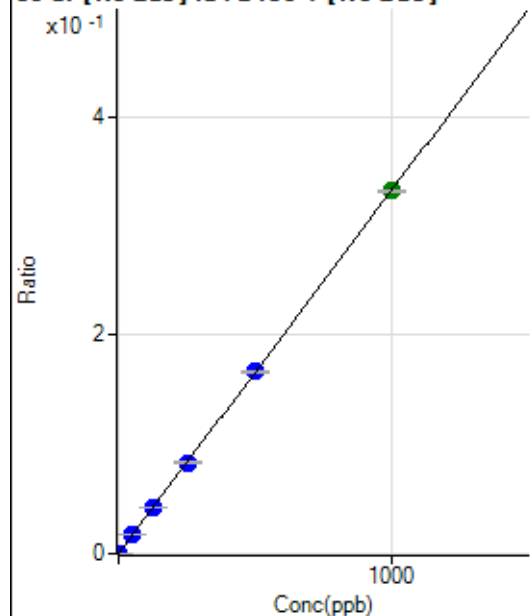
$$BEC = -0.00126$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			411.13		P	10.4
2	☐						
3	☐			400.01		P	1.7
4	☐			392.23		P	2.7
5	☐			446.68		P	13.6
6	☐			434.46		P	9.5
7	☐			368.90		P	9.6
8	☐			344.46		P	1.1
9	☐			411.12		P	13.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	744.50	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	0.988	3139.41	0.0004	P	5.3
4	☐	50.000	50.976	125147.37	0.0171	P	1.0
5	☐	125.000	126.705	311943.57	0.0422	P	2.0
6	☐	250.000	251.197	616030.69	0.0836	P	0.5
7	☐	500.000	500.361	1207797.76	0.1665	P	0.8
8	☐	1000.000	999.259	2410753.05	0.3324	A	0.8
9	☐			11366.34	0.0016	P	3.8

$$y = 3.3259\text{E-}004 * x + 1.0251\text{E-}004$$

$$R = 1.0000$$

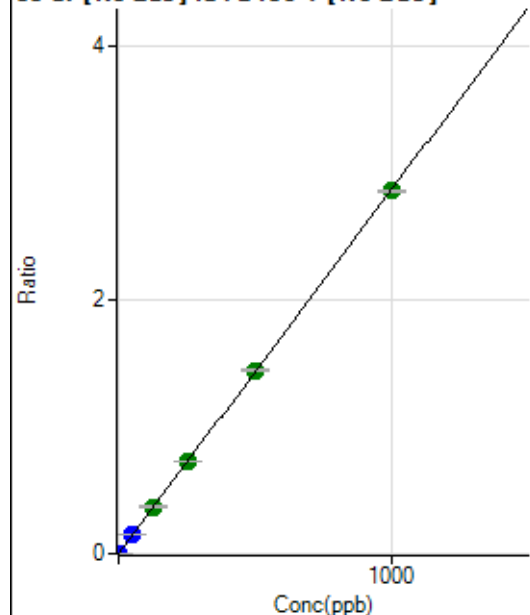
$$DL = 0.1086$$

$$BEC = 0.3082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	469.48	0.0001	P	11.2
2	☐	0.100					
3	☐	1.000	0.991	21192.30	0.0029	P	1.3
4	☐	50.000	51.340	1082185.94	0.1475	P	0.7
5	☐	125.000	129.304	2742708.53	0.3714	A	0.8
6	☐	250.000	254.858	5390259.11	0.7319	A	0.2
7	☐	500.000	503.150	10480092.33	1.4449	A	1.4
8	☐	1000.000	996.606	20753848.21	2.8619	A	0.4
9	☐			94526.77	0.0132	P	0.5

$$y = 0.0029 * x + 6.4697E-005$$

$$R = 1.0000$$

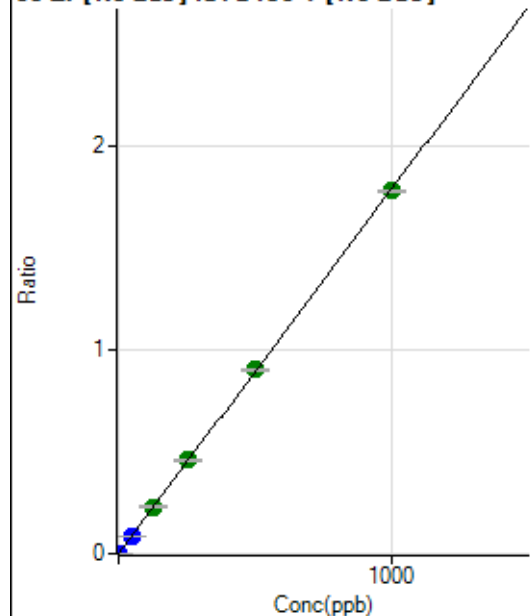
$$DL = 0.007564$$

$$BEC = 0.02253$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	605.60	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.925	12623.00	0.0017	P	0.3
4	☐	50.000	49.830	652835.81	0.0890	P	0.7
5	☐	125.000	129.237	1703300.52	0.2306	A	0.9
6	☐	250.000	256.123	3365499.55	0.4570	A	0.2
7	☐	500.000	504.756	6531680.09	0.9005	A	1.0
8	☐	1000.000	995.570	12879710.53	1.7761	A	0.8
9	☐			3092.16	0.0004	P	6.7

$$y = 0.0018 * x + 8.3409E-005$$

$$R = 1.0000$$

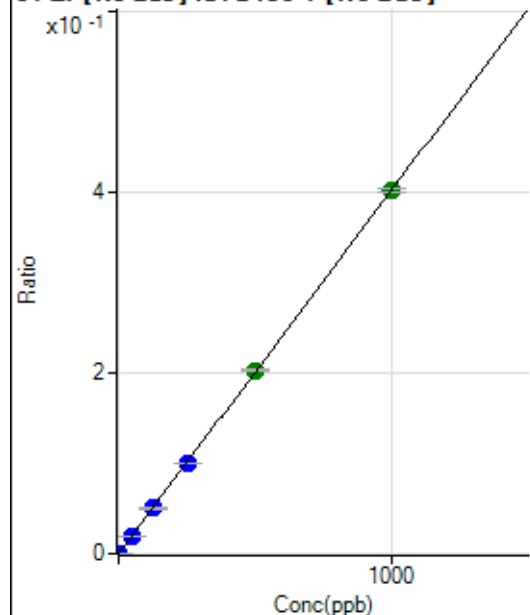
$$DL = 0.01279$$

$$BEC = 0.04676$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.79	0.0000	P	38.5
2	☐	0.100					
3	☐	1.000	0.884	2719.85	0.0004	P	1.0
4	☐	50.000	49.251	145522.96	0.0198	P	0.0
5	☐	125.000	125.002	371546.18	0.0503	P	1.1
6	☐	250.000	248.073	735184.42	0.0998	P	0.2
7	☐	500.000	504.298	1471799.47	0.2029	A	1.4
8	☐	1000.000	998.370	2912936.80	0.4017	A	0.9
9	☐			700.05	0.0001	P	15.9

$$y = 4.0234\text{E-}004 * x + 1.7617\text{E-}005$$

$$R = 1.0000$$

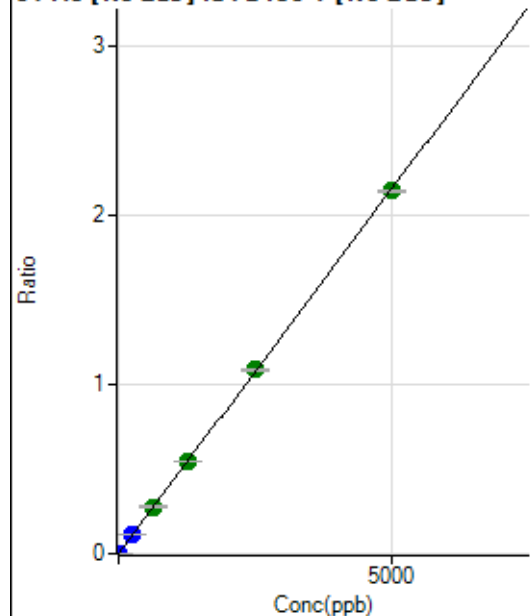
$$DL = 0.05057$$

$$BEC = 0.04379$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	358.36	0.0000	P	13.3
2	☐	0.500					
3	☐	5.000	4.765	15275.93	0.0021	P	2.2
4	☐	250.000	250.829	791678.95	0.1079	P	0.1
5	☐	625.000	642.985	2042025.87	0.2765	A	1.4
6	☐	1250.000	1272.322	4029328.82	0.5471	A	0.9
7	☐	2500.000	2527.976	7884214.07	1.0870	A	1.1
8	☐	5000.000	4978.142	15521977.43	2.1405	A	0.7
9	☐			18950.05	0.0026	P	3.2

$$y = 4.2997\text{E-}004 * x + 4.9383\text{E-}005$$

$$R = 1.0000$$

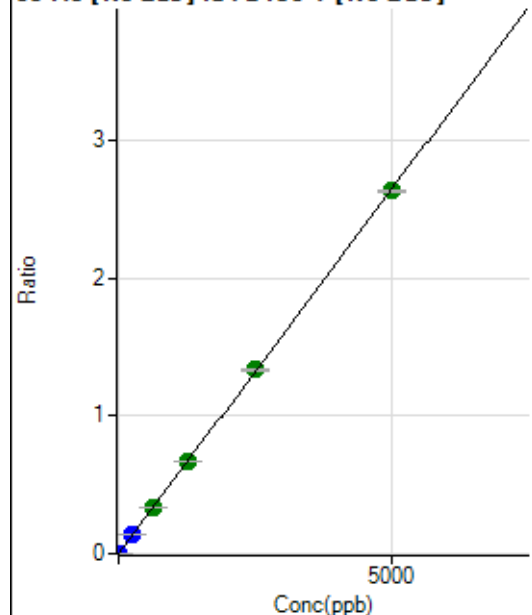
$$DL = 0.04598$$

$$BEC = 0.1149$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	266.68	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	4.932	19283.97	0.0026	P	2.9
4	☐	250.000	251.443	977518.49	0.1332	P	0.3
5	☐	625.000	641.582	2510142.96	0.3399	A	0.8
6	☐	1250.000	1273.682	4969057.23	0.6747	A	0.8
7	☐	2500.000	2522.315	9691226.60	1.3361	A	0.8
8	☐	5000.000	4980.777	19132497.13	2.6384	A	0.5
9	☐			30156.49	0.0042	P	1.7

$$y = 5.2970\text{E-}004 * x + 3.6765\text{E-}005$$

$$R = 1.0000$$

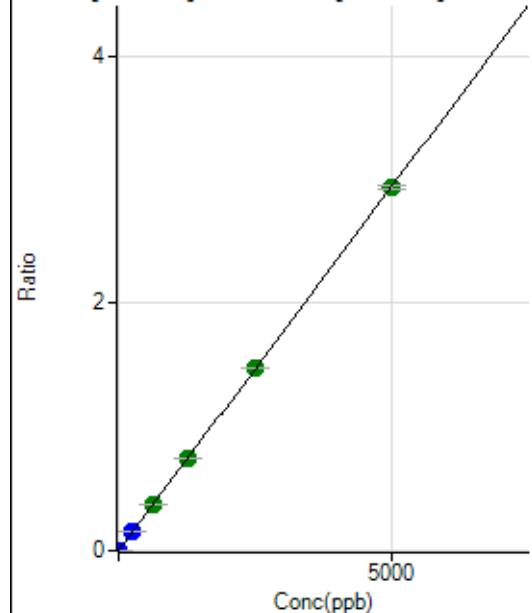
$$DL = 0.063$$

$$BEC = 0.06941$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.02	0.0000	P	12.3
2	☐	0.500					
3	☐	5.000	4.882	21228.50	0.0029	P	4.2
4	☐	250.000	251.850	1087372.22	0.1482	P	0.3
5	☐	625.000	643.664	2796621.26	0.3787	A	1.1
6	☐	1250.000	1260.052	5459232.46	0.7413	A	0.3
7	☐	2500.000	2516.871	10739558.83	1.4806	A	0.5
8	☐	5000.000	4986.626	21272163.32	2.9335	A	0.9
9	☐			34547.63	0.0048	P	0.6

$$y = 5.8826\text{E-}004 * x + 4.4755\text{E-}005$$

$$R = 1.0000$$

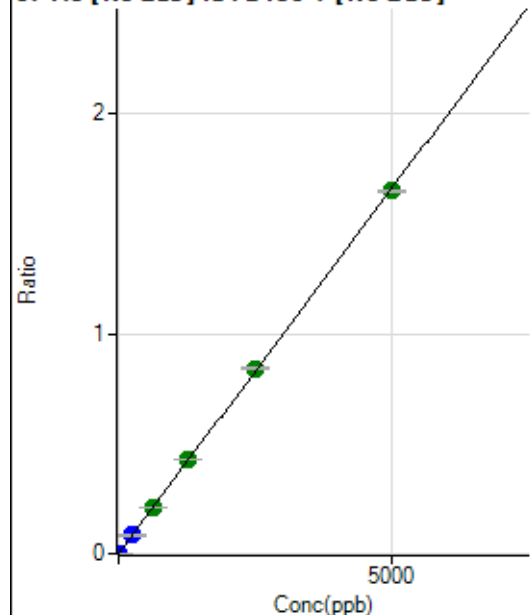
$$DL = 0.02812$$

$$BEC = 0.07608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.798	11780.59	0.0016	P	3.3
4	☐	250.000	251.057	611056.63	0.0833	P	0.8
5	☐	625.000	638.041	1562779.03	0.2116	A	1.4
6	☐	1250.000	1281.010	3128715.20	0.4248	A	0.2
7	☐	2500.000	2536.696	6101781.26	0.8412	A	0.7
8	☐	5000.000	4972.217	11957046.53	1.6489	A	0.7
9	☐			18891.69	0.0026	P	1.7

$$y = 3.3162\text{E-}004 * x + 2.7520\text{E-}005$$

$$R = 0.9999$$

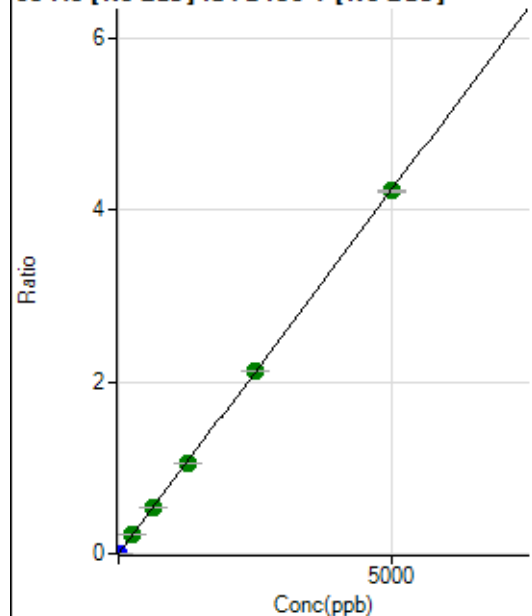
$$DL = 0.07093$$

$$BEC = 0.08299$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	411.14	0.0001	P	5.7
2	☐	0.500					
3	☐	5.000	4.859	30332.22	0.0042	P	4.1
4	☐	250.000	255.545	1586991.25	0.2163	A	0.6
5	☐	625.000	631.991	3949629.69	0.5348	A	1.5
6	☐	1250.000	1254.038	7815336.46	1.0612	A	0.3
7	☐	2500.000	2517.958	15454814.93	2.1307	A	0.5
8	☐	5000.000	4988.861	30613661.80	4.2215	A	0.6
9	☐			47985.73	0.0067	P	0.7

$$y = 8.4618\text{E-}004 * x + 5.6624\text{E-}005$$

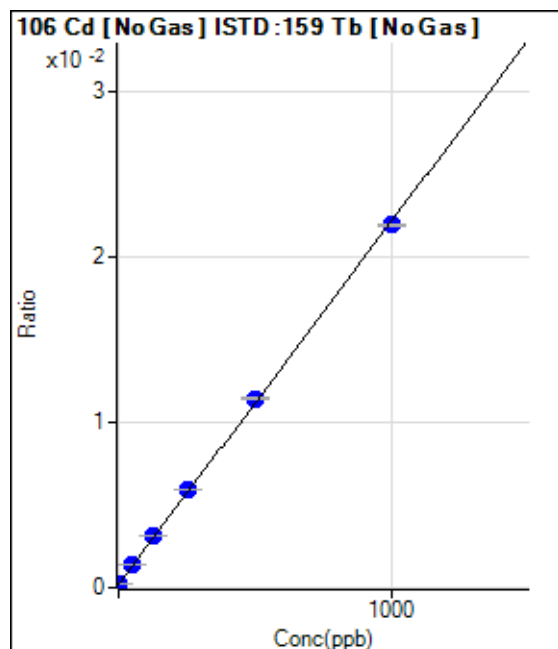
$$R = 1.0000$$

$$DL = 0.01135$$

$$BEC = 0.06692$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1853.00	0.0002	P	10.1
2	☐	0.100					
3	☐	1.000	0.555	1997.46	0.0002	P	1.1
4	☐	50.000	54.306	13170.81	0.0014	P	0.6
5	☐	125.000	133.847	30201.34	0.0031	P	1.4
6	☐	250.000	261.516	58109.60	0.0059	P	1.3
7	☐	500.000	511.585	112102.34	0.0114	P	1.0
8	☐	1000.000	990.008	218394.80	0.0219	P	0.2
9	☐			1752.98	0.0002	P	5.6

$$y = 2.1939\text{E-}005 * x + 1.9997\text{E-}004$$

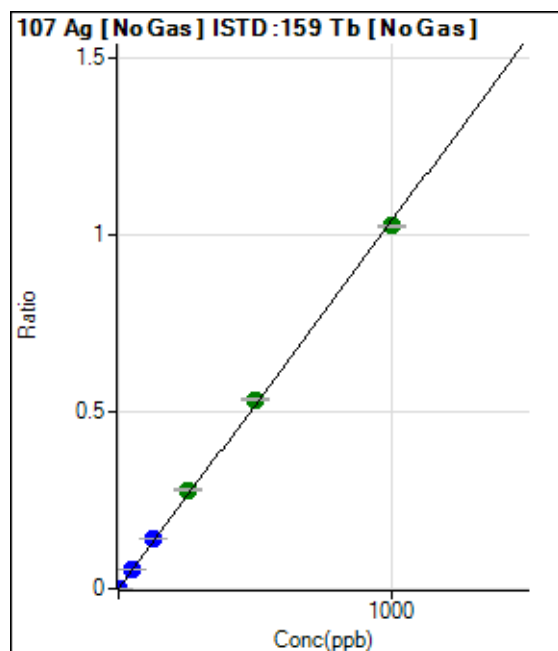
$$R = 0.9998$$

$$DL = 2.754$$

$$BEC = 9.115$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.23	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	1.049	10357.24	0.0011	P	2.5
4	☐	50.000	54.032	531346.89	0.0561	P	0.3
5	☐	125.000	133.790	1338314.35	0.1390	P	0.4
6	☐	250.000	268.817	2732793.94	0.2792	A	0.8
7	☐	500.000	513.591	5235077.29	0.5335	A	1.2
8	☐	1000.000	987.200	10216462.81	1.0254	A	0.6
9	☐			1205.67	0.0001	P	3.7

$$y = 0.0010 * x + 1.0488\text{E-}005$$

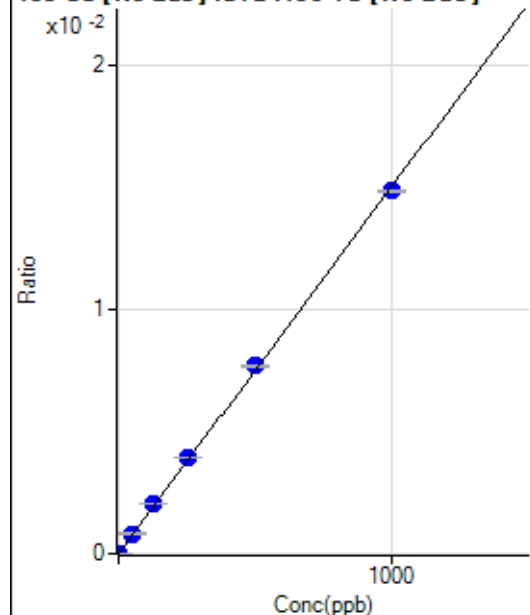
$$R = 0.9997$$

$$DL = 0.009849$$

$$BEC = 0.0101$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.06	0.0000	P	53.3
2	☐	0.100					
3	☐	1.000	0.913	147.23	0.0000	P	9.7
4	☐	50.000	54.525	7771.84	0.0008	P	4.3
5	☐	125.000	137.072	19849.66	0.0021	P	2.1
6	☐	250.000	263.075	38703.08	0.0040	P	0.8
7	☐	500.000	511.410	75419.48	0.0077	P	1.3
8	☐	1000.000	989.291	148109.14	0.0149	P	0.7
9	☐			38.89	0.0000	P	22.3

$$y = 1.5025\text{E-}005 * x + 1.9469\text{E-}006$$

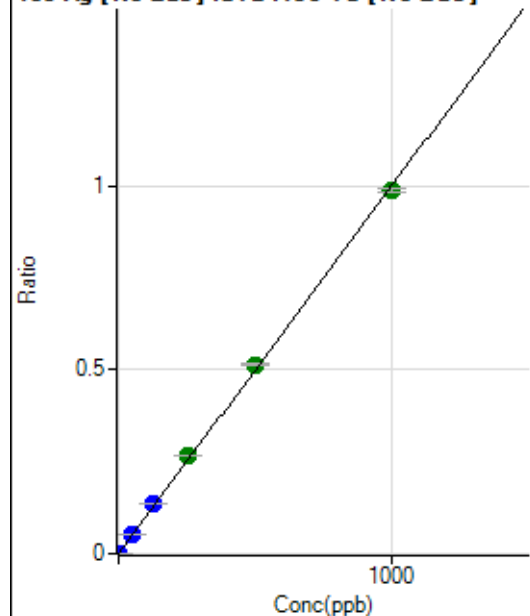
$$R = 0.9998$$

$$DL = 0.207$$

$$BEC = 0.1296$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.34	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	1.010	9553.80	0.0010	P	1.8
4	☐	50.000	54.232	512556.31	0.0541	P	1.0
5	☐	125.000	134.045	1288740.88	0.1338	P	0.8
6	☐	250.000	267.442	2613206.05	0.2670	A	0.6
7	☐	500.000	514.197	5037711.74	0.5134	A	1.3
8	☐	1000.000	987.199	9819509.94	0.9856	A	1.1
9	☐			1075.10	0.0001	P	3.3

$$y = 9.9837\text{E-}004 * x + 6.2752\text{E-}006$$

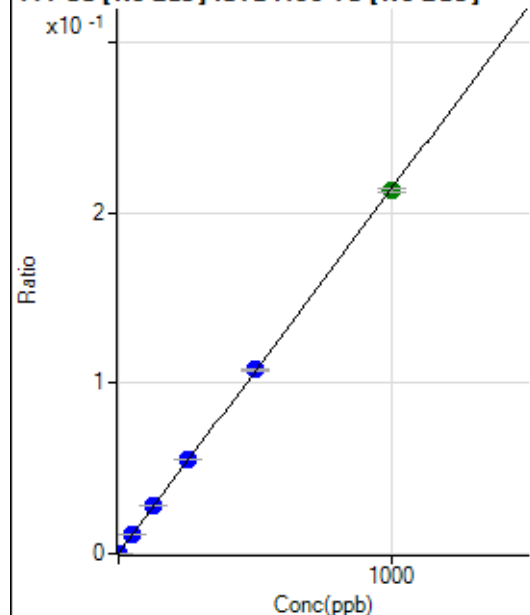
$$R = 0.9997$$

$$DL = 0.005151$$

$$BEC = 0.006285$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1355.30	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.956	3299.53	0.0004	P	1.2
4	☐	50.000	53.295	109228.50	0.0115	P	0.9
5	☐	125.000	132.035	273213.75	0.0284	P	0.7
6	☐	250.000	258.258	541756.54	0.0554	P	0.9
7	☐	500.000	504.897	1060640.75	0.1081	P	0.9
8	☐	1000.000	994.443	2119527.26	0.2127	A	0.9
9	☐			1563.76	0.0002	P	3.6

$$y = 2.1378\text{E-}004 * x + 1.4626\text{E-}004$$

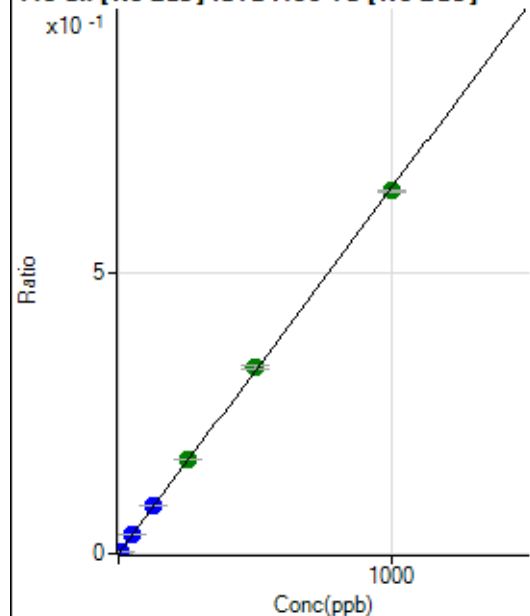
$$R = 0.9999$$

$$DL = 0.2206$$

$$BEC = 0.6842$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1113.99	0.0001	P	12.5
2	☐	0.500					
3	☐	5.000	5.100	32298.34	0.0034	P	3.8
4	☐	50.000	52.884	326284.72	0.0345	P	0.9
5	☐	125.000	130.293	816106.86	0.0848	P	1.2
6	☐	250.000	257.468	1637930.18	0.1674	A	0.5
7	☐	500.000	509.976	3251736.23	0.3314	A	1.5
8	☐	1000.000	992.339	6423217.98	0.6447	A	0.5
9	☐			8589.24	0.0009	P	3.2

$$y = 6.4955\text{E-}004 * x + 1.2023\text{E-}004$$

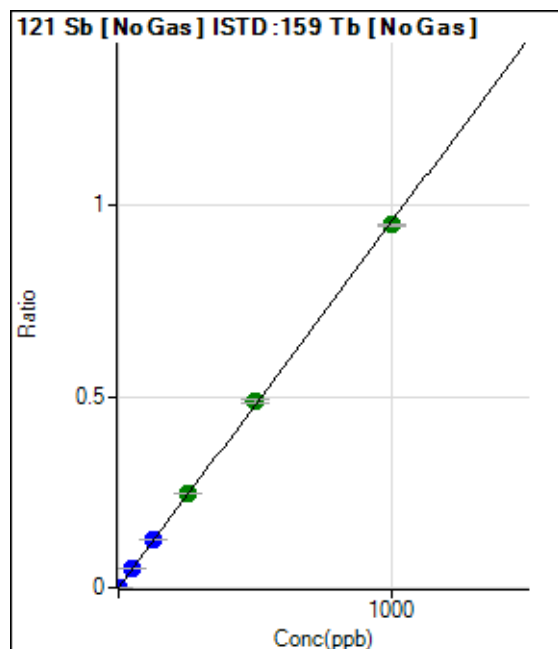
$$R = 0.9999$$

$$DL = 0.06945$$

$$BEC = 0.1851$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.78	0.0000	P	34.6
2	☐	0.200					
3	☐	2.000	2.063	18733.26	0.0020	P	0.8
4	☐	50.000	51.348	465595.68	0.0492	P	1.4
5	☐	125.000	130.190	1200764.01	0.1247	P	1.0
6	☐	250.000	259.625	2433599.47	0.2487	A	0.4
7	☐	500.000	509.484	4788273.03	0.4880	A	1.4
8	☐	1000.000	992.135	9466880.42	0.9502	A	0.9
9	☐			25814.74	0.0026	P	4.7

$$y = 9.5771\text{E-}004 * x + 1.3809\text{E-}005$$

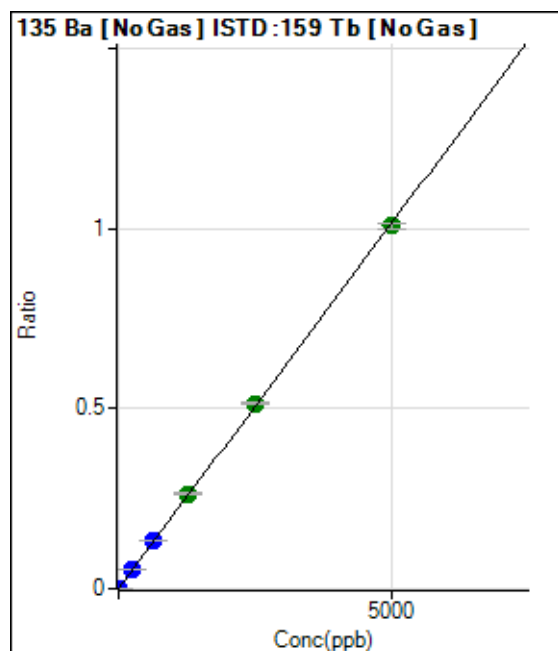
$$R = 0.9999$$

$$DL = 0.01497$$

$$BEC = 0.01442$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	26.7
2	☐	1.000					
3	☐	10.000	9.886	19070.11	0.0020	P	3.7
4	☐	250.000	261.177	501559.21	0.0530	P	0.1
5	☐	625.000	651.825	1273083.28	0.1322	P	1.0
6	☐	1250.000	1301.703	2583663.95	0.2640	A	1.2
7	☐	2500.000	2536.323	5047524.07	0.5144	A	1.4
8	☐	5000.000	4965.001	10031576.96	1.0069	A	1.5
9	☐			2847.67	0.0003	P	4.8

$$y = 2.0279\text{E-}004 * x + 2.1536\text{E-}005$$

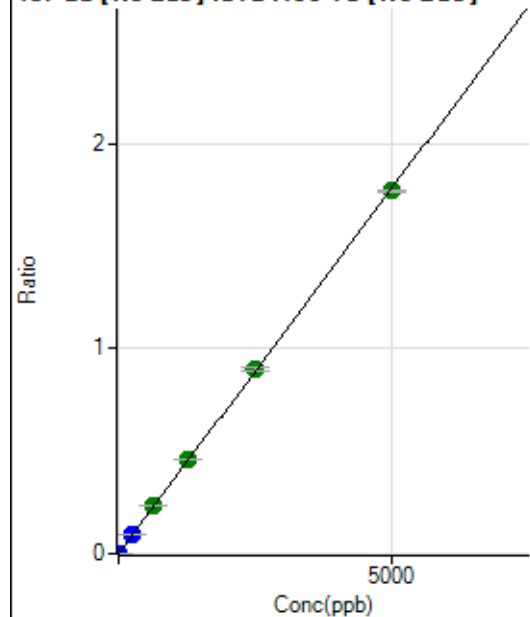
$$R = 0.9999$$

$$DL = 0.08518$$

$$BEC = 0.1062$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	300.02	0.0000	P	18.7
2	☐	1.000					
3	☐	10.000	10.033	33886.04	0.0036	P	3.9
4	☐	250.000	261.792	881819.69	0.0932	P	0.7
5	☐	625.000	658.944	2257558.23	0.2344	A	0.9
6	☐	1250.000	1287.631	4483185.00	0.4581	A	1.0
7	☐	2500.000	2527.286	8822685.96	0.8991	A	1.3
8	☐	5000.000	4972.116	17622773.48	1.7688	A	0.8
9	☐			4915.06	0.0005	P	2.2

$$y = 3.5574\text{E-}004 * x + 3.2402\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05105$$

$$BEC = 0.09109$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			6.67		P	100.0
4	☐			13.33		P	NaN
5	☐			117.78		P	29.0
6	☐			126.67		P	13.9
7	☐			251.12		P	15.6
8	☐			455.58		P	18.6
9	☐			115.56		P	6.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			4.44		P	43.4
7	☐			4.44		P	114.6
8	☐			3.33		P	0.0
9	☐			18.89		P	62.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.11		P	35.3
2	☐						
3	☐			13.89		P	69.3
4	☐			19.45		P	24.7
5	☐			52.78		P	32.9
6	☐			66.67		P	12.5
7	☐			91.67		P	27.3
8	☐			127.79		P	44.4
9	☐			100.00		P	30.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			2.22		P	173.2
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			4.44		P	114.6
7	☐			11.11		P	69.3
8	☐			7.78		P	24.7
9	☐			18.89		P	10.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			80.56		P	39.2
2	☐						
3	☐			111.12		P	31.2
4	☐			66.67		P	33.1
5	☐			94.45		P	62.6
6	☐			125.01		P	37.1
7	☐			88.89		P	39.0
8	☐			141.67		P	0.0
9	☐			147.23		P	26.8

160 Gd [He] No available calibration points

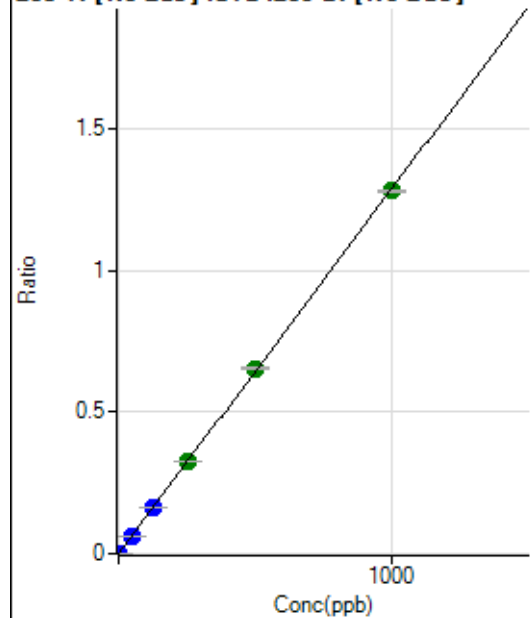
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	75.5
2	☐						
3	☐			10.00		P	66.7
4	☐			7.78		P	107.8
5	☐			10.00		P	33.3
6	☐			12.22		P	15.7
7	☐			10.00		P	57.8
8	☐			22.22		P	74.0
9	☐			25.56		P	19.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.55		P	15.7
2	☐						
3	☐			38.89		P	32.7
4	☐			41.67		P	34.7
5	☐			25.00		P	33.3
6	☐			33.34		P	86.6
7	☐			36.11		P	26.7
8	☐			44.44		P	75.8
9	☐			47.22		P	36.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			7.78		P	49.5
4	☐			4.44		P	43.4
5	☐			8.89		P	43.3
6	☐			11.11		P	75.5
7	☐			6.67		P	50.0
8	☐			4.44		P	43.4
9	☐			8.89		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	219.46	0.0000	P	4.9
2	☐	0.100					
3	☐	1.000	0.954	7830.55	0.0013	P	2.7
4	☐	50.000	49.986	401890.95	0.0643	P	0.1
5	☐	125.000	126.089	1022756.96	0.1621	P	1.0
6	☐	250.000	252.524	2074223.85	0.3246	A	0.4
7	☐	500.000	507.641	4172145.88	0.6524	A	1.5
8	☐	1000.000	995.413	8341563.73	1.2793	A	0.3
9	☐			3953.60	0.0007	P	2.2

$$y = 0.0013 * x + 3.5894E-005$$

$$R = 1.0000$$

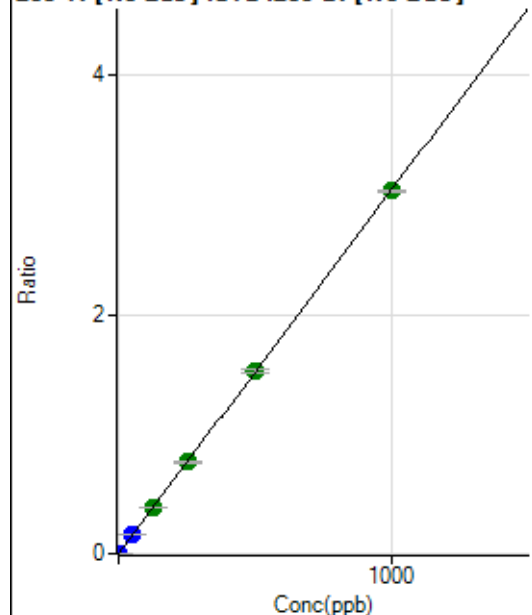
$$DL = 0.004065$$

$$BEC = 0.02793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	525.04	0.0001	P	10.8
2	☐	0.100					
3	☐	1.000	0.961	18675.65	0.0030	P	0.4
4	☐	50.000	50.429	959202.37	0.1534	P	0.3
5	☐	125.000	128.582	2467548.80	0.3910	A	0.4
6	☐	250.000	252.698	4910290.99	0.7684	A	1.3
7	☐	500.000	502.740	9775102.82	1.5286	A	1.5
8	☐	1000.000	997.487	19775290.55	3.0329	A	0.4
9	☐			9067.53	0.0015	P	5.0

$$y = 0.0030 * x + 8.5973E-005$$

$$R = 1.0000$$

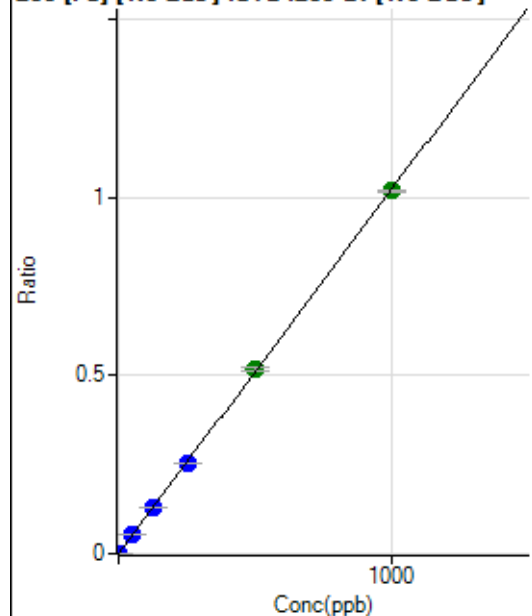
$$DL = 0.009153$$

$$BEC = 0.02828$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	566.70	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	1.003	6942.88	0.0011	P	9.0
4	☐	50.000	50.325	322447.50	0.0516	P	0.2
5	☐	125.000	126.433	816684.87	0.1294	P	1.3
6	☐	250.000	248.696	1626295.88	0.2545	P	1.1
7	☐	500.000	507.599	3320973.22	0.5193	A	1.4
8	☐	1000.000	996.331	6645905.01	1.0193	A	0.8
9	☐			6659.34	0.0011	P	2.1

$$y = 0.0010 * x + 9.2789E-005$$

$$R = 1.0000$$

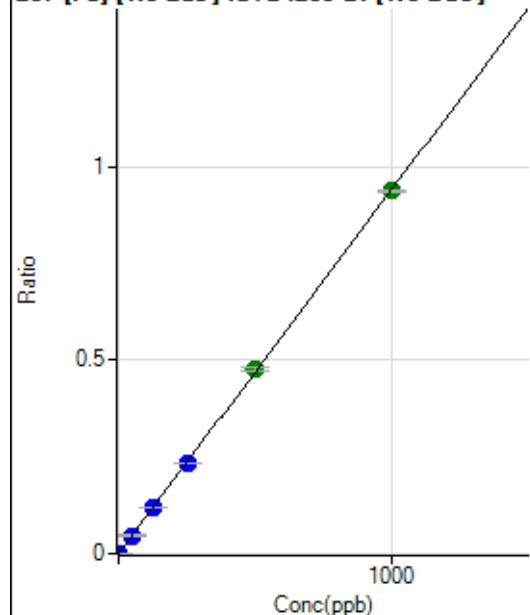
$$DL = 0.03169$$

$$BEC = 0.09071$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	581.51	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.938	6068.32	0.0010	P	2.7
4	☐	50.000	50.046	294964.43	0.0472	P	1.1
5	☐	125.000	124.937	742254.21	0.1176	P	0.9
6	☐	250.000	248.171	1492556.37	0.2336	P	0.7
7	☐	500.000	506.286	3046320.44	0.4764	A	1.5
8	☐	1000.000	997.320	6118082.72	0.9383	A	0.3
9	☐			5619.93	0.0009	P	3.7

$$y = 9.4074\text{E-}004 * x + 9.5188\text{E-}005$$

$$R = 1.0000$$

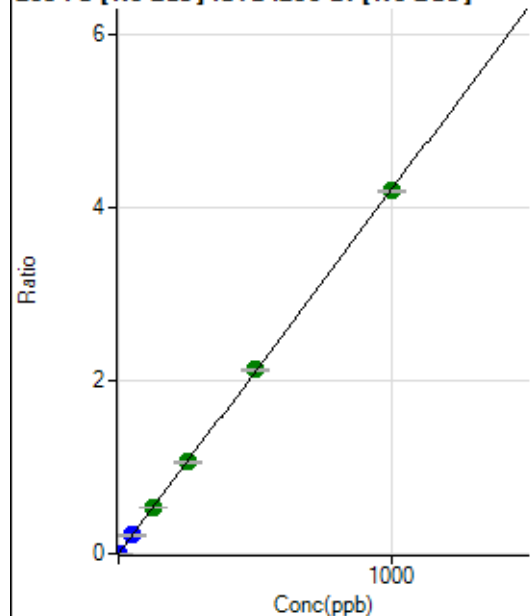
$$DL = 0.01802$$

$$BEC = 0.1012$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2396.46	0.0004	P	4.1
2	☐	0.100					
3	☐	1.000	0.958	27449.42	0.0044	P	2.7
4	☐	50.000	50.129	1320969.09	0.2113	P	0.4
5	☐	125.000	127.299	3381560.33	0.5359	A	1.6
6	☐	250.000	251.022	6750727.39	1.0564	A	0.9
7	☐	500.000	505.825	13609995.27	2.1283	A	1.1
8	☐	1000.000	996.538	27336870.23	4.1926	A	0.5
9	☐			26331.90	0.0043	P	1.3

$$y = 0.0042 * x + 3.9209\text{E-}004$$

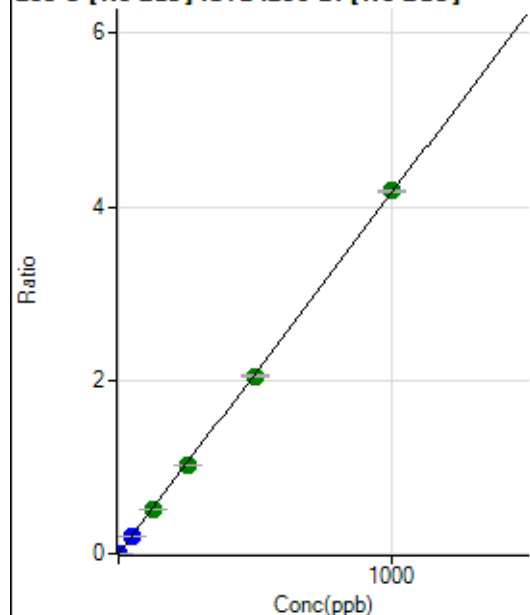
$$R = 1.0000$$

$$DL = 0.01146$$

$$BEC = 0.09321$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1664.10	0.0003	P	13.3
2	☐	0.100					
3	☐	1.000	0.924	25563.30	0.0041	P	2.3
4	☐	50.000	48.424	1261170.46	0.2017	P	0.5
5	☐	125.000	123.922	3254540.24	0.5158	A	1.7
6	☐	250.000	243.646	6478813.69	1.0138	A	0.9
7	☐	500.000	492.299	13097705.59	2.0482	A	1.2
8	☐	1000.000	1005.653	27278821.44	4.1837	A	0.5
9	☐			4439.90	0.0007	P	9.3

$$y = 0.0042 * x + 2.7259E-004$$

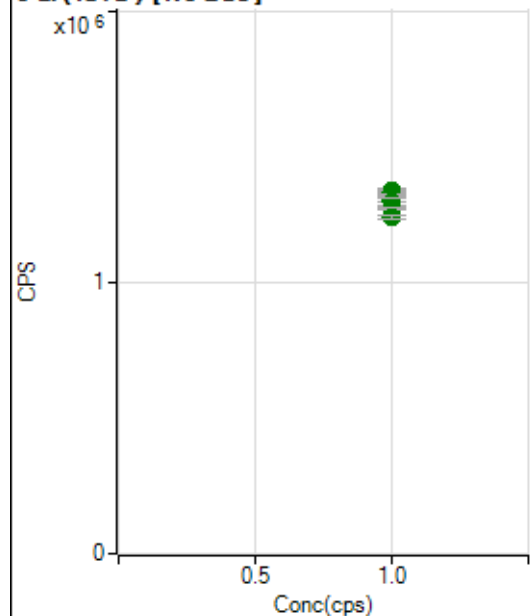
$$R = 0.9999$$

$$DL = 0.02624$$

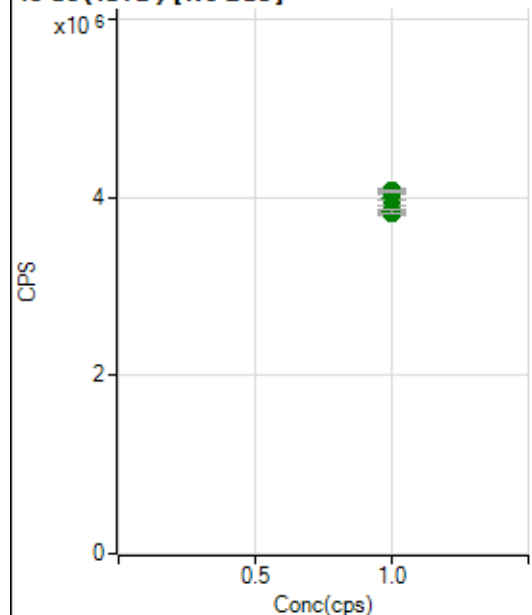
$$BEC = 0.06553$$

Weight: <None>

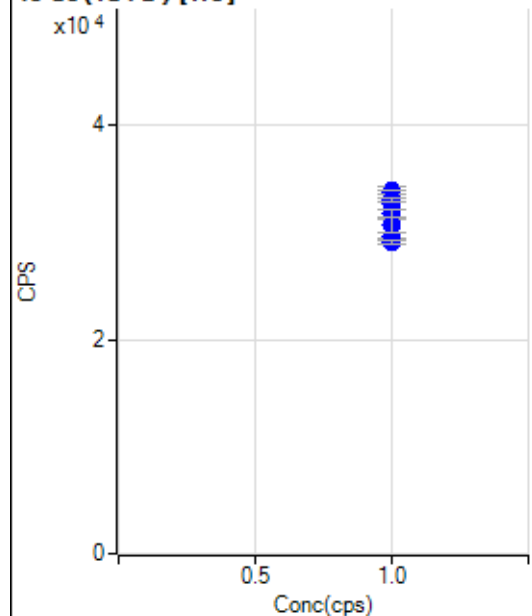
Min Conc: 0

6 Li (ISTD) [No Gas]

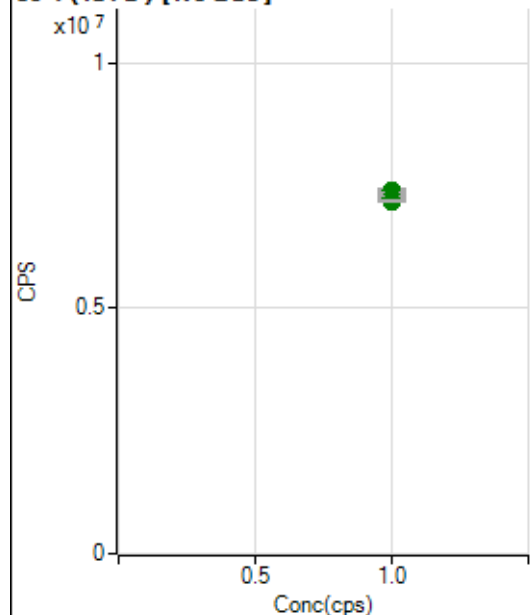
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1304714.12		A	0.7
2	☐	1.000					
3	☐	1.000		1335309.07		A	2.1
4	☐	1.000		1336910.36		A	1.1
5	☐	1.000		1333530.94		A	0.8
6	☐	1.000		1321662.13		A	0.4
7	☐	1.000		1296878.57		A	1.7
8	☐	1.000		1274477.19		A	0.4
9	☐	1.000		1241033.28		A	1.3

45 Sc (ISTD) [No Gas]

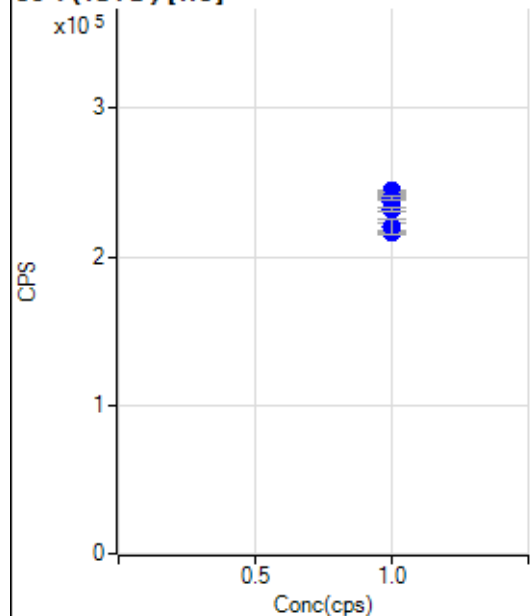
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3995860.46		A	1.4
2	☐	1.000					
3	☐	1.000		4063327.26		A	1.9
4	☐	1.000		4068561.94		A	0.2
5	☐	1.000		4053801.04		A	1.2
6	☐	1.000		4057064.33		A	0.7
7	☐	1.000		3902205.25		A	0.1
8	☐	1.000		3819806.16		A	1.0
9	☐	1.000		3833793.71		A	1.1

45 Sc (ISTD) [He]

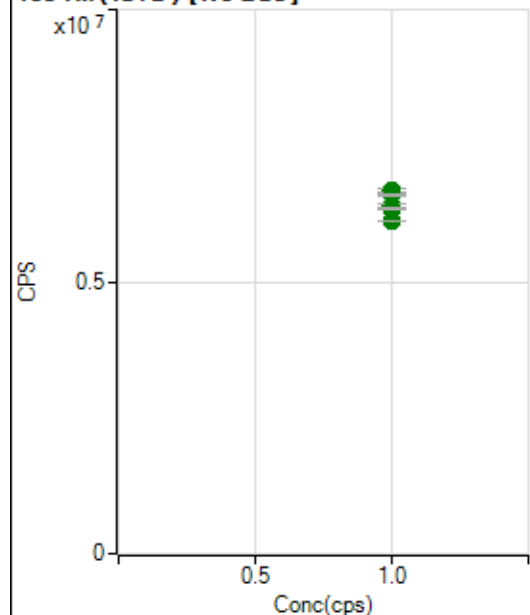
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		33856.46		P	2.2
2	☐	1.000					
3	☐	1.000		33682.66		P	1.0
4	☐	1.000		32678.25		P	3.7
5	☐	1.000		33026.73		P	1.1
6	☐	1.000		31675.83		P	2.5
7	☐	1.000		29693.73		P	2.2
8	☐	1.000		29076.94		P	1.2
9	☐	1.000		30679.75		P	4.5

89 Y (ISTD) [No Gas]

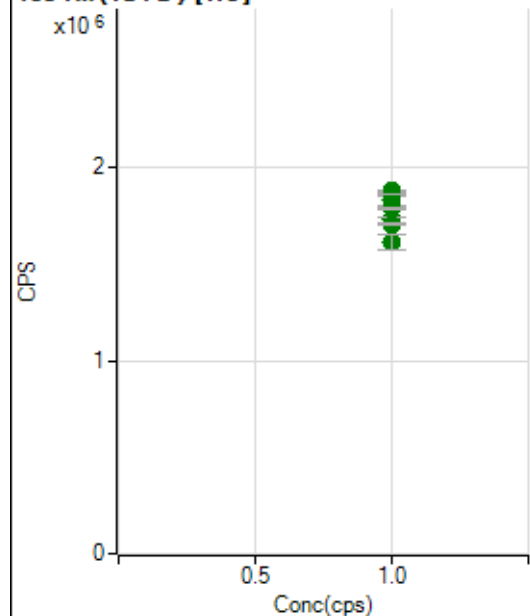
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7259441.77		A	0.6
2	☐	1.000					
3	☐	1.000		7283175.31		A	2.9
4	☐	1.000		7337286.63		A	0.2
5	☐	1.000		7385836.77		A	1.5
6	☐	1.000		7364608.64		A	0.4
7	☐	1.000		7253595.72		A	0.8
8	☐	1.000		7251857.95		A	0.8
9	☐	1.000		7177126.00		A	0.2

89 Y (ISTD) [He]

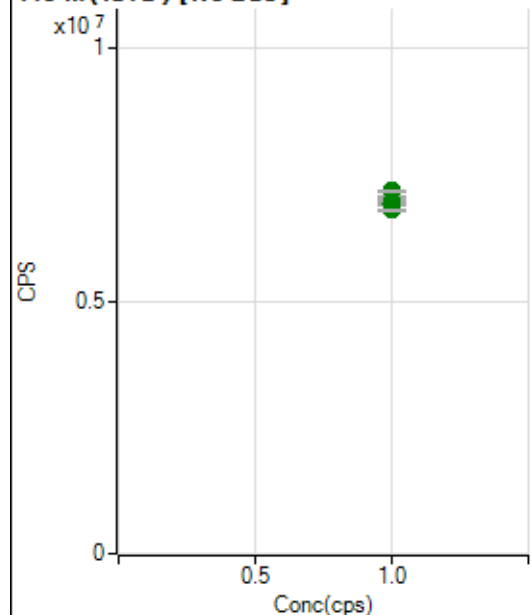
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		244431.62		P	0.6
2	☐	1.000					
3	☐	1.000		242620.61		P	0.3
4	☐	1.000		236861.43		P	2.7
5	☐	1.000		239349.34		P	1.0
6	☐	1.000		232082.31		P	0.9
7	☐	1.000		220220.91		P	1.9
8	☐	1.000		216007.34		P	0.1
9	☐	1.000		220124.83		P	4.5

103 Rh (ISTD) [No Gas]

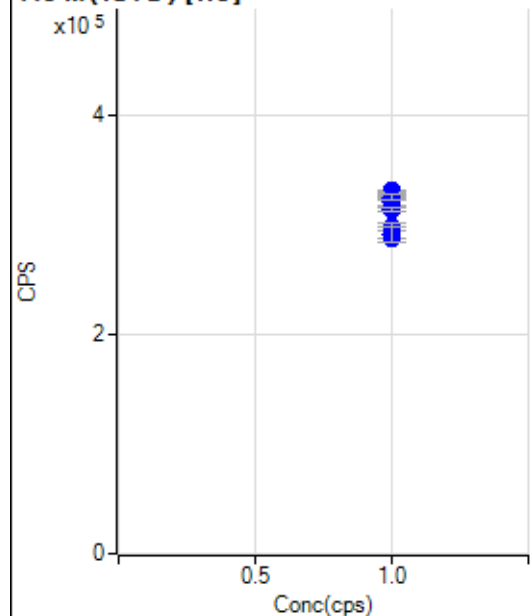
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6602537.86		A	0.7
2	☐	1.000					
3	☐	1.000		6677926.36		A	1.8
4	☐	1.000		6654189.04		A	0.4
5	☐	1.000		6633306.48		A	0.6
6	☐	1.000		6603859.61		A	0.6
7	☐	1.000		6415791.68		A	1.0
8	☐	1.000		6341832.04		A	0.7
9	☐	1.000		6118461.47		A	0.2

103 Rh (ISTD) [He]

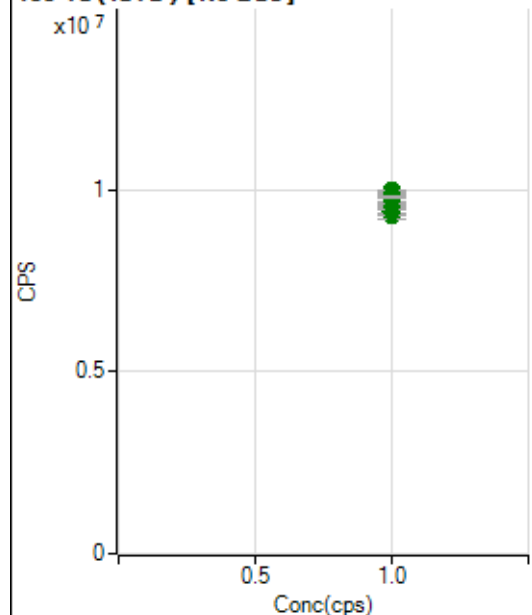
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1851147.68		A	0.1
2	☐	1.000					
3	☐	1.000		1878073.95		A	0.6
4	☐	1.000		1827331.34		A	2.8
5	☐	1.000		1861322.13		A	0.5
6	☐	1.000		1787644.00		A	0.1
7	☐	1.000		1729483.55		A	1.8
8	☐	1.000		1707049.70		A	0.4
9	☐	1.000		1612800.91		A	5.3

115 In (ISTD) [No Gas]

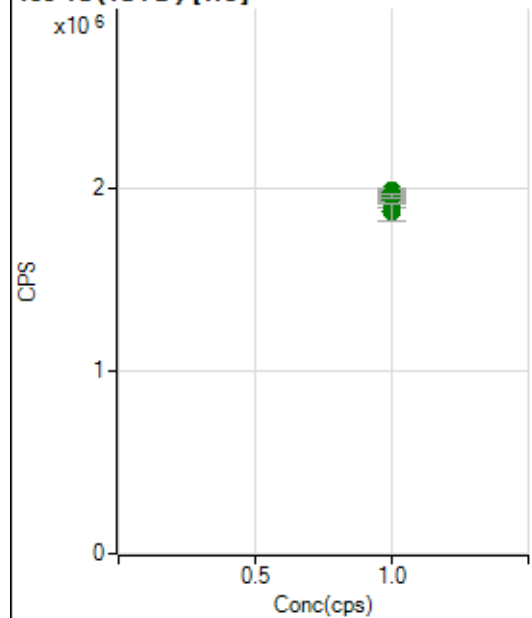
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6949457.09		A	1.1
2	☐	1.000					
3	☐	1.000		7035584.39		A	1.6
4	☐	1.000		7065786.00		A	0.7
5	☐	1.000		7073883.58		A	0.2
6	☐	1.000		7182664.50		A	0.4
7	☐	1.000		6930353.78		A	1.2
8	☐	1.000		6893630.34		A	0.0
9	☐	1.000		6798388.77		A	0.5

115 In (ISTD) [He]

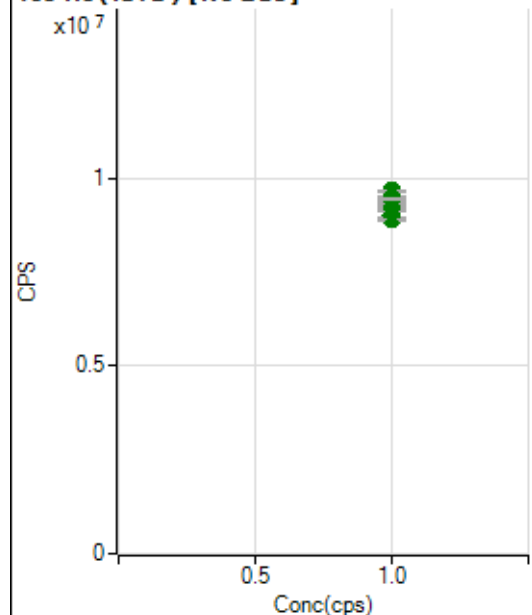
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		330492.29		P	0.6
2	☐	1.000					
3	☐	1.000		327312.55		P	0.9
4	☐	1.000		320833.09		P	2.5
5	☐	1.000		324829.96		P	1.3
6	☐	1.000		313649.51		P	1.1
7	☐	1.000		298259.71		P	2.3
8	☐	1.000		287944.47		P	0.1
9	☐	1.000		290533.46		P	4.7

159 Tb (ISTD) [No Gas]

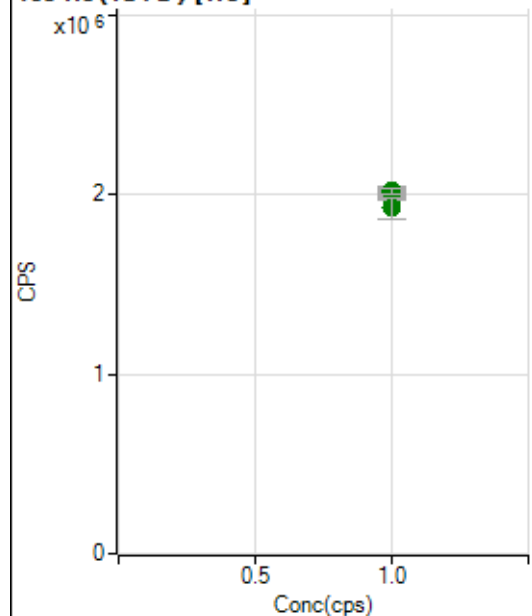
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9274050.76		A	1.3
2	☐	1.000					
3	☐	1.000		9414584.17		A	2.5
4	☐	1.000		9465760.34		A	0.6
5	☐	1.000		9629718.88		A	0.5
6	☐	1.000		9786884.09		A	0.3
7	☐	1.000		9813794.02		A	0.9
8	☐	1.000		9963500.20		A	0.7
9	☐	1.000		9799426.24		A	0.3

159 Tb (ISTD) [He]

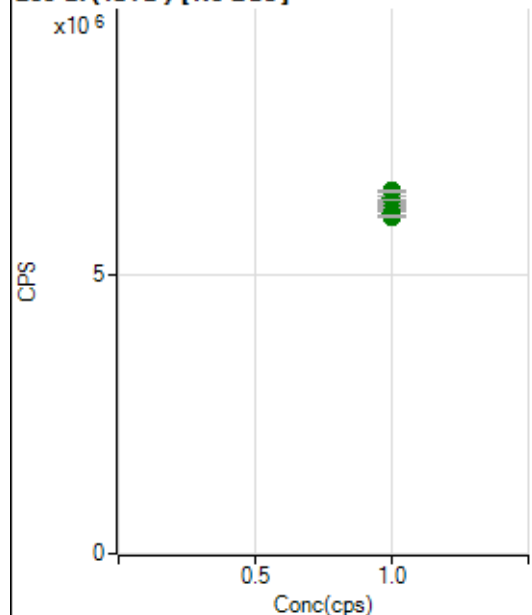
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1939083.93		A	0.7
2	☐	1.000					
3	☐	1.000		1983794.93		A	0.9
4	☐	1.000		1937281.27		A	2.4
5	☐	1.000		1980849.07		A	1.7
6	☐	1.000		1966474.66		A	0.4
7	☐	1.000		1909008.13		A	2.0
8	☐	1.000		1956678.49		A	0.7
9	☐	1.000		1867038.77		A	5.2

165 Ho (ISTD) [No Gas]

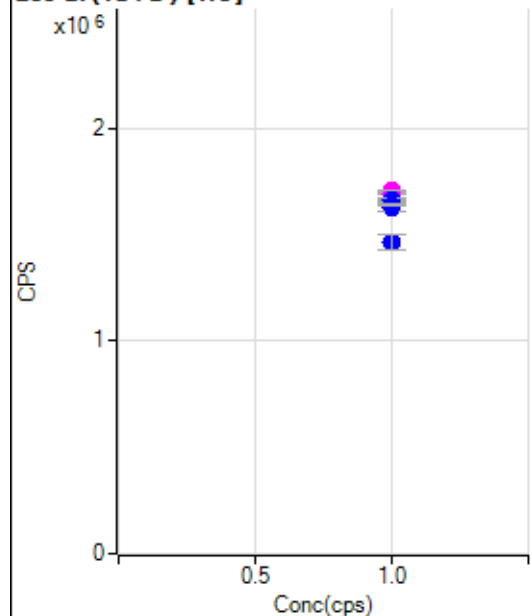
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8891676.41		A	1.1
2	☐	1.000					
3	☐	1.000		9029269.56		A	2.6
4	☐	1.000		9128220.00		A	0.6
5	☐	1.000		9239596.39		A	0.6
6	☐	1.000		9315887.88		A	0.5
7	☐	1.000		9453461.76		A	1.4
8	☐	1.000		9652472.35		A	0.4
9	☐	1.000		9454031.37		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1987679.69		A	0.5
2	☐	1.000					
3	☐	1.000		2017772.77		A	0.6
4	☐	1.000		2014180.25		A	3.1
5	☐	1.000		2022595.93		A	1.1
6	☐	1.000		2020181.34		A	1.1
7	☐	1.000		1987102.56		A	1.7
8	☐	1.000		2018848.15		A	1.4
9	☐	1.000		1925139.26		A	5.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6112443.31		A	1.4
2	☐	1.000					
3	☐	1.000		6208634.42		A	1.3
4	☐	1.000		6252398.86		A	0.5
5	☐	1.000		6310395.88		A	0.8
6	☐	1.000		6390669.83		A	0.7
7	☐	1.000		6395283.03		A	1.1
8	☐	1.000		6520340.94		A	0.4
9	☐	1.000		6063505.19		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1703568.05		M	0.6
2	☐	1.000					
3	☐	1.000		1692599.00		P	0.4
4	☐	1.000		1668281.80		M	2.0
5	☐	1.000		1687316.26		M	2.5
6	☐	1.000		1659389.71		P	1.1
7	☐	1.000		1626448.90		P	2.7
8	☐	1.000		1637630.84		P	0.6
9	☐	1.000		1465050.90		P	5.2

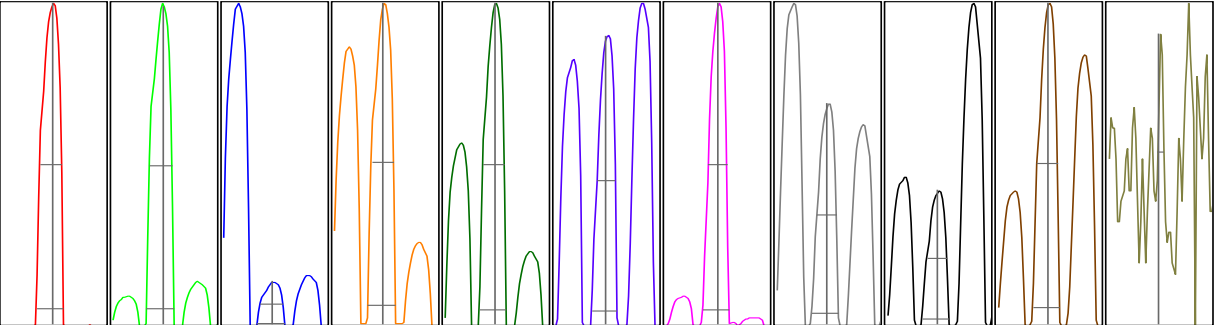
US EPA Tune Check Sample Report

Batch Folder D:\P8100118-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7742	1.10	5.00	
24	683868	1.27	5.00	
25	95020	1.32	5.00	
26	108496	0.91	5.00	
59	75512	1.34	5.00	
113	10678	1.21	5.00	
115	128133	1.28	5.00	
206	33116	1.45	5.00	
207	30642	1.65	5.00	
208	72846	1.59	5.00	
220	1	30.13		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7676	7669	7787	7870	7710
24	679144	678783	681681	699263	680468
25	94239	94416	94576	97242	94625
26	108327	107894	107916	110230	108114
59	74750	74821	75534	77234	75222
113	10562	10574	10669	10881	10704
115	127230	126882	128076	130958	127518
206	32678	32752	33036	33872	33242
207	30238	30232	30579	31472	30689
208	71647	71925	72903	74567	73188
220	0	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13223	9.00	8.9 - 9.1		0.779	0.900	
24	1147625	24.00	23.9 - 24.1		0.784	0.900	
25	158495	24.95	24.9 - 25.1		0.786	0.900	
26	182856	25.95	25.9 - 26.1		0.785	0.900	
59	132451	59.00	58.9 - 59.1		0.773	0.900	
113	19979	113.00	112.9 - 113.1		0.728	0.900	
115	242525	115.05	114.9 - 115.1		0.755	0.900	
206	61043	206.00	205.9 - 206.1		0.768	0.900	
207	55560	207.00	206.9 - 207.1		0.776	0.900	
208	132746	208.00	207.9 - 208.1		0.774	0.900	
220	1	220.00	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	14.4	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9801	0.91	
89	108000	0.80	
205	15618	0.54	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9811	9869	9765	9891	9669
89	107505	108230	107758	109365	107140
205	15610	15711	15648	15639	15484

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	2.0	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:13:16 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	-0.09	-0.86	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	135-1	-0.03	0.00	0.03	0.00	N/A	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Boron	10-1	0.33	-0.17	-0.16	0.00	N/A	ppb
Cadmium	106-1	1.06	-0.58	-0.48	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.04	0.08	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.04	-0.05	0.00	N/A	ppb
Calcium	43-1	3.34	-2.21	-1.13	0.00	N/A	ppb
Calcium	44-1	1.73	-1.25	-0.49	0.00	N/A	ppb
Chromium	52-2	-0.07	0.10	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.03	-0.02	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	0.07	-0.07	-0.01	0.00	N/A	ppb
Iron	57-2	0.86	0.14	-1.01	0.00	N/A	ppb
Krypton	83-1						ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.70	-0.84	0.14	0.00	N/A	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:13:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.01	-0.08	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	9.07	-9.03	-9.03	-2.99		ppb
Potassium	39-2	0.19	-6.13	5.94	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	-0.23	-0.23	0.00	N/A	ppb
Selenium	82-1	0.56	-0.05	-0.50	0.00	N/A	ppb
Silicon	28-1	1.80	-0.45	-1.35	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	0.92	-0.28	-0.64	0.00	N/A	ppb
Strontium	86-1	-0.03	0.00	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	319.06	-11.93	-105.15	67.33	331.13	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.03	-0.03	0.00	N/A	ppb
Uranium	238-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Vanadium	51-2	0.02	-0.02	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	0.00	-0.12	0.00	N/A	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:13:16	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.46	14.46	14.88	17.60	28.87	ppb
Antimony	121-1	2.06	2.08	2.05	2.06	0.81	ppb
Arsenic	75-1	0.88	0.97	0.92	0.92	4.95	ppb
Barium	135-1	9.48	9.97	10.21	9.89	3.77	ppb
Barium	137-1	10.00	9.65	10.44	10.03	3.93	ppb
Beryllium	9-1	0.94	0.98	1.05	0.99	5.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	23.82	24.11	24.97	24.30	2.47	ppb
Boron	10-1	24.86	25.04	24.74	24.88	0.61	ppb
Cadmium	106-1	0.51	0.68	0.47	0.55	19.61	ppb
Cadmium	108-1	0.90	0.82	1.02	0.91	11.10	ppb
Cadmium	111-1	0.95	0.94	0.98	0.96	1.97	ppb
Calcium	43-1	476.99	439.28	464.13	460.13	4.17	ppb
Calcium	44-1	467.00	451.59	470.27	462.95	2.15	ppb
Chromium	52-2	1.92	2.13	2.25	2.10	7.72	ppb
Cobalt	59-2	1.02	0.93	1.00	0.98	5.10	ppb
Copper	63-2	1.98	1.93	1.99	1.97	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	49.56	48.12	46.54	48.07	3.14	ppb
Iron	57-2	50.81	52.56	47.50	50.29	5.10	ppb
Krypton	83-1						ppb
Lead	207-1	0.91	0.96	0.95	0.94	2.94	ppb
Lead	208-1	0.96	0.93	0.99	0.96	3.02	ppb
Lead	206-1	1.03	0.89	1.09	1.00	9.78	ppb
Lithium	6-1				102		%
Magnesium	24-2	467.43	481.03	483.50	477.32	1.81	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	0.75	0.95	0.94	18.97	ppb
Molybdenum	94-1	4.82	4.64	4.84	4.76	2.27	ppb
Molybdenum	95-1	4.90	4.80	5.09	4.93	2.90	ppb
Molybdenum	96-1	4.94	4.65	5.05	4.88	4.22	ppb
Molybdenum	97-1	4.75	4.67	4.98	4.80	3.31	ppb
Molybdenum	98-1	4.78	4.71	5.09	4.86	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.01	0.93	0.97	4.03	ppb
Phosphorus	31-2	9.14	-9.03	8.86	2.99	347.79	ppb
Potassium	39-2	478.42	497.95	453.63	476.67	4.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	8.35	4.15	4.17	100.19	ppb
Selenium	78-2	11.74	4.70	5.38	7.27	53.47	ppb
Selenium	82-1	4.91	4.08	5.91	4.97	18.40	ppb
Silicon	28-1	14.06	11.25	14.81	13.37	14.03	ppb
Silver	109-1	1.01	0.99	1.03	1.01	1.86	ppb
Silver	107-1	1.06	1.02	1.07	1.05	2.56	ppb
Sodium	23-2	474.02	486.17	473.74	477.98	1.48	ppb
Strontium	86-1	0.91	1.04	1.02	0.99	7.00	ppb
Strontium	88-1	0.98	0.99	1.01	0.99	1.35	ppb
Sulfur	34-1	-107.05	-381.69	286.76	-67.33		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.96	0.98	0.95	2.78	ppb
Thallium	205-1	0.97	0.96	0.96	0.96	0.45	ppb
Tin	118-1	4.96	5.01	5.33	5.10	3.99	ppb
Titanium	47-1	4.97	4.60	5.11	4.90	5.34	ppb
Uranium	238-1	0.91	0.91	0.95	0.92	2.52	ppb
Vanadium	51-2	4.70	4.94	4.80	4.81	2.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1.88	2.29	2.20	2.12	9.96	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.92	0.93	0.92	0.32	ppb
Zirconium	91-1	0.89	0.89	0.87	0.88	1.01	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:24:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	938.54	1040.38	958.81	979.24	5.50	ppb
Antimony	121-1	50.54	51.90	51.60	51.35	1.40	ppb
Arsenic	75-1	50.06	49.65	50.50	50.07	0.85	ppb
Barium	135-1	261.15	261.52	260.86	261.18	0.13	ppb
Barium	137-1	259.79	263.07	262.52	261.79	0.67	ppb
Beryllium	9-1	51.34	52.51	51.27	51.71	1.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	49.98	51.28	51.54	50.94	1.64	ppb
Boron	10-1	50.04	49.83	52.83	50.90	3.29	ppb
Cadmium	106-1	54.71	53.92	54.29	54.31	0.73	ppb
Cadmium	108-1	52.75	57.22	53.61	54.53	4.35	ppb
Cadmium	111-1	53.21	53.81	52.86	53.29	0.90	ppb
Calcium	43-1	4815.40	4919.60	4822.19	4852.40	1.20	ppb
Calcium	44-1	4921.30	5025.41	4903.05	4949.92	1.33	ppb
Chromium	52-2	50.07	53.94	51.36	51.79	3.81	ppb
Cobalt	59-2	49.39	52.84	50.19	50.81	3.55	ppb
Copper	63-2	101.93	109.45	103.64	105.01	3.75	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	2471.41	2689.84	2509.49	2556.91	4.56	ppb
Iron	57-2	2404.36	2642.48	2455.33	2500.72	5.01	ppb
Krypton	83-1						ppb
Lead	207-1	49.47	50.14	50.53	50.05	1.07	ppb
Lead	208-1	49.97	50.05	50.36	50.13	0.41	ppb
Lead	206-1	50.42	50.31	50.24	50.32	0.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	5007.97	5346.50	5006.66	5120.38	3.82	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:24:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.23	108.98	104.09	105.10	3.32	ppb
Molybdenum	94-1	251.08	250.96	250.45	250.83	0.13	ppb
Molybdenum	95-1	251.44	252.13	250.76	251.44	0.27	ppb
Molybdenum	96-1	250.92	252.30	252.33	251.85	0.32	ppb
Molybdenum	97-1	248.86	252.94	251.37	251.06	0.82	ppb
Molybdenum	98-1	253.84	256.76	256.04	255.54	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.63	54.76	51.29	52.56	3.64	ppb
Phosphorus	31-2	1032.51	1206.67	1109.57	1116.25	7.82	ppb
Potassium	39-2	2392.64	2563.60	2487.30	2481.18	3.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	33.57	44.02	29.47	35.69	21.03	ppb
Selenium	78-2	65.63	48.07	48.80	54.17	18.34	ppb
Selenium	82-1	51.36	51.27	51.99	51.54	0.76	ppb
Silicon	28-1	57.06	56.02	55.65	56.25	1.30	ppb
Silver	109-1	54.03	54.82	53.84	54.23	0.96	ppb
Silver	107-1	53.87	54.21	54.01	54.03	0.32	ppb
Sodium	23-2	4842.57	5228.62	4897.77	4989.65	4.18	ppb
Strontium	86-1	50.41	51.39	51.13	50.98	1.00	ppb
Strontium	88-1	51.19	51.73	51.09	51.34	0.67	ppb
Sulfur	34-1	895.23	846.44	947.98	896.55	5.66	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	49.93	49.98	50.04	49.99	0.11	ppb
Thallium	205-1	50.54	50.27	50.47	50.43	0.29	ppb
Tin	118-1	52.32	53.05	53.29	52.88	0.95	ppb
Titanium	47-1	257.95	254.69	252.97	255.20	0.99	ppb
Uranium	238-1	48.56	48.59	48.12	48.42	0.55	ppb
Vanadium	51-2	49.99	54.37	51.57	51.98	4.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	100.60	108.68	102.49	103.92	4.07	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:24:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.47	50.14	49.87	49.83	0.68	ppb
Zirconium	91-1	49.23	49.26	49.27	49.25	0.04	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2407.27	2400.64	2478.08	2428.66	1.77	ppb
Antimony	121-1	129.54	129.30	131.72	130.19	1.03	ppb
Arsenic	75-1	124.61	126.23	126.37	125.74	0.78	ppb
Barium	135-1	653.11	644.63	657.74	651.82	1.02	ppb
Barium	137-1	659.76	652.84	664.23	658.94	0.87	ppb
Beryllium	9-1	129.09	131.26	130.13	130.16	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	123.54	128.04	129.96	127.18	2.59	ppb
Boron	10-1	124.45	131.01	132.69	129.39	3.36	ppb
Cadmium	106-1	133.05	132.31	136.17	133.85	1.53	ppb
Cadmium	108-1	134.20	137.13	139.88	137.07	2.07	ppb
Cadmium	111-1	131.60	131.43	133.08	132.04	0.69	ppb
Calcium	43-1	12002.95	12287.78	12471.74	12254.16	1.93	ppb
Calcium	44-1	12112.56	12312.18	12419.74	12281.49	1.27	ppb
Chromium	52-2	130.36	135.24	135.32	133.64	2.13	ppb
Cobalt	59-2	124.15	125.56	126.70	125.47	1.02	ppb
Copper	63-2	254.20	253.81	256.48	254.83	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	6232.17	6229.18	6280.73	6247.36	0.46	ppb
Iron	57-2	6084.29	6153.10	6190.77	6142.72	0.88	ppb
Krypton	83-1						ppb
Lead	207-1	123.89	124.78	126.13	124.94	0.90	ppb
Lead	208-1	125.62	126.78	129.50	127.30	1.57	ppb
Lead	206-1	124.87	126.23	128.19	126.43	1.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	12445.92	12497.07	12485.69	12476.22	0.22	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.38	255.81	261.22	257.80	1.15	ppb
Molybdenum	94-1	634.23	641.96	652.76	642.98	1.45	ppb
Molybdenum	95-1	637.10	640.31	647.34	641.58	0.82	ppb
Molybdenum	96-1	640.15	638.91	651.93	643.66	1.12	ppb
Molybdenum	97-1	627.83	640.61	645.68	638.04	1.44	ppb
Molybdenum	98-1	624.43	628.82	642.73	631.99	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.23	132.92	132.53	132.90	0.26	ppb
Phosphorus	31-2	2606.99	2581.07	2922.49	2703.52	7.03	ppb
Potassium	39-2	6078.53	6186.06	6058.72	6107.77	1.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	127.69	158.76	144.04	143.50	10.83	ppb
Selenium	78-2	152.07	134.45	127.75	138.09	9.10	ppb
Selenium	82-1	128.34	128.47	130.08	128.96	0.75	ppb
Silicon	28-1	145.29	148.18	151.31	148.26	2.03	ppb
Silver	109-1	133.34	133.55	135.25	134.05	0.78	ppb
Silver	107-1	133.99	133.17	134.21	133.79	0.41	ppb
Sodium	23-2	12219.45	12383.51	12388.66	12330.54	0.78	ppb
Strontium	86-1	124.83	125.65	129.64	126.71	2.03	ppb
Strontium	88-1	128.85	128.53	130.53	129.30	0.83	ppb
Sulfur	34-1	2482.79	2754.58	2921.10	2719.49	8.14	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	125.99	124.93	127.35	126.09	0.96	ppb
Thallium	205-1	129.09	128.01	128.65	128.58	0.42	ppb
Tin	118-1	128.93	129.98	131.97	130.29	1.18	ppb
Titanium	47-1	634.54	638.83	645.95	639.77	0.90	ppb
Uranium	238-1	125.05	121.55	125.17	123.92	1.66	ppb
Vanadium	51-2	127.15	128.33	129.22	128.23	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	257.61	254.75	262.25	258.20	1.47	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.95	129.53	130.22	129.24	0.90	ppb
Zirconium	91-1	124.03	124.34	126.64	125.00	1.14	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4701.91	4893.62	4724.52	4773.35	2.19	ppb
Antimony	121-1	260.76	258.85	259.26	259.63	0.39	ppb
Arsenic	75-1	246.60	249.69	249.57	248.62	0.71	ppb
Barium	135-1	1311.55	1283.04	1310.52	1301.70	1.24	ppb
Barium	137-1	1296.59	1272.76	1293.54	1287.63	1.01	ppb
Beryllium	9-1	256.70	258.90	256.97	257.52	0.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	11-1	250.20	251.18	256.37	252.59	1.31	ppb
Boron	10-1	244.56	254.76	262.57	253.96	3.56	ppb
Cadmium	106-1	263.36	263.87	257.32	261.52	1.39	ppb
Cadmium	108-1	264.58	263.92	260.73	263.07	0.78	ppb
Cadmium	111-1	259.95	255.51	259.31	258.26	0.93	ppb
Calcium	43-1	24130.50	24155.93	24422.55	24236.33	0.67	ppb
Calcium	44-1	24201.36	24134.30	23908.89	24081.52	0.64	ppb
Chromium	52-2	265.41	272.15	257.81	265.12	2.71	ppb
Cobalt	59-2	252.42	256.77	244.55	251.24	2.47	ppb
Copper	63-2	509.85	523.40	499.36	510.87	2.36	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				102		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	12388.94	12704.04	12121.61	12404.87	2.35	ppb
Iron	57-2	12297.30	12572.81	11876.89	12249.00	2.86	ppb
Krypton	83-1						ppb
Lead	207-1	246.94	247.35	250.23	248.17	0.72	ppb
Lead	208-1	248.41	251.67	252.98	251.02	0.94	ppb
Lead	206-1	245.74	248.98	251.37	248.70	1.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	24884.99	25377.22	24067.16	24776.46	2.67	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	515.21	527.80	502.98	515.33	2.41	ppb
Molybdenum	94-1	1284.67	1269.67	1262.62	1272.32	0.88	ppb
Molybdenum	95-1	1284.13	1272.52	1264.41	1273.68	0.78	ppb
Molybdenum	96-1	1256.08	1262.46	1261.62	1260.05	0.28	ppb
Molybdenum	97-1	1282.06	1283.09	1277.88	1281.01	0.22	ppb
Molybdenum	98-1	1258.32	1252.87	1250.92	1254.04	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.93	272.61	257.52	264.02	2.94	ppb
Phosphorus	31-2	5248.08	5982.49	5095.45	5442.01	8.71	ppb
Potassium	39-2	12076.36	12423.30	11767.74	12089.13	2.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	272.86	246.42	330.07	283.11	15.10	ppb
Selenium	78-2	241.92	260.27	259.26	253.81	4.06	ppb
Selenium	82-1	258.13	257.48	262.03	259.22	0.95	ppb
Silicon	28-1	269.27	278.39	277.71	275.12	1.85	ppb
Silver	109-1	269.11	266.07	267.14	267.44	0.58	ppb
Silver	107-1	271.21	267.59	267.65	268.82	0.77	ppb
Sodium	23-2	25119.80	25710.30	24244.30	25024.80	2.95	ppb
Strontium	86-1	250.01	252.64	250.94	251.20	0.53	ppb
Strontium	88-1	254.56	254.55	255.46	254.86	0.20	ppb
Sulfur	34-1	5176.40	5154.03	5317.19	5215.88	1.70	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	251.86	252.01	253.70	252.52	0.40	ppb
Thallium	205-1	249.09	253.42	255.58	252.70	1.31	ppb
Tin	118-1	258.03	258.52	255.86	257.47	0.55	ppb
Titanium	47-1	1256.43	1270.93	1275.11	1267.49	0.77	ppb
Uranium	238-1	241.52	245.71	243.70	243.65	0.86	ppb
Vanadium	51-2	256.91	263.52	247.19	255.87	3.21	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	517.77	526.36	497.90	514.01	2.84	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	255.64	255.97	256.76	256.12	0.23	ppb
Zirconium	91-1	247.55	248.29	248.38	248.07	0.18	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9829.61	9466.96	9304.56	9533.71	2.82	ppb
Antimony	121-1	516.34	502.32	509.79	509.48	1.38	ppb
Arsenic	75-1	500.52	499.49	501.00	500.34	0.15	ppb
Barium	135-1	2571.74	2501.31	2535.92	2536.32	1.39	ppb
Barium	137-1	2564.93	2504.07	2512.86	2527.29	1.30	ppb
Beryllium	9-1	513.75	491.61	500.39	501.92	2.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	11-1	505.45	493.65	509.39	502.83	1.63	ppb
Boron	10-1	504.27	489.61	514.73	502.87	2.51	ppb
Cadmium	106-1	516.36	505.83	512.56	511.59	1.04	ppb
Cadmium	108-1	518.97	506.00	509.26	511.41	1.32	ppb
Cadmium	111-1	509.74	501.08	503.87	504.90	0.88	ppb
Calcium	43-1	48026.38	48063.76	48277.41	48122.52	0.28	ppb
Calcium	44-1	47957.44	47795.01	48059.66	47937.37	0.28	ppb
Chromium	52-2	530.38	510.82	500.73	513.98	2.93	ppb
Cobalt	59-2	518.79	500.91	490.93	503.54	2.80	ppb
Copper	63-2	1056.59	1016.62	1000.74	1024.65	2.81	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				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	25738.67	24552.74	24168.78	24820.07	3.30	ppb
Iron	57-2	25409.76	24229.50	24061.70	24566.99	2.99	ppb
Krypton	83-1						ppb
Lead	207-1	511.42	497.34	510.10	506.29	1.54	ppb
Lead	208-1	510.70	499.39	507.38	505.82	1.15	ppb
Lead	206-1	514.87	500.63	507.30	507.60	1.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	52245.02	50390.82	49127.99	50587.94	3.10	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1058.82	1028.00	1005.92	1030.91	2.58	ppb
Molybdenum	94-1	2546.32	2497.37	2540.25	2527.98	1.06	ppb
Molybdenum	95-1	2543.16	2502.97	2520.82	2522.32	0.80	ppb
Molybdenum	96-1	2527.00	2503.98	2519.62	2516.87	0.47	ppb
Molybdenum	97-1	2538.31	2517.72	2554.06	2536.70	0.72	ppb
Molybdenum	98-1	2533.48	2507.10	2513.29	2517.96	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.92	516.88	506.18	519.99	3.00	ppb
Phosphorus	31-2	10995.61	10016.23	10139.07	10383.64	5.14	ppb
Potassium	39-2	24541.15	23702.46	23066.19	23769.93	3.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	557.81	501.14	438.85	499.27	11.92	ppb
Selenium	78-2	515.61	514.14	492.81	507.52	2.51	ppb
Selenium	82-1	509.55	505.13	508.05	507.58	0.44	ppb
Silicon	28-1	586.97	586.71	593.20	588.96	0.62	ppb
Silver	109-1	521.63	512.22	508.73	514.20	1.30	ppb
Silver	107-1	519.90	507.89	512.98	513.59	1.17	ppb
Sodium	23-2	51574.77	49505.41	48634.03	49904.74	3.03	ppb
Strontium	86-1	502.53	495.63	502.92	500.36	0.82	ppb
Strontium	88-1	510.40	496.37	502.68	503.15	1.40	ppb
Sulfur	34-1	10312.26	10192.23	10115.32	10206.60	0.97	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	516.25	502.17	504.50	507.64	1.49	ppb
Thallium	205-1	509.61	494.39	504.22	502.74	1.53	ppb
Tin	118-1	518.33	504.17	507.43	509.98	1.45	ppb
Titanium	47-1	2556.46	2541.91	2526.02	2541.46	0.60	ppb
Uranium	238-1	498.28	486.65	491.97	492.30	1.18	ppb
Vanadium	51-2	526.95	512.19	497.55	512.23	2.87	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	1063.40	1031.75	1000.28	1031.81	3.06	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.67	498.84	506.76	504.76	1.03	ppb
Zirconium	91-1	512.72	500.14	500.03	504.30	1.45	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18643.92	18459.94	18131.29	18411.72	1.41	ppb
Antimony	121-1	997.58	982.12	996.70	992.14	0.88	ppb
Arsenic	75-1	1008.24	986.97	1005.03	1000.08	1.15	ppb
Barium	135-1	5026.92	4883.27	4984.82	4965.00	1.49	ppb
Barium	137-1	4991.73	4928.31	4996.30	4972.12	0.76	ppb
Beryllium	9-1	999.38	1000.96	988.95	996.43	0.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	11-1	980.97	1005.38	1006.56	997.64	1.45	ppb
Boron	10-1	965.71	1009.46	1015.78	996.98	2.74	ppb
Cadmium	106-1	989.50	987.83	992.69	990.01	0.25	ppb
Cadmium	108-1	992.26	981.23	994.39	989.29	0.71	ppb
Cadmium	111-1	991.28	987.26	1004.78	994.44	0.92	ppb
Calcium	43-1	97398.14	97609.66	98575.41	97861.07	0.64	ppb
Calcium	44-1	95338.18	94440.47	95749.51	95176.06	0.70	ppb
Chromium	52-2	1000.33	985.75	978.10	988.06	1.14	ppb
Cobalt	59-2	1009.48	998.17	985.80	997.82	1.19	ppb
Copper	63-2	2002.73	1988.31	1961.27	1984.10	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				109		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	48399.02	48014.65	47475.24	47962.97	0.97	ppb
Iron	57-2	47917.86	47735.29	47177.07	47610.07	0.81	ppb
Krypton	83-1						ppb
Lead	207-1	995.29	1000.59	996.09	997.32	0.29	ppb
Lead	208-1	991.12	999.64	998.86	996.54	0.47	ppb
Lead	206-1	986.96	998.93	1003.10	996.33	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	98293.86	97414.11	95988.20	97232.06	1.20	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2004.08	1981.99	1952.36	1979.48	1.31	ppb
Molybdenum	94-1	4937.47	4991.43	5005.54	4978.14	0.72	ppb
Molybdenum	95-1	4951.55	4990.15	5000.63	4980.78	0.52	ppb
Molybdenum	96-1	4933.92	5024.28	5001.68	4986.63	0.94	ppb
Molybdenum	97-1	4930.13	4996.97	4989.55	4972.22	0.74	ppb
Molybdenum	98-1	4980.58	5019.61	4966.39	4988.86	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.14	989.27	973.74	985.38	1.04	ppb
Phosphorus	31-2	20473.05	18921.26	19604.98	19666.43	3.95	ppb
Potassium	39-2	45856.23	45375.74	44551.17	45261.05	1.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	996.20	937.41	1037.87	990.49	5.10	ppb
Selenium	78-2	996.82	983.91	999.57	993.43	0.84	ppb
Selenium	82-1	987.74	993.59	998.68	993.34	0.55	ppb
Silicon	28-1	947.11	934.69	956.16	945.99	1.14	ppb
Silver	109-1	994.92	974.83	991.85	987.20	1.10	ppb
Silver	107-1	990.82	980.03	990.75	987.20	0.63	ppb
Sodium	23-2	96360.16	95302.20	93951.57	95204.64	1.27	ppb
Strontium	86-1	990.90	1000.84	1006.04	999.26	0.77	ppb
Strontium	88-1	992.03	999.57	998.22	996.61	0.40	ppb
Sulfur	34-1	19927.72	19379.78	20153.91	19820.47	2.01	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	992.31	999.04	994.89	995.41	0.34	ppb
Thallium	205-1	994.47	1002.56	995.43	997.49	0.44	ppb
Tin	118-1	992.32	987.04	997.65	992.34	0.53	ppb
Titanium	47-1	4969.02	4921.92	5027.43	4972.79	1.06	ppb
Uranium	238-1	1000.04	1008.96	1007.96	1005.65	0.49	ppb
Vanadium	51-2	1003.31	993.05	979.38	991.91	1.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	1996.60	1987.38	1954.14	1979.37	1.13	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	990.04	1004.54	992.13	995.57	0.79	ppb
Zirconium	91-1	988.05	1004.20	1002.86	998.37	0.90	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101330.42	104429.34	95373.07	100377.61	4.59	ppb
Antimony	121-1	2.88	2.64	2.68	2.74	4.75	ppb
Arsenic	75-1	1.57	1.54	1.65	1.59	3.52	ppb
Barium	135-1	1.27	1.41	1.30	1.33	5.23	ppb
Barium	137-1	1.34	1.33	1.28	1.32	2.32	ppb
Beryllium	9-1	0.58	0.45	0.52	0.52	12.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	11-1	53.22	45.88	43.38	47.50	10.77	ppb
Boron	10-1	55.10	46.48	43.01	48.20	12.92	ppb
Cadmium	106-1	-1.15	-1.30	-0.44	-0.96		ppb
Cadmium	108-1	0.18	0.07	0.15	0.13	43.82	ppb
Cadmium	111-1	0.05	0.05	0.09	0.06	42.63	ppb
Calcium	43-1	499788.50	498123.19	504072.45	500661.38	0.61	ppb
Calcium	44-1	502490.86	497262.61	503915.45	501222.98	0.70	ppb
Chromium	52-2	47.78	48.62	44.96	47.12	4.07	ppb
Cobalt	59-2	12.78	13.00	12.08	12.62	3.81	ppb
Copper	63-2	4.11	4.60	4.01	4.24	7.52	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				106		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				88		%
Iron	56-2	252267.29	260579.86	238441.81	250429.65	4.47	ppb
Iron	57-2	253432.32	262125.32	236051.90	250536.51	5.30	ppb
Krypton	83-1						ppb
Lead	207-1	0.89	0.84	0.91	0.88	4.08	ppb
Lead	208-1	0.95	0.94	0.93	0.94	1.42	ppb
Lead	206-1	0.99	1.00	0.96	0.98	2.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	504778.14	520023.50	476714.52	500505.38	4.39	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.76	13.13	11.78	12.56	5.54	ppb
Molybdenum	94-1	6.25	5.94	5.89	6.03	3.27	ppb
Molybdenum	95-1	7.78	8.02	7.79	7.86	1.71	ppb
Molybdenum	96-1	8.11	8.16	8.05	8.11	0.65	ppb
Molybdenum	97-1	7.95	7.91	7.71	7.85	1.67	ppb
Molybdenum	98-1	7.89	7.79	7.82	7.83	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.79	38.93	35.16	37.29	5.19	ppb
Phosphorus	31-2	-9.03	31.79	28.52	17.09	132.67	ppb
Potassium	39-2	254027.28	262817.65	236440.46	251095.13	5.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	9.30	4.77	0.00	4.69	99.17	ppb
Selenium	78-2	-0.23	0.57	-0.23	0.04	1255.40	ppb
Selenium	82-1	1.02	0.41	0.74	0.72	41.89	ppb
Silicon	28-1	71.56	74.48	75.58	73.87	2.81	ppb
Silver	109-1	0.10	0.11	0.10	0.10	3.45	ppb
Silver	107-1	0.11	0.11	0.10	0.11	4.02	ppb
Sodium	23-2	507290.98	520336.71	475287.47	500971.72	4.63	ppb
Strontium	86-1	4.63	4.26	4.47	4.45	4.11	ppb
Strontium	88-1	4.54	4.56	4.59	4.56	0.48	ppb
Sulfur	34-1	-209.22	-559.22	-377.17	-381.87		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.49	0.48	0.47	0.48	2.38	ppb
Thallium	205-1	0.49	0.45	0.45	0.46	5.35	ppb
Tin	118-1	1.20	1.17	1.12	1.16	3.76	ppb
Titanium	47-1	1.04	1.13	0.88	1.01	12.41	ppb
Uranium	238-1	0.13	0.11	0.10	0.11	14.84	ppb
Vanadium	51-2	0.61	0.60	0.43	0.55	18.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	12.69	12.83	12.08	12.53	3.17	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.20	0.18	0.19	8.35	ppb
Zirconium	91-1	0.24	0.18	0.17	0.20	19.43	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	454.33	448.10	449.36	450.60	0.73	ppb
Antimony	121-1	200.73	198.60	201.79	200.37	0.81	ppb
Arsenic	75-1	191.06	190.23	194.15	191.82	1.08	ppb
Barium	135-1	98.75	96.75	99.55	98.35	1.47	ppb
Barium	137-1	98.77	98.59	100.17	99.18	0.88	ppb
Beryllium	9-1	100.22	96.47	100.52	99.07	2.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	11-1	16.02	16.17	14.89	15.69	4.44	ppb
Boron	10-1	15.05	15.84	16.38	15.76	4.25	ppb
Cadmium	106-1	84.07	86.49	89.57	86.71	3.18	ppb
Cadmium	108-1	93.30	87.41	92.62	91.11	3.54	ppb
Cadmium	111-1	99.65	98.44	100.77	99.62	1.17	ppb
Calcium	43-1	1886.12	1884.58	1904.45	1891.72	0.58	ppb
Calcium	44-1	1875.39	1866.39	1924.76	1888.85	1.66	ppb
Chromium	52-2	97.02	93.00	95.32	95.11	2.12	ppb
Cobalt	59-2	96.27	95.19	97.17	96.21	1.03	ppb
Copper	63-2	98.39	96.05	98.20	97.55	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				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	944.96	938.50	958.34	947.27	1.07	ppb
Iron	57-2	991.24	949.36	951.59	964.06	2.44	ppb
Krypton	83-1						ppb
Lead	207-1	190.47	185.66	189.86	188.66	1.39	ppb
Lead	208-1	196.70	193.01	197.12	195.61	1.16	ppb
Lead	206-1	198.23	193.22	200.51	197.32	1.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	1209.80	1125.80	1159.03	1164.87	3.63	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:45:45 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.31	92.49	97.48	95.09	2.63	ppb
Molybdenum	94-1	0.35	0.32	0.35	0.34	4.35	ppb
Molybdenum	95-1	0.26	0.31	0.27	0.28	9.13	ppb
Molybdenum	96-1	0.32	0.32	0.30	0.31	2.57	ppb
Molybdenum	97-1	0.24	0.23	0.19	0.22	11.38	ppb
Molybdenum	98-1	0.34	0.30	0.26	0.30	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.03	97.15	99.27	98.48	1.18	ppb
Phosphorus	31-2	-9.03	-9.03	-9.03	-9.03		ppb
Potassium	39-2	1915.50	1888.05	1904.89	1902.81	0.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	231.06	155.47	176.74	187.76	20.76	ppb
Selenium	78-2	207.08	206.24	194.00	202.44	3.62	ppb
Selenium	82-1	201.91	202.08	200.34	201.44	0.47	ppb
Silicon	28-1	-2.91	-3.11	-2.45	-2.82		ppb
Silver	109-1	98.27	97.45	99.05	98.26	0.81	ppb
Silver	107-1	97.65	97.05	98.71	97.80	0.86	ppb
Sodium	23-2	2007.25	1962.97	2022.89	1997.70	1.56	ppb
Strontium	86-1	2.15	2.31	2.20	2.22	3.60	ppb
Strontium	88-1	2.24	2.23	2.25	2.24	0.37	ppb
Sulfur	34-1	-1060.15	-1129.18	-1049.29	-1079.54		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	196.22	198.44	198.61	197.76	0.67	ppb
Thallium	205-1	202.13	198.24	202.30	200.89	1.14	ppb
Tin	118-1	0.13	0.12	0.08	0.11	25.75	ppb
Titanium	47-1	0.09	0.19	0.16	0.15	34.21	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	96.53	94.40	96.28	95.74	1.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	197.73	192.46	196.71	195.63	1.43	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.09	0.08	8.92	ppb
Zirconium	91-1	0.15	0.12	0.14	0.14	10.85	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:52:27	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.62	20.35	19.70	19.56	4.46	ppb
Antimony	121-1	2.39	2.25	2.26	2.30	3.41	ppb
Arsenic	75-1	0.88	0.86	0.94	0.89	5.10	ppb
Barium	135-1	9.77	10.00	9.95	9.91	1.21	ppb
Barium	137-1	9.83	9.97	9.87	9.89	0.72	ppb
Beryllium	9-1	1.13	1.12	1.13	1.13	0.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	29.34	29.12	31.81	30.09	4.96	ppb
Boron	10-1	28.98	30.72	29.88	29.86	2.91	ppb
Cadmium	106-1	0.65	0.71	0.90	0.75	17.40	ppb
Cadmium	108-1	0.92	1.01	1.12	1.02	9.70	ppb
Cadmium	111-1	0.95	0.94	1.04	0.98	5.61	ppb
Calcium	43-1	448.55	466.50	455.54	456.86	1.98	ppb
Calcium	44-1	451.39	455.35	452.51	453.08	0.45	ppb
Chromium	52-2	2.09	1.93	2.18	2.07	6.14	ppb
Cobalt	59-2	0.88	1.02	0.93	0.94	7.45	ppb
Copper	63-2	1.96	2.00	2.02	2.00	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				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	48.74	50.36	48.49	49.20	2.07	ppb
Iron	57-2	46.21	46.09	46.40	46.23	0.34	ppb
Krypton	83-1						ppb
Lead	207-1	0.99	0.99	0.99	0.99	0.29	ppb
Lead	208-1	0.98	1.00	1.00	1.00	1.12	ppb
Lead	206-1	0.97	0.99	0.95	0.97	1.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	494.76	493.26	478.89	488.97	1.79	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:52:27	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.86	1.06	0.96	0.96	10.47	ppb
Molybdenum	94-1	5.03	5.01	4.71	4.92	3.62	ppb
Molybdenum	95-1	4.91	4.84	4.81	4.85	1.07	ppb
Molybdenum	96-1	4.89	5.08	4.97	4.98	1.91	ppb
Molybdenum	97-1	4.75	4.92	4.91	4.86	1.95	ppb
Molybdenum	98-1	4.80	4.80	4.78	4.79	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.89	0.95	0.97	10.27	ppb
Phosphorus	31-2	-9.03	-9.03	7.88	-3.39		ppb
Potassium	39-2	513.03	509.81	468.19	497.01	5.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	15.90	0.00	7.96	7.95	99.97	ppb
Selenium	78-2	4.47	5.15	5.14	4.92	7.97	ppb
Selenium	82-1	5.02	5.34	4.84	5.07	4.97	ppb
Silicon	28-1	6.85	6.74	6.21	6.60	5.17	ppb
Silver	109-1	0.99	1.02	1.02	1.01	1.59	ppb
Silver	107-1	0.97	1.00	1.01	0.99	2.19	ppb
Sodium	23-2	523.91	539.54	515.97	526.47	2.28	ppb
Strontium	86-1	0.96	0.95	0.89	0.93	4.18	ppb
Strontium	88-1	0.99	0.98	0.98	0.98	0.49	ppb
Sulfur	34-1	-1171.00	-1349.40	-1188.23	-1236.21		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1.03	1.04	0.98	1.02	3.26	ppb
Thallium	205-1	1.05	1.05	1.05	1.05	0.35	ppb
Tin	118-1	5.09	5.04	4.89	5.01	2.06	ppb
Titanium	47-1	5.05	4.88	5.11	5.02	2.39	ppb
Uranium	238-1	0.92	0.88	0.90	0.90	2.49	ppb
Vanadium	51-2	4.87	5.03	4.69	4.86	3.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2.08	2.13	2.17	2.13	2.14	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:52:27	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.98	0.96	0.97	1.32	ppb
Zirconium	91-1	1.02	1.03	0.92	0.99	6.24	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:55:49 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.06	0.06	0.06	6.95	ppb
Antimony	121-1	0.12	0.15	0.14	0.14	12.08	ppb
Arsenic	75-1	-0.06	-0.01	-0.01	-0.02		ppb
Barium	135-1	-0.08	-0.05	-0.06	-0.06		ppb
Barium	137-1	-0.06	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	0.03	0.11	0.09	0.08	55.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	7.53	7.41	7.46	7.47	0.80	ppb
Boron	10-1	7.65	8.29	5.46	7.13	20.81	ppb
Cadmium	106-1	-1.36	-0.65	-1.23	-1.08		ppb
Cadmium	108-1	-0.07	-0.02	-0.05	-0.05		ppb
Cadmium	111-1	-0.12	-0.07	-0.11	-0.10		ppb
Calcium	43-1	-1.22	-0.52	0.45	-0.43		ppb
Calcium	44-1	-2.61	-3.46	-2.29	-2.79		ppb
Chromium	52-2	-0.02	-0.02	0.06	0.00	1275.07	ppb
Cobalt	59-2	-0.05	-0.05	-0.05	-0.05		ppb
Copper	63-2	-0.01	-0.04	-0.08	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	0.98	0.93	0.67	0.86	19.23	ppb
Iron	57-2	-0.39	-1.73	2.30	0.06	3639.76	ppb
Krypton	83-1						ppb
Lead	207-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.01	0.00	0.00	0.00	120.70	ppb
Lead	206-1	0.02	0.00	0.00	0.00	313.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	8.09	3.04	4.27	5.13	51.35	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:55:49	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.18	-0.20	-0.18		ppb
Molybdenum	94-1	0.02	0.04	0.08	0.05	64.50	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	20.95	ppb
Molybdenum	96-1	0.03	0.04	0.07	0.05	47.93	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	12.99	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	23.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.02	0.03	-0.02		ppb
Phosphorus	31-2	24.88	41.78	7.95	24.87	68.01	ppb
Potassium	39-2	9.24	25.18	15.37	16.60	48.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.11	0.44	-0.23	0.44	152.20	ppb
Selenium	82-1	0.17	0.20	0.28	0.22	25.90	ppb
Silicon	28-1	-8.31	-8.22	-8.46	-8.33		ppb
Silver	109-1	0.01	0.00	0.00	0.00	128.46	ppb
Silver	107-1	0.00	0.01	0.01	0.00	220.31	ppb
Sodium	23-2	43.22	40.10	46.79	43.37	7.72	ppb
Strontium	86-1	0.00	-0.08	0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1090.12	-1064.25	-973.55	-1042.64		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.08	0.08	0.07	13.74	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.38	ppb
Tin	118-1	0.03	0.06	0.03	0.04	53.64	ppb
Titanium	47-1	-0.03	0.06	-0.02	0.00	2007.86	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.03	-0.04	-0.03	-0.03		ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	-0.02	-0.14	0.06	-0.03		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:55:49	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	16.53	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	71.73	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:59:11 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87051.63	86187.32	85010.74	86083.23	1.19	ppb
Antimony	121-1	1.15	1.20	1.22	1.19	3.24	ppb
Arsenic	75-1	1.27	1.44	1.49	1.40	8.13	ppb
Barium	135-1	1.32	1.34	1.35	1.34	1.21	ppb
Barium	137-1	1.32	1.41	1.51	1.41	6.88	ppb
Beryllium	9-1	0.25	0.31	0.28	0.28	10.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	11-1	8.10	8.49	8.00	8.20	3.13	ppb
Boron	10-1	8.70	7.68	5.54	7.31	22.08	ppb
Cadmium	106-1	-1.36	-1.20	-1.84	-1.47		ppb
Cadmium	108-1	7.48	8.12	7.84	7.81	4.09	ppb
Cadmium	111-1	0.26	0.17	0.17	0.20	27.53	ppb
Calcium	43-1	95235.88	94149.71	95907.01	95097.53	0.93	ppb
Calcium	44-1	92790.35	92162.39	94029.20	92993.98	1.02	ppb
Chromium	52-2	22.44	21.87	21.50	21.94	2.15	ppb
Cobalt	59-2	1.19	1.13	1.13	1.15	2.96	ppb
Copper	63-2	7.68	7.87	7.56	7.71	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	97135.41	96210.54	94457.01	95934.32	1.42	ppb
Iron	57-2	96017.01	94872.74	93260.98	94716.91	1.46	ppb
Krypton	83-1						ppb
Lead	207-1	4.07	3.97	4.03	4.02	1.19	ppb
Lead	208-1	4.35	4.24	4.34	4.31	1.45	ppb
Lead	206-1	4.79	4.56	4.76	4.70	2.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	97925.06	96241.12	95965.21	96710.47	1.10	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:59:11	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.70	8.37	6.68	7.59	11.24	ppb
Molybdenum	94-1	1338.80	1344.45	1370.33	1351.19	1.24	ppb
Molybdenum	95-1	1919.24	1894.29	1935.34	1916.29	1.08	ppb
Molybdenum	96-1	1841.05	1832.26	1864.25	1845.85	0.90	ppb
Molybdenum	97-1	1927.05	1902.84	1948.08	1925.99	1.18	ppb
Molybdenum	98-1	1896.88	1887.83	1920.60	1901.77	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.63	6.49	6.21	6.44	3.28	ppb
Phosphorus	31-2	100835.91	99452.27	97510.75	99266.31	1.68	ppb
Potassium	39-2	95650.07	94845.71	93427.70	94641.16	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	1.22	-0.23	0.50	145.54	ppb
Selenium	82-1	0.05	0.05	-0.39	-0.09		ppb
Silicon	28-1	22.57	20.81	23.04	22.14	5.31	ppb
Silver	109-1	0.04	0.06	0.07	0.06	19.23	ppb
Silver	107-1	0.06	0.04	0.07	0.05	24.09	ppb
Sodium	23-2	97998.45	95809.99	93892.33	95900.25	2.14	ppb
Strontium	86-1	32.96	32.80	33.17	32.98	0.57	ppb
Strontium	88-1	33.15	33.21	33.54	33.30	0.62	ppb
Sulfur	34-1	79129.47	78184.61	80591.87	79301.98	1.53	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.11	0.13	0.12	10.23	ppb
Thallium	205-1	0.12	0.14	0.14	0.13	9.20	ppb
Tin	118-1	0.16	0.18	0.16	0.16	6.20	ppb
Titanium	47-1	1988.37	1974.82	2029.72	1997.64	1.43	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	0.06	0.06	0.12	0.08	40.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	12.33	11.11	10.81	11.42	7.03	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:59:11	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.28	0.27	0.29	9.35	ppb
Zirconium	91-1	0.31	0.30	0.21	0.28	19.91	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85688.49	84782.82	85602.60	85357.97	0.59	ppb
Antimony	121-1	20.43	20.68	20.43	20.51	0.71	ppb
Arsenic	75-1	20.62	19.92	20.31	20.28	1.72	ppb
Barium	135-1	21.00	20.99	21.15	21.05	0.43	ppb
Barium	137-1	21.14	21.17	20.97	21.10	0.51	ppb
Beryllium	9-1	20.12	20.49	20.48	20.36	1.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	11-1	6.57	6.03	6.02	6.21	5.09	ppb
Boron	10-1	5.98	6.26	6.23	6.16	2.52	ppb
Cadmium	106-1	15.37	17.24	14.75	15.79	8.22	ppb
Cadmium	108-1	25.05	24.71	26.41	25.39	3.53	ppb
Cadmium	111-1	19.00	19.00	18.71	18.90	0.88	ppb
Calcium	43-1	94478.38	94750.64	93291.98	94173.66	0.82	ppb
Calcium	44-1	93562.29	93459.21	91436.59	92819.36	1.29	ppb
Chromium	52-2	41.53	41.55	41.87	41.65	0.46	ppb
Cobalt	59-2	20.86	20.67	20.99	20.84	0.76	ppb
Copper	63-2	27.24	26.93	27.37	27.18	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	95374.22	94875.55	94509.07	94919.61	0.46	ppb
Iron	57-2	94403.78	92945.12	93728.60	93692.50	0.78	ppb
Krypton	83-1						ppb
Lead	207-1	22.88	22.64	22.31	22.61	1.26	ppb
Lead	208-1	23.56	23.68	23.28	23.51	0.87	ppb
Lead	206-1	24.73	25.01	24.53	24.76	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	96384.99	94962.75	95529.05	95625.60	0.75	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.09	26.80	27.96	27.62	2.58	ppb
Molybdenum	94-1	1323.19	1343.82	1324.36	1330.46	0.87	ppb
Molybdenum	95-1	1927.96	1908.78	1900.58	1912.44	0.73	ppb
Molybdenum	96-1	1843.28	1826.21	1832.67	1834.05	0.47	ppb
Molybdenum	97-1	1916.05	1908.73	1912.43	1912.40	0.19	ppb
Molybdenum	98-1	1891.51	1893.78	1883.86	1889.72	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.20	25.58	26.98	26.25	2.67	ppb
Phosphorus	31-2	100013.74	99298.02	99768.41	99693.39	0.36	ppb
Potassium	39-2	95506.92	94834.79	93867.33	94736.35	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	37.94	21.41	21.44	26.93	35.40	ppb
Selenium	78-2	19.69	20.00	15.69	18.46	13.01	ppb
Selenium	82-1	20.58	19.40	19.73	19.90	3.04	ppb
Silicon	28-1	22.61	22.13	21.69	22.14	2.08	ppb
Silver	109-1	17.99	18.23	18.03	18.08	0.72	ppb
Silver	107-1	18.09	18.12	17.66	17.96	1.43	ppb
Sodium	23-2	94966.41	95090.67	95085.41	95047.50	0.07	ppb
Strontium	86-1	33.09	32.36	33.48	32.98	1.72	ppb
Strontium	88-1	33.23	33.14	33.18	33.18	0.14	ppb
Sulfur	34-1	79638.89	79155.50	78165.91	78986.77	0.95	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	19.71	20.27	19.44	19.81	2.15	ppb
Thallium	205-1	20.02	20.40	19.92	20.11	1.26	ppb
Tin	118-1	0.10	0.13	0.13	0.12	10.23	ppb
Titanium	47-1	1998.82	2028.53	1956.80	1994.71	1.81	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	20.13	19.44	19.50	19.69	1.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	30.84	28.41	31.55	30.27	5.44	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.13	0.14	0.14	9.47	ppb
Zirconium	91-1	0.19	0.14	0.22	0.18	21.30	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52900.59	50295.05	49854.17	51016.60	3.23	ppb
Antimony	121-1	505.82	524.29	521.28	517.13	1.92	ppb
Arsenic	75-1	481.56	501.10	505.33	496.00	2.56	ppb
Barium	135-1	2585.05	2653.40	2599.13	2612.53	1.38	ppb
Barium	137-1	2546.43	2615.80	2593.73	2585.32	1.37	ppb
Beryllium	9-1	520.05	538.70	530.83	529.86	1.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	11-1	516.24	543.82	546.93	535.66	3.15	ppb
Boron	10-1	512.20	546.37	545.54	534.70	3.65	ppb
Cadmium	106-1	496.20	512.52	509.73	506.15	1.72	ppb
Cadmium	108-1	499.52	510.28	508.94	506.25	1.16	ppb
Cadmium	111-1	490.14	500.21	502.59	497.65	1.33	ppb
Calcium	43-1	236293.62	243501.66	243974.17	241256.48	1.78	ppb
Calcium	44-1	232216.48	242005.25	242146.11	238789.28	2.38	ppb
Chromium	52-2	546.04	517.09	514.77	525.97	3.31	ppb
Cobalt	59-2	503.37	478.74	475.36	485.82	3.15	ppb
Copper	63-2	987.13	942.76	941.99	957.29	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	124827.75	119534.07	118192.70	120851.51	2.90	ppb
Iron	57-2	126162.49	119625.78	119677.61	121821.96	3.09	ppb
Krypton	83-1						ppb
Lead	207-1	515.26	527.46	535.11	525.94	1.90	ppb
Lead	208-1	512.82	525.08	533.40	523.77	1.98	ppb
Lead	206-1	517.29	528.32	532.31	525.97	1.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	245323.04	233850.06	230871.26	236681.45	3.22	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1038.01	1000.07	994.62	1010.90	2.34	ppb
Molybdenum	94-1	2503.87	2590.26	2624.39	2572.84	2.41	ppb
Molybdenum	95-1	2518.96	2595.88	2605.66	2573.50	1.85	ppb
Molybdenum	96-1	2503.94	2582.66	2592.79	2559.80	1.90	ppb
Molybdenum	97-1	2511.00	2574.35	2592.94	2559.43	1.68	ppb
Molybdenum	98-1	2502.49	2580.44	2581.35	2554.76	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.71	495.89	493.44	503.34	3.00	ppb
Phosphorus	31-2	11481.55	10241.12	10242.36	10655.01	6.72	ppb
Potassium	39-2	126072.90	119710.50	118809.43	121530.94	3.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	482.19	515.43	497.84	498.49	3.34	ppb
Selenium	78-2	535.44	525.25	511.90	524.20	2.25	ppb
Selenium	82-1	496.41	513.91	514.02	508.11	1.99	ppb
Silicon	28-1	515.65	553.21	559.38	542.75	4.36	ppb
Silver	109-1	504.59	517.83	512.88	511.77	1.31	ppb
Silver	107-1	501.56	514.28	513.04	509.63	1.38	ppb
Sodium	23-2	248349.64	237424.98	234265.01	240013.21	3.08	ppb
Strontium	86-1	497.65	509.25	513.45	506.78	1.61	ppb
Strontium	88-1	502.05	516.32	522.36	513.58	2.03	ppb
Sulfur	34-1	8281.70	8993.00	9008.03	8760.91	4.74	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	512.23	526.11	533.71	524.02	2.08	ppb
Thallium	205-1	507.62	517.56	532.49	519.22	2.41	ppb
Tin	118-1	514.41	525.79	527.83	522.68	1.38	ppb
Titanium	47-1	2514.99	2637.44	2634.88	2595.77	2.70	ppb
Uranium	238-1	507.99	522.90	527.68	519.53	1.98	ppb
Vanadium	51-2	528.76	504.06	501.57	511.46	2.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1008.25	959.00	962.25	976.50	2.82	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.34	521.43	528.56	519.78	1.87	ppb
Zirconium	91-1	506.35	519.53	523.56	516.48	1.74	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB62 Instrumnet Name : P8
 Client Sample ID : CCB62 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:08:57 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	2.79	0.67	1.50	75.71	ppb
Antimony	121-1	1.11	1.02	0.92	1.01	9.05	ppb
Arsenic	75-1	0.11	0.08	0.10	0.10	16.18	ppb
Barium	135-1	0.06	0.02	-0.05	0.01	702.24	ppb
Barium	137-1	-0.01	0.01	-0.03	-0.01		ppb
Beryllium	9-1	0.28	0.16	0.20	0.21	27.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	11-1	19.67	17.48	17.17	18.10	7.53	ppb
Boron	10-1	21.24	17.55	18.80	19.20	9.77	ppb
Cadmium	106-1	-1.12	-0.74	-0.98	-0.95		ppb
Cadmium	108-1	-0.02	0.01	0.09	0.03	207.11	ppb
Cadmium	111-1	-0.06	-0.05	-0.08	-0.06		ppb
Calcium	43-1	5.81	-2.30	-4.68	-0.39		ppb
Calcium	44-1	7.35	4.63	4.83	5.60	27.12	ppb
Chromium	52-2	0.04	0.02	0.00	0.02	117.34	ppb
Cobalt	59-2	-0.03	-0.06	-0.05	-0.05		ppb
Copper	63-2	0.06	0.04	0.02	0.04	54.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	5.31	4.32	4.07	4.57	14.41	ppb
Iron	57-2	5.33	6.80	1.68	4.60	57.33	ppb
Krypton	83-1						ppb
Lead	207-1	0.03	0.04	0.03	0.03	18.95	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.94	ppb
Lead	206-1	0.07	0.05	0.04	0.05	27.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	8.23	12.69	7.95	9.62	27.63	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:57	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.22	-0.15	-0.16		ppb
Molybdenum	94-1	0.91	0.70	0.79	0.80	13.51	ppb
Molybdenum	95-1	0.85	0.80	0.72	0.79	8.13	ppb
Molybdenum	96-1	0.90	0.83	0.77	0.83	7.63	ppb
Molybdenum	97-1	0.90	0.71	0.74	0.78	12.89	ppb
Molybdenum	98-1	0.84	0.78	0.70	0.77	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.12	-0.02	-0.06		ppb
Phosphorus	31-2	-9.03	9.47	9.45	3.30	323.48	ppb
Potassium	39-2	44.54	35.82	38.07	39.47	11.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.92	-0.23	0.48	255.85	ppb
Selenium	82-1	-0.03	0.20	-0.67	-0.17		ppb
Silicon	28-1	-5.92	-8.11	-7.33	-7.12		ppb
Silver	109-1	0.05	0.04	0.05	0.05	6.59	ppb
Silver	107-1	0.06	0.05	0.04	0.05	17.31	ppb
Sodium	23-2	80.74	75.44	79.23	78.47	3.48	ppb
Strontium	86-1	0.06	0.01	-0.02	0.02	265.09	ppb
Strontium	88-1	0.02	0.01	0.00	0.01	53.98	ppb
Sulfur	34-1	-1624.10	-1782.71	-1672.63	-1693.15		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.19	0.15	0.18	13.56	ppb
Thallium	205-1	0.21	0.19	0.16	0.18	13.62	ppb
Tin	118-1	0.23	0.21	0.15	0.19	22.35	ppb
Titanium	47-1	0.09	0.14	0.11	0.11	24.33	ppb
Uranium	238-1	-0.04	-0.04	-0.05	-0.05		ppb
Vanadium	51-2	-0.03	-0.03	-0.04	-0.03		ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	-0.09	-0.12	0.12	-0.03		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:57	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.10	0.12	20.23	ppb
Zirconium	91-1	0.11	0.10	0.09	0.10	12.27	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:12:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.50	17.86	15.76	18.71	18.45	ppb
Antimony	121-1	2.16	2.31	2.26	2.24	3.44	ppb
Arsenic	75-1	0.85	1.07	1.04	0.99	12.07	ppb
Barium	135-1	9.62	9.96	9.19	9.59	4.02	ppb
Barium	137-1	9.72	10.06	9.48	9.76	2.98	ppb
Beryllium	9-1	1.00	1.30	1.09	1.13	13.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	30.47	32.76	31.58	31.60	3.62	ppb
Boron	10-1	33.13	31.33	33.01	32.49	3.10	ppb
Cadmium	106-1	-0.05	-1.22	-0.61	-0.62		ppb
Cadmium	108-1	0.92	1.03	0.86	0.94	9.41	ppb
Cadmium	111-1	0.87	0.85	0.80	0.84	4.25	ppb
Calcium	43-1	457.86	472.38	456.71	462.32	1.89	ppb
Calcium	44-1	453.51	465.53	444.54	454.53	2.32	ppb
Chromium	52-2	2.04	2.04	1.89	1.99	4.47	ppb
Cobalt	59-2	0.94	0.95	0.94	0.94	0.53	ppb
Copper	63-2	2.14	1.94	2.03	2.04	4.95	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				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	50.56	50.39	50.05	50.33	0.52	ppb
Iron	57-2	56.38	50.46	42.33	49.73	14.19	ppb
Krypton	83-1						ppb
Lead	207-1	0.98	0.99	0.98	0.99	0.51	ppb
Lead	208-1	0.99	1.00	0.98	0.99	1.43	ppb
Lead	206-1	1.01	1.06	0.99	1.02	3.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	477.76	490.74	500.41	489.64	2.32	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:12:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.14	0.90	1.20	1.08	14.76	ppb
Molybdenum	94-1	5.58	5.33	5.33	5.41	2.65	ppb
Molybdenum	95-1	5.08	4.85	4.91	4.95	2.48	ppb
Molybdenum	96-1	5.11	5.28	5.15	5.18	1.71	ppb
Molybdenum	97-1	4.94	5.12	4.83	4.96	3.02	ppb
Molybdenum	98-1	5.04	5.14	4.96	5.05	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.07	1.19	1.14	5.41	ppb
Phosphorus	31-2	9.20	27.83	9.06	15.36	70.29	ppb
Potassium	39-2	484.32	498.84	503.71	495.62	2.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	21.10	4.21	12.45	12.59	67.13	ppb
Selenium	78-2	7.60	5.45	6.77	6.61	16.41	ppb
Selenium	82-1	5.17	5.21	5.48	5.29	3.26	ppb
Silicon	28-1	4.73	6.41	4.36	5.17	21.09	ppb
Silver	109-1	0.95	1.05	0.98	0.99	4.91	ppb
Silver	107-1	0.96	1.02	0.93	0.97	5.14	ppb
Sodium	23-2	539.82	534.25	531.94	535.34	0.76	ppb
Strontium	86-1	0.99	1.03	0.91	0.97	6.05	ppb
Strontium	88-1	1.00	0.97	1.00	0.99	1.62	ppb
Sulfur	34-1	-1647.70	-1393.57	-1798.40	-1613.22		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.09	1.03	1.02	1.05	3.77	ppb
Thallium	205-1	1.08	1.10	1.06	1.08	1.82	ppb
Tin	118-1	5.03	5.12	4.96	5.03	1.59	ppb
Titanium	47-1	5.33	5.10	4.64	5.02	7.03	ppb
Uranium	238-1	0.89	0.89	0.87	0.88	0.91	ppb
Vanadium	51-2	4.88	4.88	4.67	4.81	2.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.21	2.03	2.42	2.22	8.80	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:12:33	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.20	1.21	1.17	1.19	1.66	ppb
Zirconium	91-1	1.22	1.18	1.14	1.18	3.32	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : PB113292BL Instrumnet Name : P8
 Client Sample ID : PB113292BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:15:56 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.66	-0.74	0.06	1163.52	ppb
Antimony	121-1	0.10	0.13	0.15	0.13	20.76	ppb
Arsenic	75-1	0.03	0.00	-0.01	0.00	422.91	ppb
Barium	135-1	-0.06	-0.09	-0.07	-0.07		ppb
Barium	137-1	-0.07	-0.05	-0.07	-0.06		ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	55.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	11-1	6.73	6.39	6.37	6.50	3.15	ppb
Boron	10-1	7.61	6.94	5.54	6.70	15.80	ppb
Cadmium	106-1	-1.34	-0.59	-1.05	-0.99		ppb
Cadmium	108-1	-0.07	-0.07	-0.10	-0.08		ppb
Cadmium	111-1	-0.12	-0.06	-0.10	-0.10		ppb
Calcium	43-1	-1.30	2.22	-7.67	-2.25		ppb
Calcium	44-1	-1.80	0.81	-3.49	-1.49		ppb
Chromium	52-2	-0.09	0.04	-0.02	-0.02		ppb
Cobalt	59-2	-0.05	-0.05	-0.05	-0.05		ppb
Copper	63-2	-0.05	0.00	-0.04	-0.03		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				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	1.10	1.32	1.05	1.16	12.08	ppb
Iron	57-2	0.51	2.75	2.04	1.77	64.68	ppb
Krypton	83-1						ppb
Lead	207-1	-0.02	0.01	-0.01	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	176.02	ppb
Lead	206-1	0.00	0.00	0.00	0.00	156.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	9.72	7.62	4.02	7.12	40.44	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BL	Instrumnet Name :	P8
Client Sample ID :	PB113292BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:56	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.20	-0.16	-0.17	-0.17		ppb
Molybdenum	94-1	0.14	0.12	0.10	0.12	16.07	ppb
Molybdenum	95-1	0.09	0.13	0.10	0.11	19.46	ppb
Molybdenum	96-1	0.07	0.10	0.10	0.09	20.05	ppb
Molybdenum	97-1	0.07	0.04	0.05	0.05	31.24	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	13.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.14	-0.07		ppb
Phosphorus	31-2	9.10	-9.03	-9.03	-2.98		ppb
Potassium	39-2	22.98	25.06	45.35	31.13	39.70	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	4.17	0.00	4.24	2.80	86.61	ppb
Selenium	78-2	0.47	-0.23	1.20	0.48	148.91	ppb
Selenium	82-1	0.14	0.22	-0.24	0.04	624.16	ppb
Silicon	28-1	-9.55	-10.36	-11.51	-10.47		ppb
Silver	109-1	0.02	0.01	0.01	0.01	17.03	ppb
Silver	107-1	0.01	0.01	0.02	0.01	28.04	ppb
Sodium	23-2	37.82	47.24	37.92	40.99	13.20	ppb
Strontium	86-1	-0.08	-0.06	-0.02	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	16653.78	ppb
Sulfur	34-1	-1522.66	-1632.22	-1998.58	-1717.82		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.05	0.04	14.19	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	9.21	ppb
Tin	118-1	0.02	-0.01	0.05	0.02	124.56	ppb
Titanium	47-1	0.05	-0.01	-0.05	-0.01		ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.04	-0.01	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	-0.11	-0.08	-0.01	-0.06		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BL	Instrumnet Name :	P8
Client Sample ID :	PB113292BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:56	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	5.16	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	23.54	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BS	Instrumnet Name :	P8
Client Sample ID :	PB113292BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:19:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9281.07	9484.22	9332.88	9366.05	1.13	ppb
Antimony	121-1	510.19	512.24	521.98	514.81	1.22	ppb
Arsenic	75-1	486.35	496.47	490.41	491.08	1.04	ppb
Barium	135-1	2538.87	2560.30	2607.27	2568.81	1.36	ppb
Barium	137-1	2536.87	2561.52	2589.81	2562.73	1.03	ppb
Beryllium	9-1	517.59	505.19	515.45	512.74	1.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	492.88	499.77	517.90	503.52	2.57	ppb
Boron	10-1	487.35	502.81	517.67	502.61	3.02	ppb
Cadmium	106-1	506.31	520.24	521.52	516.02	1.63	ppb
Cadmium	108-1	508.73	524.68	519.75	517.72	1.58	ppb
Cadmium	111-1	504.78	509.98	511.50	508.75	0.69	ppb
Calcium	43-1	47495.57	48224.50	48009.12	47909.73	0.78	ppb
Calcium	44-1	47965.77	48270.16	48062.81	48099.58	0.32	ppb
Chromium	52-2	489.51	507.13	503.87	500.17	1.87	ppb
Cobalt	59-2	478.24	489.65	488.53	485.47	1.30	ppb
Copper	63-2	986.96	1013.57	994.26	998.26	1.38	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				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	23866.76	24399.92	24371.39	24212.69	1.24	ppb
Iron	57-2	23478.96	24004.47	23909.39	23797.60	1.18	ppb
Krypton	83-1						ppb
Lead	207-1	512.03	507.41	518.30	512.58	1.07	ppb
Lead	208-1	504.40	506.55	514.21	508.39	1.01	ppb
Lead	206-1	505.13	506.97	518.70	510.27	1.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	48827.06	49981.09	49802.74	49536.96	1.25	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BS	Instrumnet Name :	P8
Client Sample ID :	PB113292BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:19:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.88	1019.96	1011.51	1008.45	1.32	ppb
Molybdenum	94-1	2510.61	2488.81	2512.31	2503.91	0.52	ppb
Molybdenum	95-1	2527.67	2522.12	2488.15	2512.64	0.85	ppb
Molybdenum	96-1	2532.38	2529.69	2517.01	2526.36	0.32	ppb
Molybdenum	97-1	2547.89	2542.27	2533.27	2541.14	0.29	ppb
Molybdenum	98-1	2543.98	2506.24	2513.19	2521.14	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.73	499.57	497.73	495.34	1.17	ppb
Phosphorus	31-2	10109.36	10744.46	10801.74	10551.86	3.64	ppb
Potassium	39-2	23389.59	24163.39	23785.32	23779.44	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	542.19	465.89	505.19	504.43	7.56	ppb
Selenium	78-2	529.84	509.13	528.44	522.47	2.22	ppb
Selenium	82-1	508.58	501.89	506.29	505.59	0.67	ppb
Silicon	28-1	547.70	569.37	574.44	563.84	2.52	ppb
Silver	109-1	516.95	526.39	524.70	522.68	0.96	ppb
Silver	107-1	517.42	524.65	523.38	521.82	0.74	ppb
Sodium	23-2	48198.10	49285.86	49306.34	48930.10	1.30	ppb
Strontium	86-1	501.82	496.75	498.84	499.14	0.51	ppb
Strontium	88-1	508.05	503.09	504.13	505.09	0.52	ppb
Sulfur	34-1	8431.03	8836.99	8436.13	8568.05	2.72	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	505.19	513.13	513.46	510.59	0.92	ppb
Thallium	205-1	497.26	504.60	507.96	503.27	1.09	ppb
Tin	118-1	513.76	517.71	522.93	518.13	0.89	ppb
Titanium	47-1	2527.94	2537.08	2534.67	2533.23	0.19	ppb
Uranium	238-1	485.87	487.22	496.04	489.71	1.13	ppb
Vanadium	51-2	492.08	506.62	504.68	501.13	1.58	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	981.90	998.27	992.53	990.90	0.84	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BS	Instrumnet Name :	P8
Client Sample ID :	PB113292BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:19:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.43	505.57	506.64	507.21	0.39	ppb
Zirconium	91-1	509.09	505.97	498.34	504.47	1.10	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.97	45.35	40.82	42.71	5.51	ppb
Antimony	121-1	0.78	0.65	0.66	0.70	10.37	ppb
Arsenic	75-1	7.83	7.27	7.93	7.67	4.66	ppb
Barium	135-1	74.09	70.82	71.19	72.03	2.49	ppb
Barium	137-1	75.34	72.40	71.24	72.99	2.90	ppb
Beryllium	9-1	0.18	0.15	0.20	0.18	15.64	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	11-1	158.14	153.61	157.87	156.54	1.62	ppb
Boron	10-1	154.97	152.44	149.90	152.44	1.66	ppb
Cadmium	106-1	-1.57	-1.02	-1.33	-1.31		ppb
Cadmium	108-1	0.05	0.02	0.07	0.05	49.81	ppb
Cadmium	111-1	-0.08	-0.03	-0.06	-0.05		ppb
Calcium	43-1	115356.45	109897.66	109331.36	111528.49	2.98	ppb
Calcium	44-1	113786.68	108183.98	107179.73	109716.80	3.24	ppb
Chromium	52-2	0.43	0.48	0.40	0.44	9.19	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.03		ppb
Copper	63-2	23.23	23.65	23.22	23.37	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				118		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				108		%
Iron	56-2	80.65	82.53	80.30	81.16	1.47	ppb
Iron	57-2	81.55	85.55	85.27	84.12	2.65	ppb
Krypton	83-1						ppb
Lead	207-1	2.84	2.63	2.71	2.73	3.76	ppb
Lead	208-1	2.96	2.77	2.77	2.83	3.87	ppb
Lead	206-1	3.14	2.87	2.86	2.95	5.37	ppb
Lithium	6-1				110		%
Magnesium	24-2	30502.34	31288.37	30158.12	30649.61	1.89	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.89	5.27	5.29	5.15	4.37	ppb
Molybdenum	94-1	2.65	2.55	2.49	2.56	3.18	ppb
Molybdenum	95-1	3.45	3.24	3.25	3.31	3.54	ppb
Molybdenum	96-1	3.31	3.23	3.03	3.19	4.45	ppb
Molybdenum	97-1	3.64	3.18	3.35	3.39	6.87	ppb
Molybdenum	98-1	3.48	3.49	3.40	3.46	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.26	2.48	2.29	7.71	ppb
Phosphorus	31-2	23.66	7.95	7.46	13.03	70.76	ppb
Potassium	39-2	1256.78	1351.29	1231.93	1280.00	4.92	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	3.91	1.30	173.21	ppb
Selenium	78-2	1.06	2.41	1.09	1.52	50.66	ppb
Selenium	82-1	0.88	0.93	0.50	0.77	30.20	ppb
Silicon	28-1	8923.69	8485.33	8366.31	8591.78	3.42	ppb
Silver	109-1	0.15	0.19	0.23	0.19	19.94	ppb
Silver	107-1	0.17	0.18	0.24	0.20	18.59	ppb
Sodium	23-2	17533.86	17745.97	17066.58	17448.80	1.99	ppb
Strontium	86-1	2172.76	2093.84	2086.33	2117.64	2.26	ppb
Strontium	88-1	2203.77	2115.68	2124.20	2147.88	2.26	ppb
Sulfur	34-1	72505.42	67832.35	67302.62	69213.47	4.14	ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.42	0.39	0.41	0.41	3.52	ppb
Thallium	205-1	0.41	0.40	0.38	0.39	4.51	ppb
Tin	118-1	0.83	0.79	0.81	0.81	2.59	ppb
Titanium	47-1	0.52	0.40	0.47	0.46	12.07	ppb
Uranium	238-1	2.79	2.69	2.70	2.73	2.02	ppb
Vanadium	51-2	2.02	2.23	2.09	2.11	5.10	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	128.93	136.49	128.50	131.31	3.42	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	5.26	ppb
Zirconium	91-1	0.06	0.05	0.08	0.07	24.94	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.61	58.12	45.41	51.38	12.44	ppb
Antimony	121-1	0.30	0.27	0.29	0.29	5.81	ppb
Arsenic	75-1	8.57	8.91	8.87	8.78	2.09	ppb
Barium	135-1	73.56	72.08	72.27	72.64	1.11	ppb
Barium	137-1	73.42	73.38	72.43	73.08	0.76	ppb
Beryllium	9-1	0.10	0.07	0.11	0.09	22.06	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Boron	11-1	144.55	145.65	148.86	146.35	1.53	ppb
Boron	10-1	149.50	146.90	151.43	149.28	1.52	ppb
Cadmium	106-1	-1.55	-1.50	-2.53	-1.86		ppb
Cadmium	108-1	0.12	0.02	0.02	0.06	105.94	ppb
Cadmium	111-1	-0.11	-0.09	-0.17	-0.13		ppb
Calcium	43-1	114512.48	112735.24	112507.12	113251.62	0.97	ppb
Calcium	44-1	112067.47	109963.27	109801.22	110610.65	1.14	ppb
Chromium	52-2	0.39	0.52	0.37	0.43	18.39	ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	24.77	25.52	24.80	25.03	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				113		%
Indium	115-1				116		%
Indium	115-2				104		%
Iron	56-2	86.02	89.57	84.63	86.74	2.94	ppb
Iron	57-2	88.33	89.48	89.73	89.18	0.84	ppb
Krypton	83-1						ppb
Lead	207-1	2.66	2.72	2.58	2.65	2.66	ppb
Lead	208-1	2.81	2.80	2.74	2.78	1.49	ppb
Lead	206-1	2.96	3.01	2.91	2.96	1.61	ppb
Lithium	6-1				112		%
Magnesium	24-2	32407.02	33231.18	31661.65	32433.29	2.42	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.51	5.76	6.27	5.84	6.59	ppb
Molybdenum	94-1	2.14	2.13	2.09	2.12	1.10	ppb
Molybdenum	95-1	3.01	3.05	3.09	3.05	1.43	ppb
Molybdenum	96-1	2.90	2.89	2.91	2.90	0.33	ppb
Molybdenum	97-1	2.92	2.83	2.95	2.90	2.21	ppb
Molybdenum	98-1	3.09	3.09	2.90	3.03	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.38	2.56	2.56	2.50	4.34	ppb
Phosphorus	31-2	8.62	27.57	26.42	20.87	50.91	ppb
Potassium	39-2	1309.52	1302.59	1272.47	1294.86	1.52	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	77-2	0.00	4.02	4.03	2.68	86.60	ppb
Selenium	78-2	1.77	0.45	2.50	1.57	66.15	ppb
Selenium	82-1	0.63	0.67	0.51	0.60	13.90	ppb
Silicon	28-1	8804.95	8527.03	8488.86	8606.95	2.00	ppb
Silver	109-1	0.25	0.28	0.27	0.27	5.21	ppb
Silver	107-1	0.26	0.30	0.28	0.28	6.66	ppb
Sodium	23-2	18325.94	18935.16	18099.70	18453.60	2.34	ppb
Strontium	86-1	2165.20	2158.62	2115.58	2146.47	1.26	ppb
Strontium	88-1	2175.18	2186.28	2156.36	2172.61	0.70	ppb
Sulfur	34-1	71147.67	69397.20	69082.68	69875.85	1.59	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.15	0.16	0.15	0.15	3.00	ppb
Thallium	205-1	0.14	0.15	0.17	0.15	10.17	ppb
Tin	118-1	0.67	0.72	0.67	0.69	4.47	ppb
Titanium	47-1	0.56	0.45	0.39	0.47	18.12	ppb
Uranium	238-1	2.78	2.73	2.80	2.77	1.37	ppb
Vanadium	51-2	2.34	2.32	2.30	2.32	0.69	ppb
Yttrium	89-1				114		%
Yttrium	89-2				103		%
Zinc	66-2	132.08	137.91	129.78	133.26	3.14	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	12.84	ppb
Zirconium	91-1	0.06	0.06	0.04	0.05	22.21	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1845.16	1891.00	1857.80	1864.65	1.27	ppb
Antimony	121-1	754.06	727.07	729.47	736.87	2.03	ppb
Arsenic	75-1	856.71	842.22	843.88	847.60	0.94	ppb
Barium	135-1	287.79	276.37	281.25	281.80	2.03	ppb
Barium	137-1	285.59	280.07	282.72	282.79	0.98	ppb
Beryllium	9-1	203.57	204.77	199.59	202.64	1.34	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	11-1	424.88	425.36	429.42	426.55	0.58	ppb
Boron	10-1	423.00	426.70	430.06	426.58	0.83	ppb
Cadmium	106-1	187.51	172.75	174.49	178.25	4.52	ppb
Cadmium	108-1	194.67	187.43	190.01	190.71	1.92	ppb
Cadmium	111-1	205.37	202.23	203.07	203.55	0.80	ppb
Calcium	43-1	115101.75	113062.74	112434.82	113533.10	1.23	ppb
Calcium	44-1	112575.05	111402.20	109951.69	111309.65	1.18	ppb
Chromium	52-2	421.58	414.98	413.32	416.63	1.05	ppb
Cobalt	59-2	208.85	205.35	204.15	206.12	1.19	ppb
Copper	63-2	347.75	343.12	341.92	344.27	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	3244.02	3227.10	3131.18	3200.77	1.90	ppb
Iron	57-2	3106.85	3180.81	3109.76	3132.47	1.34	ppb
Krypton	83-1						ppb
Lead	207-1	1040.60	1033.00	1028.63	1034.08	0.59	ppb
Lead	208-1	1053.28	1047.61	1041.53	1047.47	0.56	ppb
Lead	206-1	1056.64	1050.18	1043.56	1050.13	0.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	33770.70	33275.46	33067.28	33371.15	1.08	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.94	203.13	207.64	206.90	1.67	ppb
Molybdenum	94-1	294.38	284.70	288.22	289.10	1.69	ppb
Molybdenum	95-1	433.97	420.92	420.90	425.26	1.77	ppb
Molybdenum	96-1	414.52	403.24	410.48	409.41	1.40	ppb
Molybdenum	97-1	418.93	407.07	407.80	411.26	1.62	ppb
Molybdenum	98-1	431.36	418.16	419.93	423.15	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.06	526.76	521.20	527.67	1.32	ppb
Phosphorus	31-2	6810.28	6405.89	6627.74	6614.63	3.06	ppb
Potassium	39-2	11089.30	10845.15	10862.66	10932.37	1.25	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	77-2	1954.20	1964.63	2061.52	1993.45	2.97	ppb
Selenium	78-2	2096.45	2083.37	2101.57	2093.80	0.45	ppb
Selenium	82-1	2135.61	2078.42	2101.43	2105.15	1.37	ppb
Silicon	28-1	9519.38	9312.78	9207.69	9346.62	1.70	ppb
Silver	109-1	75.20	73.39	74.02	74.20	1.24	ppb
Silver	107-1	75.26	73.49	73.78	74.18	1.28	ppb
Sodium	23-2	21318.64	20826.09	20673.06	20939.26	1.61	ppb
Strontium	86-1	2339.34	2269.32	2313.58	2307.41	1.53	ppb
Strontium	88-1	2379.80	2305.68	2328.05	2337.84	1.63	ppb
Sulfur	34-1	69079.48	67373.47	67310.68	67921.21	1.48	ppb
Terbium	159-1				122		%
Terbium	159-2				112		%
Thallium	203-1	2085.57	2065.15	2056.73	2069.15	0.72	ppb
Thallium	205-1	2102.32	2076.24	2066.37	2081.64	0.89	ppb
Tin	118-1	746.96	728.31	733.12	736.13	1.32	ppb
Titanium	47-1	213.72	215.99	212.00	213.90	0.93	ppb
Uranium	238-1	2.83	2.86	2.83	2.84	0.66	ppb
Vanadium	51-2	320.85	314.09	309.97	314.97	1.74	ppb
Yttrium	89-1				115		%
Yttrium	89-2				102		%
Zinc	66-2	283.42	280.23	275.78	279.81	1.37	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.55	0.50	0.61	24.88	ppb
Zirconium	91-1	1.03	0.91	0.73	0.89	16.58	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1890.33	1888.03	1891.18	1889.85	0.09	ppb
Antimony	121-1	737.88	727.30	728.31	731.16	0.80	ppb
Arsenic	75-1	865.62	850.35	872.30	862.76	1.30	ppb
Barium	135-1	281.53	277.65	277.87	279.02	0.78	ppb
Barium	137-1	283.97	283.14	279.86	282.32	0.77	ppb
Beryllium	9-1	197.17	200.09	201.63	199.63	1.13	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	11-1	423.30	434.96	446.62	434.96	2.68	ppb
Boron	10-1	429.83	439.42	452.40	440.55	2.57	ppb
Cadmium	106-1	175.09	177.86	170.26	174.40	2.21	ppb
Cadmium	108-1	191.00	188.29	185.92	188.40	1.35	ppb
Cadmium	111-1	204.04	203.79	202.75	203.52	0.33	ppb
Calcium	43-1	116394.23	114998.97	115962.63	115785.28	0.62	ppb
Calcium	44-1	112510.55	111581.42	113223.54	112438.50	0.73	ppb
Chromium	52-2	426.97	418.73	434.34	426.68	1.83	ppb
Cobalt	59-2	210.91	206.92	215.07	210.97	1.93	ppb
Copper	63-2	351.82	346.47	361.79	353.36	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				122		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				98		%
Iron	56-2	3300.38	3220.76	3340.01	3287.05	1.85	ppb
Iron	57-2	3139.07	3088.59	3209.83	3145.83	1.94	ppb
Krypton	83-1						ppb
Lead	207-1	1016.39	1035.08	1026.57	1026.01	0.91	ppb
Lead	208-1	1034.38	1045.69	1043.39	1041.15	0.57	ppb
Lead	206-1	1039.17	1059.93	1047.88	1048.99	0.99	ppb
Lithium	6-1				109		%
Magnesium	24-2	34245.99	33804.07	34864.77	34304.94	1.55	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.09	209.07	211.34	210.50	0.59	ppb
Molybdenum	94-1	291.24	291.29	294.29	292.27	0.60	ppb
Molybdenum	95-1	424.83	425.54	427.21	425.86	0.29	ppb
Molybdenum	96-1	410.26	409.78	420.60	413.55	1.48	ppb
Molybdenum	97-1	412.81	411.92	421.01	415.25	1.21	ppb
Molybdenum	98-1	426.89	426.80	429.21	427.63	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.01	532.91	550.21	541.38	1.60	ppb
Phosphorus	31-2	6899.31	6959.91	7026.38	6961.87	0.91	ppb
Potassium	39-2	11076.63	10931.09	11243.25	11083.66	1.41	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	77-2	2203.75	2153.31	2054.49	2137.18	3.55	ppb
Selenium	78-2	2118.59	2034.83	2053.78	2069.07	2.12	ppb
Selenium	82-1	2096.36	2093.98	2135.59	2108.64	1.11	ppb
Silicon	28-1	9505.68	9322.42	9421.65	9416.58	0.97	ppb
Silver	109-1	74.38	73.76	73.90	74.02	0.44	ppb
Silver	107-1	74.94	74.24	73.33	74.17	1.09	ppb
Sodium	23-2	21244.11	21498.61	21739.38	21494.03	1.15	ppb
Strontium	86-1	2335.03	2326.19	2369.81	2343.68	0.98	ppb
Strontium	88-1	2363.76	2372.54	2386.72	2374.34	0.49	ppb
Sulfur	34-1	69469.70	67632.26	69695.48	68932.48	1.64	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	2049.86	2086.05	2061.26	2065.72	0.90	ppb
Thallium	205-1	2064.61	2098.21	2083.07	2081.96	0.81	ppb
Tin	118-1	742.54	725.83	727.64	732.00	1.25	ppb
Titanium	47-1	215.00	213.70	218.60	215.77	1.18	ppb
Uranium	238-1	2.85	2.85	2.86	2.85	0.18	ppb
Vanadium	51-2	320.45	318.97	325.72	321.71	1.10	ppb
Yttrium	89-1				113		%
Yttrium	89-2				98		%
Zinc	66-2	282.24	285.50	287.01	284.92	0.86	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.24	0.22	0.24	10.51	ppb
Zirconium	91-1	0.41	0.51	0.39	0.44	14.86	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1943.05	1874.93	1886.26	1901.41	1.92	ppb
Antimony	121-1	739.51	730.89	729.49	733.29	0.74	ppb
Arsenic	75-1	870.06	881.12	861.59	870.92	1.12	ppb
Barium	135-1	282.82	281.17	277.54	280.51	0.96	ppb
Barium	137-1	284.62	283.53	281.92	283.35	0.48	ppb
Beryllium	9-1	199.41	200.24	199.92	199.86	0.21	ppb
Bismuth	209-1				120		%
Bismuth	209-2				106		%
Boron	11-1	425.80	437.27	442.16	435.08	1.93	ppb
Boron	10-1	424.80	440.84	434.04	433.23	1.86	ppb
Cadmium	106-1	179.26	175.30	172.64	175.73	1.90	ppb
Cadmium	108-1	186.56	190.99	189.70	189.08	1.20	ppb
Cadmium	111-1	205.45	205.55	205.12	205.37	0.11	ppb
Calcium	43-1	116239.71	116394.64	113862.26	115498.87	1.23	ppb
Calcium	44-1	112993.91	113703.48	110724.29	112473.89	1.38	ppb
Chromium	52-2	437.50	424.72	429.25	430.49	1.50	ppb
Cobalt	59-2	219.37	210.77	214.21	214.78	2.01	ppb
Copper	63-2	363.94	356.62	357.81	359.46	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				94		%
Iron	56-2	3430.27	3310.07	3330.41	3356.92	1.92	ppb
Iron	57-2	3322.56	3222.93	3287.92	3277.80	1.54	ppb
Krypton	83-1						ppb
Lead	207-1	1037.10	1043.41	1035.38	1038.63	0.41	ppb
Lead	208-1	1053.65	1058.84	1047.08	1053.19	0.56	ppb
Lead	206-1	1068.07	1063.75	1046.97	1059.60	1.05	ppb
Lithium	6-1				107		%
Magnesium	24-2	35090.36	34010.28	34033.98	34378.21	1.79	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	212.31	209.32	211.38	211.00	0.72	ppb
Molybdenum	94-1	295.57	300.29	293.49	296.45	1.18	ppb
Molybdenum	95-1	435.92	439.32	430.52	435.25	1.02	ppb
Molybdenum	96-1	420.26	423.23	417.01	420.17	0.74	ppb
Molybdenum	97-1	423.60	426.44	421.84	423.96	0.55	ppb
Molybdenum	98-1	433.63	442.00	424.51	433.38	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.77	546.03	550.58	552.46	1.37	ppb
Phosphorus	31-2	6770.27	6351.85	7031.53	6717.88	5.10	ppb
Potassium	39-2	11256.04	10969.54	11008.77	11078.12	1.40	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				88		%
Selenium	77-2	2008.04	2006.22	1863.62	1959.30	4.23	ppb
Selenium	78-2	2265.40	2138.00	2032.39	2145.26	5.44	ppb
Selenium	82-1	2143.57	2151.56	2117.12	2137.41	0.84	ppb
Silicon	28-1	9469.76	9486.82	9254.13	9403.57	1.38	ppb
Silver	109-1	74.02	74.15	74.54	74.23	0.36	ppb
Silver	107-1	73.90	74.10	74.51	74.17	0.42	ppb
Sodium	23-2	21814.25	21192.32	21315.00	21440.52	1.54	ppb
Strontium	86-1	2358.28	2372.78	2331.72	2354.26	0.88	ppb
Strontium	88-1	2400.98	2404.14	2380.94	2395.35	0.53	ppb
Sulfur	34-1	69066.11	70401.71	66743.87	68737.23	2.69	ppb
Terbium	159-1				120		%
Terbium	159-2				109		%
Thallium	203-1	2092.22	2091.11	2078.78	2087.37	0.36	ppb
Thallium	205-1	2108.71	2103.52	2098.44	2103.55	0.24	ppb
Tin	118-1	741.33	744.95	738.56	741.61	0.43	ppb
Titanium	47-1	217.90	218.76	214.02	216.89	1.16	ppb
Uranium	238-1	2.84	2.92	2.81	2.86	1.89	ppb
Vanadium	51-2	330.67	320.89	324.00	325.19	1.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	291.38	286.72	289.85	289.32	0.82	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.18	0.17	0.18	1.83	ppb
Zirconium	91-1	0.36	0.42	0.35	0.38	9.35	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.16	30.07	24.18	25.80	14.46	ppb
Antimony	121-1	2.03	1.91	1.82	1.92	5.31	ppb
Arsenic	75-1	7.98	8.39	7.85	8.07	3.44	ppb
Barium	135-1	338.45	340.27	336.24	338.32	0.60	ppb
Barium	137-1	337.06	344.99	337.01	339.69	1.35	ppb
Beryllium	9-1	0.14	0.12	0.12	0.13	10.58	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	11-1	49.34	47.59	46.61	47.85	2.89	ppb
Boron	10-1	50.43	47.62	48.59	48.88	2.93	ppb
Cadmium	106-1	-1.78	-1.68	-2.16	-1.88		ppb
Cadmium	108-1	-0.03	-0.01	-0.06	-0.03		ppb
Cadmium	111-1	-0.11	-0.12	-0.15	-0.13		ppb
Calcium	43-1	24932.48	24994.92	24708.51	24878.64	0.61	ppb
Calcium	44-1	25176.58	25160.72	24674.03	25003.78	1.14	ppb
Chromium	52-2	0.14	0.26	0.28	0.23	34.63	ppb
Cobalt	59-2	-0.04	-0.05	-0.04	-0.04		ppb
Copper	63-2	13.59	13.41	12.79	13.26	3.17	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				124		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				100		%
Iron	56-2	5.26	5.67	4.98	5.30	6.58	ppb
Iron	57-2	9.41	4.08	2.85	5.45	64.05	ppb
Krypton	83-1						ppb
Lead	207-1	0.55	0.48	0.53	0.52	6.51	ppb
Lead	208-1	0.53	0.50	0.51	0.51	2.77	ppb
Lead	206-1	0.56	0.50	0.53	0.53	5.27	ppb
Lithium	6-1				112		%
Magnesium	24-2	12267.09	12208.25	11820.99	12098.78	2.00	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.93	2.44	2.74	2.70	9.30	ppb
Molybdenum	94-1	0.33	0.30	0.35	0.33	8.45	ppb
Molybdenum	95-1	0.55	0.47	0.39	0.47	16.47	ppb
Molybdenum	96-1	0.55	0.50	0.44	0.50	11.37	ppb
Molybdenum	97-1	0.44	0.46	0.44	0.45	2.30	ppb
Molybdenum	98-1	0.56	0.48	0.44	0.49	12.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.03	0.00	0.06	145.59	ppb
Phosphorus	31-2	-9.03	51.26	30.95	24.40	125.73	ppb
Potassium	39-2	514.09	472.44	498.03	494.85	4.24	ppb
Rhodium	103-1				113		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	4.32	1.44	173.21	ppb
Selenium	78-2	0.49	-0.23	1.96	0.74	150.70	ppb
Selenium	82-1	1.41	0.40	0.48	0.76	73.73	ppb
Silicon	28-1	8976.94	8914.91	8780.52	8890.79	1.13	ppb
Silver	109-1	0.11	0.14	0.15	0.14	16.06	ppb
Silver	107-1	0.15	0.14	0.14	0.14	5.31	ppb
Sodium	23-2	7891.67	7770.64	7598.08	7753.46	1.90	ppb
Strontium	86-1	52.99	53.82	53.98	53.60	0.99	ppb
Strontium	88-1	54.44	54.40	54.35	54.40	0.08	ppb
Sulfur	34-1	2557.72	2604.86	2480.52	2547.70	2.46	ppb
Terbium	159-1				123		%
Terbium	159-2				111		%
Thallium	203-1	0.45	0.40	0.42	0.42	5.90	ppb
Thallium	205-1	0.46	0.43	0.39	0.43	8.07	ppb
Tin	118-1	0.57	0.53	0.55	0.55	4.04	ppb
Titanium	47-1	0.52	0.27	0.34	0.38	33.65	ppb
Uranium	238-1	0.19	0.17	0.18	0.18	6.05	ppb
Vanadium	51-2	4.61	4.42	4.25	4.43	4.07	ppb
Yttrium	89-1				112		%
Yttrium	89-2				96		%
Zinc	66-2	35.90	37.22	38.29	37.14	3.22	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55335.34	51087.09	52256.93	52893.12	4.15	ppb
Antimony	121-1	501.04	497.12	492.66	496.94	0.84	ppb
Arsenic	75-1	507.67	507.62	515.55	510.28	0.89	ppb
Barium	135-1	2568.35	2536.17	2501.04	2535.19	1.33	ppb
Barium	137-1	2561.08	2530.14	2491.08	2527.43	1.39	ppb
Beryllium	9-1	511.46	505.10	517.38	511.31	1.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				92		%
Boron	11-1	521.95	528.67	542.58	531.07	1.98	ppb
Boron	10-1	522.38	524.63	549.79	532.27	2.86	ppb
Cadmium	106-1	492.10	479.19	479.82	483.70	1.51	ppb
Cadmium	108-1	491.02	491.30	486.23	489.52	0.58	ppb
Cadmium	111-1	489.64	483.24	478.44	483.78	1.16	ppb
Calcium	43-1	240490.97	241341.37	241435.12	241089.15	0.22	ppb
Calcium	44-1	239751.76	240313.53	240980.24	240348.51	0.26	ppb
Chromium	52-2	581.46	540.77	550.69	557.64	3.80	ppb
Cobalt	59-2	546.34	511.39	521.02	526.25	3.43	ppb
Copper	63-2	1079.16	1015.82	1034.04	1043.01	3.13	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				108		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				85		%
Iron	56-2	134281.63	125130.29	128048.22	129153.38	3.62	ppb
Iron	57-2	134506.62	126143.96	129052.20	129900.93	3.27	ppb
Krypton	83-1						ppb
Lead	207-1	528.49	524.18	528.90	527.19	0.50	ppb
Lead	208-1	526.97	523.08	523.90	524.65	0.39	ppb
Lead	206-1	532.67	527.43	521.29	527.13	1.08	ppb
Lithium	6-1				91		%
Magnesium	24-2	258853.62	240986.28	245431.01	248423.64	3.74	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1113.35	1030.70	1058.05	1067.37	3.94	ppb
Molybdenum	94-1	2578.41	2556.61	2599.12	2578.05	0.82	ppb
Molybdenum	95-1	2591.45	2569.61	2583.16	2581.40	0.43	ppb
Molybdenum	96-1	2610.74	2569.69	2586.62	2589.02	0.80	ppb
Molybdenum	97-1	2623.09	2552.90	2585.80	2587.26	1.36	ppb
Molybdenum	98-1	2609.58	2571.23	2582.95	2587.92	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	570.04	534.69	539.63	548.12	3.49	ppb
Phosphorus	31-2	11766.55	9973.88	11134.98	10958.47	8.30	ppb
Potassium	39-2	129985.91	122264.82	122664.95	124971.89	3.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				80		%
Selenium	77-2	579.38	449.38	506.14	511.63	12.74	ppb
Selenium	78-2	533.01	523.51	480.10	512.21	5.51	ppb
Selenium	82-1	504.99	500.67	507.19	504.29	0.66	ppb
Silicon	28-1	520.47	526.61	532.71	526.60	1.16	ppb
Silver	109-1	500.49	496.41	490.59	495.83	1.00	ppb
Silver	107-1	500.01	497.55	487.36	494.98	1.35	ppb
Sodium	23-2	261577.23	243689.85	248044.80	251103.96	3.71	ppb
Strontium	86-1	507.88	505.10	510.54	507.84	0.54	ppb
Strontium	88-1	518.47	507.45	515.02	513.65	1.10	ppb
Sulfur	34-1	9612.90	9365.82	9464.49	9481.07	1.31	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	519.11	523.95	522.54	521.87	0.48	ppb
Thallium	205-1	514.67	514.66	513.38	514.23	0.14	ppb
Tin	118-1	515.41	508.52	504.36	509.43	1.10	ppb
Titanium	47-1	2615.30	2589.26	2632.78	2612.45	0.84	ppb
Uranium	238-1	531.12	527.23	526.99	528.45	0.44	ppb
Vanadium	51-2	557.93	524.81	537.96	540.23	3.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				86		%
Zinc	66-2	1097.45	1036.16	1041.35	1058.32	3.21	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	525.20	513.81	516.58	518.53	1.15	ppb
Zirconium	91-1	514.51	513.28	516.20	514.66	0.29	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.10	3.33	2.09	3.18	31.91	ppb
Antimony	121-1	1.25	1.28	1.11	1.21	7.25	ppb
Arsenic	75-1	0.37	0.29	0.41	0.36	16.42	ppb
Barium	135-1	0.05	0.09	0.01	0.05	75.09	ppb
Barium	137-1	0.09	0.04	0.01	0.05	87.34	ppb
Beryllium	9-1	0.25	0.29	0.23	0.26	11.99	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	11-1	27.07	24.75	23.74	25.19	6.77	ppb
Boron	10-1	24.30	23.06	24.28	23.88	2.97	ppb
Cadmium	106-1	-1.05	-1.83	-1.44	-1.44		ppb
Cadmium	108-1	-0.02	-0.10	-0.05	-0.06		ppb
Cadmium	111-1	-0.03	-0.10	-0.07	-0.07		ppb
Calcium	43-1	3.39	5.19	0.43	3.00	79.92	ppb
Calcium	44-1	8.26	4.67	1.50	4.81	70.31	ppb
Chromium	52-2	0.02	-0.01	0.06	0.03	135.10	ppb
Cobalt	59-2	-0.04	-0.05	-0.03	-0.04		ppb
Copper	63-2	0.12	0.08	0.06	0.08	36.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	4.11	3.70	3.09	3.63	14.07	ppb
Iron	57-2	4.56	6.33	4.19	5.03	22.75	ppb
Krypton	83-1						ppb
Lead	207-1	0.03	0.01	0.02	0.02	48.25	ppb
Lead	208-1	0.03	0.03	0.03	0.03	18.26	ppb
Lead	206-1	0.03	0.01	0.03	0.02	39.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.36	11.24	10.62	10.07	15.06	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.17	-0.20	-0.15	-0.17		ppb
Molybdenum	94-1	0.77	0.65	0.63	0.68	11.00	ppb
Molybdenum	95-1	0.90	0.74	0.68	0.77	15.24	ppb
Molybdenum	96-1	0.91	0.76	0.66	0.78	16.02	ppb
Molybdenum	97-1	0.89	0.73	0.66	0.76	15.61	ppb
Molybdenum	98-1	0.85	0.75	0.73	0.78	7.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.07	-0.19	-0.10		ppb
Phosphorus	31-2	-9.03	-9.03	-9.03	-9.03		ppb
Potassium	39-2	30.81	21.36	21.85	24.68	21.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	77-2	0.00	4.65	0.00	1.55	173.21	ppb
Selenium	78-2	-0.23	-0.23	1.34	0.29	310.83	ppb
Selenium	82-1	0.07	0.32	-0.40	0.00		ppb
Silicon	28-1	-9.49	-11.08	-10.16	-10.24		ppb
Silver	109-1	0.09	0.09	0.07	0.08	11.06	ppb
Silver	107-1	0.08	0.08	0.07	0.08	9.75	ppb
Sodium	23-2	63.34	64.11	61.99	63.14	1.70	ppb
Strontium	86-1	0.02	0.06	-0.01	0.02	179.92	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	15.10	ppb
Sulfur	34-1	-1307.09	-1251.62	-1081.69	-1213.47		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.20	0.21	0.22	13.03	ppb
Thallium	205-1	0.26	0.23	0.21	0.23	10.74	ppb
Tin	118-1	0.35	0.29	0.28	0.31	11.45	ppb
Titanium	47-1	0.14	0.15	0.14	0.15	3.37	ppb
Uranium	238-1	-0.03	-0.04	-0.05	-0.04		ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	-0.05	-0.17	-0.29	-0.17		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.14	0.13	11.41	ppb
Zirconium	91-1	0.15	0.14	0.10	0.13	20.27	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1942.92	1841.45	1873.30	1885.89	2.75	ppb
Antimony	121-1	0.42	0.46	0.49	0.46	7.18	ppb
Arsenic	75-1	4.65	5.10	4.77	4.84	4.87	ppb
Barium	135-1	140.46	142.13	143.81	142.13	1.18	ppb
Barium	137-1	143.22	142.80	142.54	142.85	0.24	ppb
Beryllium	9-1	0.15	0.18	0.18	0.17	11.15	ppb
Bismuth	209-1				124		%
Bismuth	209-2				113		%
Boron	11-1	33.12	31.15	31.76	32.01	3.14	ppb
Boron	10-1	32.26	31.31	35.51	33.03	6.66	ppb
Cadmium	106-1	-0.25	-1.41	-0.12	-0.59		ppb
Cadmium	108-1	1.75	1.62	1.60	1.66	4.95	ppb
Cadmium	111-1	2.03	1.96	2.02	2.00	1.85	ppb
Calcium	43-1	13106.64	13314.43	13006.78	13142.62	1.19	ppb
Calcium	44-1	13335.16	13137.19	13271.82	13248.05	0.76	ppb
Chromium	52-2	15.36	15.11	14.82	15.10	1.80	ppb
Cobalt	59-2	7.81	7.43	7.83	7.69	2.99	ppb
Copper	63-2	19.79	18.99	19.47	19.42	2.07	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				124		%
Holmium	165-2				113		%
Indium	115-1				117		%
Indium	115-2				101		%
Iron	56-2	658.93	633.40	639.66	644.00	2.07	ppb
Iron	57-2	659.83	607.78	615.04	627.55	4.49	ppb
Krypton	83-1						ppb
Lead	207-1	2.03	2.00	1.99	2.01	1.04	ppb
Lead	208-1	2.09	2.12	2.07	2.09	1.19	ppb
Lead	206-1	2.18	2.25	2.19	2.20	1.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	13194.65	12862.50	12906.77	12987.97	1.39	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	68.91	64.28	67.67	66.95	3.58	ppb
Molybdenum	94-1	0.20	0.16	0.14	0.17	18.17	ppb
Molybdenum	95-1	0.19	0.13	0.14	0.15	22.01	ppb
Molybdenum	96-1	0.15	0.20	0.16	0.17	16.96	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.18	3.21	ppb
Molybdenum	98-1	0.19	0.21	0.18	0.19	7.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.64	31.86	31.99	32.16	1.29	ppb
Phosphorus	31-2	10.50	-9.03	10.40	3.96	284.18	ppb
Potassium	39-2	3471.42	3394.34	3362.86	3409.54	1.64	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	77-2	8.32	25.08	24.90	19.44	49.53	ppb
Selenium	78-2	1.17	1.18	3.27	1.87	64.61	ppb
Selenium	82-1	0.55	0.37	-0.05	0.29	106.66	ppb
Silicon	28-1	5082.25	5120.44	5086.60	5096.43	0.41	ppb
Silver	109-1	0.12	0.12	0.11	0.12	3.68	ppb
Silver	107-1	0.11	0.13	0.13	0.12	11.03	ppb
Sodium	23-2	17634.61	17397.97	17717.31	17583.30	0.94	ppb
Strontium	86-1	108.43	108.05	107.18	107.89	0.60	ppb
Strontium	88-1	111.53	113.44	111.88	112.28	0.90	ppb
Sulfur	34-1	3362.45	3442.27	3442.37	3415.70	1.35	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	0.48	0.47	0.43	0.46	5.36	ppb
Thallium	205-1	0.46	0.44	0.40	0.43	6.68	ppb
Tin	118-1	0.22	0.20	0.23	0.22	6.05	ppb
Titanium	47-1	0.20	0.23	0.29	0.24	18.58	ppb
Uranium	238-1	0.42	0.42	0.43	0.42	0.69	ppb
Vanadium	51-2	1.53	1.35	1.37	1.42	6.73	ppb
Yttrium	89-1				114		%
Yttrium	89-2				99		%
Zinc	66-2	111.24	106.33	108.14	108.57	2.29	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	39.83	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	15.21	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.30	37.76	33.33	35.46	6.27	ppb
Antimony	121-1	0.33	0.40	0.37	0.37	9.52	ppb
Arsenic	75-1	6.08	6.41	6.82	6.44	5.81	ppb
Barium	135-1	50.20	50.46	51.45	50.71	1.29	ppb
Barium	137-1	49.99	50.72	51.76	50.82	1.75	ppb
Beryllium	9-1	0.11	0.06	0.05	0.07	43.73	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	11-1	168.14	171.29	178.78	172.73	3.16	ppb
Boron	10-1	164.33	175.40	177.45	172.40	4.09	ppb
Cadmium	106-1	-2.70	-1.55	-2.51	-2.26		ppb
Cadmium	108-1	-0.10	-0.03	-0.05	-0.06		ppb
Cadmium	111-1	-0.20	-0.12	-0.19	-0.17		ppb
Calcium	43-1	51553.00	52502.47	53815.03	52623.50	2.16	ppb
Calcium	44-1	51463.20	52487.12	53736.95	52562.42	2.17	ppb
Chromium	52-2	0.19	0.17	0.22	0.19	13.50	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	18.16	18.35	17.82	18.11	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	56-2	93.41	91.30	89.27	91.33	2.27	ppb
Iron	57-2	101.52	97.38	90.16	96.35	5.97	ppb
Krypton	83-1						ppb
Lead	207-1	11.22	11.32	11.43	11.33	0.91	ppb
Lead	208-1	11.51	11.68	11.70	11.63	0.87	ppb
Lead	206-1	12.26	12.24	12.48	12.33	1.08	ppb
Lithium	6-1				106		%
Magnesium	24-2	15750.06	15675.42	15197.42	15540.97	1.93	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.57	6.72	6.22	6.50	3.89	ppb
Molybdenum	94-1	3.98	3.81	4.14	3.98	4.17	ppb
Molybdenum	95-1	5.19	5.58	5.60	5.46	4.31	ppb
Molybdenum	96-1	5.38	5.47	5.21	5.35	2.46	ppb
Molybdenum	97-1	5.54	5.35	5.42	5.44	1.84	ppb
Molybdenum	98-1	5.54	5.41	5.47	5.47	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.08	0.08	0.18	96.75	ppb
Phosphorus	31-2	12.05	12.50	11.84	12.13	2.80	ppb
Potassium	39-2	862.50	872.41	877.14	870.68	0.86	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	4.59	1.53	173.21	ppb
Selenium	78-2	0.54	-0.23	-0.23	0.03	1707.74	ppb
Selenium	82-1	-0.16	0.06	-0.17	-0.09		ppb
Silicon	28-1	6890.18	7054.73	7188.42	7044.45	2.12	ppb
Silver	109-1	0.12	0.11	0.13	0.12	7.18	ppb
Silver	107-1	0.13	0.12	0.14	0.13	6.25	ppb
Sodium	23-2	11960.65	11965.84	11593.88	11840.12	1.80	ppb
Strontium	86-1	717.70	727.92	735.77	727.13	1.25	ppb
Strontium	88-1	708.01	728.36	730.91	722.43	1.74	ppb
Sulfur	34-1	11914.06	12261.33	13096.04	12423.81	4.89	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.12	0.12	0.11	10.08	ppb
Thallium	205-1	0.10	0.12	0.13	0.12	11.60	ppb
Tin	118-1	0.44	0.46	0.46	0.45	2.81	ppb
Titanium	47-1	0.36	0.29	0.39	0.35	14.21	ppb
Uranium	238-1	2.23	2.28	2.28	2.26	1.32	ppb
Vanadium	51-2	10.85	11.22	10.88	10.99	1.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	54.43	55.89	51.95	54.09	3.68	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.08	0.09	0.10	14.86	ppb
Zirconium	91-1	0.11	0.08	0.10	0.10	15.19	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.54	12.63	16.84	14.34	15.44	ppb
Antimony	121-1	0.28	0.30	0.31	0.30	5.06	ppb
Arsenic	75-1	4.66	5.40	4.97	5.01	7.49	ppb
Barium	135-1	6.15	6.23	6.24	6.21	0.74	ppb
Barium	137-1	6.34	6.39	6.37	6.37	0.41	ppb
Beryllium	9-1	0.04	0.00	0.01	0.01	169.05	ppb
Bismuth	209-1				126		%
Bismuth	209-2				116		%
Boron	11-1	1748.91	1784.47	1846.06	1793.15	2.74	ppb
Boron	10-1	1657.93	1734.13	1769.98	1720.68	3.33	ppb
Cadmium	106-1	-1.95	-1.38	-1.59	-1.64		ppb
Cadmium	108-1	-0.06	0.11	0.06	0.04	226.69	ppb
Cadmium	111-1	-0.14	-0.10	-0.12	-0.12		ppb
Calcium	43-1	524241.13	528905.73	531793.60	528313.49	0.72	ppb
Calcium	44-1	518614.84	522928.32	525448.02	522330.39	0.66	ppb
Chromium	52-2	0.73	0.99	0.86	0.86	14.89	ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.04		ppb
Copper	63-2	16.20	15.54	16.37	16.04	2.75	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				126		%
Holmium	165-2				119		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	10674.86	10181.91	10745.41	10534.06	2.91	ppb
Iron	57-2	10549.26	9861.49	10588.35	10333.03	3.96	ppb
Krypton	83-1						ppb
Lead	207-1	0.35	0.35	0.33	0.34	1.79	ppb
Lead	208-1	0.36	0.36	0.36	0.36	0.24	ppb
Lead	206-1	0.38	0.37	0.38	0.37	0.96	ppb
Lithium	6-1				107		%
Magnesium	24-2	46384.88	44695.90	47173.03	46084.60	2.75	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	634.60	604.91	634.24	624.58	2.73	ppb
Molybdenum	94-1	8.88	8.96	9.45	9.10	3.34	ppb
Molybdenum	95-1	11.72	12.40	12.48	12.20	3.42	ppb
Molybdenum	96-1	12.04	12.18	11.93	12.05	1.02	ppb
Molybdenum	97-1	12.15	12.54	12.46	12.38	1.67	ppb
Molybdenum	98-1	12.18	12.19	12.50	12.29	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.28	2.25	2.33	4.71	ppb
Phosphorus	31-2	-9.03	-9.03	-9.03	-9.03		ppb
Potassium	39-2	1690.57	1612.64	1699.76	1667.65	2.87	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.22	0.50	0.50	145.88	ppb
Selenium	82-1	0.47	0.20	0.61	0.42	49.41	ppb
Silicon	28-1	7624.67	7665.20	7718.38	7669.41	0.61	ppb
Silver	109-1	0.10	0.11	0.10	0.10	5.60	ppb
Silver	107-1	0.11	0.11	0.12	0.11	5.95	ppb
Sodium	23-2	79116.81	75407.89	79673.73	78066.14	2.97	ppb
Strontium	86-1	7565.29	7647.60	7735.48	7649.46	1.11	ppb
Strontium	88-1	7694.18	7786.04	7848.57	7776.26	1.00	ppb
Sulfur	34-1	441769.58	442952.19	446510.00	443743.92	0.56	ppb
Terbium	159-1				125		%
Terbium	159-2				117		%
Thallium	203-1	0.08	0.10	0.08	0.08	15.11	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.22	ppb
Tin	118-1	0.15	0.16	0.14	0.15	7.32	ppb
Titanium	47-1	0.36	0.40	0.36	0.37	6.14	ppb
Uranium	238-1	0.66	0.68	0.66	0.67	1.76	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	57.01	ppb
Yttrium	89-1				111		%
Yttrium	89-2				95		%
Zinc	66-2	49.90	48.54	51.25	49.90	2.71	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.25	0.28	0.27	7.84	ppb
Zirconium	91-1	0.27	0.23	0.22	0.24	11.50	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.29	31.05	29.05	30.46	4.03	ppb
Antimony	121-1	0.19	0.19	0.21	0.20	6.60	ppb
Arsenic	75-1	4.92	5.25	5.58	5.25	6.29	ppb
Barium	135-1	0.07	0.03	0.13	0.08	64.89	ppb
Barium	137-1	0.13	0.14	0.10	0.12	14.09	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	64.17	ppb
Bismuth	209-1				139		%
Bismuth	209-2				121		%
Boron	11-1	88.87	81.92	79.01	83.27	6.08	ppb
Boron	10-1	93.93	85.64	79.49	86.35	8.39	ppb
Cadmium	106-1	-1.16	-1.84	-1.22	-1.41		ppb
Cadmium	108-1	0.03	-0.09	-0.06	-0.04		ppb
Cadmium	111-1	-0.10	-0.14	-0.11	-0.12		ppb
Calcium	43-1	243.81	224.05	225.96	231.28	4.71	ppb
Calcium	44-1	251.08	240.78	244.70	245.52	2.12	ppb
Chromium	52-2	-0.07	-0.07	-0.02	-0.05		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	1.59	1.58	1.61	1.59	0.87	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				135		%
Holmium	165-2				120		%
Indium	115-1				126		%
Indium	115-2				103		%
Iron	56-2	3.63	3.45	3.16	3.41	6.91	ppb
Iron	57-2	1.21	2.34	5.60	3.05	74.76	ppb
Krypton	83-1						ppb
Lead	207-1	0.14	0.15	0.14	0.14	3.68	ppb
Lead	208-1	0.16	0.16	0.17	0.16	1.97	ppb
Lead	206-1	0.16	0.20	0.16	0.17	13.89	ppb
Lithium	6-1				116		%
Magnesium	24-2	1160.30	1124.55	1185.31	1156.72	2.64	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.81	0.39	0.81	0.67	36.35	ppb
Molybdenum	94-1	0.09	0.10	0.11	0.10	9.98	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	48.10	ppb
Molybdenum	96-1	0.06	0.04	0.02	0.04	44.60	ppb
Molybdenum	97-1	0.04	0.01	0.04	0.03	59.74	ppb
Molybdenum	98-1	0.05	0.01	0.04	0.03	53.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.05	-0.09	-0.01		ppb
Phosphorus	31-2	10.66	-9.03	10.91	4.18	273.60	ppb
Potassium	39-2	807.05	775.70	816.88	799.88	2.69	ppb
Rhodium	103-1				121		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				91		%
Selenium	77-2	4.18	0.00	0.00	1.39	173.21	ppb
Selenium	78-2	-0.23	0.47	0.46	0.23	171.81	ppb
Selenium	82-1	0.57	-0.02	-0.38	0.06	832.36	ppb
Silicon	28-1	7165.20	7080.92	7176.62	7140.91	0.73	ppb
Silver	109-1	0.08	0.10	0.09	0.09	8.71	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.49	ppb
Sodium	23-2	119908.98	118870.61	122384.02	120387.87	1.50	ppb
Strontium	86-1	1.25	1.24	1.32	1.27	3.16	ppb
Strontium	88-1	1.46	1.33	1.38	1.39	4.94	ppb
Sulfur	34-1	-3153.88	-3251.00	-3075.77	-3160.21		ppb
Terbium	159-1				134		%
Terbium	159-2				120		%
Thallium	203-1	0.06	0.04	0.05	0.05	15.97	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.41	ppb
Tin	118-1	0.17	0.15	0.20	0.17	12.52	ppb
Titanium	47-1	0.40	0.38	0.26	0.35	21.97	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	2.46	ppb
Yttrium	89-1				120		%
Yttrium	89-2				99		%
Zinc	66-2	24.54	22.61	25.25	24.13	5.66	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.04	0.05	13.81	ppb
Zirconium	91-1	0.06	0.06	0.04	0.05	19.80	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.05	23.16	28.98	25.06	13.53	ppb
Antimony	121-1	0.63	0.62	0.64	0.63	1.51	ppb
Arsenic	75-1	10.40	11.05	10.72	10.73	3.02	ppb
Barium	135-1	54.41	53.71	53.36	53.83	0.99	ppb
Barium	137-1	53.77	53.69	55.13	54.20	1.50	ppb
Beryllium	9-1	0.02	-0.03	0.05	0.01	331.67	ppb
Bismuth	209-1				140		%
Bismuth	209-2				120		%
Boron	11-1	399.05	392.90	396.94	396.30	0.79	ppb
Boron	10-1	395.86	397.95	396.80	396.87	0.26	ppb
Cadmium	106-1	-2.73	-2.14	-1.44	-2.10		ppb
Cadmium	108-1	0.02	0.05	-0.06	0.00	1724.92	ppb
Cadmium	111-1	-0.20	-0.17	-0.12	-0.16		ppb
Calcium	43-1	130302.83	130702.57	128596.50	129867.30	0.86	ppb
Calcium	44-1	127572.88	127112.08	126573.20	127086.05	0.39	ppb
Chromium	52-2	0.58	0.48	0.50	0.52	10.58	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	82.59	81.15	86.33	83.36	3.20	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				137		%
Holmium	165-2				121		%
Indium	115-1				126		%
Indium	115-2				102		%
Iron	56-2	384.46	376.34	396.27	385.69	2.60	ppb
Iron	57-2	381.68	378.69	390.75	383.71	1.64	ppb
Krypton	83-1						ppb
Lead	207-1	29.80	29.69	29.74	29.74	0.19	ppb
Lead	208-1	30.76	30.73	30.82	30.77	0.14	ppb
Lead	206-1	32.34	32.07	32.18	32.20	0.42	ppb
Lithium	6-1				117		%
Magnesium	24-2	46246.73	44918.30	47590.43	46251.82	2.89	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.59	7.80	8.32	8.24	4.83	ppb
Molybdenum	94-1	3.16	3.14	3.25	3.18	1.90	ppb
Molybdenum	95-1	4.59	4.44	4.42	4.48	2.13	ppb
Molybdenum	96-1	4.23	4.41	4.31	4.32	2.10	ppb
Molybdenum	97-1	4.43	4.55	4.25	4.41	3.42	ppb
Molybdenum	98-1	4.45	4.46	4.54	4.48	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.45	0.52	0.48	8.42	ppb
Phosphorus	31-2	72.18	11.04	33.28	38.83	79.68	ppb
Potassium	39-2	1462.12	1380.31	1495.88	1446.10	4.11	ppb
Rhodium	103-1				120		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	4.33	1.44	173.21	ppb
Selenium	78-2	0.48	0.49	-0.23	0.25	167.95	ppb
Selenium	82-1	1.25	1.45	1.43	1.38	8.35	ppb
Silicon	28-1	9302.22	9281.63	9102.26	9228.70	1.19	ppb
Silver	109-1	0.14	0.10	0.13	0.12	14.52	ppb
Silver	107-1	0.13	0.13	0.12	0.13	6.62	ppb
Sodium	23-2	24564.82	23861.16	25742.78	24722.92	3.85	ppb
Strontium	86-1	3330.91	3310.13	3305.55	3315.53	0.41	ppb
Strontium	88-1	3421.50	3359.11	3360.41	3380.34	1.05	ppb
Sulfur	34-1	119222.45	118272.37	117130.67	118208.50	0.89	ppb
Terbium	159-1				134		%
Terbium	159-2				119		%
Thallium	203-1	0.03	0.04	0.04	0.04	16.15	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	14.49	ppb
Tin	118-1	29.58	29.76	30.10	29.81	0.90	ppb
Titanium	47-1	0.47	0.48	0.40	0.45	10.28	ppb
Uranium	238-1	5.81	5.88	5.86	5.85	0.61	ppb
Vanadium	51-2	9.13	9.04	9.54	9.24	2.86	ppb
Yttrium	89-1				120		%
Yttrium	89-2				97		%
Zinc	66-2	21.46	20.80	22.60	21.62	4.21	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.05	0.05	12.10	ppb
Zirconium	91-1	0.08	0.06	0.05	0.06	20.26	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.27	19.18	26.39	24.95	20.82	ppb
Antimony	121-1	0.26	0.28	0.28	0.27	4.14	ppb
Arsenic	75-1	13.25	15.63	13.78	14.22	8.79	ppb
Barium	135-1	40.44	47.49	40.44	42.79	9.52	ppb
Barium	137-1	40.10	47.33	40.14	42.52	9.79	ppb
Beryllium	9-1	0.00	0.00	0.04	0.02	131.60	ppb
Bismuth	209-1				134		%
Bismuth	209-2				121		%
Boron	11-1	215.59	248.30	214.75	226.21	8.46	ppb
Boron	10-1	210.14	245.25	212.48	222.62	8.82	ppb
Cadmium	106-1	-2.56	-2.44	-2.63	-2.54		ppb
Cadmium	108-1	0.07	0.18	0.03	0.09	85.91	ppb
Cadmium	111-1	-0.16	-0.16	-0.19	-0.17		ppb
Calcium	43-1	57552.39	67384.70	58207.48	61048.19	9.00	ppb
Calcium	44-1	55872.25	65800.31	55987.51	59220.02	9.62	ppb
Chromium	52-2	0.54	0.55	0.44	0.51	12.45	ppb
Cobalt	59-2	0.08	0.09	0.10	0.09	10.49	ppb
Copper	63-2	99.34	103.72	101.99	101.68	2.17	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				131		%
Holmium	165-2				122		%
Indium	115-1				121		%
Indium	115-2				103		%
Iron	56-2	399.57	404.08	406.88	403.51	0.91	ppb
Iron	57-2	377.52	416.66	407.11	400.43	5.10	ppb
Krypton	83-1						ppb
Lead	207-1	2.92	3.43	2.90	3.08	9.79	ppb
Lead	208-1	3.00	3.60	3.00	3.20	10.92	ppb
Lead	206-1	3.15	3.71	3.11	3.32	10.11	ppb
Lithium	6-1				112		%
Magnesium	24-2	20106.95	20876.23	20651.91	20545.03	1.93	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.44	41.85	41.10	40.79	3.02	ppb
Molybdenum	94-1	3.45	4.09	3.78	3.77	8.60	ppb
Molybdenum	95-1	5.06	5.99	5.22	5.42	9.22	ppb
Molybdenum	96-1	5.01	5.98	5.14	5.38	9.87	ppb
Molybdenum	97-1	5.00	6.13	5.28	5.47	10.78	ppb
Molybdenum	98-1	5.11	5.95	5.22	5.42	8.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.99	1.84	1.91	3.86	ppb
Phosphorus	31-2	30.20	32.29	11.43	24.64	46.62	ppb
Potassium	39-2	959.30	939.07	927.33	941.90	1.72	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				104		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.94	0.49	0.73	150.71	ppb
Selenium	82-1	0.57	0.94	0.60	0.70	29.59	ppb
Silicon	28-1	9052.69	10594.64	9051.58	9566.30	9.31	ppb
Silver	109-1	0.08	0.08	0.06	0.07	11.12	ppb
Silver	107-1	0.07	0.08	0.07	0.07	6.92	ppb
Sodium	23-2	12825.18	13261.25	13100.48	13062.30	1.69	ppb
Strontium	86-1	2247.96	2636.10	2261.26	2381.77	9.25	ppb
Strontium	88-1	2282.07	2707.82	2291.54	2427.14	10.02	ppb
Sulfur	34-1	31968.77	38779.75	31864.20	34204.24	11.59	ppb
Terbium	159-1				129		%
Terbium	159-2				121		%
Thallium	203-1	0.02	0.04	0.02	0.03	30.62	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	11.35	ppb
Tin	118-1	0.27	0.38	0.28	0.31	20.91	ppb
Titanium	47-1	0.68	0.84	0.81	0.78	11.00	ppb
Uranium	238-1	2.46	2.96	2.48	2.63	10.87	ppb
Vanadium	51-2	9.14	9.40	10.04	9.53	4.84	ppb
Yttrium	89-1				115		%
Yttrium	89-2				97		%
Zinc	66-2	454.37	473.99	470.45	466.27	2.24	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	12.59	ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	72.42	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.31	19.75	19.51	19.86	2.06	ppb
Antimony	121-1	0.17	0.19	0.19	0.18	6.09	ppb
Arsenic	75-1	12.68	13.12	12.42	12.74	2.77	ppb
Barium	135-1	8.88	9.12	9.02	9.01	1.34	ppb
Barium	137-1	9.34	9.22	9.07	9.21	1.46	ppb
Beryllium	9-1	0.02	-0.03	-0.03	-0.01		ppb
Bismuth	209-1				140		%
Bismuth	209-2				121		%
Boron	11-1	478.21	487.00	490.31	485.17	1.29	ppb
Boron	10-1	472.22	488.32	484.58	481.70	1.75	ppb
Cadmium	106-1	-3.03	-2.71	-2.82	-2.85		ppb
Cadmium	108-1	-0.06	-0.06	-0.04	-0.06		ppb
Cadmium	111-1	-0.24	-0.21	-0.21	-0.22		ppb
Calcium	43-1	135595.22	136173.73	136176.86	135981.94	0.25	ppb
Calcium	44-1	133523.92	133299.37	132017.92	132947.07	0.61	ppb
Chromium	52-2	0.53	0.41	0.46	0.46	13.67	ppb
Cobalt	59-2	-0.04	-0.02	-0.04	-0.03		ppb
Copper	63-2	4.12	3.99	3.92	4.01	2.54	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				137		%
Holmium	165-2				122		%
Indium	115-1				125		%
Indium	115-2				101		%
Iron	56-2	175.21	176.95	177.02	176.40	0.58	ppb
Iron	57-2	177.76	166.83	181.73	175.44	4.40	ppb
Krypton	83-1						ppb
Lead	207-1	0.47	0.48	0.49	0.48	2.44	ppb
Lead	208-1	0.53	0.53	0.53	0.53	0.49	ppb
Lead	206-1	0.57	0.58	0.59	0.58	1.79	ppb
Lithium	6-1				114		%
Magnesium	24-2	43206.43	43072.98	42350.97	42876.79	1.07	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.32	3.22	3.03	3.19	4.52	ppb
Molybdenum	94-1	5.88	6.06	5.92	5.95	1.54	ppb
Molybdenum	95-1	8.46	8.49	8.18	8.38	2.06	ppb
Molybdenum	96-1	7.94	8.18	8.21	8.11	1.84	ppb
Molybdenum	97-1	8.05	8.26	8.29	8.20	1.60	ppb
Molybdenum	98-1	8.20	8.47	8.43	8.37	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.33	0.24	0.24	36.45	ppb
Phosphorus	31-2	-9.03	11.78	11.93	4.90	246.28	ppb
Potassium	39-2	1160.35	1179.67	1224.16	1188.06	2.75	ppb
Rhodium	103-1				119		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				86		%
Selenium	77-2	0.00	4.31	4.31	2.87	86.60	ppb
Selenium	78-2	-0.23	-0.23	1.22	0.25	331.08	ppb
Selenium	82-1	0.75	1.11	0.73	0.87	24.80	ppb
Silicon	28-1	9265.09	9184.24	9060.08	9169.80	1.13	ppb
Silver	109-1	0.07	0.06	0.07	0.07	13.59	ppb
Silver	107-1	0.06	0.07	0.08	0.07	10.54	ppb
Sodium	23-2	27124.74	27124.79	27148.44	27132.66	0.05	ppb
Strontium	86-1	5222.21	5241.43	5162.32	5208.65	0.79	ppb
Strontium	88-1	5278.29	5296.98	5292.61	5289.29	0.18	ppb
Sulfur	34-1	121694.98	120771.84	119560.88	120675.90	0.89	ppb
Terbium	159-1				136		%
Terbium	159-2				121		%
Thallium	203-1	0.02	0.03	0.02	0.02	10.34	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	16.27	ppb
Tin	118-1	0.11	0.11	0.10	0.11	8.17	ppb
Titanium	47-1	0.46	0.48	0.51	0.48	5.46	ppb
Uranium	238-1	2.71	2.65	2.68	2.68	1.11	ppb
Vanadium	51-2	5.44	4.80	4.93	5.06	6.67	ppb
Yttrium	89-1				119		%
Yttrium	89-2				96		%
Zinc	66-2	6.36	6.79	6.99	6.71	4.86	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.06	0.07	20.41	ppb
Zirconium	91-1	0.06	0.07	0.07	0.07	9.39	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.04	35.55	26.77	31.45	14.04	ppb
Antimony	121-1	0.19	0.21	0.17	0.19	8.39	ppb
Arsenic	75-1	5.64	6.18	6.32	6.04	5.97	ppb
Barium	135-1	30.97	33.57	31.66	32.06	4.20	ppb
Barium	137-1	31.91	33.82	31.96	32.56	3.34	ppb
Beryllium	9-1	0.00	-0.01	-0.03	-0.01		ppb
Bismuth	209-1				138		%
Bismuth	209-2				123		%
Boron	11-1	100.91	107.37	101.41	103.23	3.48	ppb
Boron	10-1	99.19	106.28	99.53	101.67	3.93	ppb
Cadmium	106-1	-2.85	-2.24	-1.94	-2.35		ppb
Cadmium	108-1	0.00	-0.04	-0.06	-0.03		ppb
Cadmium	111-1	-0.23	-0.18	-0.16	-0.19		ppb
Calcium	43-1	67271.12	70780.51	67394.26	68481.96	2.91	ppb
Calcium	44-1	66250.64	69426.50	66134.39	67270.51	2.78	ppb
Chromium	52-2	0.53	0.62	0.57	0.57	7.79	ppb
Cobalt	59-2	0.01	0.02	0.04	0.02	72.20	ppb
Copper	63-2	9.70	9.76	9.87	9.78	0.88	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				137		%
Holmium	165-2				125		%
Indium	115-1				125		%
Indium	115-2				105		%
Iron	56-2	4.01	3.46	3.49	3.66	8.49	ppb
Iron	57-2	3.55	5.44	1.66	3.55	53.32	ppb
Krypton	83-1						ppb
Lead	207-1	0.10	0.10	0.09	0.10	6.11	ppb
Lead	208-1	0.11	0.12	0.11	0.11	7.80	ppb
Lead	206-1	0.11	0.14	0.12	0.13	11.83	ppb
Lithium	6-1				116		%
Magnesium	24-2	24904.05	24582.64	24799.08	24761.92	0.66	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.65	0.47	0.64	0.59	16.76	ppb
Molybdenum	94-1	0.63	0.53	0.49	0.55	12.71	ppb
Molybdenum	95-1	0.81	0.72	0.77	0.77	5.83	ppb
Molybdenum	96-1	0.73	0.75	0.71	0.73	2.85	ppb
Molybdenum	97-1	0.74	0.75	0.62	0.70	10.80	ppb
Molybdenum	98-1	0.75	0.74	0.76	0.75	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.84	1.48	1.68	10.96	ppb
Phosphorus	31-2	207.67	362.84	309.99	293.50	26.88	ppb
Potassium	39-2	1875.17	1881.71	1889.71	1882.20	0.39	ppb
Rhodium	103-1				119		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	2.58	-0.23	0.71	229.81	ppb
Selenium	82-1	0.40	0.02	-0.06	0.12	206.00	ppb
Silicon	28-1	6565.04	6914.05	6592.63	6690.57	2.90	ppb
Silver	109-1	0.05	0.06	0.05	0.06	10.16	ppb
Silver	107-1	0.04	0.06	0.07	0.06	25.75	ppb
Sodium	23-2	56924.93	57206.01	57675.78	57268.91	0.66	ppb
Strontium	86-1	261.00	276.77	260.56	266.11	3.47	ppb
Strontium	88-1	266.18	282.54	263.03	270.58	3.87	ppb
Sulfur	34-1	14585.64	16057.93	14682.36	15108.65	5.45	ppb
Terbium	159-1				136		%
Terbium	159-2				123		%
Thallium	203-1	0.02	0.03	0.02	0.02	26.71	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	10.13	ppb
Tin	118-1	0.66	0.73	0.65	0.68	6.23	ppb
Titanium	47-1	0.35	0.38	0.42	0.39	9.07	ppb
Uranium	238-1	1.57	1.63	1.59	1.60	1.77	ppb
Vanadium	51-2	1.01	0.88	1.09	0.99	11.07	ppb
Yttrium	89-1				119		%
Yttrium	89-2				99		%
Zinc	66-2	58.74	56.21	57.21	57.39	2.22	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.00	0.01	81.47	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	99.85	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.14	30.50	28.00	30.21	6.90	ppb
Antimony	121-1	0.16	0.16	0.19	0.17	9.98	ppb
Arsenic	75-1	5.29	5.19	5.72	5.40	5.21	ppb
Barium	135-1	38.12	38.01	39.20	38.44	1.72	ppb
Barium	137-1	39.03	38.98	38.95	38.99	0.11	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				140		%
Bismuth	209-2				124		%
Boron	11-1	100.47	102.40	100.23	101.04	1.18	ppb
Boron	10-1	93.35	99.63	104.55	99.18	5.66	ppb
Cadmium	106-1	-2.81	-2.06	-2.42	-2.43		ppb
Cadmium	108-1	0.02	-0.06	-0.09	-0.04		ppb
Cadmium	111-1	-0.23	-0.16	-0.19	-0.19		ppb
Calcium	43-1	85614.24	82692.06	85267.75	84524.68	1.89	ppb
Calcium	44-1	82845.72	81514.54	83336.03	82565.43	1.14	ppb
Chromium	52-2	0.38	0.41	0.34	0.38	8.43	ppb
Cobalt	59-2	0.02	0.02	0.06	0.03	83.86	ppb
Copper	63-2	249.11	246.21	254.93	250.08	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				125		%
Indium	115-1				128		%
Indium	115-2				105		%
Iron	56-2	4.71	4.68	5.26	4.88	6.71	ppb
Iron	57-2	6.30	6.15	4.93	5.79	12.97	ppb
Krypton	83-1						ppb
Lead	207-1	0.47	0.43	0.44	0.45	4.18	ppb
Lead	208-1	0.47	0.48	0.48	0.48	0.89	ppb
Lead	206-1	0.49	0.49	0.48	0.49	0.62	ppb
Lithium	6-1				116		%
Magnesium	24-2	29764.44	28963.44	30059.16	29595.68	1.92	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.79	0.56	0.67	17.45	ppb
Molybdenum	94-1	0.48	0.58	0.55	0.54	9.52	ppb
Molybdenum	95-1	0.79	0.72	0.75	0.75	4.47	ppb
Molybdenum	96-1	0.79	0.62	0.71	0.70	11.88	ppb
Molybdenum	97-1	0.78	0.79	0.80	0.79	1.21	ppb
Molybdenum	98-1	0.78	0.75	0.77	0.77	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.15	1.21	1.24	8.50	ppb
Phosphorus	31-2	326.78	399.56	294.70	340.35	15.79	ppb
Potassium	39-2	1691.52	1659.14	1702.89	1684.52	1.35	ppb
Rhodium	103-1				121		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.87	-0.23	0.47	258.30	ppb
Selenium	82-1	0.06	0.31	0.04	0.14	112.42	ppb
Silicon	28-1	7760.80	7591.20	7752.51	7701.50	1.24	ppb
Silver	109-1	0.05	0.07	0.07	0.07	15.46	ppb
Silver	107-1	0.07	0.06	0.08	0.07	19.42	ppb
Sodium	23-2	51893.47	50600.67	52223.39	51572.51	1.66	ppb
Strontium	86-1	307.94	303.40	304.92	305.42	0.76	ppb
Strontium	88-1	315.78	308.75	311.51	312.01	1.13	ppb
Sulfur	34-1	13255.45	12932.87	13485.05	13224.45	2.10	ppb
Terbium	159-1				137		%
Terbium	159-2				124		%
Thallium	203-1	0.01	0.03	0.02	0.02	57.33	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	31.51	ppb
Tin	118-1	0.71	0.71	0.69	0.70	1.60	ppb
Titanium	47-1	0.50	0.41	0.38	0.43	13.94	ppb
Uranium	238-1	2.04	1.99	2.12	2.05	3.14	ppb
Vanadium	51-2	1.06	1.39	1.28	1.24	13.51	ppb
Yttrium	89-1				122		%
Yttrium	89-2				99		%
Zinc	66-2	94.59	93.91	95.85	94.78	1.04	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	23.24	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	47.38	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.58	19.09	18.25	21.64	23.85	ppb
Antimony	121-1	0.20	0.20	0.21	0.20	4.16	ppb
Arsenic	75-1	6.21	6.46	6.99	6.55	6.06	ppb
Barium	135-1	37.77	37.83	37.95	37.85	0.25	ppb
Barium	137-1	38.36	38.17	37.93	38.15	0.56	ppb
Beryllium	9-1	-0.02	-0.04	-0.04	-0.03		ppb
Bismuth	209-1				141		%
Bismuth	209-2				119		%
Boron	11-1	102.33	106.44	107.12	105.30	2.46	ppb
Boron	10-1	103.12	100.38	106.08	103.19	2.76	ppb
Cadmium	106-1	-1.67	-1.39	-2.79	-1.95		ppb
Cadmium	108-1	0.09	-0.04	0.07	0.04	187.76	ppb
Cadmium	111-1	-0.13	-0.10	-0.23	-0.15		ppb
Calcium	43-1	72455.45	72505.98	72895.30	72618.91	0.33	ppb
Calcium	44-1	70178.74	70895.77	71065.78	70713.43	0.67	ppb
Chromium	52-2	0.33	0.25	0.19	0.26	28.00	ppb
Cobalt	59-2	0.31	0.25	0.27	0.27	10.92	ppb
Copper	63-2	270.53	258.34	259.44	262.77	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				121		%
Indium	115-1				128		%
Indium	115-2				101		%
Iron	56-2	8.06	7.61	7.85	7.84	2.91	ppb
Iron	57-2	6.61	9.53	9.09	8.41	18.72	ppb
Krypton	83-1						ppb
Lead	207-1	3.94	3.81	4.01	3.92	2.63	ppb
Lead	208-1	4.08	4.03	4.13	4.08	1.20	ppb
Lead	206-1	4.37	4.27	4.35	4.33	1.19	ppb
Lithium	6-1				118		%
Magnesium	24-2	28766.31	27089.00	26985.58	27613.63	3.62	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.12	6.39	6.39	6.63	6.30	ppb
Molybdenum	94-1	0.59	0.66	0.66	0.63	6.49	ppb
Molybdenum	95-1	0.65	0.76	0.71	0.71	8.29	ppb
Molybdenum	96-1	0.70	0.70	0.67	0.69	2.84	ppb
Molybdenum	97-1	0.66	0.65	0.76	0.69	8.58	ppb
Molybdenum	98-1	0.74	0.76	0.71	0.74	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.93	3.67	3.73	3.78	3.70	ppb
Phosphorus	31-2	438.29	320.06	237.16	331.83	30.46	ppb
Potassium	39-2	1847.24	1755.58	1797.26	1800.03	2.55	ppb
Rhodium	103-1				121		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				86		%
Selenium	77-2	0.00	4.28	0.00	1.43	173.21	ppb
Selenium	78-2	-0.23	2.66	1.92	1.45	103.63	ppb
Selenium	82-1	-0.05	0.28	0.40	0.21	112.77	ppb
Silicon	28-1	6168.66	6228.30	6199.95	6198.97	0.48	ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.18	ppb
Silver	107-1	0.06	0.06	0.07	0.06	4.70	ppb
Sodium	23-2	55838.68	52666.99	53208.85	53904.84	3.15	ppb
Strontium	86-1	278.21	278.35	279.12	278.56	0.18	ppb
Strontium	88-1	286.65	284.79	287.56	286.34	0.49	ppb
Sulfur	34-1	13766.03	14216.06	14366.07	14116.05	2.21	ppb
Terbium	159-1				137		%
Terbium	159-2				119		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.06	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.80	ppb
Tin	118-1	0.94	0.86	0.88	0.89	4.97	ppb
Titanium	47-1	0.27	0.62	0.46	0.45	38.68	ppb
Uranium	238-1	1.75	1.71	1.78	1.75	2.12	ppb
Vanadium	51-2	1.13	1.06	0.99	1.06	6.49	ppb
Yttrium	89-1				122		%
Yttrium	89-2				96		%
Zinc	66-2	310.87	294.88	296.48	300.74	2.93	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.05	0.06	0.06	23.94	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	18.74	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:25:36	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52563.07	52749.65	51783.59	52365.44	0.98	ppb
Antimony	121-1	486.41	503.45	500.90	496.92	1.85	ppb
Arsenic	75-1	502.33	520.26	522.49	515.02	2.15	ppb
Barium	135-1	2530.93	2589.39	2600.01	2573.44	1.45	ppb
Barium	137-1	2521.10	2588.42	2570.44	2559.99	1.36	ppb
Beryllium	9-1	505.19	507.46	510.50	507.72	0.53	ppb
Bismuth	209-1				120		%
Bismuth	209-2				107		%
Boron	11-1	522.50	540.30	553.16	538.65	2.86	ppb
Boron	10-1	530.16	537.92	533.92	534.00	0.73	ppb
Cadmium	106-1	475.47	489.40	493.99	486.29	1.98	ppb
Cadmium	108-1	478.62	495.30	491.33	488.41	1.78	ppb
Cadmium	111-1	471.30	490.84	486.13	482.76	2.11	ppb
Calcium	43-1	241996.72	247761.50	247574.69	245777.64	1.33	ppb
Calcium	44-1	239664.31	246205.20	249176.80	245015.44	1.99	ppb
Chromium	52-2	560.72	561.32	552.51	558.18	0.88	ppb
Cobalt	59-2	534.08	536.88	525.17	532.04	1.15	ppb
Copper	63-2	1065.63	1064.42	1042.86	1057.64	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	56-2	131170.02	131564.20	128581.18	130438.47	1.24	ppb
Iron	57-2	131368.49	132178.08	130960.86	131502.48	0.47	ppb
Krypton	83-1						ppb
Lead	207-1	526.78	542.16	536.87	535.27	1.46	ppb
Lead	208-1	527.70	539.18	534.57	533.82	1.08	ppb
Lead	206-1	531.27	542.23	535.81	536.44	1.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	251854.47	250703.97	248191.84	250250.09	0.75	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:25:36	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1066.50	1080.78	1055.24	1067.51	1.20	ppb
Molybdenum	94-1	2587.04	2699.27	2603.60	2629.97	2.30	ppb
Molybdenum	95-1	2619.41	2680.00	2643.97	2647.79	1.15	ppb
Molybdenum	96-1	2604.60	2656.80	2633.98	2631.79	0.99	ppb
Molybdenum	97-1	2597.92	2674.29	2641.79	2638.00	1.45	ppb
Molybdenum	98-1	2618.33	2671.04	2645.48	2644.95	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.02	555.60	543.74	551.12	1.17	ppb
Phosphorus	31-2	11091.25	9972.73	10893.84	10652.61	5.60	ppb
Potassium	39-2	121728.89	124176.19	121066.34	122323.81	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	518.70	459.51	554.95	511.05	9.43	ppb
Selenium	78-2	482.82	502.38	499.83	495.01	2.15	ppb
Selenium	82-1	498.87	510.32	502.17	503.79	1.17	ppb
Silicon	28-1	478.17	494.06	504.89	492.38	2.73	ppb
Silver	109-1	480.11	497.92	493.00	490.34	1.88	ppb
Silver	107-1	479.17	497.09	496.00	490.76	2.05	ppb
Sodium	23-2	252171.30	252408.19	248172.79	250917.43	0.95	ppb
Strontium	86-1	505.35	520.27	509.65	511.76	1.50	ppb
Strontium	88-1	514.35	525.67	520.07	520.03	1.09	ppb
Sulfur	34-1	8655.53	9167.84	9405.70	9076.36	4.22	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	521.61	536.53	525.32	527.82	1.47	ppb
Thallium	205-1	523.18	536.28	526.71	528.72	1.28	ppb
Tin	118-1	498.45	518.23	517.18	511.29	2.18	ppb
Titanium	47-1	2587.42	2664.26	2636.80	2629.49	1.48	ppb
Uranium	238-1	537.47	555.96	551.92	548.45	1.77	ppb
Vanadium	51-2	542.53	546.12	530.52	539.72	1.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				92		%
Zinc	66-2	1094.22	1078.72	1083.35	1085.43	0.73	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:25:36	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.58	535.16	526.91	526.55	1.67	ppb
Zirconium	91-1	520.56	528.42	527.62	525.53	0.82	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 12:28:46 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	3.13	5.41	3.06	78.28	ppb
Antimony	121-1	1.05	0.98	0.95	0.99	5.28	ppb
Arsenic	75-1	0.31	0.32	0.26	0.30	10.35	ppb
Barium	135-1	0.02	0.02	0.01	0.02	51.23	ppb
Barium	137-1	0.08	0.08	0.05	0.07	23.12	ppb
Beryllium	9-1	0.19	0.18	0.21	0.19	8.89	ppb
Bismuth	209-1				132		%
Bismuth	209-2				117		%
Boron	11-1	28.48	25.66	25.58	26.57	6.21	ppb
Boron	10-1	28.47	27.22	26.10	27.26	4.34	ppb
Cadmium	106-1	-1.99	-1.93	-1.73	-1.88		ppb
Cadmium	108-1	-0.01	-0.06	-0.03	-0.03		ppb
Cadmium	111-1	-0.09	-0.10	-0.10	-0.10		ppb
Calcium	43-1	5.31	7.20	3.66	5.39	32.84	ppb
Calcium	44-1	3.01	4.32	4.47	3.93	20.51	ppb
Chromium	52-2	-0.04	0.00	-0.06	-0.03		ppb
Cobalt	59-2	-0.01	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.05	0.10	0.08	0.08	37.59	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				127		%
Holmium	165-2				115		%
Indium	115-1				119		%
Indium	115-2				100		%
Iron	56-2	8.13	7.84	7.36	7.78	5.03	ppb
Iron	57-2	5.34	9.34	4.68	6.45	39.02	ppb
Krypton	83-1						ppb
Lead	207-1	0.00	0.00	-0.02	-0.01		ppb
Lead	208-1	0.00	0.01	0.01	0.01	102.43	ppb
Lead	206-1	-0.01	0.02	0.01	0.00	379.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	17.52	13.30	16.54	15.78	13.99	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:28:46	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.19	-0.10	-0.14		ppb
Molybdenum	94-1	0.85	0.79	0.59	0.74	18.37	ppb
Molybdenum	95-1	0.88	0.84	0.82	0.85	3.78	ppb
Molybdenum	96-1	0.87	0.79	0.75	0.80	7.42	ppb
Molybdenum	97-1	0.82	0.73	0.73	0.76	6.76	ppb
Molybdenum	98-1	0.86	0.77	0.73	0.79	8.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.02	-0.05		ppb
Phosphorus	31-2	-9.03	-9.03	32.30	4.75	502.37	ppb
Potassium	39-2	6.70	2.51	2.12	3.78	67.26	ppb
Rhodium	103-1				115		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-0.23	0.50	0.26	165.07	ppb
Selenium	82-1	0.41	0.18	-0.01	0.19	107.46	ppb
Silicon	28-1	-18.16	-18.38	-17.90	-18.14		ppb
Silver	109-1	0.07	0.07	0.08	0.07	6.65	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.79	ppb
Sodium	23-2	39.46	43.69	30.61	37.92	17.60	ppb
Strontium	86-1	-0.07	-0.03	-0.05	-0.05		ppb
Strontium	88-1	0.04	0.04	0.05	0.04	4.67	ppb
Sulfur	34-1	-1924.27	-1705.44	-1717.91	-1782.54		ppb
Terbium	159-1				126		%
Terbium	159-2				114		%
Thallium	203-1	0.16	0.13	0.13	0.14	11.13	ppb
Thallium	205-1	0.14	0.14	0.12	0.13	9.56	ppb
Tin	118-1	0.19	0.24	0.17	0.20	16.93	ppb
Titanium	47-1	0.14	0.16	0.17	0.16	7.79	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	76.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				95		%
Zinc	66-2	-0.12	-0.02	-0.13	-0.09		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:28:46	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.14	0.15	0.14	10.93	ppb
Zirconium	91-1	0.17	0.11	0.13	0.14	20.40	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	597.66	572.13	588.91	586.23	2.21	ppb
Antimony	121-1	0.23	0.27	0.26	0.25	7.95	ppb
Arsenic	75-1	1.46	1.72	1.84	1.67	11.75	ppb
Barium	135-1	36.65	37.89	36.96	37.16	1.73	ppb
Barium	137-1	37.26	37.59	37.17	37.34	0.60	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	21.20	ppb
Bismuth	209-1				144		%
Bismuth	209-2				127		%
Boron	11-1	95.07	98.68	99.38	97.71	2.37	ppb
Boron	10-1	97.75	97.23	97.79	97.59	0.32	ppb
Cadmium	106-1	-2.03	-2.07	-1.57	-1.89		ppb
Cadmium	108-1	0.05	-0.04	-0.03	-0.01		ppb
Cadmium	111-1	-0.14	-0.15	-0.11	-0.14		ppb
Calcium	43-1	74203.47	75786.12	76029.82	75339.80	1.32	ppb
Calcium	44-1	73083.20	74051.29	72902.39	73345.63	0.84	ppb
Chromium	52-2	0.16	0.13	0.15	0.15	10.25	ppb
Cobalt	59-2	0.04	0.08	0.06	0.06	34.48	ppb
Copper	63-2	1032.37	1041.86	1019.19	1031.14	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				145		%
Holmium	165-2				129		%
Indium	115-1				134		%
Indium	115-2				111		%
Iron	56-2	19.32	20.48	19.11	19.64	3.74	ppb
Iron	57-2	15.84	24.28	18.48	19.53	22.10	ppb
Krypton	83-1						ppb
Lead	207-1	0.48	0.44	0.43	0.45	6.44	ppb
Lead	208-1	0.51	0.48	0.49	0.49	3.03	ppb
Lead	206-1	0.55	0.53	0.54	0.54	1.91	ppb
Lithium	6-1				122		%
Magnesium	24-2	27842.18	27551.60	27181.73	27525.17	1.20	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.54	3.79	3.77	3.70	3.77	ppb
Molybdenum	94-1	0.89	0.85	0.90	0.88	3.32	ppb
Molybdenum	95-1	1.03	0.92	0.91	0.95	7.02	ppb
Molybdenum	96-1	0.91	0.98	0.85	0.91	7.12	ppb
Molybdenum	97-1	0.87	0.93	0.92	0.91	3.31	ppb
Molybdenum	98-1	0.93	0.95	0.92	0.93	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.31	11.63	11.95	11.63	2.76	ppb
Phosphorus	31-2	211.84	323.10	194.27	243.07	28.74	ppb
Potassium	39-2	1664.42	1690.04	1682.26	1678.91	0.78	ppb
Rhodium	103-1				128		%
Rhodium	103-2				117		%
Scandium	45-1				118		%
Scandium	45-2				97		%
Selenium	77-2	0.00	3.91	0.00	1.30	173.21	ppb
Selenium	78-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	82-1	0.83	0.58	0.08	0.50	76.09	ppb
Silicon	28-1	6936.74	7087.98	6919.35	6981.36	1.33	ppb
Silver	109-1	0.05	0.07	0.06	0.06	16.00	ppb
Silver	107-1	0.06	0.05	0.06	0.06	4.65	ppb
Sodium	23-2	47538.68	46849.01	47011.06	47132.92	0.77	ppb
Strontium	86-1	287.84	292.15	286.28	288.75	1.05	ppb
Strontium	88-1	294.70	297.14	293.32	295.05	0.66	ppb
Sulfur	34-1	12090.37	12764.56	12451.70	12435.54	2.71	ppb
Terbium	159-1				144		%
Terbium	159-2				127		%
Thallium	203-1	0.09	0.09	0.07	0.09	13.28	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	9.55	ppb
Tin	118-1	1.38	1.45	1.36	1.40	3.43	ppb
Titanium	47-1	0.67	0.53	0.55	0.58	12.71	ppb
Uranium	238-1	1.93	1.98	1.89	1.93	2.25	ppb
Vanadium	51-2	1.14	1.06	1.12	1.11	4.10	ppb
Yttrium	89-1				128		%
Yttrium	89-2				105		%
Zinc	66-2	156.28	155.26	154.07	155.21	0.71	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.14	0.14	0.14	3.52	ppb
Zirconium	91-1	0.15	0.16	0.11	0.14	18.69	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.88	40.77	42.83	42.50	3.72	ppb
Antimony	121-1	0.62	0.65	0.58	0.62	6.22	ppb
Arsenic	75-1	6.16	6.40	6.84	6.46	5.32	ppb
Barium	135-1	33.81	34.09	33.29	33.73	1.21	ppb
Barium	137-1	33.84	34.00	33.04	33.63	1.53	ppb
Beryllium	9-1	0.00	0.04	0.00	0.01	191.41	ppb
Bismuth	209-1				137		%
Bismuth	209-2				118		%
Boron	11-1	125.20	123.13	127.74	125.36	1.84	ppb
Boron	10-1	120.23	120.63	127.27	122.71	3.22	ppb
Cadmium	106-1	-2.16	-2.53	-1.78	-2.16		ppb
Cadmium	108-1	-0.02	0.03	0.11	0.04	168.09	ppb
Cadmium	111-1	-0.14	-0.16	-0.10	-0.13		ppb
Calcium	43-1	47940.85	48131.92	47755.83	47942.87	0.39	ppb
Calcium	44-1	47653.18	48130.72	48365.48	48049.79	0.76	ppb
Chromium	52-2	0.14	0.30	0.17	0.21	41.83	ppb
Cobalt	59-2	0.14	0.16	0.18	0.16	11.00	ppb
Copper	63-2	123.46	129.81	124.39	125.89	2.72	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				137		%
Holmium	165-2				120		%
Indium	115-1				125		%
Indium	115-2				102		%
Iron	56-2	9.48	11.42	10.28	10.39	9.39	ppb
Iron	57-2	9.73	9.97	8.38	9.36	9.16	ppb
Krypton	83-1						ppb
Lead	207-1	3.16	3.11	3.15	3.14	0.87	ppb
Lead	208-1	3.29	3.30	3.27	3.28	0.49	ppb
Lead	206-1	3.49	3.50	3.43	3.47	1.05	ppb
Lithium	6-1				118		%
Magnesium	24-2	31116.58	32798.71	31303.88	31739.72	2.90	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.03	21.84	21.01	20.96	4.33	ppb
Molybdenum	94-1	0.71	0.68	0.66	0.68	3.57	ppb
Molybdenum	95-1	0.66	0.68	0.73	0.69	5.03	ppb
Molybdenum	96-1	0.71	0.74	0.67	0.71	4.67	ppb
Molybdenum	97-1	0.64	0.65	0.63	0.64	1.42	ppb
Molybdenum	98-1	0.70	0.66	0.68	0.68	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.16	1.17	1.09	11.43	ppb
Phosphorus	31-2	481.72	465.55	470.65	472.64	1.75	ppb
Potassium	39-2	1866.90	1962.55	1862.40	1897.28	2.98	ppb
Rhodium	103-1				119		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				89		%
Selenium	77-2	0.00	4.30	4.30	2.87	86.60	ppb
Selenium	78-2	1.18	3.40	0.49	1.69	90.00	ppb
Selenium	82-1	0.32	0.37	0.04	0.25	71.86	ppb
Silicon	28-1	4587.50	4582.59	4555.63	4575.24	0.37	ppb
Silver	109-1	0.13	0.14	0.14	0.14	7.38	ppb
Silver	107-1	0.13	0.14	0.15	0.14	6.86	ppb
Sodium	23-2	53496.01	56813.96	54064.28	54791.42	3.24	ppb
Strontium	86-1	197.50	198.13	197.42	197.68	0.20	ppb
Strontium	88-1	205.83	204.88	202.52	204.41	0.83	ppb
Sulfur	34-1	13610.72	13822.61	14023.35	13818.89	1.49	ppb
Terbium	159-1				135		%
Terbium	159-2				120		%
Thallium	203-1	0.07	0.08	0.09	0.08	9.46	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	8.82	ppb
Tin	118-1	0.89	0.89	0.82	0.87	4.66	ppb
Titanium	47-1	0.46	0.25	0.38	0.36	28.77	ppb
Uranium	238-1	1.20	1.23	1.21	1.21	1.37	ppb
Vanadium	51-2	1.61	1.75	1.60	1.66	5.00	ppb
Yttrium	89-1				119		%
Yttrium	89-2				97		%
Zinc	66-2	86.05	90.13	87.79	87.99	2.33	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.11	0.11	3.55	ppb
Zirconium	91-1	0.12	0.11	0.10	0.11	9.82	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.70	30.76	29.24	32.90	15.45	ppb
Antimony	121-1	0.23	0.23	0.19	0.22	12.20	ppb
Arsenic	75-1	14.12	14.47	14.52	14.37	1.50	ppb
Barium	135-1	97.18	97.40	97.03	97.21	0.19	ppb
Barium	137-1	97.04	96.61	97.89	97.18	0.67	ppb
Beryllium	9-1	0.01	-0.04	-0.04	-0.02		ppb
Bismuth	209-1				142		%
Bismuth	209-2				121		%
Boron	11-1	81.82	83.60	82.58	82.66	1.08	ppb
Boron	10-1	80.17	82.79	80.49	81.15	1.76	ppb
Cadmium	106-1	-2.16	-1.57	-1.86	-1.86		ppb
Cadmium	108-1	-0.02	-0.02	0.03	0.00		ppb
Cadmium	111-1	-0.15	-0.13	-0.15	-0.14		ppb
Calcium	43-1	34578.67	34371.95	34407.05	34452.56	0.32	ppb
Calcium	44-1	34783.34	34643.91	34040.39	34489.21	1.14	ppb
Chromium	52-2	0.69	0.47	0.54	0.57	19.58	ppb
Cobalt	59-2	-0.05	-0.06	-0.04	-0.05		ppb
Copper	63-2	32.71	32.06	30.78	31.85	3.08	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				136		%
Holmium	165-2				120		%
Indium	115-1				126		%
Indium	115-2				100		%
Iron	56-2	45.93	43.50	43.18	44.20	3.40	ppb
Iron	57-2	49.01	46.98	45.84	47.27	3.40	ppb
Krypton	83-1						ppb
Lead	207-1	1.82	1.76	1.76	1.78	2.06	ppb
Lead	208-1	1.87	1.84	1.82	1.84	1.21	ppb
Lead	206-1	1.95	1.91	1.93	1.93	1.21	ppb
Lithium	6-1				119		%
Magnesium	24-2	16700.22	16194.55	15966.11	16286.96	2.31	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.37	2.88	2.88	3.04	9.34	ppb
Molybdenum	94-1	1.51	1.46	1.58	1.51	4.10	ppb
Molybdenum	95-1	1.58	1.49	1.51	1.53	2.83	ppb
Molybdenum	96-1	1.52	1.56	1.53	1.54	1.50	ppb
Molybdenum	97-1	1.47	1.50	1.52	1.50	1.90	ppb
Molybdenum	98-1	1.58	1.60	1.59	1.59	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.82	1.64	1.71	5.60	ppb
Phosphorus	31-2	98.98	115.53	-9.03	68.50	98.76	ppb
Potassium	39-2	938.71	866.12	848.08	884.30	5.42	ppb
Rhodium	103-1				119		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				85		%
Selenium	77-2	4.49	0.00	4.32	2.94	86.65	ppb
Selenium	78-2	1.29	1.25	0.50	1.01	44.04	ppb
Selenium	82-1	0.14	0.47	0.67	0.43	63.10	ppb
Silicon	28-1	9270.41	9218.75	9162.08	9217.08	0.59	ppb
Silver	109-1	0.10	0.11	0.12	0.11	8.09	ppb
Silver	107-1	0.11	0.11	0.10	0.11	3.60	ppb
Sodium	23-2	11846.97	11274.45	11257.94	11459.78	2.93	ppb
Strontium	86-1	1903.73	1893.86	1885.61	1894.40	0.48	ppb
Strontium	88-1	1922.43	1912.19	1914.26	1916.29	0.28	ppb
Sulfur	34-1	12071.54	11997.91	12049.00	12039.48	0.31	ppb
Terbium	159-1				136		%
Terbium	159-2				119		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.93	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	24.62	ppb
Tin	118-1	1.60	1.59	1.52	1.57	2.77	ppb
Titanium	47-1	0.55	0.54	0.51	0.53	3.90	ppb
Uranium	238-1	2.47	2.46	2.43	2.45	0.85	ppb
Vanadium	51-2	7.07	7.26	7.29	7.21	1.65	ppb
Yttrium	89-1				118		%
Yttrium	89-2				94		%
Zinc	66-2	49.00	46.20	45.02	46.74	4.38	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.27	0.24	0.25	6.85	ppb
Zirconium	91-1	0.24	0.24	0.29	0.26	10.71	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.54	12.66	15.38	15.86	21.87	ppb
Antimony	121-1	0.18	0.17	0.20	0.18	9.70	ppb
Arsenic	75-1	16.64	17.16	17.11	16.97	1.69	ppb
Barium	135-1	16.07	16.13	16.23	16.14	0.50	ppb
Barium	137-1	16.16	16.21	15.64	16.00	1.95	ppb
Beryllium	9-1	-0.03	-0.03	0.01	-0.02		ppb
Bismuth	209-1				143		%
Bismuth	209-2				123		%
Boron	11-1	163.02	162.73	167.32	164.36	1.56	ppb
Boron	10-1	161.65	163.85	165.82	163.77	1.27	ppb
Cadmium	106-1	-2.37	-1.90	-2.12	-2.13		ppb
Cadmium	108-1	0.00	-0.02	-0.04	-0.02		ppb
Cadmium	111-1	-0.20	-0.16	-0.17	-0.17		ppb
Calcium	43-1	60322.76	59353.62	58603.22	59426.53	1.45	ppb
Calcium	44-1	58359.00	57751.93	57163.88	57758.27	1.03	ppb
Chromium	52-2	0.47	0.56	0.55	0.53	9.77	ppb
Cobalt	59-2	-0.05	-0.04	-0.05	-0.05		ppb
Copper	63-2	6.75	6.99	6.64	6.80	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				139		%
Holmium	165-2				123		%
Indium	115-1				127		%
Indium	115-2				102		%
Iron	56-2	4.50	4.31	4.43	4.41	2.18	ppb
Iron	57-2	1.41	3.53	6.80	3.91	69.37	ppb
Krypton	83-1						ppb
Lead	207-1	0.23	0.24	0.24	0.23	2.24	ppb
Lead	208-1	0.24	0.25	0.24	0.25	2.69	ppb
Lead	206-1	0.24	0.26	0.26	0.25	3.83	ppb
Lithium	6-1				118		%
Magnesium	24-2	23335.14	23481.42	23096.63	23304.40	0.83	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.22	0.38	0.17	0.26	42.79	ppb
Molybdenum	94-1	2.25	2.27	2.24	2.26	0.70	ppb
Molybdenum	95-1	3.12	3.04	3.04	3.07	1.51	ppb
Molybdenum	96-1	2.97	2.80	2.83	2.87	3.29	ppb
Molybdenum	97-1	3.15	3.09	3.21	3.15	1.89	ppb
Molybdenum	98-1	3.00	2.84	2.99	2.94	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.07	0.03	0.04	79.96	ppb
Phosphorus	31-2	11.59	32.73	11.77	18.70	64.99	ppb
Potassium	39-2	994.70	988.61	975.57	986.29	0.99	ppb
Rhodium	103-1				119		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				86		%
Selenium	77-2	0.00	4.34	0.00	1.45	173.21	ppb
Selenium	78-2	1.20	1.97	0.51	1.23	59.57	ppb
Selenium	82-1	0.85	0.73	0.50	0.70	25.30	ppb
Silicon	28-1	9117.59	9103.92	9022.60	9081.37	0.57	ppb
Silver	109-1	0.07	0.08	0.08	0.08	7.40	ppb
Silver	107-1	0.07	0.08	0.09	0.08	11.86	ppb
Sodium	23-2	15340.76	15289.14	15202.44	15277.45	0.46	ppb
Strontium	86-1	2421.48	2402.17	2407.57	2410.41	0.41	ppb
Strontium	88-1	2482.06	2455.10	2478.09	2471.75	0.59	ppb
Sulfur	34-1	41895.44	42095.88	41224.04	41738.45	1.09	ppb
Terbium	159-1				136		%
Terbium	159-2				121		%
Thallium	203-1	0.01	0.01	0.02	0.01	23.59	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	18.07	ppb
Tin	118-1	1.23	1.25	1.11	1.20	6.19	ppb
Titanium	47-1	0.57	0.34	0.42	0.44	26.45	ppb
Uranium	238-1	3.08	3.07	3.08	3.08	0.23	ppb
Vanadium	51-2	9.72	9.31	9.69	9.57	2.37	ppb
Yttrium	89-1				119		%
Yttrium	89-2				96		%
Zinc	66-2	11.03	9.68	10.98	10.57	7.22	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.05	0.05	13.09	ppb
Zirconium	91-1	0.06	0.08	0.03	0.06	41.61	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.15	23.97	22.62	22.58	6.24	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	3.49	ppb
Arsenic	75-1	9.17	9.42	9.68	9.42	2.66	ppb
Barium	135-1	100.13	98.49	98.79	99.14	0.88	ppb
Barium	137-1	99.50	99.79	98.54	99.27	0.66	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				141		%
Bismuth	209-2				123		%
Boron	11-1	126.59	127.92	132.82	129.11	2.54	ppb
Boron	10-1	121.02	128.83	129.87	126.57	3.82	ppb
Cadmium	106-1	-2.63	-3.05	-1.96	-2.55		ppb
Cadmium	108-1	-0.02	-0.04	-0.02	-0.03		ppb
Cadmium	111-1	-0.20	-0.23	-0.16	-0.20		ppb
Calcium	43-1	57054.85	57094.33	57788.24	57312.47	0.72	ppb
Calcium	44-1	57436.08	56199.73	56394.44	56676.75	1.17	ppb
Chromium	52-2	0.26	0.47	0.46	0.40	29.67	ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	31.88	31.73	32.53	32.05	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				137		%
Holmium	165-2				121		%
Indium	115-1				125		%
Indium	115-2				101		%
Iron	56-2	55.12	54.09	55.07	54.76	1.06	ppb
Iron	57-2	53.37	54.24	54.05	53.89	0.85	ppb
Krypton	83-1						ppb
Lead	207-1	0.44	0.47	0.43	0.45	4.05	ppb
Lead	208-1	0.46	0.47	0.47	0.47	0.92	ppb
Lead	206-1	0.49	0.50	0.48	0.49	1.71	ppb
Lithium	6-1				116		%
Magnesium	24-2	20098.10	19800.11	20440.48	20112.90	1.59	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.00	2.00	1.99	2.00	0.35	ppb
Molybdenum	94-1	1.83	1.89	1.89	1.87	1.83	ppb
Molybdenum	95-1	2.57	2.63	2.43	2.55	4.02	ppb
Molybdenum	96-1	2.48	2.59	2.52	2.53	2.31	ppb
Molybdenum	97-1	2.45	2.63	2.66	2.58	4.30	ppb
Molybdenum	98-1	2.51	2.52	2.46	2.50	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.87	1.37	1.60	15.60	ppb
Phosphorus	31-2	-9.03	-9.03	12.54	-1.84		ppb
Potassium	39-2	876.82	900.86	915.04	897.57	2.15	ppb
Rhodium	103-1				119		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				84		%
Selenium	77-2	4.31	0.00	4.41	2.91	86.62	ppb
Selenium	78-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	82-1	0.94	0.18	-0.21	0.31	191.54	ppb
Silicon	28-1	7313.52	7150.44	7107.36	7190.44	1.51	ppb
Silver	109-1	0.08	0.07	0.08	0.08	3.51	ppb
Silver	107-1	0.06	0.07	0.08	0.07	10.42	ppb
Sodium	23-2	11597.96	11474.26	11741.93	11604.72	1.15	ppb
Strontium	86-1	677.41	678.49	666.04	673.98	1.02	ppb
Strontium	88-1	672.21	672.64	674.21	673.02	0.16	ppb
Sulfur	34-1	6157.21	5882.45	6013.64	6017.77	2.28	ppb
Terbium	159-1				135		%
Terbium	159-2				121		%
Thallium	203-1	0.02	0.02	0.01	0.02	21.41	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.96	ppb
Tin	118-1	0.25	0.25	0.23	0.24	3.48	ppb
Titanium	47-1	0.34	0.33	0.35	0.34	3.03	ppb
Uranium	238-1	1.47	1.50	1.47	1.48	0.89	ppb
Vanadium	51-2	7.39	7.64	8.01	7.68	4.09	ppb
Yttrium	89-1				118		%
Yttrium	89-2				95		%
Zinc	66-2	18.88	17.40	18.71	18.33	4.42	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	4.93	ppb
Zirconium	91-1	0.08	0.04	0.06	0.06	31.86	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.65	19.63	15.72	18.33	12.36	ppb
Antimony	121-1	0.11	0.13	0.10	0.11	11.50	ppb
Arsenic	75-1	7.37	7.96	7.71	7.68	3.87	ppb
Barium	135-1	136.09	136.36	135.12	135.86	0.48	ppb
Barium	137-1	136.50	137.88	136.30	136.89	0.62	ppb
Beryllium	9-1	-0.03	-0.05	-0.01	-0.03		ppb
Bismuth	209-1				141		%
Bismuth	209-2				124		%
Boron	11-1	113.08	117.66	119.65	116.80	2.89	ppb
Boron	10-1	111.62	120.78	121.27	117.89	4.61	ppb
Cadmium	106-1	-3.16	-2.40	-2.46	-2.68		ppb
Cadmium	108-1	-0.02	-0.11	-0.06	-0.06		ppb
Cadmium	111-1	-0.24	-0.19	-0.20	-0.21		ppb
Calcium	43-1	27987.68	28545.88	28242.27	28258.61	0.99	ppb
Calcium	44-1	27972.96	28874.30	28628.69	28491.98	1.64	ppb
Chromium	52-2	0.36	0.37	0.46	0.40	14.38	ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	12.10	13.04	11.96	12.37	4.74	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				137		%
Holmium	165-2				123		%
Indium	115-1				126		%
Indium	115-2				102		%
Iron	56-2	139.61	145.28	142.57	142.49	1.99	ppb
Iron	57-2	140.22	146.87	147.36	144.82	2.75	ppb
Krypton	83-1						ppb
Lead	207-1	0.17	0.19	0.18	0.18	4.74	ppb
Lead	208-1	0.18	0.20	0.18	0.19	5.12	ppb
Lead	206-1	0.19	0.20	0.18	0.19	5.39	ppb
Lithium	6-1				114		%
Magnesium	24-2	12480.20	12822.96	12560.26	12621.14	1.42	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.74	2.35	2.11	2.06	14.92	ppb
Molybdenum	94-1	0.61	0.64	0.70	0.65	6.82	ppb
Molybdenum	95-1	0.83	0.83	0.88	0.85	3.19	ppb
Molybdenum	96-1	0.83	0.82	0.89	0.85	4.52	ppb
Molybdenum	97-1	0.82	0.86	0.85	0.84	2.37	ppb
Molybdenum	98-1	0.90	0.87	0.80	0.86	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.13	0.11	0.10	51.08	ppb
Phosphorus	31-2	11.33	33.13	32.46	25.64	48.35	ppb
Potassium	39-2	1117.00	1132.75	1190.17	1146.64	3.36	ppb
Rhodium	103-1				119		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.96	1.23	2.69	1.96	37.38	ppb
Selenium	82-1	0.85	1.15	1.38	1.13	23.57	ppb
Silicon	28-1	7699.02	7861.12	7812.03	7790.72	1.07	ppb
Silver	109-1	0.05	0.04	0.05	0.04	2.05	ppb
Silver	107-1	0.03	0.05	0.04	0.04	20.49	ppb
Sodium	23-2	16129.17	16456.93	16183.54	16256.55	1.08	ppb
Strontium	86-1	455.07	456.69	457.73	456.50	0.29	ppb
Strontium	88-1	461.28	467.25	467.12	465.22	0.73	ppb
Sulfur	34-1	3744.20	4159.40	3944.88	3949.49	5.26	ppb
Terbium	159-1				135		%
Terbium	159-2				121		%
Thallium	203-1	0.00	0.00	0.00	0.00	72.48	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.16	0.12	0.13	22.01	ppb
Titanium	47-1	0.40	0.37	0.36	0.38	4.99	ppb
Uranium	238-1	5.43	5.67	5.47	5.52	2.30	ppb
Vanadium	51-2	11.37	12.01	11.37	11.59	3.16	ppb
Yttrium	89-1				118		%
Yttrium	89-2				96		%
Zinc	66-2	16.29	17.99	16.29	16.86	5.83	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	25.91	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	18.14	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.27	18.06	16.09	15.81	15.24	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	5.15	ppb
Arsenic	75-1	8.44	8.62	9.00	8.69	3.30	ppb
Barium	135-1	35.83	36.44	36.67	36.31	1.20	ppb
Barium	137-1	36.63	37.04	36.39	36.68	0.89	ppb
Beryllium	9-1	-0.05	-0.02	-0.05	-0.04		ppb
Bismuth	209-1				141		%
Bismuth	209-2				122		%
Boron	11-1	34.63	35.47	34.47	34.85	1.54	ppb
Boron	10-1	33.00	36.49	34.75	34.75	5.01	ppb
Cadmium	106-1	-2.72	-2.55	-1.99	-2.42		ppb
Cadmium	108-1	-0.04	-0.06	-0.11	-0.07		ppb
Cadmium	111-1	-0.22	-0.20	-0.16	-0.19		ppb
Calcium	43-1	17209.19	17466.21	17206.25	17293.88	0.86	ppb
Calcium	44-1	17579.30	17502.93	17364.35	17482.19	0.62	ppb
Chromium	52-2	0.32	0.46	0.42	0.40	17.79	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	28.70	30.31	29.75	29.58	2.75	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				136		%
Holmium	165-2				121		%
Indium	115-1				125		%
Indium	115-2				100		%
Iron	56-2	5.37	5.45	5.71	5.51	3.27	ppb
Iron	57-2	4.49	5.27	8.80	6.19	37.08	ppb
Krypton	83-1						ppb
Lead	207-1	0.40	0.37	0.41	0.40	4.91	ppb
Lead	208-1	0.41	0.41	0.41	0.41	0.39	ppb
Lead	206-1	0.43	0.46	0.43	0.44	2.91	ppb
Lithium	6-1				113		%
Magnesium	24-2	6770.15	6945.93	6900.86	6872.32	1.33	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.50	10.62	9.94	10.02	5.64	ppb
Molybdenum	94-1	0.12	0.15	0.12	0.13	12.94	ppb
Molybdenum	95-1	0.13	0.14	0.13	0.13	5.89	ppb
Molybdenum	96-1	0.16	0.14	0.15	0.15	5.70	ppb
Molybdenum	97-1	0.21	0.20	0.13	0.18	23.52	ppb
Molybdenum	98-1	0.13	0.13	0.15	0.14	7.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.23	0.28	0.31	33.02	ppb
Phosphorus	31-2	11.11	12.08	73.81	32.33	111.10	ppb
Potassium	39-2	4040.53	4376.92	4087.68	4168.38	4.37	ppb
Rhodium	103-1				118		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				87		%
Selenium	77-2	4.30	0.00	0.00	1.43	173.21	ppb
Selenium	78-2	0.50	0.50	0.50	0.50	0.87	ppb
Selenium	82-1	-0.15	0.09	0.06	0.00		ppb
Silicon	28-1	6906.31	6905.30	6843.48	6885.03	0.52	ppb
Silver	109-1	0.04	0.05	0.04	0.05	12.57	ppb
Silver	107-1	0.04	0.04	0.06	0.05	28.14	ppb
Sodium	23-2	115310.65	119290.25	116204.27	116935.06	1.79	ppb
Strontium	86-1	33.26	32.89	32.89	33.01	0.66	ppb
Strontium	88-1	34.12	34.03	33.68	33.94	0.69	ppb
Sulfur	34-1	5256.32	5087.49	5020.88	5121.56	2.37	ppb
Terbium	159-1				135		%
Terbium	159-2				120		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.11	0.11	0.10	15.25	ppb
Titanium	47-1	0.31	0.22	0.23	0.25	18.86	ppb
Uranium	238-1	1.28	1.27	1.30	1.28	1.41	ppb
Vanadium	51-2	0.39	0.54	0.49	0.47	16.08	ppb
Yttrium	89-1				118		%
Yttrium	89-2				96		%
Zinc	66-2	21.83	21.27	21.07	21.39	1.85	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	8.82	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	44.64	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.30	35.93	34.52	34.25	5.34	ppb
Antimony	121-1	0.19	0.19	0.18	0.19	2.25	ppb
Arsenic	75-1	7.89	8.17	8.36	8.14	2.88	ppb
Barium	135-1	78.03	82.52	81.41	80.65	2.90	ppb
Barium	137-1	78.37	82.14	79.24	79.92	2.47	ppb
Beryllium	9-1	-0.04	-0.01	-0.04	-0.03		ppb
Bismuth	209-1				137		%
Bismuth	209-2				117		%
Boron	11-1	22.07	21.34	21.94	21.78	1.80	ppb
Boron	10-1	21.67	20.63	20.30	20.87	3.42	ppb
Cadmium	106-1	-2.30	-3.33	-2.85	-2.82		ppb
Cadmium	108-1	-0.02	-0.01	-0.08	-0.04		ppb
Cadmium	111-1	-0.17	-0.26	-0.21	-0.21		ppb
Calcium	43-1	85598.20	89377.08	87000.09	87325.12	2.19	ppb
Calcium	44-1	83159.33	87439.43	85902.67	85500.48	2.54	ppb
Chromium	52-2	0.67	0.70	0.65	0.67	4.20	ppb
Cobalt	59-2	-0.06	-0.03	-0.05	-0.05		ppb
Copper	63-2	451.91	469.68	451.31	457.63	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				117		%
Indium	115-1				121		%
Indium	115-2				97		%
Iron	56-2	59.78	63.27	58.63	60.56	3.99	ppb
Iron	57-2	66.05	61.93	51.89	59.96	12.15	ppb
Krypton	83-1						ppb
Lead	207-1	10.24	10.80	10.44	10.49	2.72	ppb
Lead	208-1	10.67	11.21	11.00	10.96	2.48	ppb
Lead	206-1	11.31	11.83	11.61	11.58	2.27	ppb
Lithium	6-1				112		%
Magnesium	24-2	28606.18	29626.90	28425.80	28886.29	2.24	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.74	5.23	5.43	5.47	4.74	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	10.35	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	327.33	ppb
Molybdenum	96-1	0.00	0.03	0.03	0.02	80.08	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	66.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.30	0.21	0.26	16.27	ppb
Phosphorus	31-2	33.90	-9.03	34.10	19.66	126.37	ppb
Potassium	39-2	1462.02	1427.89	1378.89	1422.93	2.94	ppb
Rhodium	103-1				114		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				82		%
Selenium	77-2	0.00	4.61	0.00	1.54	173.21	ppb
Selenium	78-2	0.53	1.33	2.05	1.30	58.55	ppb
Selenium	82-1	-0.17	0.66	0.94	0.48	121.92	ppb
Silicon	28-1	8802.13	9266.70	9062.65	9043.83	2.57	ppb
Silver	109-1	0.11	0.12	0.11	0.11	7.44	ppb
Silver	107-1	0.12	0.13	0.13	0.12	5.84	ppb
Sodium	23-2	13557.22	14067.43	13453.82	13692.82	2.40	ppb
Strontium	86-1	197.75	203.50	200.98	200.74	1.44	ppb
Strontium	88-1	203.44	211.19	206.73	207.12	1.88	ppb
Sulfur	34-1	5498.51	6601.47	6290.11	6130.03	9.28	ppb
Terbium	159-1				130		%
Terbium	159-2				117		%
Thallium	203-1	0.00	0.01	0.00	0.00	61.77	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	150.87	ppb
Tin	118-1	41.57	42.81	41.80	42.06	1.58	ppb
Titanium	47-1	0.34	0.36	0.36	0.35	4.03	ppb
Uranium	238-1	0.11	0.11	0.12	0.12	3.97	ppb
Vanadium	51-2	0.21	0.18	0.23	0.21	12.02	ppb
Yttrium	89-1				113		%
Yttrium	89-2				91		%
Zinc	66-2	93.12	99.56	92.70	95.13	4.04	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	32.99	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	56.69	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.38	10.86	9.82	9.02	25.99	ppb
Antimony	121-1	0.07	0.05	0.08	0.07	21.54	ppb
Arsenic	75-1	3.50	3.61	3.41	3.51	2.89	ppb
Barium	135-1	13.07	13.70	13.89	13.55	3.16	ppb
Barium	137-1	13.40	13.93	13.62	13.65	1.94	ppb
Beryllium	9-1	-0.05	-0.02	-0.01	-0.03		ppb
Bismuth	209-1				128		%
Bismuth	209-2				114		%
Boron	11-1	36.13	36.11	37.70	36.65	2.49	ppb
Boron	10-1	34.71	36.55	36.11	35.79	2.69	ppb
Cadmium	106-1	-2.20	-3.37	-2.63	-2.73		ppb
Cadmium	108-1	-0.03	-0.06	-0.03	-0.04		ppb
Cadmium	111-1	-0.19	-0.27	-0.21	-0.22		ppb
Calcium	43-1	21508.05	21379.59	21682.41	21523.35	0.71	ppb
Calcium	44-1	21595.29	21709.79	21784.65	21696.57	0.44	ppb
Chromium	52-2	0.24	0.06	0.18	0.16	55.48	ppb
Cobalt	59-2	-0.06	-0.04	-0.05	-0.05		ppb
Copper	63-2	5.63	5.42	5.05	5.37	5.54	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				123		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				95		%
Iron	56-2	18.47	18.93	17.29	18.23	4.64	ppb
Iron	57-2	18.81	20.48	21.02	20.11	5.72	ppb
Krypton	83-1						ppb
Lead	207-1	0.55	0.47	0.50	0.51	8.06	ppb
Lead	208-1	0.52	0.51	0.51	0.51	1.00	ppb
Lead	206-1	0.54	0.54	0.52	0.53	1.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	6656.39	6395.62	6272.90	6441.64	3.04	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.24	1.13	1.18	1.18	4.61	ppb
Molybdenum	94-1	0.54	0.50	0.46	0.50	8.56	ppb
Molybdenum	95-1	0.48	0.52	0.53	0.51	4.63	ppb
Molybdenum	96-1	0.55	0.50	0.57	0.54	6.85	ppb
Molybdenum	97-1	0.54	0.52	0.60	0.55	7.26	ppb
Molybdenum	98-1	0.46	0.56	0.54	0.52	10.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.46	0.39	0.42	8.80	ppb
Phosphorus	31-2	37.13	-9.03	-9.03	6.36	419.07	ppb
Potassium	39-2	229.81	207.69	223.56	220.35	5.17	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				79		%
Selenium	77-2	0.00	4.68	4.61	3.10	86.61	ppb
Selenium	78-2	1.33	0.56	-0.23	0.55	141.37	ppb
Selenium	82-1	0.04	0.11	0.18	0.11	62.31	ppb
Silicon	28-1	1603.46	1623.13	1612.10	1612.90	0.61	ppb
Silver	109-1	0.05	0.04	0.04	0.04	11.57	ppb
Silver	107-1	0.04	0.03	0.04	0.04	15.55	ppb
Sodium	23-2	3577.53	3489.43	3399.43	3488.79	2.55	ppb
Strontium	86-1	415.14	417.23	418.21	416.86	0.38	ppb
Strontium	88-1	421.81	423.51	424.27	423.20	0.30	ppb
Sulfur	34-1	15380.28	15164.93	15185.27	15243.49	0.78	ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.20	0.16	0.20	0.19	12.94	ppb
Titanium	47-1	0.16	0.14	0.09	0.13	27.78	ppb
Uranium	238-1	0.50	0.50	0.47	0.49	3.25	ppb
Vanadium	51-2	0.42	0.49	0.51	0.47	10.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				89		%
Zinc	66-2	29.57	28.85	28.84	29.08	1.43	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.06	0.06	9.75	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	39.63	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:08	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51095.71	52059.82	51007.49	51387.67	1.14	ppb
Antimony	121-1	497.45	501.69	497.85	498.99	0.47	ppb
Arsenic	75-1	521.02	520.84	513.03	518.30	0.88	ppb
Barium	135-1	2547.58	2549.76	2570.36	2555.90	0.49	ppb
Barium	137-1	2524.05	2522.07	2521.96	2522.69	0.05	ppb
Beryllium	9-1	505.07	506.58	505.09	505.58	0.17	ppb
Bismuth	209-1				123		%
Bismuth	209-2				108		%
Boron	11-1	507.14	524.75	527.41	519.77	2.12	ppb
Boron	10-1	507.88	518.18	533.54	519.86	2.48	ppb
Cadmium	106-1	486.59	496.69	485.46	489.58	1.26	ppb
Cadmium	108-1	495.29	488.34	491.02	491.55	0.71	ppb
Cadmium	111-1	477.90	482.01	482.22	480.71	0.51	ppb
Calcium	43-1	246738.06	244823.94	245193.97	245585.32	0.41	ppb
Calcium	44-1	243949.08	245294.73	243787.68	244343.83	0.34	ppb
Chromium	52-2	547.27	555.12	545.86	549.42	0.91	ppb
Cobalt	59-2	523.03	531.66	522.20	525.63	1.00	ppb
Copper	63-2	1041.92	1054.80	1041.86	1046.19	0.71	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				125		%
Holmium	165-2				115		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	56-2	129187.29	130606.24	128028.06	129273.86	1.00	ppb
Iron	57-2	129452.08	132027.18	129219.88	130233.04	1.20	ppb
Krypton	83-1						ppb
Lead	207-1	535.35	535.47	527.31	532.71	0.88	ppb
Lead	208-1	531.68	533.19	524.60	529.82	0.87	ppb
Lead	206-1	533.08	533.58	520.83	529.16	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	246342.05	250701.84	245308.93	247450.94	1.16	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:08	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1057.18	1061.92	1055.81	1058.30	0.30	ppb
Molybdenum	94-1	2637.20	2616.66	2607.74	2620.53	0.58	ppb
Molybdenum	95-1	2649.72	2628.43	2608.74	2628.96	0.78	ppb
Molybdenum	96-1	2652.85	2645.35	2615.00	2637.73	0.76	ppb
Molybdenum	97-1	2648.74	2636.31	2648.75	2644.60	0.27	ppb
Molybdenum	98-1	2648.48	2633.74	2634.97	2639.06	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.76	552.04	542.21	543.67	1.42	ppb
Phosphorus	31-2	10814.65	10715.46	9240.33	10256.81	8.60	ppb
Potassium	39-2	121518.88	123380.08	120427.49	121775.48	1.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				86		%
Selenium	77-2	415.22	563.27	463.53	480.67	15.71	ppb
Selenium	78-2	465.00	465.39	503.89	478.09	4.67	ppb
Selenium	82-1	504.87	505.46	506.04	505.45	0.12	ppb
Silicon	28-1	492.45	496.52	495.80	494.92	0.44	ppb
Silver	109-1	488.02	491.23	490.81	490.02	0.36	ppb
Silver	107-1	484.67	490.06	489.82	488.19	0.62	ppb
Sodium	23-2	248298.23	251486.12	245012.38	248265.58	1.30	ppb
Strontium	86-1	510.58	512.18	512.33	511.70	0.19	ppb
Strontium	88-1	523.22	525.95	522.28	523.82	0.36	ppb
Sulfur	34-1	9280.96	9218.53	9178.52	9226.00	0.56	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	526.48	523.19	524.32	524.66	0.32	ppb
Thallium	205-1	527.12	525.68	521.23	524.68	0.58	ppb
Tin	118-1	507.63	509.60	505.84	507.69	0.37	ppb
Titanium	47-1	2675.39	2640.80	2610.08	2642.09	1.24	ppb
Uranium	238-1	543.17	547.61	538.51	543.09	0.84	ppb
Vanadium	51-2	538.80	542.29	531.84	537.64	0.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	1086.39	1099.04	1069.50	1084.98	1.37	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:08	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	525.39	524.77	521.32	523.83	0.42	ppb
Zirconium	91-1	526.41	535.25	522.18	527.95	1.26	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	0.74	2.42	1.83	51.49	ppb
Antimony	121-1	1.05	0.95	0.92	0.97	6.89	ppb
Arsenic	75-1	0.25	0.23	0.23	0.23	4.73	ppb
Barium	135-1	-0.01	0.04	0.01	0.01	182.55	ppb
Barium	137-1	0.01	0.01	0.01	0.01	16.26	ppb
Beryllium	9-1	0.20	0.15	0.17	0.17	13.27	ppb
Bismuth	209-1				129		%
Bismuth	209-2				118		%
Boron	11-1	23.77	22.47	21.01	22.42	6.16	ppb
Boron	10-1	23.98	22.61	19.41	22.00	10.66	ppb
Cadmium	106-1	-1.81	-2.17	-2.83	-2.27		ppb
Cadmium	108-1	-0.03	-0.08	-0.11	-0.07		ppb
Cadmium	111-1	-0.11	-0.14	-0.18	-0.14		ppb
Calcium	43-1	-2.83	-4.37	-3.42	-3.54		ppb
Calcium	44-1	0.00	-1.67	-0.94	-0.87		ppb
Chromium	52-2	0.07	0.06	-0.01	0.04	116.35	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.01	0.03	0.00	0.01	132.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				115		%
Indium	115-1				117		%
Indium	115-2				98		%
Iron	56-2	4.81	4.15	3.83	4.26	11.73	ppb
Iron	57-2	3.10	5.62	1.13	3.28	68.41	ppb
Krypton	83-1						ppb
Lead	207-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lead	206-1	0.01	0.00	-0.01	0.00	698.18	ppb
Lithium	6-1				106		%
Magnesium	24-2	8.77	10.33	11.23	10.11	12.31	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.21	-0.25	-0.25	-0.23		ppb
Molybdenum	94-1	0.76	0.69	0.62	0.69	10.78	ppb
Molybdenum	95-1	0.85	0.68	0.60	0.71	17.73	ppb
Molybdenum	96-1	0.75	0.76	0.64	0.72	9.10	ppb
Molybdenum	97-1	0.73	0.76	0.66	0.72	7.51	ppb
Molybdenum	98-1	0.73	0.69	0.61	0.68	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.08	-0.10		ppb
Phosphorus	31-2	-9.03	11.90	33.54	12.14	175.34	ppb
Potassium	39-2	-10.28	-10.17	-23.56	-14.67		ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				85		%
Selenium	77-2	4.42	0.00	0.00	1.47	173.21	ppb
Selenium	78-2	2.01	1.25	-0.23	1.01	112.80	ppb
Selenium	82-1	0.48	-0.15	0.42	0.25	138.73	ppb
Silicon	28-1	-17.68	-18.32	-18.74	-18.25		ppb
Silver	109-1	0.04	0.04	0.05	0.05	10.91	ppb
Silver	107-1	0.05	0.03	0.05	0.04	19.80	ppb
Sodium	23-2	27.60	14.94	22.84	21.79	29.34	ppb
Strontium	86-1	0.00	-0.03	-0.08	-0.04		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	8.06	ppb
Sulfur	34-1	-1281.30	-1322.85	-1046.68	-1216.94		ppb
Terbium	159-1				124		%
Terbium	159-2				114		%
Thallium	203-1	0.15	0.10	0.12	0.12	21.20	ppb
Thallium	205-1	0.15	0.14	0.11	0.13	15.73	ppb
Tin	118-1	0.25	0.24	0.21	0.23	8.80	ppb
Titanium	47-1	0.05	0.18	0.07	0.10	70.57	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				110		%
Yttrium	89-2				93		%
Zinc	66-2	-0.29	0.01	-0.13	-0.14		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.11	0.15	0.13	14.16	ppb
Zirconium	91-1	0.12	0.13	0.15	0.13	10.68	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	1.36	1.04	0.88	66.64	ppb
Antimony	121-1	0.12	0.12	0.13	0.13	5.60	ppb
Arsenic	75-1	4.65	5.12	5.47	5.08	8.04	ppb
Barium	135-1	0.53	0.52	0.63	0.56	11.42	ppb
Barium	137-1	0.54	0.64	0.66	0.61	10.67	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				134		%
Bismuth	209-2				119		%
Boron	11-1	39.10	40.87	41.13	40.37	2.73	ppb
Boron	10-1	41.03	38.38	39.48	39.63	3.37	ppb
Cadmium	106-1	-2.91	-1.94	-2.44	-2.43		ppb
Cadmium	108-1	0.01	-0.11	-0.11	-0.07		ppb
Cadmium	111-1	-0.22	-0.16	-0.19	-0.19		ppb
Calcium	43-1	85.54	79.71	79.40	81.55	4.24	ppb
Calcium	44-1	87.08	84.72	87.14	86.31	1.60	ppb
Chromium	52-2	0.50	0.59	0.41	0.50	17.83	ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.04		ppb
Copper	63-2	127.82	127.23	128.37	127.81	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				119		%
Indium	115-1				121		%
Indium	115-2				100		%
Iron	56-2	23.01	23.36	23.78	23.38	1.66	ppb
Iron	57-2	24.44	26.31	25.56	25.44	3.69	ppb
Krypton	83-1						ppb
Lead	207-1	0.79	0.80	0.80	0.80	0.31	ppb
Lead	208-1	0.83	0.82	0.82	0.82	0.55	ppb
Lead	206-1	0.84	0.84	0.86	0.85	1.67	ppb
Lithium	6-1				114		%
Magnesium	24-2	11.68	15.01	11.32	12.67	16.05	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.13	0.04	-0.06		ppb
Molybdenum	94-1	0.04	0.02	0.05	0.04	35.03	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	330.36	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	30.10	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	98-1	-0.01	-0.02	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	441.00	ppb
Phosphorus	31-2	91.88	31.16	154.24	92.43	66.58	ppb
Potassium	39-2	332.16	333.72	353.25	339.71	3.46	ppb
Rhodium	103-1				116		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.23	0.50	0.01	3112.33	ppb
Selenium	82-1	0.50	0.52	0.04	0.35	76.08	ppb
Silicon	28-1	6985.81	6977.79	6904.44	6956.01	0.64	ppb
Silver	109-1	0.08	0.10	0.11	0.10	11.72	ppb
Silver	107-1	0.08	0.09	0.10	0.09	11.76	ppb
Sodium	23-2	180770.08	180437.95	180864.54	180690.86	0.12	ppb
Strontium	86-1	0.08	0.05	0.05	0.06	27.94	ppb
Strontium	88-1	0.19	0.20	0.21	0.20	6.24	ppb
Sulfur	34-1	2534.25	2523.15	2332.91	2463.44	4.59	ppb
Terbium	159-1				131		%
Terbium	159-2				118		%
Thallium	203-1	0.03	0.04	0.03	0.04	13.48	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	18.53	ppb
Tin	118-1	-0.03	0.01	-0.03	-0.02		ppb
Titanium	47-1	0.28	0.25	0.35	0.30	18.05	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	1.04	1.03	0.92	1.00	6.63	ppb
Yttrium	89-1				116		%
Yttrium	89-2				96		%
Zinc	66-2	6.28	6.15	6.71	6.38	4.63	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	13.23	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	68.17	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:50:00	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52435.93	52010.38	52763.13	52403.15	0.72	ppb
Antimony	121-1	504.98	511.62	506.89	507.83	0.67	ppb
Arsenic	75-1	514.55	520.79	515.01	516.78	0.67	ppb
Barium	135-1	2565.65	2587.30	2598.37	2583.77	0.64	ppb
Barium	137-1	2546.16	2597.02	2594.52	2579.24	1.11	ppb
Beryllium	9-1	510.72	518.54	514.03	514.43	0.76	ppb
Bismuth	209-1				118		%
Bismuth	209-2				103		%
Boron	11-1	508.03	525.50	532.42	521.98	2.41	ppb
Boron	10-1	503.86	526.21	536.01	522.03	3.16	ppb
Cadmium	106-1	493.73	501.33	502.99	499.35	0.99	ppb
Cadmium	108-1	497.17	500.95	494.72	497.61	0.63	ppb
Cadmium	111-1	487.06	493.40	492.65	491.03	0.71	ppb
Calcium	43-1	248392.41	250838.37	249707.52	249646.10	0.49	ppb
Calcium	44-1	245124.93	247454.78	244638.21	245739.31	0.61	ppb
Chromium	52-2	551.61	547.17	555.32	551.37	0.74	ppb
Cobalt	59-2	521.83	515.96	523.80	520.53	0.78	ppb
Copper	63-2	1036.68	1027.32	1042.69	1035.56	0.75	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				121		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	56-2	128793.68	127685.71	129752.46	128743.95	0.80	ppb
Iron	57-2	129892.04	127995.75	130970.67	129619.49	1.16	ppb
Krypton	83-1						ppb
Lead	207-1	532.27	536.61	534.25	534.38	0.41	ppb
Lead	208-1	529.10	534.44	532.29	531.94	0.51	ppb
Lead	206-1	531.11	537.24	533.80	534.05	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	249859.75	250239.80	251195.46	250431.67	0.27	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:50:00	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1062.32	1054.24	1084.61	1067.06	1.47	ppb
Molybdenum	94-1	2671.29	2631.64	2663.64	2655.52	0.79	ppb
Molybdenum	95-1	2663.02	2640.55	2679.33	2660.97	0.73	ppb
Molybdenum	96-1	2659.30	2645.14	2683.31	2662.58	0.72	ppb
Molybdenum	97-1	2670.66	2637.59	2669.53	2659.26	0.71	ppb
Molybdenum	98-1	2665.68	2635.26	2675.44	2658.79	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.21	535.78	540.86	538.95	0.51	ppb
Phosphorus	31-2	10535.39	9888.00	11257.34	10560.25	6.49	ppb
Potassium	39-2	124758.83	121603.57	123250.75	123204.38	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	468.19	434.87	383.07	428.71	10.01	ppb
Selenium	78-2	478.52	518.09	472.67	489.76	5.04	ppb
Selenium	82-1	510.08	508.48	510.15	509.57	0.19	ppb
Silicon	28-1	485.81	494.94	499.17	493.31	1.38	ppb
Silver	109-1	494.66	503.24	502.73	500.21	0.96	ppb
Silver	107-1	497.18	495.54	501.56	498.10	0.63	ppb
Sodium	23-2	249451.54	248110.62	251143.45	249568.54	0.61	ppb
Strontium	86-1	512.12	514.15	517.06	514.44	0.48	ppb
Strontium	88-1	522.39	522.70	527.51	524.20	0.55	ppb
Sulfur	34-1	9313.42	9409.01	9205.50	9309.31	1.09	ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	527.18	536.02	534.98	532.73	0.91	ppb
Thallium	205-1	525.79	526.54	527.87	526.73	0.20	ppb
Tin	118-1	507.99	522.20	515.49	515.23	1.38	ppb
Titanium	47-1	2637.11	2659.25	2612.94	2636.44	0.88	ppb
Uranium	238-1	546.75	548.54	542.38	545.89	0.58	ppb
Vanadium	51-2	535.90	531.49	537.40	534.93	0.57	ppb
Yttrium	89-1				107		%
Yttrium	89-2				92		%
Zinc	66-2	1081.62	1079.35	1090.59	1083.85	0.55	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:50:00	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	533.42	526.08	535.54	531.68	0.93	ppb
Zirconium	91-1	531.28	532.28	530.07	531.21	0.21	ppb

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 13:53:28 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.67	-0.57	0.10	647.63	ppb
Antimony	121-1	0.96	0.91	0.84	0.91	6.56	ppb
Arsenic	75-1	0.22	0.21	0.12	0.18	31.54	ppb
Barium	135-1	0.12	0.09	0.00	0.07	91.87	ppb
Barium	137-1	0.13	0.04	0.00	0.06	112.73	ppb
Beryllium	9-1	0.16	0.11	0.10	0.12	25.27	ppb
Bismuth	209-1				126		%
Bismuth	209-2				114		%
Boron	11-1	17.10	14.76	14.37	15.41	9.60	ppb
Boron	10-1	17.19	15.24	14.31	15.58	9.43	ppb
Cadmium	106-1	-2.11	-1.47	-2.05	-1.88		ppb
Cadmium	108-1	0.09	0.02	-0.01	0.04	146.53	ppb
Cadmium	111-1	-0.12	-0.09	-0.15	-0.12		ppb
Calcium	43-1	7.24	-1.07	-2.98	1.06	511.98	ppb
Calcium	44-1	8.86	-2.48	-4.88	0.50	1460.95	ppb
Chromium	52-2	-0.03	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	-0.03	-0.05	-0.07	-0.05		ppb
Copper	63-2	-0.05	-0.03	-0.08	-0.05		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				122		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				101		%
Iron	56-2	3.74	3.16	2.84	3.25	14.06	ppb
Iron	57-2	3.23	0.17	3.22	2.21	79.85	ppb
Krypton	83-1						ppb
Lead	207-1	0.00	0.00	-0.02	0.00		ppb
Lead	208-1	0.02	0.01	-0.01	0.00	293.78	ppb
Lead	206-1	0.02	0.00	0.00	0.01	151.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	8.63	10.56	6.34	8.51	24.85	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:53:28	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.32	-0.09	-0.23	-0.21		ppb
Molybdenum	94-1	0.86	0.76	0.54	0.72	22.71	ppb
Molybdenum	95-1	0.91	0.69	0.62	0.74	20.09	ppb
Molybdenum	96-1	0.82	0.70	0.58	0.70	17.58	ppb
Molybdenum	97-1	0.88	0.65	0.52	0.68	26.64	ppb
Molybdenum	98-1	0.91	0.69	0.60	0.73	21.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.15	-0.20	-0.18		ppb
Phosphorus	31-2	10.91	-9.03	10.87	4.25	270.44	ppb
Potassium	39-2	12.60	-13.51	-7.24	-2.72		ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	0.50	0.50	0.50	1.60	ppb
Selenium	82-1	-0.24	0.04	0.19	0.00		ppb
Silicon	28-1	-17.70	-19.24	-18.79	-18.58		ppb
Silver	109-1	0.08	0.06	0.05	0.06	21.03	ppb
Silver	107-1	0.10	0.07	0.04	0.07	39.66	ppb
Sodium	23-2	31.24	30.61	23.28	28.38	15.58	ppb
Strontium	86-1	-0.01	-0.03	-0.06	-0.03		ppb
Strontium	88-1	0.05	0.02	0.02	0.03	59.33	ppb
Sulfur	34-1	-1420.28	-1791.65	-1547.19	-1586.37		ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	0.10	0.09	0.09	0.09	9.42	ppb
Thallium	205-1	0.14	0.10	0.10	0.11	19.53	ppb
Tin	118-1	0.27	0.18	0.13	0.19	35.55	ppb
Titanium	47-1	0.17	0.17	0.11	0.15	22.18	ppb
Uranium	238-1	-0.02	-0.04	-0.05	-0.04		ppb
Vanadium	51-2	-0.03	-0.04	-0.01	-0.03		ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	-0.17	-0.20	-0.29	-0.22		ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:53:28	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.12	0.14	14.85	ppb
Zirconium	91-1	0.18	0.17	0.17	0.17	6.03	ppb

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:13:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	20	15	21	30.21	cps
Antimony	121-1	175	117	92	128	33.47	cps
Arsenic	75-1	200	267	167	211	24.12	cps
Barium	135-1	142	208	250	200	27.33	cps
Barium	137-1	358	258	283	300	17.35	cps
Beryllium	9-1	161	167	183	170	6.79	cps
Bismuth	209-1	6013761	6159730	6163838	6112443	1.40	cps
Bismuth	209-2	1710999	1691678	1708028	1703568	0.61	cps
Boron	11-1	708	675	667	683	3.23	cps
Boron	10-1	242	167	167	192	22.59	cps
Cadmium	106-1	2042	1759	1759	1853	8.83	cps
Cadmium	108-1	13	13	29	18	53.30	cps
Cadmium	111-1	1504	1297	1265	1355	9.57	cps
Calcium	43-1	633	533	558	575	9.05	cps
Calcium	44-1	15985	15334	15668	15662	2.08	cps
Chromium	52-2	447	590	497	511	14.23	cps
Cobalt	59-2	157	180	133	157	14.89	cps
Copper	63-2	487	573	507	522	8.69	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	67	58	117	81	39.16	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	8784742	8976482	8913805	8891676	1.10	cps
Holmium	165-2	1998415	1979325	1985299	1987680	0.49	cps
Indium	115-1	6912211	7035618	6900542	6949457	1.08	cps
Indium	115-2	332879	329756	328842	330492	0.64	cps
Iron	56-2	1400	1317	1406	1374	3.62	cps
Iron	57-2	61	50	33	48	29.04	cps
Krypton	83-1	380	393	460	411	10.43	cps
Lead	207-1	611	572	561	582	4.52	cps
Lead	208-1	2383	2306	2500	2396	4.08	cps
Lead	206-1	617	500	583	567	10.60	cps
Lithium	6-1	1310386	1310213	1293543	1304714	0.74	cps
Magnesium	24-2	275	225	267	256	10.48	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:13:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	120	100	119	15.44	cps
Molybdenum	94-1	350	408	317	358	12.95	cps
Molybdenum	95-1	358	217	225	267	29.81	cps
Molybdenum	96-1	325	283	367	325	12.82	cps
Molybdenum	97-1	175	158	267	200	29.17	cps
Molybdenum	98-1	383	417	433	411	6.19	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	333	337	333	334	0.58	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2667	2559	2875	2700	5.96	cps
Rhodium	103-1	6559535	6594434	6653645	6602538	0.72	cps
Rhodium	103-2	1848853	1853538	1851052	1851148	0.13	cps
Scandium	45-1	3931458	4017981	4038142	3995860	1.42	cps
Scandium	45-2	33413	33437	34720	33856	2.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	69	-7	-64	0	-16027.90	cps
Silicon	28-1	261754	258613	256340	258902	1.05	cps
Silver	109-1	42	75	58	58	28.57	cps
Silver	107-1	83	75	133	97	32.45	cps
Sodium	23-2	6669	6585	6810	6688	1.70	cps
Strontium	86-1	658	733	842	744	12.38	cps
Strontium	88-1	475	517	417	469	10.70	cps
Sulfur	34-1	363540	362399	361630	362523	0.27	cps
Terbium	159-1	9149091	9394871	9278190	9274051	1.33	cps
Terbium	159-2	1950819	1923102	1943330	1939084	0.74	cps
Thallium	203-1	208	233	217	219	5.80	cps
Thallium	205-1	575	475	525	525	9.52	cps
Tin	118-1	1258	1058	1025	1114	11.33	cps
Titanium	47-1	117	142	92	117	21.43	cps
Uranium	238-1	1892	1550	1550	1664	11.86	cps
Vanadium	51-2	37	17	27	27	37.50	cps
Yttrium	89-1	7224650	7241528	7312148	7259442	0.64	cps
Yttrium	89-2	245754	242898	244643	244432	0.59	cps
Zinc	66-2	153	133	120	136	12.38	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:13:16	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	650	625	606	9.37	cps
Zirconium	91-1	108	183	92	128	38.22	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	128	130	149	23.72	cps
Antimony	121-1	18789	19315	18096	18733	3.26	cps
Arsenic	75-1	2359	2650	2417	2475	6.24	cps
Barium	135-1	18414	19649	19148	19070	3.26	cps
Barium	137-1	34020	33351	34287	33886	1.42	cps
Beryllium	9-1	1439	1500	1528	1489	3.05	cps
Bismuth	209-1	6286782	6208170	6130951	6208634	1.25	cps
Bismuth	209-2	1685111	1700136	1692550	1692599	0.44	cps
Boron	11-1	18329	18571	18513	18471	0.68	cps
Boron	10-1	4017	4051	3859	3976	2.58	cps
Cadmium	106-1	2000	2067	1925	1997	3.55	cps
Cadmium	108-1	146	138	158	147	7.12	cps
Cadmium	111-1	3307	3342	3250	3300	1.42	cps
Calcium	43-1	10429	9920	10071	10140	2.58	cps
Calcium	44-1	173848	173350	173357	173518	0.16	cps
Chromium	52-2	2157	2377	2470	2335	6.89	cps
Cobalt	59-2	2120	1974	2104	2066	3.89	cps
Copper	63-2	3747	3744	3814	3768	1.05	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	100	150	83	111	31.22	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	9159534	9164887	8763387	9029270	2.55	cps
Holmium	165-2	2005601	2019763	2027955	2017773	0.56	cps
Indium	115-1	7084753	7118206	6903794	7035584	1.64	cps
Indium	115-2	324143	328315	329480	327313	0.86	cps
Iron	56-2	31598	31336	30217	31050	2.36	cps
Iron	57-2	833	878	794	835	4.99	cps
Krypton	83-1	400	407	393	400	1.67	cps
Lead	207-1	5963	6196	6046	6068	1.95	cps
Lead	208-1	27757	26717	27874	27449	2.32	cps
Lead	206-1	7191	6257	7380	6943	8.66	cps
Lithium	6-1	1350428	1352266	1303233	1335309	2.08	cps
Magnesium	24-2	15376	16135	16143	15884	2.77	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397	313	363	358	11.72	cps
Molybdenum	94-1	15510	15284	15034	15276	1.56	cps
Molybdenum	95-1	19265	19298	19289	19284	0.09	cps
Molybdenum	96-1	21568	20800	21317	21228	1.84	cps
Molybdenum	97-1	11714	11781	11847	11781	0.57	cps
Molybdenum	98-1	29976	30210	30811	30332	1.42	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	870	900	853	874	2.70	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	10963	11530	10696	11063	3.85	cps
Rhodium	103-1	6721918	6767180	6544680	6677926	1.76	cps
Rhodium	103-2	1872076	1870321	1891825	1878074	0.64	cps
Scandium	45-1	4038012	4150885	4001085	4063327	1.92	cps
Scandium	45-2	33286	33958	33804	33683	1.04	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	31	13	15	20	51.65	cps
Selenium	82-1	620	527	720	622	15.56	cps
Silicon	28-1	317616	315024	317691	316777	0.48	cps
Silver	109-1	9612	9587	9462	9554	0.84	cps
Silver	107-1	10546	10279	10246	10357	1.59	cps
Sodium	23-2	41052	42782	41671	41835	2.10	cps
Strontium	86-1	2959	3342	3117	3139	6.14	cps
Strontium	88-1	21075	21635	20867	21192	1.87	cps
Sulfur	34-1	361566	363837	369089	364831	1.06	cps
Terbium	159-1	9472431	9620337	9150984	9414584	2.55	cps
Terbium	159-2	1974093	1973366	2003927	1983795	0.88	cps
Thallium	203-1	7694	7886	7911	7831	1.51	cps
Thallium	205-1	18998	18598	18431	18676	1.56	cps
Tin	118-1	31655	32441	32799	32298	1.81	cps
Titanium	47-1	4976	4743	5059	4926	3.33	cps
Uranium	238-1	25611	25152	25928	25563	1.53	cps
Vanadium	51-2	3020	3237	3134	3130	3.46	cps
Yttrium	89-1	7311142	7475409	7062975	7283175	2.85	cps
Yttrium	89-2	242165	242328	243369	242621	0.27	cps
Zinc	66-2	430	503	487	473	8.12	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:20:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12706	12915	12248	12623	2.70	cps
Zirconium	91-1	2750	2800	2609	2720	3.66	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:24:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6883	7099	6886	6956	1.78	cps
Antimony	121-1	461248	468268	467271	465596	0.82	cps
Arsenic	75-1	123098	121524	123997	122873	1.02	cps
Barium	135-1	504773	499671	500234	501559	0.56	cps
Barium	137-1	880789	881654	883016	881820	0.13	cps
Beryllium	9-1	69027	69238	68848	69037	0.28	cps
Bismuth	209-1	6250999	6223914	6282284	6252399	0.47	cps
Bismuth	209-2	1694522	1631687	1678637	1668282	1.96	cps
Boron	11-1	37567	37784	38670	38007	1.54	cps
Boron	10-1	7861	7677	8278	7939	3.88	cps
Cadmium	106-1	13340	13023	13149	13171	1.21	cps
Cadmium	108-1	7569	8115	7631	7772	3.85	cps
Cadmium	111-1	109776	109718	108192	109229	0.82	cps
Calcium	43-1	100961	102649	100954	101521	0.96	cps
Calcium	44-1	1697239	1724681	1688525	1703482	1.11	cps
Chromium	52-2	44066	44143	44250	44153	0.21	cps
Cobalt	59-2	96122	95682	95645	95816	0.28	cps
Copper	63-2	168969	168807	168237	168671	0.23	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	75	42	67	33.07	cps
Gadolinium	160-2	0	7	17	8	107.84	cps
Holmium	165-1	9190965	9080615	9113080	9128220	0.62	cps
Holmium	165-2	2063527	1943981	2035033	2014180	3.10	cps
Indium	115-1	7117994	7052313	7027052	7065786	0.66	cps
Indium	115-2	327460	311882	323158	320833	2.51	cps
Iron	56-2	1527907	1547399	1519266	1531524	0.94	cps
Iron	57-2	37690	38543	37690	37974	1.30	cps
Krypton	83-1	397	380	400	392	2.73	cps
Lead	207-1	291519	294153	299221	294964	1.33	cps
Lead	208-1	1316567	1312898	1333443	1320969	0.83	cps
Lead	206-1	322988	320885	323469	322448	0.43	cps
Lithium	6-1	1346016	1320207	1344508	1336910	1.08	cps
Magnesium	24-2	164263	163177	160815	162752	1.08	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:24:29 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26302	26085	26225	26204	0.42	cps
Molybdenum	94-1	793572	790467	790997	791679	0.21	cps
Molybdenum	95-1	978869	978164	975522	977518	0.18	cps
Molybdenum	96-1	1084889	1087057	1090171	1087372	0.24	cps
Molybdenum	97-1	606570	614372	612229	611057	0.66	cps
Molybdenum	98-1	1578641	1591235	1591098	1586991	0.46	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	29067	28673	28279	28673	1.37	cps
Phosphorus	31-2	483	525	508	506	4.15	cps
Potassium	39-2	44747	44438	45449	44878	1.15	cps
Rhodium	103-1	6634188	6680531	6647848	6654189	0.36	cps
Rhodium	103-2	1873251	1771430	1837313	1827331	2.83	cps
Scandium	45-1	4076925	4057811	4070949	4068562	0.24	cps
Scandium	45-2	33691	31352	32992	32678	3.67	cps
Selenium	77-2	27	33	23	28	18.33	cps
Selenium	78-2	172	120	128	140	20.02	cps
Selenium	82-1	6517	6482	6592	6531	0.86	cps
Silicon	28-1	493423	486967	487061	489150	0.76	cps
Silver	109-1	513977	515541	508150	512556	0.76	cps
Silver	107-1	533234	530420	530387	531347	0.31	cps
Sodium	23-2	363145	364382	359594	362374	0.69	cps
Strontium	86-1	123934	125909	125599	125147	0.85	cps
Strontium	88-1	1080604	1088260	1077694	1082186	0.50	cps
Sulfur	34-1	393136	389932	394036	392368	0.55	cps
Terbium	159-1	9527359	9417871	9452051	9465760	0.59	cps
Terbium	159-2	1972996	1885829	1953019	1937281	2.36	cps
Thallium	203-1	401369	400029	404274	401891	0.54	cps
Thallium	205-1	961176	951780	964651	959202	0.69	cps
Tin	118-1	324925	325629	328300	326285	0.55	cps
Titanium	47-1	254458	250061	249180	251233	1.13	cps
Uranium	238-1	1264509	1259795	1259208	1261170	0.23	cps
Vanadium	51-2	32284	32675	32615	32525	0.65	cps
Yttrium	89-1	7347616	7322146	7342098	7337287	0.18	cps
Yttrium	89-2	240904	229598	240082	236861	2.66	cps
Zinc	66-2	16160	16236	16120	16172	0.37	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:24:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	649071	655605	653830	652836	0.52	cps
Zirconium	91-1	145655	145243	145671	145523	0.17	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17420	17302	17558	17427	0.73	cps
Antimony	121-1	1197137	1197470	1207685	1200764	0.50	cps
Arsenic	75-1	308344	307808	305161	307105	0.55	cps
Barium	135-1	1278058	1264214	1276978	1273083	0.60	cps
Barium	137-1	2264729	2245843	2262103	2257558	0.45	cps
Beryllium	9-1	172897	173117	173233	173082	0.10	cps
Bismuth	209-1	6321959	6356766	6252462	6310396	0.84	cps
Bismuth	209-2	1646175	1731898	1683876	1687316	2.55	cps
Boron	11-1	91608	93469	95751	93609	2.22	cps
Boron	10-1	19214	19906	20348	19823	2.89	cps
Cadmium	106-1	30093	30001	30510	30201	0.90	cps
Cadmium	108-1	19473	19940	20136	19850	1.72	cps
Cadmium	111-1	272840	273075	273726	273214	0.17	cps
Calcium	43-1	252615	254830	256127	254524	0.70	cps
Calcium	44-1	4184369	4191132	4186583	4187362	0.08	cps
Chromium	52-2	112598	116328	114423	114450	1.63	cps
Cobalt	59-2	238588	240326	238414	239109	0.44	cps
Copper	63-2	415779	413474	410750	413334	0.61	cps
Dysprosium	156-1	58	67	33	53	32.88	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.34	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	42	158	83	94	62.60	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	9282725	9256884	9179180	9239596	0.58	cps
Holmium	165-2	1999410	2043876	2024502	2022596	1.10	cps
Indium	115-1	7075180	7085897	7060574	7073884	0.18	cps
Indium	115-2	321232	329308	323950	324830	1.27	cps
Iron	56-2	3806533	3789441	3756146	3784040	0.68	cps
Iron	57-2	94205	94888	93853	94316	0.56	cps
Krypton	83-1	487	377	477	447	13.62	cps
Lead	207-1	737441	746816	742505	742254	0.63	cps
Lead	208-1	3343339	3392685	3408657	3381560	1.01	cps
Lead	206-1	808147	821420	820488	816685	0.91	cps
Lithium	6-1	1343091	1322536	1334966	1333531	0.78	cps
Magnesium	24-2	403158	403190	396007	400785	1.03	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65027	64622	64870	64840	0.32	cps
Molybdenum	94-1	2030228	2057320	2038531	2042026	0.68	cps
Molybdenum	95-1	2512288	2527795	2490346	2510143	0.75	cps
Molybdenum	96-1	2803401	2801174	2785289	2796621	0.35	cps
Molybdenum	97-1	1549953	1583290	1555095	1562779	1.15	cps
Molybdenum	98-1	3933449	3965583	3949857	3949630	0.41	cps
Neodymium	150-1	80	147	127	118	29.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73627	73164	71717	72836	1.37	cps
Phosphorus	31-2	1200	1183	1317	1233	5.89	cps
Potassium	39-2	108282	109709	105686	107892	1.89	cps
Rhodium	103-1	6676677	6628610	6594632	6633306	0.62	cps
Rhodium	103-2	1856601	1871133	1856232	1861322	0.46	cps
Scandium	45-1	4106760	4046958	4007685	4053801	1.23	cps
Scandium	45-2	33303	33169	32608	33027	1.12	cps
Selenium	77-2	100	127	113	113	11.77	cps
Selenium	78-2	393	354	331	359	8.61	cps
Selenium	82-1	16498	16532	16313	16448	0.72	cps
Silicon	28-1	854032	853131	857209	854791	0.25	cps
Silver	109-1	1284395	1289287	1292540	1288741	0.32	cps
Silver	107-1	1342912	1337531	1334501	1338314	0.32	cps
Sodium	23-2	895767	904064	889135	896322	0.83	cps
Strontium	86-1	309793	312189	313849	311944	0.65	cps
Strontium	88-1	2754760	2750997	2722368	2742709	0.65	cps
Sulfur	34-1	440826	441966	442264	441685	0.17	cps
Terbium	159-1	9648080	9669063	9572013	9629719	0.53	cps
Terbium	159-2	1946202	2011498	1984847	1980849	1.66	cps
Thallium	203-1	1023867	1020853	1023551	1022757	0.16	cps
Thallium	205-1	2481925	2474597	2446124	2467549	0.77	cps
Tin	118-1	809162	817499	821659	816107	0.78	cps
Titanium	47-1	630351	625370	626207	627309	0.43	cps
Uranium	238-1	3290376	3215951	3257294	3254540	1.15	cps
Vanadium	51-2	81133	81555	80734	81141	0.51	cps
Yttrium	89-1	7443572	7452055	7261883	7385837	1.45	cps
Yttrium	89-2	237484	241953	238611	239349	0.97	cps
Zinc	66-2	40696	40084	40563	40448	0.80	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:28:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1699693	1722596	1687613	1703301	1.04	cps
Zirconium	91-1	371569	372937	370133	371546	0.38	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32317	32839	33322	32826	1.53	cps
Antimony	121-1	2442171	2435260	2423368	2433599	0.39	cps
Arsenic	75-1	605936	611262	605381	607526	0.53	cps
Barium	135-1	2601015	2556057	2593920	2583664	0.94	cps
Barium	137-1	4510559	4447797	4491199	4483185	0.72	cps
Beryllium	9-1	339620	339904	338221	339248	0.27	cps
Bismuth	209-1	6439091	6382947	6349972	6390670	0.71	cps
Bismuth	209-2	1645137	1654048	1678983	1659390	1.06	cps
Boron	11-1	182646	181956	186169	183590	1.23	cps
Boron	10-1	37124	38369	39639	38377	3.28	cps
Cadmium	106-1	58453	58830	57046	58110	1.62	cps
Cadmium	108-1	38890	38969	38250	38703	1.02	cps
Cadmium	111-1	544839	537992	542438	541757	0.64	cps
Calcium	43-1	503896	502551	503447	503298	0.14	cps
Calcium	44-1	8289199	8235538	8084183	8202973	1.30	cps
Chromium	52-2	217370	217614	216689	217224	0.22	cps
Cobalt	59-2	460862	457715	458185	458920	0.37	cps
Copper	63-2	792024	793832	796029	793962	0.25	cps
Dysprosium	156-1	67	58	75	67	12.49	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	17	17	33	86.59	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	133	75	167	125	37.12	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	9326087	9358935	9262642	9315888	0.53	cps
Holmium	165-2	2020234	1996987	2043323	2020181	1.15	cps
Indium	115-1	7165563	7211986	7170445	7182665	0.36	cps
Indium	115-2	310467	313361	317121	313650	1.06	cps
Iron	56-2	7190006	7198487	7219000	7202498	0.21	cps
Iron	57-2	180903	180581	179293	180259	0.47	cps
Krypton	83-1	423	400	480	434	9.47	cps
Lead	207-1	1496427	1485854	1495388	1492556	0.39	cps
Lead	208-1	6731542	6760236	6760404	6750727	0.25	cps
Lead	206-1	1619237	1626275	1633376	1626296	0.43	cps
Lithium	6-1	1327329	1317180	1320478	1321662	0.39	cps
Magnesium	24-2	765829	762503	760052	762795	0.38	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124074	124098	124303	124159	0.10	cps
Molybdenum	94-1	4085210	4015538	3987239	4029329	1.25	cps
Molybdenum	95-1	5030481	4957844	4918847	4969057	1.14	cps
Molybdenum	96-1	5464619	5462473	5450605	5459232	0.14	cps
Molybdenum	97-1	3144258	3129634	3112254	3128715	0.51	cps
Molybdenum	98-1	7874517	7797652	7773840	7815336	0.67	cps
Neodymium	150-1	120	147	113	127	13.92	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	137261	139466	138490	138406	0.80	cps
Phosphorus	31-2	2292	2550	2284	2375	6.38	cps
Potassium	39-2	201955	202773	202010	202246	0.23	cps
Rhodium	103-1	6606268	6640943	6564368	6603860	0.58	cps
Rhodium	103-2	1786602	1790177	1786153	1787644	0.12	cps
Scandium	45-1	4079562	4064394	4027238	4057064	0.66	cps
Scandium	45-2	31649	30901	32478	31676	2.49	cps
Selenium	77-2	207	190	253	217	15.15	cps
Selenium	78-2	604	661	656	640	4.95	cps
Selenium	82-1	32965	32704	33231	32967	0.80	cps
Silicon	28-1	1346727	1378248	1362967	1362647	1.16	cps
Silver	109-1	2627243	2609418	2602958	2613206	0.48	cps
Silver	107-1	2754712	2730388	2713282	2732794	0.76	cps
Sodium	23-2	1743411	1742052	1726909	1737457	0.53	cps
Strontium	86-1	615680	618746	613667	616031	0.42	cps
Strontium	88-1	5406324	5376716	5387737	5390259	0.28	cps
Sulfur	34-1	513435	510902	510747	511695	0.29	cps
Terbium	159-1	9778395	9822871	9759387	9786884	0.33	cps
Terbium	159-2	1965737	1959617	1974070	1966475	0.37	cps
Thallium	203-1	2084480	2067560	2070632	2074224	0.43	cps
Thallium	205-1	4877188	4918684	4935001	4910291	0.61	cps
Tin	118-1	1640058	1650637	1623095	1637930	0.85	cps
Titanium	47-1	1239762	1249406	1242051	1243740	0.41	cps
Uranium	238-1	6471202	6526091	6439148	6478814	0.68	cps
Vanadium	51-2	155761	155993	153797	155184	0.78	cps
Yttrium	89-1	7395153	7354864	7343809	7364609	0.37	cps
Yttrium	89-2	229685	233812	232750	232082	0.92	cps
Zinc	66-2	77606	77026	76587	77073	0.66	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:31:49	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3373091	3359033	3364375	3365500	0.21	cps
Zirconium	91-1	736695	734844	734014	735184	0.19	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61836	61279	61186	61434	0.57	cps
Antimony	121-1	4802645	4758938	4803237	4788273	0.53	cps
Arsenic	75-1	1176279	1174781	1176237	1175765	0.07	cps
Barium	135-1	5065204	5017877	5059491	5047524	0.51	cps
Barium	137-1	8861685	8811888	8794484	8822686	0.40	cps
Beryllium	9-1	652491	645437	647537	648489	0.56	cps
Bismuth	209-1	6316639	6450575	6418635	6395283	1.09	cps
Bismuth	209-2	1576127	1653728	1649491	1626449	2.68	cps
Boron	11-1	353612	357025	363101	357913	1.34	cps
Boron	10-1	73305	73581	76236	74374	2.18	cps
Cadmium	106-1	111961	111753	112593	112102	0.39	cps
Cadmium	108-1	75745	75221	75292	75419	0.38	cps
Cadmium	111-1	1059716	1061069	1061137	1060641	0.08	cps
Calcium	43-1	958794	960307	962858	960653	0.21	cps
Calcium	44-1	15697705	15657094	15715719	15690172	0.19	cps
Chromium	52-2	397269	393703	392075	394349	0.67	cps
Cobalt	59-2	867085	861423	857690	862066	0.55	cps
Copper	63-2	1502262	1487276	1487338	1492292	0.58	cps
Dysprosium	156-1	92	117	67	92	27.27	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	50	117	100	89	39.03	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	9311221	9577283	9471881	9453462	1.42	cps
Holmium	165-2	1947539	2007438	2006331	1987103	1.72	cps
Indium	115-1	6859256	7024722	6907084	6930354	1.23	cps
Indium	115-2	290345	301504	302930	298260	2.31	cps
Iron	56-2	13674975	13422394	13422687	13506685	1.08	cps
Iron	57-2	342190	335738	338717	338882	0.95	cps
Krypton	83-1	363	337	407	369	9.58	cps
Lead	207-1	3039636	3018601	3080725	3046320	1.04	cps
Lead	208-1	13573102	13554163	13702721	13609995	0.59	cps
Lead	206-1	3327421	3304033	3331466	3320973	0.45	cps
Lithium	6-1	1274515	1317512	1298609	1296879	1.66	cps
Magnesium	24-2	1471817	1460664	1446718	1459733	0.86	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233349	233116	231739	232735	0.37	cps
Molybdenum	94-1	7893385	7862281	7896976	7884214	0.24	cps
Molybdenum	95-1	9712049	9707508	9654124	9691227	0.33	cps
Molybdenum	96-1	10717240	10785092	10716345	10739559	0.37	cps
Molybdenum	97-1	6068579	6113146	6123619	6101781	0.48	cps
Molybdenum	98-1	15455518	15532933	15375995	15454815	0.51	cps
Neodymium	150-1	267	207	280	251	15.55	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	257308	254884	253582	255258	0.74	cps
Phosphorus	31-2	4393	4117	4234	4248	3.25	cps
Potassium	39-2	373365	371121	366968	370485	0.88	cps
Rhodium	103-1	6346824	6477087	6423464	6415792	1.02	cps
Rhodium	103-2	1693521	1745240	1749689	1729484	1.81	cps
Scandium	45-1	3902440	3905559	3898617	3902205	0.09	cps
Scandium	45-2	28977	29815	30289	29694	2.24	cps
Selenium	77-2	397	370	320	362	10.75	cps
Selenium	78-2	1207	1250	1183	1214	2.78	cps
Selenium	82-1	63439	63869	63432	63580	0.39	cps
Silicon	28-1	2509865	2510852	2531348	2517355	0.48	cps
Silver	109-1	5057774	5058648	4996714	5037712	0.70	cps
Silver	107-1	5244667	5218533	5242031	5235077	0.27	cps
Sodium	23-2	3271198	3231035	3224762	3242332	0.78	cps
Strontium	86-1	1205684	1207657	1210052	1207798	0.18	cps
Strontium	88-1	10566938	10436670	10436670	10480092	0.72	cps
Sulfur	34-1	628902	626182	623008	626031	0.47	cps
Terbium	159-1	9711721	9891865	9837796	9813794	0.94	cps
Terbium	159-2	1865696	1935660	1925668	1909008	1.98	cps
Thallium	203-1	4191206	4163322	4161909	4172146	0.40	cps
Thallium	205-1	9787773	9696882	9840653	9775103	0.74	cps
Tin	118-1	3270895	3240607	3243707	3251736	0.51	cps
Titanium	47-1	2412902	2401086	2381842	2398610	0.65	cps
Uranium	238-1	13094951	13060375	13137790	13097706	0.30	cps
Vanadium	51-2	292487	292518	288681	291229	0.76	cps
Yttrium	89-1	7209314	7321650	7229823	7253596	0.82	cps
Yttrium	89-2	215646	223893	221123	220221	1.91	cps
Zinc	66-2	145806	145564	143372	144914	0.93	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:35:21	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6542517	6516008	6536516	6531680	0.21	cps
Zirconium	91-1	1487310	1473446	1454642	1471799	1.11	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116701	115925	115965	116197	0.38	cps
Antimony	121-1	9496175	9447675	9456791	9466880	0.27	cps
Arsenic	75-1	2323402	2290576	2286621	2300200	0.88	cps
Barium	135-1	10132699	9947023	10015009	10031577	0.94	cps
Barium	137-1	17650082	17609713	17608526	17622773	0.13	cps
Beryllium	9-1	1271603	1265056	1259245	1265302	0.49	cps
Bismuth	209-1	6552308	6497092	6511622	6520341	0.44	cps
Bismuth	209-2	1627935	1636302	1648655	1637631	0.64	cps
Boron	11-1	687015	699364	705426	697268	1.35	cps
Boron	10-1	140488	145858	147870	144738	2.64	cps
Cadmium	106-1	217757	219688	217740	218395	0.51	cps
Cadmium	108-1	148199	148098	148031	148109	0.06	cps
Cadmium	111-1	2107756	2121367	2129459	2119527	0.52	cps
Calcium	43-1	1906244	1923978	1904810	1911677	0.56	cps
Calcium	44-1	30587803	30515555	30330094	30477817	0.44	cps
Chromium	52-2	745262	736783	744581	742209	0.63	cps
Cobalt	59-2	1678901	1665468	1675226	1673199	0.41	cps
Copper	63-2	2833299	2822029	2835101	2830143	0.25	cps
Dysprosium	156-1	192	83	108	128	44.39	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	8	75	50	44	75.78	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	142	142	142	142	0.00	cps
Gadolinium	160-2	30	3	33	22	74.00	cps
Holmium	165-1	9651918	9686823	9618677	9652472	0.35	cps
Holmium	165-2	2050436	1998163	2007945	2018848	1.38	cps
Indium	115-1	6894439	6896471	6889981	6893630	0.05	cps
Indium	115-2	288398	287832	287603	287944	0.14	cps
Iron	56-2	25588917	25468046	25647248	25568070	0.36	cps
Iron	57-2	642142	641771	645986	643300	0.36	cps
Krypton	83-1	347	340	347	344	1.12	cps
Lead	207-1	6135579	6116282	6102388	6118083	0.27	cps
Lead	208-1	27321861	27324468	27364282	27336870	0.09	cps
Lead	206-1	6615850	6639637	6682228	6645905	0.51	cps
Lithium	6-1	1277027	1268453	1277953	1274477	0.41	cps
Magnesium	24-2	2755481	2739678	2749461	2748207	0.29	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	439444	436011	437430	437628	0.39	cps
Molybdenum	94-1	15541603	15503660	15520670	15521977	0.12	cps
Molybdenum	95-1	19200960	19094732	19101799	19132497	0.31	cps
Molybdenum	96-1	21247732	21350721	21218036	21272163	0.33	cps
Molybdenum	97-1	11968633	11970457	11932049	11957047	0.18	cps
Molybdenum	98-1	30852533	30683088	30305364	30613662	0.91	cps
Neodymium	150-1	407	553	407	456	18.59	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	473397	473085	474262	473581	0.13	cps
Phosphorus	31-2	8136	7544	7961	7880	3.86	cps
Potassium	39-2	692276	687268	687290	688945	0.42	cps
Rhodium	103-1	6356480	6373738	6295278	6341832	0.65	cps
Rhodium	103-2	1715583	1703750	1701817	1707050	0.44	cps
Scandium	45-1	3826907	3854141	3778371	3819806	1.00	cps
Scandium	45-2	28836	28930	29464	29077	1.17	cps
Selenium	77-2	710	667	740	706	5.22	cps
Selenium	78-2	2339	2304	2347	2330	0.98	cps
Selenium	82-1	124870	123949	124369	124396	0.37	cps
Silicon	28-1	3819263	3799246	3804499	3807669	0.27	cps
Silver	109-1	9872830	9775507	9810192	9819510	0.50	cps
Silver	107-1	10229353	10224771	10195265	10216463	0.18	cps
Sodium	23-2	6077236	6030070	6054537	6053948	0.39	cps
Strontium	86-1	2413344	2405296	2413619	2410753	0.20	cps
Strontium	88-1	20854762	20735216	20671567	20753848	0.45	cps
Sulfur	34-1	869651	861324	864495	865156	0.49	cps
Terbium	159-1	9939364	10044245	9906891	9963500	0.72	cps
Terbium	159-2	1959055	1942109	1968872	1956678	0.69	cps
Thallium	203-1	8356424	8342153	8326115	8341564	0.18	cps
Thallium	205-1	19812435	19805160	19708276	19775291	0.29	cps
Tin	118-1	6407726	6440861	6421066	6423218	0.26	cps
Titanium	47-1	4599108	4587927	4594145	4593727	0.12	cps
Uranium	238-1	27259946	27271416	27305102	27278821	0.09	cps
Vanadium	51-2	554177	550287	552737	552401	0.36	cps
Yttrium	89-1	7320556	7223739	7211278	7251858	0.82	cps
Yttrium	89-2	216131	215671	216220	216007	0.14	cps
Zinc	66-2	272334	271956	272351	272213	0.08	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12929813	12945659	12763660	12879711	0.78	cps
Zirconium	91-1	2910272	2918725	2909813	2912937	0.17	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:42:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	663234	672006	667240	667493	0.66	cps
Antimony	121-1	27270	24991	25183	25815	4.90	cps
Arsenic	75-1	3784	3784	4034	3867	3.73	cps
Barium	135-1	2750	3009	2784	2848	4.94	cps
Barium	137-1	5010	4959	4776	4915	2.50	cps
Beryllium	9-1	867	728	811	802	8.72	cps
Bismuth	209-1	6088682	6066155	6035679	6063505	0.44	cps
Bismuth	209-2	1445891	1400896	1548366	1465051	5.16	cps
Boron	11-1	36297	32120	30333	32917	9.30	cps
Boron	10-1	7844	6802	6293	6980	11.33	cps
Cadmium	106-1	1717	1684	1859	1753	5.30	cps
Cadmium	108-1	46	29	42	39	22.30	cps
Cadmium	111-1	1532	1537	1622	1564	3.22	cps
Calcium	43-1	9668839	9832111	9941718	9814223	1.40	cps
Calcium	44-1	159330258	160871154	162895204	161032205	1.11	cps
Chromium	52-2	37658	37671	37905	37744	0.37	cps
Cobalt	59-2	22361	22368	22605	22445	0.62	cps
Copper	63-2	6545	7152	6832	6843	4.44	cps
Dysprosium	156-1	133	92	75	100	30.05	cps
Dysprosium	156-2	20	17	20	19	10.18	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	117	192	133	147	26.75	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	9478044	9483745	9400305	9454031	0.49	cps
Holmium	165-2	1877513	1844881	2053023	1925139	5.81	cps
Indium	115-1	6761649	6814166	6819352	6798389	0.47	cps
Indium	115-2	285910	279645	306046	290533	4.75	cps
Iron	56-2	139476939	141646475	140913509	140678974	0.78	cps
Iron	57-2	3551531	3611486	3535819	3566278	1.12	cps
Krypton	83-1	353	460	420	411	13.11	cps
Lead	207-1	5696	5396	5768	5620	3.51	cps
Lead	208-1	26818	26256	25922	26332	1.72	cps
Lead	206-1	6724	6780	6474	6659	2.45	cps
Lithium	6-1	1222752	1251634	1248714	1241033	1.28	cps
Magnesium	24-2	14797425	14987596	14937328	14907449	0.66	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3030	3064	3000	3032	1.05	cps
Molybdenum	94-1	19607	18722	18522	18950	3.05	cps
Molybdenum	95-1	29783	30802	29884	30156	1.86	cps
Molybdenum	96-1	34503	34821	34319	34548	0.73	cps
Molybdenum	97-1	19081	19056	18538	18892	1.62	cps
Molybdenum	98-1	48254	47827	47877	47986	0.49	cps
Neodymium	150-1	107	120	120	116	6.66	cps
Neodymium	150-2	20	7	30	19	61.96	cps
Nickel	60-2	19127	19360	19040	19176	0.86	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	3999631	4068263	3979324	4015739	1.16	cps
Rhodium	103-1	6110418	6109701	6135265	6118461	0.24	cps
Rhodium	103-2	1595783	1537200	1705419	1612801	5.29	cps
Scandium	45-1	3783635	3860389	3857357	3833794	1.13	cps
Scandium	45-2	30157	29649	32234	30680	4.46	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	126	51	91	89	41.80	cps
Silicon	28-1	511982	533492	537244	527573	2.58	cps
Silver	109-1	1083	1108	1033	1075	3.55	cps
Silver	107-1	1258	1192	1167	1206	3.93	cps
Sodium	23-2	33433205	33715297	33481968	33543490	0.45	cps
Strontium	86-1	11756	10930	11414	11366	3.65	cps
Strontium	88-1	93948	94594	95039	94527	0.58	cps
Sulfur	34-1	336132	333664	338228	336008	0.68	cps
Terbium	159-1	9821554	9815174	9761551	9799426	0.34	cps
Terbium	159-2	1843908	1782868	1974340	1867039	5.24	cps
Thallium	203-1	4068	3934	3859	3954	2.67	cps
Thallium	205-1	9629	8870	8703	9068	5.44	cps
Tin	118-1	8853	8661	8253	8589	3.57	cps
Titanium	47-1	1058	1167	933	1053	11.09	cps
Uranium	238-1	4918	4326	4076	4440	9.74	cps
Vanadium	51-2	373	367	290	343	13.49	cps
Yttrium	89-1	7162819	7190596	7177963	7177126	0.19	cps
Yttrium	89-2	217575	211848	230952	220125	4.45	cps
Zinc	66-2	1930	1917	1970	1939	1.43	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3284	3117	2875	3092	6.64	cps
Zirconium	91-1	825	658	617	700	15.75	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:45:45 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3369	3401	3346	3372	0.82	cps
Antimony	121-1	1943641	1928732	1930519	1934297	0.42	cps
Arsenic	75-1	485209	483009	484031	484083	0.23	cps
Barium	135-1	202674	199159	201876	201237	0.92	cps
Barium	137-1	355519	355952	356281	355918	0.11	cps
Beryllium	9-1	136675	132902	136322	135300	1.54	cps
Bismuth	209-1	6647366	6758834	6566553	6657584	1.45	cps
Bismuth	209-2	1799199	1801414	1785829	1795481	0.47	cps
Boron	11-1	12714	12956	11805	12492	4.86	cps
Boron	10-1	2542	2692	2734	2656	3.80	cps
Cadmium	106-1	20667	21268	21627	21187	2.29	cps
Cadmium	108-1	14191	13336	13920	13816	3.16	cps
Cadmium	111-1	216837	214860	216637	216112	0.50	cps
Calcium	43-1	41261	41220	40894	41125	0.49	cps
Calcium	44-1	679038	675730	683734	679500	0.59	cps
Chromium	52-2	85566	83976	84429	84657	0.97	cps
Cobalt	59-2	188658	190948	191219	190275	0.74	cps
Copper	63-2	164378	164277	164757	164471	0.15	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	75	83	86	14.78	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	9694683	9739810	9633869	9689454	0.55	cps
Holmium	165-2	2109715	2106594	2119346	2111885	0.31	cps
Indium	115-1	7443840	7448958	7416480	7436426	0.23	cps
Indium	115-2	336154	336186	336666	336335	0.09	cps
Iron	56-2	589577	599384	600432	596464	1.00	cps
Iron	57-2	15687	15381	15125	15398	1.83	cps
Krypton	83-1	457	457	397	437	7.93	cps
Lead	207-1	1191721	1181147	1173465	1182111	0.78	cps
Lead	208-1	5503120	5490361	5447909	5480463	0.53	cps
Lead	206-1	1348525	1336511	1347505	1344180	0.50	cps
Lithium	6-1	1367149	1380987	1359502	1369213	0.80	cps
Magnesium	24-2	40183	38294	38670	39049	2.56	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:45:45 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24719	24559	25387	24888	1.77	cps
Molybdenum	94-1	1525	1450	1525	1500	2.89	cps
Molybdenum	95-1	1317	1525	1375	1406	7.65	cps
Molybdenum	96-1	1767	1775	1700	1747	2.35	cps
Molybdenum	97-1	808	800	692	767	8.49	cps
Molybdenum	98-1	2625	2417	2117	2386	10.71	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	55882	56119	56250	56084	0.33	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	36640	37008	36607	36752	0.61	cps
Rhodium	103-1	6966439	7008747	6920684	6965290	0.63	cps
Rhodium	103-2	1960917	1935324	1968804	1955015	0.90	cps
Scandium	45-1	4215793	4215002	4138643	4189813	1.06	cps
Scandium	45-2	33951	34753	34095	34266	1.25	cps
Selenium	77-2	190	127	143	153	21.41	cps
Selenium	78-2	561	554	519	544	4.18	cps
Selenium	82-1	26655	26823	26392	26624	0.82	cps
Silicon	28-1	261112	260244	258227	259861	0.57	cps
Silver	109-1	991869	986595	987864	988776	0.28	cps
Silver	107-1	1025487	1022273	1024310	1024023	0.16	cps
Sodium	23-2	155615	155927	157438	156327	0.62	cps
Strontium	86-1	6260	6694	6368	6441	3.50	cps
Strontium	88-1	49775	49733	49683	49730	0.09	cps
Sulfur	34-1	349867	347802	343773	347147	0.89	cps
Terbium	159-1	10109458	10139733	9988804	10079332	0.79	cps
Terbium	159-2	2071947	2049151	2055107	2058735	0.57	cps
Thallium	203-1	1676572	1723977	1676381	1692310	1.62	cps
Thallium	205-1	4085862	4074373	4039634	4066623	0.59	cps
Tin	118-1	2092	2042	1717	1950	10.44	cps
Titanium	47-1	217	317	283	272	18.70	cps
Uranium	238-1	275	233	242	250	8.82	cps
Vanadium	51-2	62800	62867	62904	62857	0.08	cps
Yttrium	89-1	7644727	7686333	7628379	7653146	0.39	cps
Yttrium	89-2	249359	247064	245941	247455	0.70	cps
Zinc	66-2	31877	31763	31847	31829	0.18	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1667	1825	1720	5.32	cps
Zirconium	91-1	592	508	575	558	7.90	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:52:27 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165	175	175	172	3.36	cps
Antimony	121-1	23013	21635	21702	22117	3.51	cps
Arsenic	75-1	2484	2434	2659	2525	4.68	cps
Barium	135-1	20024	20442	20350	20272	1.08	cps
Barium	137-1	35282	35699	35340	35440	0.64	cps
Beryllium	9-1	1728	1700	1733	1721	1.04	cps
Bismuth	209-1	6503173	6457619	6546287	6502360	0.68	cps
Bismuth	209-2	1808364	1794538	1803049	1801984	0.39	cps
Boron	11-1	22777	22552	24680	23336	5.01	cps
Boron	10-1	4726	4984	4876	4862	2.67	cps
Cadmium	106-1	2142	2150	2192	2161	1.24	cps
Cadmium	108-1	158	171	188	172	8.50	cps
Cadmium	111-1	3501	3469	3683	3551	3.24	cps
Calcium	43-1	10388	10838	10588	10604	2.13	cps
Calcium	44-1	177913	180309	179120	179114	0.67	cps
Chromium	52-2	2447	2260	2557	2421	6.19	cps
Cobalt	59-2	1964	2207	2090	2087	5.83	cps
Copper	63-2	3947	3954	4104	4002	2.21	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	117	92	92	100	14.43	cps
Gadolinium	160-2	3	27	17	16	75.27	cps
Holmium	165-1	9567218	9598210	9516817	9560749	0.43	cps
Holmium	165-2	2152331	2121562	2117457	2130450	0.89	cps
Indium	115-1	7433393	7541262	7403953	7459536	0.97	cps
Indium	115-2	343539	341321	342171	342344	0.33	cps
Iron	56-2	33090	33519	33246	33285	0.65	cps
Iron	57-2	811	794	822	809	1.73	cps
Krypton	83-1	400	410	453	421	6.73	cps
Lead	207-1	6652	6613	6730	6665	0.89	cps
Lead	208-1	29426	29720	30176	29774	1.27	cps
Lead	206-1	7036	7147	6991	7058	1.14	cps
Lithium	6-1	1372307	1368794	1374947	1372016	0.22	cps
Magnesium	24-2	17303	16936	16919	17053	1.27	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:52:27	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	357	403	387	382	6.19	cps
Molybdenum	94-1	17203	16736	16110	16683	3.29	cps
Molybdenum	95-1	20542	19740	20082	20121	2.00	cps
Molybdenum	96-1	22753	23045	23070	22956	0.77	cps
Molybdenum	97-1	12473	12590	12857	12640	1.56	cps
Molybdenum	98-1	32047	31279	31830	31719	1.25	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	983	853	913	917	7.10	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	12306	12022	11589	11972	3.02	cps
Rhodium	103-1	6998084	7075269	7036719	7036691	0.55	cps
Rhodium	103-2	1994469	1982410	1995916	1990932	0.37	cps
Scandium	45-1	4261842	4285253	4281167	4276087	0.29	cps
Scandium	45-2	35421	34773	35765	35320	1.43	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	13	15	15	14	7.53	cps
Selenium	82-1	674	700	649	674	3.76	cps
Silicon	28-1	304965	306165	303650	304927	0.41	cps
Silver	109-1	9938	10204	10179	10107	1.46	cps
Silver	107-1	10154	10480	10555	10396	2.05	cps
Sodium	23-2	47547	47865	47388	47600	0.51	cps
Strontium	86-1	3284	3184	3092	3187	3.01	cps
Strontium	88-1	22561	21852	22303	22238	1.61	cps
Sulfur	34-1	350441	347112	351524	349692	0.66	cps
Terbium	159-1	9997215	9977392	9974960	9983189	0.12	cps
Terbium	159-2	2053126	2090287	2079075	2074163	0.92	cps
Thallium	203-1	8853	8878	8478	8737	2.57	cps
Thallium	205-1	21260	21218	21369	21282	0.37	cps
Tin	118-1	34237	33861	32883	33660	2.08	cps
Titanium	47-1	5335	5185	5418	5312	2.23	cps
Uranium	238-1	26771	25377	26379	26176	2.75	cps
Vanadium	51-2	3330	3380	3240	3317	2.14	cps
Yttrium	89-1	7783919	7593383	7764919	7714074	1.36	cps
Yttrium	89-2	254192	253483	254125	253934	0.15	cps
Zinc	66-2	490	490	510	497	2.32	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:52:27	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13899	13899	13983	13927	0.35	cps
Zirconium	91-1	3334	3284	3009	3209	5.45	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:55:49 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	23	23	23	0.00	cps
Antimony	121-1	1292	1584	1433	1436	10.16	cps
Arsenic	75-1	83	200	208	164	42.64	cps
Barium	135-1	50	117	92	86	39.11	cps
Barium	137-1	100	117	117	111	8.66	cps
Beryllium	9-1	217	328	300	281	20.54	cps
Bismuth	209-1	6502876	6532114	6508909	6514633	0.24	cps
Bismuth	209-2	1806425	1775861	1767733	1783339	1.14	cps
Boron	11-1	6327	6277	6260	6288	0.55	cps
Boron	10-1	1383	1492	1042	1306	17.99	cps
Cadmium	106-1	1700	1825	1709	1745	4.01	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Cadmium	111-1	1209	1291	1212	1238	3.74	cps
Calcium	43-1	592	608	625	608	2.74	cps
Calcium	44-1	15893	15626	15926	15815	1.04	cps
Chromium	52-2	520	517	590	542	7.64	cps
Cobalt	59-2	57	53	60	57	5.89	cps
Copper	63-2	540	477	413	477	13.29	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	42	39	12.37	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	125	33	100	86	55.03	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	9656944	9453608	9462514	9524355	1.21	cps
Holmium	165-2	2131535	2109607	2113481	2118208	0.55	cps
Indium	115-1	7492704	7439519	7435689	7455971	0.43	cps
Indium	115-2	340546	338564	342637	340582	0.60	cps
Iron	56-2	2089	2056	1884	2009	5.49	cps
Iron	57-2	44	22	89	52	65.47	cps
Krypton	83-1	363	383	383	377	3.06	cps
Lead	207-1	644	517	583	582	10.99	cps
Lead	208-1	2806	2678	2528	2671	5.21	cps
Lead	206-1	728	594	572	632	13.32	cps
Lithium	6-1	1360738	1369113	1356907	1362253	0.46	cps
Magnesium	24-2	550	375	417	447	20.44	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:55:49	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	77	70	78	10.79	cps
Molybdenum	94-1	458	500	650	536	18.80	cps
Molybdenum	95-1	508	517	442	489	8.41	cps
Molybdenum	96-1	483	525	683	564	18.71	cps
Molybdenum	97-1	367	375	342	361	4.80	cps
Molybdenum	98-1	625	700	625	650	6.66	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	343	370	340	9.35	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	3017	3317	3125	3153	4.82	cps
Rhodium	103-1	7031014	6976876	6978718	6995536	0.44	cps
Rhodium	103-2	1971234	1985437	1974644	1977105	0.38	cps
Scandium	45-1	4293435	4303321	4270806	4289187	0.39	cps
Scandium	45-2	35689	35722	35622	35678	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	23	27	38	29	26.16	cps
Silicon	28-1	243073	244038	241181	242764	0.60	cps
Silver	109-1	133	100	50	94	44.41	cps
Silver	107-1	58	175	167	133	48.81	cps
Sodium	23-2	10421	10187	10680	10429	2.36	cps
Strontium	86-1	792	583	842	739	18.54	cps
Strontium	88-1	492	433	492	472	7.13	cps
Sulfur	34-1	355426	357010	356975	356470	0.25	cps
Terbium	159-1	9987521	9829876	9872913	9896770	0.82	cps
Terbium	159-2	2074961	2057754	2056123	2062946	0.51	cps
Thallium	203-1	750	917	867	845	10.13	cps
Thallium	205-1	1550	1634	1634	1606	3.00	cps
Tin	118-1	1367	1592	1375	1445	8.83	cps
Titanium	47-1	92	183	108	128	38.21	cps
Uranium	238-1	92	158	133	128	26.36	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	7770294	7622730	7729771	7707598	0.99	cps
Yttrium	89-2	253817	252827	252339	252995	0.30	cps
Zinc	66-2	140	120	153	138	12.18	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:55:49	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	850	925	878	4.68	cps
Zirconium	91-1	167	250	183	200	22.05	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:59:11 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594507	592228	594623	593786	0.23	cps
Antimony	121-1	11213	11897	11973	11694	3.58	cps
Arsenic	75-1	3342	3801	3842	3662	7.58	cps
Barium	135-1	2917	3001	2992	2970	1.55	cps
Barium	137-1	5060	5443	5777	5426	6.61	cps
Beryllium	9-1	489	561	528	526	6.87	cps
Bismuth	209-1	6456989	6591127	6433748	6493954	1.31	cps
Bismuth	209-2	1623066	1644030	1651185	1639427	0.89	cps
Boron	11-1	6402	6677	6318	6466	2.90	cps
Boron	10-1	1467	1317	1000	1261	18.89	cps
Cadmium	106-1	1717	1775	1617	1703	4.70	cps
Cadmium	108-1	1154	1267	1213	1211	4.65	cps
Cadmium	111-1	2040	1860	1841	1914	5.72	cps
Calcium	43-1	1992064	1994905	1988007	1991658	0.17	cps
Calcium	44-1	31817198	32012048	31951024	31926756	0.31	cps
Chromium	52-2	18706	18352	18379	18479	1.07	cps
Cobalt	59-2	2300	2204	2250	2251	2.15	cps
Copper	63-2	12336	12716	12456	12502	1.56	cps
Dysprosium	156-1	33	50	50	44	21.66	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	92	133	100	108	20.35	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	133	150	108	131	16.06	cps
Gadolinium	160-2	23	20	7	17	52.90	cps
Holmium	165-1	9850845	9904699	9645778	9800440	1.39	cps
Holmium	165-2	2021491	2067927	2103051	2064156	1.98	cps
Indium	115-1	7221871	7285644	7126496	7211337	1.11	cps
Indium	115-2	308611	310894	317414	312306	1.46	cps
Iron	56-2	56037143	55845311	55811046	55897833	0.22	cps
Iron	57-2	1403981	1395790	1396692	1398821	0.32	cps
Krypton	83-1	407	393	490	430	12.18	cps
Lead	207-1	25315	25254	25014	25194	0.63	cps
Lead	208-1	120769	120113	119961	120281	0.36	cps
Lead	206-1	32247	31334	31913	31831	1.45	cps
Lithium	6-1	1290644	1290544	1287260	1289482	0.15	cps
Magnesium	24-2	2995422	2962041	3006533	2987999	0.77	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:59:11 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1954	2127	1750	1944	9.70	cps
Molybdenum	94-1	4367119	4420448	4412347	4399971	0.65	cps
Molybdenum	95-1	7712237	7672559	7676692	7687163	0.28	cps
Molybdenum	96-1	8215981	8241793	8212239	8223338	0.20	cps
Molybdenum	97-1	4847880	4825048	4837602	4836843	0.24	cps
Molybdenum	98-1	12176453	12214738	12169833	12187008	0.20	cps
Neodymium	150-1	40	47	53	47	14.29	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	3757	3707	3627	3697	1.77	cps
Phosphorus	31-2	43710	43376	43292	43459	0.51	cps
Potassium	39-2	1572924	1569320	1573627	1571957	0.15	cps
Rhodium	103-1	6613152	6676892	6580747	6623597	0.74	cps
Rhodium	103-2	1793643	1812592	1826242	1810826	0.90	cps
Scandium	45-1	4089967	4143037	4053083	4095362	1.10	cps
Scandium	45-2	31465	31659	32227	31784	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	7	7	-51	-12	-268.67	cps
Silicon	28-1	356000	353456	354696	354717	0.36	cps
Silver	109-1	517	683	733	644	17.60	cps
Silver	107-1	700	533	800	678	19.88	cps
Sodium	23-2	6743945	6634074	6618045	6665355	1.03	cps
Strontium	86-1	83932	84200	83387	83840	0.49	cps
Strontium	88-1	722640	729687	721616	724647	0.61	cps
Sulfur	34-1	2593693	2600442	2611043	2601726	0.34	cps
Terbium	159-1	10093919	10221456	10130173	10148516	0.65	cps
Terbium	159-2	2004892	2022255	2049657	2025601	1.11	cps
Thallium	203-1	1258	1133	1300	1231	7.05	cps
Thallium	205-1	2884	3284	3334	3167	7.79	cps
Tin	118-1	2267	2392	2242	2300	3.49	cps
Titanium	47-1	1966928	1978866	1989716	1978503	0.58	cps
Uranium	238-1	492	417	467	458	8.33	cps
Vanadium	51-2	63	60	97	73	27.65	cps
Yttrium	89-1	7585862	7646206	7488083	7573383	1.05	cps
Yttrium	89-2	230881	234098	237170	234050	1.34	cps
Zinc	66-2	1960	1790	1777	1842	5.55	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:59:11	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4984	4401	4276	4554	8.31	cps
Zirconium	91-1	1092	1067	775	978	18.01	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597683	597762	597645	597696	0.01	cps
Antimony	121-1	199317	201144	201963	200808	0.67	cps
Arsenic	75-1	51356	49147	51037	50513	2.36	cps
Barium	135-1	43573	43414	44475	43821	1.31	cps
Barium	137-1	76898	76765	77309	76990	0.37	cps
Beryllium	9-1	25807	26497	25785	26030	1.56	cps
Bismuth	209-1	6508849	6381994	6501102	6463982	1.10	cps
Bismuth	209-2	1643187	1638566	1610411	1630721	1.09	cps
Boron	11-1	5276	4934	4801	5004	4.90	cps
Boron	10-1	1058	1108	1075	1081	2.36	cps
Cadmium	106-1	5468	5868	5401	5579	4.53	cps
Cadmium	108-1	3851	3788	4113	3917	4.40	cps
Cadmium	111-1	42826	42707	42775	42769	0.14	cps
Calcium	43-1	1990652	1977075	1982497	1983408	0.34	cps
Calcium	44-1	32315993	31968138	31852634	32045589	0.75	cps
Chromium	52-2	34944	35345	35265	35184	0.60	cps
Cobalt	59-2	38804	38878	39085	38922	0.37	cps
Copper	63-2	43444	43418	43685	43516	0.34	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	8	58	108	58	85.72	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	67	108	125	100	30.05	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	9747029	9798308	9910647	9818661	0.85	cps
Holmium	165-2	2076246	2060533	2061481	2066087	0.43	cps
Indium	115-1	7302099	7284666	7311815	7299527	0.19	cps
Indium	115-2	318956	313204	310083	314081	1.43	cps
Iron	56-2	56194972	56505782	55737596	56146117	0.69	cps
Iron	57-2	1409842	1403072	1401076	1404663	0.33	cps
Krypton	83-1	413	453	403	423	6.25	cps
Lead	207-1	140716	136531	137065	138104	1.65	cps
Lead	208-1	647679	638209	639251	641713	0.81	cps
Lead	206-1	165256	163842	163753	164284	0.51	cps
Lithium	6-1	1279181	1289515	1255758	1274818	1.36	cps
Magnesium	24-2	3011217	2998876	2987285	2999126	0.40	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6975	6732	6952	6886	1.95	cps
Molybdenum	94-1	4324474	4375563	4338558	4346198	0.61	cps
Molybdenum	95-1	7762149	7656369	7670023	7696180	0.75	cps
Molybdenum	96-1	8241680	8135020	8213612	8196771	0.67	cps
Molybdenum	97-1	4829434	4793116	4831709	4818087	0.45	cps
Molybdenum	98-1	12165270	12134594	12144727	12148197	0.13	cps
Neodymium	150-1	53	67	27	49	41.66	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	14227	14047	14655	14310	2.18	cps
Phosphorus	31-2	44279	44437	44212	44309	0.26	cps
Potassium	39-2	1604081	1610038	1578070	1597396	1.06	cps
Rhodium	103-1	6658404	6613655	6671689	6647916	0.46	cps
Rhodium	103-2	1843033	1823762	1772504	1813100	2.01	cps
Scandium	45-1	4119828	4079975	4155112	4118305	0.91	cps
Scandium	45-2	32137	32484	32167	32263	0.60	cps
Selenium	77-2	30	17	17	21	36.45	cps
Selenium	78-2	52	52	41	48	13.32	cps
Selenium	82-1	2701	2537	2596	2611	3.17	cps
Silicon	28-1	358766	353363	358064	356731	0.82	cps
Silver	109-1	182894	184786	185731	184470	0.78	cps
Silver	107-1	191417	191135	189398	190650	0.57	cps
Sodium	23-2	6674911	6755926	6689552	6706797	0.64	cps
Strontium	86-1	84428	82273	85602	84101	2.01	cps
Strontium	88-1	725682	721008	726426	724372	0.41	cps
Sulfur	34-1	2627055	2588087	2607487	2607543	0.75	cps
Terbium	159-1	10179635	10148914	10316788	10215112	0.88	cps
Terbium	159-2	2038876	2010963	1982494	2010778	1.40	cps
Thallium	203-1	165086	166519	162645	164750	1.19	cps
Thallium	205-1	396692	396376	394340	395803	0.32	cps
Tin	118-1	1917	2050	2084	2017	4.37	cps
Titanium	47-1	1991692	2001741	1966527	1986653	0.91	cps
Uranium	238-1	675	633	558	622	9.50	cps
Vanadium	51-2	12419	12119	12039	12192	1.64	cps
Yttrium	89-1	7600398	7572145	7618377	7596974	0.31	cps
Yttrium	89-2	239805	236136	235724	237222	0.95	cps
Zinc	66-2	4814	4494	4928	4745	4.74	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:02:29	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2684	2325	2475	2495	7.22	cps
Zirconium	91-1	717	567	808	697	17.50	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362779	362163	360218	361720	0.37	cps
Antimony	121-1	4885527	4914347	4898154	4899343	0.29	cps
Arsenic	75-1	1204107	1206212	1211998	1207439	0.34	cps
Barium	135-1	5287000	5266561	5171480	5241680	1.18	cps
Barium	137-1	9135721	9107494	9052785	9098667	0.46	cps
Beryllium	9-1	664692	667724	670010	667475	0.40	cps
Bismuth	209-1	6351328	6198353	6078650	6209444	2.20	cps
Bismuth	209-2	1565009	1649446	1615261	1609905	2.64	cps
Boron	11-1	363445	371269	380220	371645	2.26	cps
Boron	10-1	74929	77501	78799	77077	2.56	cps
Cadmium	106-1	111801	112005	111677	111828	0.15	cps
Cadmium	108-1	75707	75054	75040	75267	0.51	cps
Cadmium	111-1	1058170	1048010	1055567	1053916	0.50	cps
Calcium	43-1	5016713	4976853	4968541	4987369	0.52	cps
Calcium	44-1	80809441	81073233	80828098	80903591	0.18	cps
Chromium	52-2	445950	443452	442982	444128	0.36	cps
Cobalt	59-2	917339	916103	912751	915398	0.26	cps
Copper	63-2	1530385	1534728	1538727	1534613	0.27	cps
Dysprosium	156-1	100	75	58	78	26.96	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	67	33	83	61	41.67	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	100	125	108	111	11.46	cps
Gadolinium	160-2	30	17	20	22	31.22	cps
Holmium	165-1	9817110	9464988	9412495	9564864	2.30	cps
Holmium	165-2	2043234	2094424	2079635	2072431	1.27	cps
Indium	115-1	7140851	6908123	6863756	6970910	2.14	cps
Indium	115-2	303907	316369	309914	310063	2.01	cps
Iron	56-2	72310271	72706999	72137466	72384912	0.40	cps
Iron	57-2	1852391	1844264	1851385	1849347	0.24	cps
Krypton	83-1	380	427	443	417	7.88	cps
Lead	207-1	3079259	3076232	3060565	3072019	0.33	cps
Lead	208-1	13704424	13693856	13642179	13680153	0.24	cps
Lead	206-1	3361419	3350434	3310492	3340782	0.80	cps
Lithium	6-1	1282632	1243899	1266656	1264395	1.54	cps
Magnesium	24-2	7534848	7541707	7471156	7515904	0.52	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	249442	252348	251832	251207	0.62	cps
Molybdenum	94-1	8169624	8224234	8254994	8216284	0.53	cps
Molybdenum	95-1	10125068	10153690	10096986	10125248	0.28	cps
Molybdenum	96-1	11177400	11218771	11157895	11184688	0.28	cps
Molybdenum	97-1	6318715	6303938	6290309	6304321	0.23	cps
Molybdenum	98-1	16068562	16123561	15979027	16057050	0.45	cps
Neodymium	150-1	213	273	227	238	13.25	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	272101	272108	271694	271968	0.09	cps
Phosphorus	31-2	5001	4684	4701	4795	3.72	cps
Potassium	39-2	2080989	2074930	2066388	2074102	0.35	cps
Rhodium	103-1	6534864	6324011	6239450	6366108	2.39	cps
Rhodium	103-2	1750255	1846340	1765209	1787268	2.89	cps
Scandium	45-1	4152036	3997130	3982727	4043964	2.32	cps
Scandium	45-2	31596	33176	33290	32687	2.90	cps
Selenium	77-2	367	413	387	389	6.02	cps
Selenium	78-2	1341	1387	1309	1346	2.91	cps
Selenium	82-1	65050	65532	64935	65172	0.49	cps
Silicon	28-1	2378633	2437814	2453224	2423224	1.63	cps
Silver	109-1	5080469	5059817	5023758	5054681	0.57	cps
Silver	107-1	5254001	5228206	5228308	5236838	0.28	cps
Sodium	23-2	17151756	17217657	17046801	17138738	0.50	cps
Strontium	86-1	1256708	1251405	1249965	1252693	0.28	cps
Strontium	88-1	10940298	10948690	10973484	10954157	0.16	cps
Sulfur	34-1	611177	607917	606138	608410	0.42	cps
Terbium	159-1	10084805	9787029	9811002	9894279	1.67	cps
Terbium	159-2	1977297	2048893	2025366	2017185	1.81	cps
Thallium	203-1	4181374	4191265	4169634	4180758	0.26	cps
Thallium	205-1	9803159	9754435	9841819	9799804	0.45	cps
Tin	118-1	3370875	3343676	3364894	3359815	0.43	cps
Titanium	47-1	2525589	2549736	2538076	2537800	0.48	cps
Uranium	238-1	13423462	13484604	13344917	13417661	0.52	cps
Vanadium	51-2	320016	320326	319835	320059	0.08	cps
Yttrium	89-1	7588099	7384068	7315292	7429153	1.91	cps
Yttrium	89-2	230599	243184	235532	236439	2.68	cps
Zinc	66-2	150745	150560	151588	150964	0.36	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:05:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6895372	6869212	6898287	6887624	0.23	cps
Zirconium	91-1	1546010	1543612	1541086	1543569	0.16	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:57	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	40	25	31	26.06	cps
Antimony	121-1	10655	9887	8920	9821	8.85	cps
Arsenic	75-1	483	417	458	453	7.44	cps
Barium	135-1	325	258	108	231	48.13	cps
Barium	137-1	292	358	233	294	21.24	cps
Beryllium	9-1	539	394	428	454	16.67	cps
Bismuth	209-1	6620936	6696716	6533530	6617061	1.23	cps
Bismuth	209-2	1710744	1698280	1744173	1717732	1.38	cps
Boron	11-1	14992	13549	12923	13821	7.68	cps
Boron	10-1	3401	2875	2975	3084	9.04	cps
Cadmium	106-1	1742	1842	1775	1786	2.85	cps
Cadmium	108-1	17	21	33	24	36.73	cps
Cadmium	111-1	1316	1354	1290	1320	2.43	cps
Calcium	43-1	708	550	492	583	19.22	cps
Calcium	44-1	18496	17912	17703	18037	2.28	cps
Chromium	52-2	530	507	493	510	3.64	cps
Cobalt	59-2	93	47	57	66	37.48	cps
Copper	63-2	593	567	530	563	5.64	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	9555984	9697123	9373340	9542149	1.70	cps
Holmium	165-2	2103884	2059048	2063267	2075400	1.19	cps
Indium	115-1	7313919	7400279	7364701	7359633	0.59	cps
Indium	115-2	328780	326117	324200	326365	0.70	cps
Iron	56-2	4512	3917	3767	4066	9.69	cps
Iron	57-2	128	150	72	117	34.34	cps
Krypton	83-1	450	383	453	429	9.21	cps
Lead	207-1	806	895	822	841	5.62	cps
Lead	208-1	3950	3967	3823	3913	2.02	cps
Lead	206-1	1056	972	856	961	10.45	cps
Lithium	6-1	1326769	1341357	1301635	1323254	1.52	cps
Magnesium	24-2	508	650	500	553	15.25	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:57	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	60	77	76	19.89	cps
Molybdenum	94-1	3309	2642	2900	2950	11.40	cps
Molybdenum	95-1	3659	3476	3151	3428	7.51	cps
Molybdenum	96-1	4293	4026	3734	4017	6.95	cps
Molybdenum	97-1	2434	1992	2034	2153	11.33	cps
Molybdenum	98-1	5735	5435	4843	5337	8.50	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	260	313	292	9.70	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3367	3217	3259	3281	2.36	cps
Rhodium	103-1	6837161	6957018	6883558	6892579	0.88	cps
Rhodium	103-2	1923701	1914619	1887492	1908604	0.99	cps
Scandium	45-1	4076890	4157467	4093060	4109139	1.04	cps
Scandium	45-2	32705	32692	32725	32707	0.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-4	25	-87	-22	-264.90	cps
Silicon	28-1	240428	236227	235693	237449	1.09	cps
Silver	109-1	542	508	567	539	5.43	cps
Silver	107-1	733	608	558	633	14.23	cps
Sodium	23-2	12231	11847	12131	12070	1.65	cps
Strontium	86-1	925	800	708	811	13.41	cps
Strontium	88-1	817	708	583	703	16.61	cps
Sulfur	34-1	322537	324379	322450	323122	0.34	cps
Terbium	159-1	9935939	10024880	9950028	9970282	0.48	cps
Terbium	159-2	2017976	2027859	1977331	2007722	1.33	cps
Thallium	203-1	1859	1850	1475	1728	12.67	cps
Thallium	205-1	4768	4351	3709	4276	12.47	cps
Tin	118-1	2684	2550	2142	2459	11.48	cps
Titanium	47-1	208	267	225	233	12.88	cps
Uranium	238-1	575	583	425	528	16.88	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	7486990	7556566	7488225	7510593	0.53	cps
Yttrium	89-2	240704	238582	239108	239465	0.46	cps
Zinc	66-2	117	113	150	127	16.00	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:57	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2667	2209	2017	2298	14.54	cps
Zirconium	91-1	475	450	400	442	8.65	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:12:33 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	148	135	155	15.88	cps
Antimony	121-1	20842	21760	21944	21515	2.74	cps
Arsenic	75-1	2342	2834	2859	2678	10.88	cps
Barium	135-1	19749	19941	19023	19571	2.47	cps
Barium	137-1	34947	35281	34371	34867	1.32	cps
Beryllium	9-1	1500	1839	1628	1656	10.34	cps
Bismuth	209-1	6581452	6491749	6625577	6566259	1.04	cps
Bismuth	209-2	1696328	1728703	1744253	1723095	1.42	cps
Boron	11-1	22869	23896	23795	23520	2.41	cps
Boron	10-1	5201	4801	5209	5071	4.60	cps
Cadmium	106-1	1992	1692	1884	1856	8.19	cps
Cadmium	108-1	158	171	150	160	6.57	cps
Cadmium	111-1	3317	3207	3197	3240	2.06	cps
Calcium	43-1	10304	10421	10413	10379	0.63	cps
Calcium	44-1	173839	174810	172927	173859	0.54	cps
Chromium	52-2	2247	2227	2134	2202	2.75	cps
Cobalt	59-2	1960	1950	1967	1959	0.43	cps
Copper	63-2	3994	3627	3854	3825	4.84	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	0	7	20	9	114.55	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	27	3	10	13	90.16	cps
Holmium	165-1	9528254	9419276	9630102	9525877	1.11	cps
Holmium	165-2	2070243	2071435	2076299	2072659	0.15	cps
Indium	115-1	7330098	7234730	7421487	7328772	1.27	cps
Indium	115-2	327289	325953	332641	328628	1.08	cps
Iron	56-2	32104	31664	32043	31937	0.75	cps
Iron	57-2	917	817	706	813	12.99	cps
Krypton	83-1	410	417	383	403	4.37	cps
Lead	207-1	6713	6680	6769	6721	0.67	cps
Lead	208-1	30054	29981	29809	29948	0.42	cps
Lead	206-1	7397	7619	7358	7458	1.89	cps
Lithium	6-1	1328193	1293750	1334850	1318931	1.67	cps
Magnesium	24-2	15659	15910	16519	16029	2.76	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:12:33	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	403	340	423	389	11.19	cps
Molybdenum	94-1	18305	17462	17646	17804	2.49	cps
Molybdenum	95-1	20408	19423	19882	19904	2.48	cps
Molybdenum	96-1	22803	23496	23146	23148	1.50	cps
Molybdenum	97-1	12456	12882	12264	12534	2.52	cps
Molybdenum	98-1	32314	32891	32055	32420	1.32	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	970	907	987	954	4.42	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	11030	11163	11455	11216	1.94	cps
Rhodium	103-1	6879961	6814380	7030104	6908148	1.60	cps
Rhodium	103-2	1891478	1916109	1922681	1910090	0.86	cps
Scandium	45-1	4146675	4071951	4200168	4139598	1.56	cps
Scandium	45-2	33179	32832	33440	33150	0.92	cps
Selenium	77-2	17	3	10	10	66.70	cps
Selenium	78-2	20	15	19	18	15.82	cps
Selenium	82-1	667	671	713	684	3.75	cps
Silicon	28-1	288076	289608	290264	289316	0.39	cps
Silver	109-1	9587	10271	9912	9924	3.45	cps
Silver	107-1	10088	10488	9804	10126	3.39	cps
Sodium	23-2	45691	44813	45474	45326	1.01	cps
Strontium	86-1	3217	3309	3050	3192	4.10	cps
Strontium	88-1	21985	21301	22052	21779	1.91	cps
Sulfur	34-1	327385	328598	327258	327747	0.23	cps
Terbium	159-1	10012910	9768634	10090639	9957395	1.69	cps
Terbium	159-2	2023595	2027566	2038817	2029993	0.39	cps
Thallium	203-1	9462	8845	8887	9065	3.81	cps
Thallium	205-1	22254	22345	22012	22204	0.78	cps
Tin	118-1	33886	33644	33710	33747	0.37	cps
Titanium	47-1	5468	5143	4834	5148	6.15	cps
Uranium	238-1	26053	25794	25903	25917	0.50	cps
Vanadium	51-2	3127	3097	3020	3082	1.79	cps
Yttrium	89-1	7475034	7459425	7531035	7488498	0.50	cps
Yttrium	89-2	239547	240058	243642	241082	0.93	cps
Zinc	66-2	480	447	517	481	7.28	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:12:33	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16602	16727	16369	16566	1.10	cps
Zirconium	91-1	3792	3684	3584	3687	2.83	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BL	Instrumnet Name :	P8
Client Sample ID :	PB113292BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	25	15	21	25.00	cps
Antimony	121-1	1083	1350	1609	1347	19.49	cps
Arsenic	75-1	283	225	192	233	19.88	cps
Barium	135-1	100	42	75	72	40.52	cps
Barium	137-1	67	150	92	103	41.61	cps
Beryllium	9-1	189	217	233	213	10.54	cps
Bismuth	209-1	6589615	6609060	6725431	6641369	1.11	cps
Bismuth	209-2	1720022	1705389	1690130	1705180	0.88	cps
Boron	11-1	5618	5368	5426	5471	2.39	cps
Boron	10-1	1350	1250	1050	1217	12.56	cps
Cadmium	106-1	1692	1867	1784	1781	4.92	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	1187	1326	1262	1258	5.54	cps
Calcium	43-1	567	650	450	556	18.08	cps
Calcium	44-1	15551	16686	15576	15937	4.07	cps
Chromium	52-2	423	533	477	478	11.51	cps
Cobalt	59-2	57	57	60	58	3.33	cps
Copper	63-2	440	510	443	464	8.50	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	42	100	61	55.11	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	9588292	9575787	9719411	9627830	0.83	cps
Holmium	165-2	2047280	2058704	2052710	2052898	0.28	cps
Indium	115-1	7436514	7466195	7464824	7455844	0.22	cps
Indium	115-2	326708	326113	323970	325597	0.44	cps
Iron	56-2	2028	2128	1961	2039	4.11	cps
Iron	57-2	56	89	78	74	22.91	cps
Krypton	83-1	410	390	440	413	6.09	cps
Lead	207-1	528	678	600	602	12.46	cps
Lead	208-1	2628	2750	2600	2659	3.00	cps
Lead	206-1	622	611	628	620	1.37	cps
Lithium	6-1	1333851	1334366	1352220	1340146	0.78	cps
Magnesium	24-2	567	492	375	478	20.22	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BL	Instrumnet Name :	P8
Client Sample ID :	PB113292BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	77	73	72	7.05	cps
Molybdenum	94-1	825	758	717	767	7.13	cps
Molybdenum	95-1	642	800	692	711	11.38	cps
Molybdenum	96-1	650	792	808	750	11.60	cps
Molybdenum	97-1	392	308	342	347	12.08	cps
Molybdenum	98-1	1008	958	892	953	6.14	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	297	250	286	11.03	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3059	3050	3384	3164	6.01	cps
Rhodium	103-1	6954845	7019645	7043282	7005924	0.65	cps
Rhodium	103-2	1921858	1926504	1895618	1914660	0.87	cps
Scandium	45-1	4124917	4183612	4292732	4200420	2.03	cps
Scandium	45-2	33353	32872	32732	32986	0.99	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	18	29	-33	5	686.74	cps
Silicon	28-1	228510	228410	229527	228816	0.27	cps
Silver	109-1	225	183	192	200	11.02	cps
Silver	107-1	225	208	283	239	16.49	cps
Sodium	23-2	9345	9887	9178	9470	3.91	cps
Strontium	86-1	575	625	733	644	12.56	cps
Strontium	88-1	533	333	617	494	29.45	cps
Sulfur	34-1	329212	330746	328563	329507	0.34	cps
Terbium	159-1	9912703	9984944	10086166	9994605	0.87	cps
Terbium	159-2	2041862	1998089	2001323	2013758	1.21	cps
Thallium	203-1	600	567	683	617	9.74	cps
Thallium	205-1	1567	1775	1709	1684	6.32	cps
Tin	118-1	1333	1167	1550	1350	14.24	cps
Titanium	47-1	167	108	75	117	39.77	cps
Uranium	238-1	142	75	117	111	30.31	cps
Vanadium	51-2	17	0	20	12	87.67	cps
Yttrium	89-1	7557912	7557922	7733173	7616336	1.33	cps
Yttrium	89-2	242098	241606	238426	240710	0.83	cps
Zinc	66-2	117	120	130	122	5.68	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BL	Instrumnet Name :	P8
Client Sample ID :	PB113292BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:56	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1033	1067	1100	1067	3.12	cps
Zirconium	91-1	217	258	225	233	9.45	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : PB113292BS Instrumnet Name : P8
 Client Sample ID : PB113292BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:19:18 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69164	68242	67478	68294	1.24	cps
Antimony	121-1	4940040	4937692	5005041	4960924	0.77	cps
Arsenic	75-1	1225794	1232008	1225565	1227789	0.30	cps
Barium	135-1	5205495	5225956	5293733	5241728	0.88	cps
Barium	137-1	9124118	9171552	9223920	9173197	0.54	cps
Beryllium	9-1	679579	671626	676358	675854	0.59	cps
Bismuth	209-1	6534101	6524367	6426786	6495085	0.91	cps
Bismuth	209-2	1692664	1750495	1701744	1714967	1.81	cps
Boron	11-1	356496	366000	374324	365607	2.44	cps
Boron	10-1	73246	76512	77744	75834	3.07	cps
Cadmium	106-1	114323	116887	116551	115920	1.20	cps
Cadmium	108-1	77295	79361	78201	78285	1.32	cps
Cadmium	111-1	1092445	1098758	1096211	1095805	0.29	cps
Calcium	43-1	1016910	1016598	1019192	1017566	0.14	cps
Calcium	44-1	16838082	16683746	16729199	16750342	0.47	cps
Chromium	52-2	434377	434485	433787	434216	0.09	cps
Cobalt	59-2	946857	936037	938409	940434	0.60	cps
Copper	63-2	1662327	1648303	1624721	1645117	1.16	cps
Dysprosium	156-1	100	108	108	106	4.56	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	100	58	58	72	33.31	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	100	75	83	86	14.79	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	9655167	9739844	9695571	9696861	0.44	cps
Holmium	165-2	2104362	2098068	2081302	2094577	0.57	cps
Indium	115-1	7235742	7233119	7299475	7256112	0.52	cps
Indium	115-2	321563	320652	317775	319997	0.62	cps
Iron	56-2	15021185	14827492	14881805	14910160	0.67	cps
Iron	57-2	374556	369741	370059	371452	0.72	cps
Krypton	83-1	373	420	453	416	9.67	cps
Lead	207-1	3148041	3114944	3134230	3132405	0.53	cps
Lead	208-1	13867352	13905636	13904736	13892574	0.16	cps
Lead	206-1	3376894	3384139	3410622	3390552	0.52	cps
Lithium	6-1	1317599	1334118	1316798	1322838	0.74	cps
Magnesium	24-2	1629451	1610476	1612494	1617474	0.64	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BS	Instrumnet Name :	P8
Client Sample ID :	PB113292BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:19:18	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259478	257106	256210	257598	0.66	cps
Molybdenum	94-1	8100011	8137642	8163359	8133671	0.39	cps
Molybdenum	95-1	10046464	10159178	9959958	10055200	0.99	cps
Molybdenum	96-1	11177909	11316186	11189380	11227825	0.68	cps
Molybdenum	97-1	6339836	6410914	6348464	6366405	0.61	cps
Molybdenum	98-1	16152363	16126677	16070701	16116581	0.26	cps
Neodymium	150-1	267	227	173	222	21.07	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	277479	273849	274165	275164	0.73	cps
Phosphorus	31-2	4784	4909	4959	4884	1.85	cps
Potassium	39-2	421659	420510	415974	419381	0.72	cps
Rhodium	103-1	6682726	6762866	6743372	6729655	0.62	cps
Rhodium	103-2	1847855	1868875	1848567	1855099	0.64	cps
Scandium	45-1	4185211	4120725	4149760	4151898	0.78	cps
Scandium	45-2	34325	33143	33303	33590	1.91	cps
Selenium	77-2	433	370	400	401	7.90	cps
Selenium	78-2	1395	1332	1378	1368	2.38	cps
Selenium	82-1	65900	65908	66071	65960	0.15	cps
Silicon	28-1	2529767	2578804	2617678	2575416	1.71	cps
Silver	109-1	5217882	5289443	5244551	5250626	0.69	cps
Silver	107-1	5433703	5484919	5442731	5453784	0.50	cps
Sodium	23-2	3621765	3575724	3594514	3597334	0.64	cps
Strontium	86-1	1253055	1257092	1254518	1254888	0.16	cps
Strontium	88-1	10947215	10985958	10940277	10957817	0.22	cps
Sulfur	34-1	620356	622295	615246	619299	0.59	cps
Terbium	159-1	10109938	10064715	10011594	10062082	0.49	cps
Terbium	159-2	2038478	2044000	2051601	2044693	0.32	cps
Thallium	203-1	4242571	4302814	4241228	4262205	0.83	cps
Thallium	205-1	9879360	10010264	9926153	9938592	0.67	cps
Tin	118-1	3375002	3385760	3401825	3387529	0.40	cps
Titanium	47-1	2558879	2528559	2543954	2543797	0.60	cps
Uranium	238-1	13208323	13225407	13263384	13232371	0.21	cps
Vanadium	51-2	323546	321628	321950	322375	0.32	cps
Yttrium	89-1	7503248	7604134	7556798	7554727	0.67	cps
Yttrium	89-2	242367	240833	240107	241102	0.48	cps
Zinc	66-2	159494	156562	156417	157491	1.10	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	PB113292BS	Instrumnet Name :	P8
Client Sample ID :	PB113292BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:19:18	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6819379	6858738	6830432	6836183	0.30	cps
Zirconium	91-1	1537010	1548108	1515292	1533470	1.09	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	373	348	360	3.47	cps
Antimony	121-1	8036	6952	7136	7375	7.87	cps
Arsenic	75-1	21167	20333	22102	21200	4.18	cps
Barium	135-1	158286	156698	158740	157908	0.68	cps
Barium	137-1	282285	280925	278574	280595	0.67	cps
Beryllium	9-1	433	406	478	439	8.30	cps
Bismuth	209-1	6784515	7070806	7067117	6974146	2.35	cps
Bismuth	209-2	1865850	1847561	1917973	1877128	1.95	cps
Boron	11-1	122729	123957	125368	124018	1.06	cps
Boron	10-1	25031	25599	24781	25137	1.67	cps
Cadmium	106-1	1742	1934	1875	1850	5.31	cps
Cadmium	108-1	29	25	33	29	14.28	cps
Cadmium	111-1	1370	1519	1473	1454	5.26	cps
Calcium	43-1	2619876	2580829	2559873	2586859	1.18	cps
Calcium	44-1	42361262	41646279	41136753	41714765	1.47	cps
Chromium	52-2	973	980	933	962	2.62	cps
Cobalt	59-2	90	113	83	96	16.49	cps
Copper	63-2	42749	41873	42351	42324	1.04	cps
Dysprosium	156-1	100	67	33	67	50.01	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	50	108	75	78	37.63	cps
Erbium	164-2	3	23	27	18	71.00	cps
Gadolinium	160-1	183	100	117	133	33.08	cps
Gadolinium	160-2	23	27	30	27	12.51	cps
Holmium	165-1	10253660	10505958	10585158	10448259	1.66	cps
Holmium	165-2	2277436	2241388	2284280	2267701	1.02	cps
Indium	115-1	7846869	8185955	8077559	8036794	2.15	cps
Indium	115-2	358563	354009	353935	355502	0.75	cps
Iron	56-2	56241	55338	55489	55689	0.87	cps
Iron	57-2	1456	1467	1506	1476	1.78	cps
Krypton	83-1	463	387	417	422	9.15	cps
Lead	207-1	18759	18197	18709	18555	1.68	cps
Lead	208-1	87096	85170	85041	85769	1.34	cps
Lead	206-1	22398	21407	21296	21701	2.80	cps
Lithium	6-1	1408042	1463717	1440698	1437486	1.95	cps
Magnesium	24-2	1097895	1083583	1075517	1085665	1.04	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1507	1553	1603	1555	3.11	cps
Molybdenum	94-1	9679	9537	9312	9509	1.95	cps
Molybdenum	95-1	15201	14625	14650	14825	2.20	cps
Molybdenum	96-1	16227	16194	15226	15882	3.58	cps
Molybdenum	97-1	10071	9020	9495	9529	5.52	cps
Molybdenum	98-1	24481	25099	24415	24665	1.53	cps
Neodymium	150-1	53	60	87	67	26.46	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	1667	1683	1864	1738	6.28	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	27227	27954	26501	27227	2.67	cps
Rhodium	103-1	7069596	7386945	7418804	7291782	2.65	cps
Rhodium	103-2	2055734	2008607	2042975	2035772	1.20	cps
Scandium	45-1	4440977	4592033	4578333	4537114	1.84	cps
Scandium	45-2	37019	35619	36678	36438	2.00	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	124	133	72	110	29.95	cps
Silicon	28-1	39335311	38689874	38037537	38687574	1.68	cps
Silver	109-1	1684	2092	2584	2120	21.26	cps
Silver	107-1	1934	2184	2809	2309	19.53	cps
Sodium	23-2	1425584	1388171	1375013	1396256	1.88	cps
Strontium	86-1	5892410	5804894	5780903	5826069	1.01	cps
Strontium	88-1	51594844	50635772	50811834	51014150	1.00	cps
Sulfur	34-1	2614095	2555517	2531223	2566945	1.66	cps
Terbium	159-1	10519332	10894280	10978859	10797490	2.27	cps
Terbium	159-2	2216902	2206649	2187735	2203762	0.67	cps
Thallium	203-1	3901	3809	3976	3895	2.14	cps
Thallium	205-1	9045	9170	8670	8962	2.91	cps
Tin	118-1	6960	6910	7111	6994	1.49	cps
Titanium	47-1	683	583	658	642	8.11	cps
Uranium	238-1	80645	81056	81417	81039	0.48	cps
Vanadium	51-2	1460	1550	1500	1503	3.00	cps
Yttrium	89-1	8152865	8334462	8329877	8272401	1.25	cps
Yttrium	89-2	264151	258949	258358	260486	1.22	cps
Zinc	66-2	22715	23130	22432	22759	1.54	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01	Instrumnet Name :	P8
Client Sample ID :	380912129.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1834	1775	1884	1831	2.96	cps
Zirconium	91-1	350	317	425	364	15.25	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398	438	358	398	10.06	cps
Antimony	121-1	3276	2967	3259	3167	5.48	cps
Arsenic	75-1	23212	24356	24264	23944	2.65	cps
Barium	135-1	164334	161322	161759	162472	1.00	cps
Barium	137-1	287659	288008	284338	286668	0.71	cps
Beryllium	9-1	333	294	350	326	8.75	cps
Bismuth	209-1	7154618	7165079	7152084	7157260	0.10	cps
Bismuth	209-2	1848058	1848485	1832630	1843058	0.49	cps
Boron	11-1	115814	118621	120813	118416	2.12	cps
Boron	10-1	24922	24898	25574	25131	1.53	cps
Cadmium	106-1	1825	1842	1592	1753	7.97	cps
Cadmium	108-1	42	25	25	31	31.50	cps
Cadmium	111-1	1344	1388	1205	1313	7.29	cps
Calcium	43-1	2606709	2592852	2587814	2595792	0.38	cps
Calcium	44-1	41817667	41457962	41400209	41558613	0.54	cps
Chromium	52-2	863	940	843	882	5.78	cps
Cobalt	59-2	90	77	100	89	13.17	cps
Copper	63-2	42177	41917	42054	42049	0.31	cps
Dysprosium	156-1	67	17	33	39	65.46	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	133	92	108	111	18.88	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	183	100	125	136	31.41	cps
Gadolinium	160-2	13	23	10	16	44.60	cps
Holmium	165-1	10654192	10689570	10667462	10670408	0.17	cps
Holmium	165-2	2252864	2216853	2240801	2236839	0.82	cps
Indium	115-1	8028152	8106987	8087815	8074318	0.51	cps
Indium	115-2	345670	343292	343085	344016	0.42	cps
Iron	56-2	55438	55656	54357	55150	1.26	cps
Iron	57-2	1456	1422	1472	1450	1.76	cps
Krypton	83-1	410	437	423	423	3.15	cps
Lead	207-1	18597	19009	18030	18545	2.65	cps
Lead	208-1	87375	87357	85113	86615	1.50	cps
Lead	206-1	22359	22721	21981	22353	1.66	cps
Lithium	6-1	1452766	1476765	1471882	1467138	0.86	cps
Magnesium	24-2	1079886	1068582	1051037	1066502	1.36	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1557	1563	1747	1622	6.65	cps
Molybdenum	94-1	8003	7944	7878	7942	0.79	cps
Molybdenum	95-1	13474	13616	13916	13669	1.65	cps
Molybdenum	96-1	14467	14375	14567	14470	0.66	cps
Molybdenum	97-1	8236	7961	8353	8183	2.46	cps
Molybdenum	98-1	22111	22019	20859	21663	3.22	cps
Neodymium	150-1	47	53	53	51	7.53	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1683	1727	1783	1731	2.90	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	26150	25115	25390	25552	2.10	cps
Rhodium	103-1	7392501	7384836	7308796	7362044	0.63	cps
Rhodium	103-2	2018964	1988287	1982893	1996715	0.97	cps
Scandium	45-1	4451215	4497334	4497694	4482081	0.60	cps
Scandium	45-2	34272	33072	34141	33829	1.95	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	90	95	73	86	13.61	cps
Silicon	28-1	38905186	38076795	37910665	38297549	1.39	cps
Silver	109-1	2825	3117	3067	3003	5.19	cps
Silver	107-1	3109	3542	3359	3337	6.52	cps
Sodium	23-2	1379123	1374874	1356994	1370330	0.86	cps
Strontium	86-1	5954651	5921939	5843491	5906694	0.97	cps
Strontium	88-1	51643080	51778709	51418834	51613541	0.35	cps
Sulfur	34-1	2578581	2551188	2541669	2557146	0.75	cps
Terbium	159-1	11000142	11019920	11020947	11013670	0.11	cps
Terbium	159-2	2174198	2172250	2151782	2166077	0.57	cps
Thallium	203-1	1642	1725	1659	1675	2.63	cps
Thallium	205-1	3584	3842	4243	3890	8.53	cps
Tin	118-1	6127	6494	6093	6238	3.56	cps
Titanium	47-1	733	625	558	639	13.83	cps
Uranium	238-1	84696	83338	85401	84478	1.24	cps
Vanadium	51-2	1560	1497	1533	1530	2.08	cps
Yttrium	89-1	8267731	8247384	8303668	8272928	0.34	cps
Yttrium	89-2	256262	251390	250345	252666	1.25	cps
Zinc	66-2	21540	21697	21086	21441	1.48	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01DUP	Instrumnet Name :	P8
Client Sample ID :	380912129.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:25:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1467	1350	1300	1372	6.23	cps
Zirconium	91-1	342	358	283	328	12.02	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13167	13608	13327	13367	1.67	cps
Antimony	121-1	8078459	7927986	7865739	7957395	1.37	cps
Arsenic	75-1	2260039	2222168	2220086	2234097	1.01	cps
Barium	135-1	653088	638354	642386	644610	1.18	cps
Barium	137-1	1136827	1134688	1132692	1134736	0.18	cps
Beryllium	9-1	295786	295135	289478	293466	1.18	cps
Bismuth	209-1	7263290	7346769	7337094	7315718	0.62	cps
Bismuth	209-2	1872623	1897357	1860045	1876675	1.01	cps
Boron	11-1	340057	337705	343048	340270	0.79	cps
Boron	10-1	70356	70398	71394	70716	0.83	cps
Cadmium	106-1	48254	45427	45352	46345	3.57	cps
Cadmium	108-1	32740	32084	32164	32329	1.11	cps
Cadmium	111-1	492740	493869	490407	492339	0.36	cps
Calcium	43-1	2578742	2533477	2512094	2541438	1.34	cps
Calcium	44-1	41343603	40919612	40269752	40844322	1.32	cps
Chromium	52-2	357854	355231	352702	355262	0.73	cps
Cobalt	59-2	395559	392207	388690	392152	0.88	cps
Copper	63-2	560496	557716	554028	557413	0.58	cps
Dysprosium	156-1	437274	439132	429853	435419	1.13	cps
Dysprosium	156-2	9273	9550	9020	9281	2.86	cps
Erbium	164-1	108	125	117	117	7.14	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	292	217	225	244	16.82	cps
Gadolinium	160-2	33	33	13	27	43.31	cps
Holmium	165-1	10805598	10912045	10883876	10867173	0.51	cps
Holmium	165-2	2257307	2260539	2251750	2256532	0.20	cps
Indium	115-1	8014897	8014420	7945565	7991627	0.50	cps
Indium	115-2	333951	332990	328558	331833	0.87	cps
Iron	56-2	1953824	1960057	1895882	1936588	1.83	cps
Iron	57-2	47442	48981	47738	48054	1.70	cps
Krypton	83-1	407	397	430	411	4.16	cps
Lead	207-1	7110937	7140167	7100626	7117243	0.29	cps
Lead	208-1	32185992	32380582	32150257	32238944	0.38	cps
Lead	206-1	7851404	7893081	7833022	7859169	0.39	cps
Lithium	6-1	1457544	1445830	1454862	1452746	0.42	cps
Magnesium	24-2	1077920	1071087	1061056	1070021	0.79	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52512	51240	52210	51987	1.28	cps
Molybdenum	94-1	1041405	1033384	1027442	1034077	0.68	cps
Molybdenum	95-1	1890862	1881735	1848009	1873536	1.20	cps
Molybdenum	96-1	2005871	2002019	2001548	2003146	0.12	cps
Molybdenum	97-1	1142774	1139313	1120969	1134352	1.03	cps
Molybdenum	98-1	3002394	2986281	2945308	2977994	0.99	cps
Neodymium	150-1	107	73	80	87	20.35	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	290505	288415	284482	287801	1.06	cps
Phosphorus	31-2	3084	2925	3017	3009	2.64	cps
Potassium	39-2	192572	189981	189688	190747	0.83	cps
Rhodium	103-1	7360288	7462696	7360096	7394360	0.80	cps
Rhodium	103-2	1986270	1989358	1944576	1973401	1.27	cps
Scandium	45-1	4380920	4381622	4368897	4377146	0.16	cps
Scandium	45-2	32828	33106	33002	32979	0.42	cps
Selenium	77-2	1620	1627	1673	1640	1.77	cps
Selenium	78-2	5722	5679	5616	5672	0.94	cps
Selenium	82-1	303319	302874	300756	302316	0.45	cps
Silicon	28-1	41374677	40489374	39919399	40594483	1.81	cps
Silver	109-1	839905	834252	832103	835420	0.48	cps
Silver	107-1	874573	869157	862993	868908	0.67	cps
Sodium	23-2	1535708	1513049	1497278	1515345	1.27	cps
Strontium	86-1	6399761	6369701	6377882	6382448	0.24	cps
Strontium	88-1	56204870	55870789	55404572	55826744	0.72	cps
Sulfur	34-1	2475583	2424601	2415674	2438620	1.33	cps
Terbium	159-1	11186087	11385274	11258719	11276694	0.89	cps
Terbium	159-2	2198677	2172886	2156794	2176119	0.97	cps
Thallium	203-1	19468413	19499359	19394275	19454016	0.28	cps
Thallium	205-1	46427488	46378609	46097412	46301170	0.38	cps
Tin	118-1	5428640	5387384	5362690	5392905	0.62	cps
Titanium	47-1	226572	229009	224132	226571	1.08	cps
Uranium	238-1	87499	89513	88422	88478	1.14	cps
Vanadium	51-2	201770	199190	195963	198974	1.46	cps
Yttrium	89-1	8224384	8438305	8287512	8316734	1.32	cps
Yttrium	89-2	251403	251098	246161	249554	1.18	cps
Zinc	66-2	44123	43996	43164	43761	1.19	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MS	Instrumnet Name :	P8
Client Sample ID :	380912129.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:32:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12264	9020	8128	9804	22.20	cps
Zirconium	91-1	3542	3226	2592	3120	15.51	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12919	12969	12409	12766	2.43	cps
Antimony	121-1	7961249	7827595	7806059	7864968	1.07	cps
Arsenic	75-1	2215056	2189193	2199556	2201268	0.59	cps
Barium	135-1	643427	632977	630870	635758	1.06	cps
Barium	137-1	1138375	1132253	1114511	1128380	1.10	cps
Beryllium	9-1	284441	283029	283409	283626	0.26	cps
Bismuth	209-1	7422989	7352933	7310200	7362041	0.77	cps
Bismuth	209-2	1831001	1921057	1838905	1863655	2.68	cps
Boron	11-1	336363	338883	345757	340334	1.43	cps
Boron	10-1	70976	71144	72776	71632	1.39	cps
Cadmium	106-1	45528	46096	44040	45221	2.35	cps
Cadmium	108-1	32352	31813	31282	31816	1.68	cps
Cadmium	111-1	493037	491209	486702	490316	0.67	cps
Calcium	43-1	2529478	2514338	2483297	2509038	0.94	cps
Calcium	44-1	40080606	39991096	39745440	39939047	0.43	cps
Chromium	52-2	347110	342159	338988	342752	1.19	cps
Cobalt	59-2	382581	377259	374538	378126	1.08	cps
Copper	63-2	543096	537582	536172	538950	0.68	cps
Dysprosium	156-1	444296	438664	437821	440260	0.80	cps
Dysprosium	156-2	9410	9323	9150	9295	1.43	cps
Erbium	164-1	175	175	117	156	21.65	cps
Erbium	164-2	33	27	37	32	15.80	cps
Gadolinium	160-1	217	158	192	189	15.49	cps
Gadolinium	160-2	13	17	33	21	50.75	cps
Holmium	165-1	10839851	10884551	10752880	10825761	0.62	cps
Holmium	165-2	2206693	2270575	2204948	2227406	1.68	cps
Indium	115-1	7930730	7876999	7813344	7873691	0.75	cps
Indium	115-2	325742	328259	319072	324358	1.46	cps
Iron	56-2	1903797	1867368	1849676	1873614	1.47	cps
Iron	57-2	45909	45402	45068	45460	0.93	cps
Krypton	83-1	450	383	420	418	7.99	cps
Lead	207-1	7098262	7160516	7060377	7106385	0.71	cps
Lead	208-1	32303259	32348324	32089564	32247049	0.43	cps
Lead	206-1	7891369	7973081	7836586	7900345	0.87	cps
Lithium	6-1	1447082	1418947	1410005	1425345	1.36	cps
Magnesium	24-2	1046925	1038684	1023256	1036288	1.16	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50568	50341	48604	49838	2.16	cps
Molybdenum	94-1	1039738	1029342	1020870	1029983	0.92	cps
Molybdenum	95-1	1868041	1852109	1825280	1848477	1.17	cps
Molybdenum	96-1	2003405	1980755	1995720	1993293	0.58	cps
Molybdenum	97-1	1136424	1122450	1126144	1128339	0.64	cps
Molybdenum	98-1	2998524	2967429	2929440	2965131	1.17	cps
Neodymium	150-1	80	100	107	96	14.52	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	281324	278532	274674	278177	1.20	cps
Phosphorus	31-2	2992	3034	2925	2984	1.83	cps
Potassium	39-2	184231	182770	179496	182166	1.33	cps
Rhodium	103-1	7343588	7325978	7238719	7302762	0.77	cps
Rhodium	103-2	1947460	1968206	1910073	1941913	1.52	cps
Scandium	45-1	4249521	4275323	4187461	4237435	1.07	cps
Scandium	45-2	31442	31602	30186	31077	2.50	cps
Selenium	77-2	1753	1737	1597	1696	5.08	cps
Selenium	78-2	5549	5403	5255	5402	2.73	cps
Selenium	82-1	300471	297081	297422	298325	0.63	cps
Silicon	28-1	40076358	39547678	39144370	39589469	1.18	cps
Silver	109-1	836680	827656	825791	830042	0.70	cps
Silver	107-1	876998	866635	852536	865390	1.42	cps
Sodium	23-2	1465732	1490776	1439843	1465450	1.74	cps
Strontium	86-1	6446477	6356809	6357145	6386810	0.81	cps
Strontium	88-1	56337478	55972035	55272872	55860795	0.97	cps
Sulfur	34-1	2412730	2373385	2383992	2390036	0.85	cps
Terbium	159-1	11265546	11237569	11191040	11231385	0.34	cps
Terbium	159-2	2177993	2177033	2112467	2155831	1.74	cps
Thallium	203-1	19555741	19713203	19365755	19544899	0.89	cps
Thallium	205-1	46597323	46908610	46299619	46601851	0.65	cps
Tin	118-1	5434896	5299409	5290604	5341637	1.51	cps
Titanium	47-1	221085	221084	221510	221226	0.11	cps
Uranium	238-1	90033	89253	88968	89418	0.62	cps
Vanadium	51-2	193009	193100	188347	191486	1.42	cps
Yttrium	89-1	8299730	8215375	8064582	8193229	1.45	cps
Yttrium	89-2	241284	244588	235685	240519	1.87	cps
Zinc	66-2	42084	42786	41084	41985	2.04	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01MSD	Instrumnet Name :	P8
Client Sample ID :	380912129.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:35:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4643	4192	3784	4206	10.21	cps
Zirconium	91-1	1500	1834	1417	1584	13.93	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12476	12289	12156	12307	1.31	cps
Antimony	121-1	7908316	7806060	7729287	7814554	1.15	cps
Arsenic	75-1	2174509	2172100	2153317	2166642	0.54	cps
Barium	135-1	640668	636109	622906	633228	1.46	cps
Barium	137-1	1130901	1125130	1109856	1121963	0.97	cps
Beryllium	9-1	281992	278879	277328	279400	0.85	cps
Bismuth	209-1	7385218	7275999	7353588	7338268	0.77	cps
Bismuth	209-2	1768786	1834955	1831487	1811743	2.06	cps
Boron	11-1	331680	335430	337822	334977	0.92	cps
Boron	10-1	68765	70273	68916	69318	1.20	cps
Cadmium	106-1	46146	45119	44114	45126	2.25	cps
Cadmium	108-1	31320	32022	31554	31632	1.13	cps
Cadmium	111-1	492044	491668	486728	490147	0.61	cps
Calcium	43-1	2467231	2436810	2416745	2440262	1.04	cps
Calcium	44-1	39314333	39021330	38524412	38953359	1.03	cps
Chromium	52-2	334160	331130	329057	331449	0.77	cps
Cobalt	59-2	373860	366655	366392	368969	1.15	cps
Copper	63-2	527836	527930	520820	525529	0.78	cps
Dysprosium	156-1	448254	440112	435093	441153	1.51	cps
Dysprosium	156-2	9344	8967	8776	9029	3.20	cps
Erbium	164-1	175	108	125	136	25.49	cps
Erbium	164-2	37	10	17	21	65.74	cps
Gadolinium	160-1	250	267	258	258	3.23	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Holmium	165-1	10769883	10685780	10733561	10729742	0.39	cps
Holmium	165-2	2125434	2214020	2199568	2179674	2.18	cps
Indium	115-1	7836929	7848353	7868255	7851179	0.20	cps
Indium	115-2	304952	314568	312631	310717	1.64	cps
Iron	56-2	1859055	1831075	1811501	1833877	1.30	cps
Iron	57-2	45653	45202	45341	45398	0.51	cps
Krypton	83-1	473	450	417	447	6.38	cps
Lead	207-1	7206028	7142673	7163271	7170658	0.45	cps
Lead	208-1	32737567	32412277	32394237	32514693	0.59	cps
Lead	206-1	8069577	7918063	7876316	7954652	1.28	cps
Lithium	6-1	1418564	1397081	1391509	1402385	1.02	cps
Magnesium	24-2	1007880	997077	981082	995346	1.35	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47785	48089	47748	47874	0.39	cps
Molybdenum	94-1	1020415	1024921	1009531	1018289	0.78	cps
Molybdenum	95-1	1853567	1846828	1823949	1841448	0.84	cps
Molybdenum	96-1	1984610	1975906	1962047	1974187	0.58	cps
Molybdenum	97-1	1127659	1122334	1118872	1122955	0.39	cps
Molybdenum	98-1	2945471	2968163	2872996	2928876	1.70	cps
Neodymium	150-1	67	87	133	96	35.80	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	273960	272289	269960	272070	0.74	cps
Phosphorus	31-2	2759	2642	2875	2759	4.23	cps
Potassium	39-2	175859	174990	172670	174507	0.94	cps
Rhodium	103-1	7202492	7202492	7122373	7175786	0.64	cps
Rhodium	103-2	1811299	1889449	1883931	1861560	2.34	cps
Scandium	45-1	4150454	4093824	4150393	4131557	0.79	cps
Scandium	45-2	29541	30153	29648	29781	1.10	cps
Selenium	77-2	1477	1540	1423	1480	3.95	cps
Selenium	78-2	5484	5403	5110	5333	3.69	cps
Selenium	82-1	297109	294828	292370	294769	0.80	cps
Silicon	28-1	38995187	38531928	38112781	38546632	1.15	cps
Silver	109-1	825176	825626	823320	824707	0.15	cps
Silver	107-1	857266	858397	856351	857338	0.12	cps
Sodium	23-2	1413924	1402205	1386697	1400942	0.97	cps
Strontium	86-1	6296016	6262754	6202359	6253710	0.76	cps
Strontium	88-1	55337760	54781162	54675532	54931485	0.65	cps
Sulfur	34-1	2344970	2350556	2278688	2324738	1.72	cps
Terbium	159-1	11166008	11151641	11063135	11126928	0.50	cps
Terbium	159-2	2059205	2134431	2131311	2108316	2.02	cps
Thallium	203-1	19858347	19554269	19646200	19686272	0.79	cps
Thallium	205-1	47350295	46535236	46917968	46934500	0.87	cps
Tin	118-1	5378104	5397370	5308623	5361365	0.87	cps
Titanium	47-1	218843	216715	214952	216836	0.90	cps
Uranium	238-1	89353	90227	87960	89180	1.28	cps
Vanadium	51-2	187125	185351	184014	185497	0.84	cps
Yttrium	89-1	8026083	7934915	7996767	7985922	0.58	cps
Yttrium	89-2	223013	232789	231616	229139	2.33	cps
Zinc	66-2	40817	40997	40750	40855	0.31	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01A	Instrumnet Name :	P8
Client Sample ID :	380912129.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:39:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3226	3167	3126	3173	1.58	cps
Zirconium	91-1	1308	1467	1267	1347	7.83	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	215	178	187	13.41	cps
Antimony	121-1	22495	20792	20116	21134	5.80	cps
Arsenic	75-1	20449	21392	20124	20655	3.19	cps
Barium	135-1	789756	779930	778972	782886	0.76	cps
Barium	137-1	1379629	1387017	1369523	1378723	0.64	cps
Beryllium	9-1	400	367	367	378	5.10	cps
Bismuth	209-1	7795508	7793200	7786274	7791661	0.06	cps
Bismuth	209-2	1940345	1932366	1912834	1928515	0.73	cps
Boron	11-1	40090	38971	37817	38959	2.92	cps
Boron	10-1	8561	8153	8236	8317	2.60	cps
Cadmium	106-1	1850	1842	1742	1811	3.33	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Cadmium	111-1	1408	1371	1302	1360	3.96	cps
Calcium	43-1	537023	536482	532378	535295	0.47	cps
Calcium	44-1	8894189	8857483	8719821	8823831	1.04	cps
Chromium	52-2	553	660	677	630	10.62	cps
Cobalt	59-2	67	57	63	62	8.18	cps
Copper	63-2	20252	20265	19457	19991	2.31	cps
Dysprosium	156-1	83	133	67	94	36.73	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	83	83	133	100	28.87	cps
Gadolinium	160-2	3	7	20	10	88.20	cps
Holmium	165-1	10998127	11053735	10945264	10999042	0.49	cps
Holmium	165-2	2250041	2255058	2224183	2243094	0.74	cps
Indium	115-1	8186688	8153279	8176562	8172176	0.21	cps
Indium	115-2	330269	329446	328995	329570	0.20	cps
Iron	56-2	4067	4351	3990	4136	4.60	cps
Iron	57-2	172	100	83	119	39.87	cps
Krypton	83-1	303	393	393	363	14.30	cps
Lead	207-1	4751	4267	4601	4540	5.45	cps
Lead	208-1	20418	19518	19718	19884	2.38	cps
Lead	206-1	5157	4712	4968	4946	4.51	cps
Lithium	6-1	1454889	1465231	1451206	1457109	0.50	cps
Magnesium	24-2	354198	357459	348048	353235	1.35	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	767	663	737	722	7.36	cps
Molybdenum	94-1	1558	1450	1625	1545	5.72	cps
Molybdenum	95-1	2675	2317	1967	2320	15.27	cps
Molybdenum	96-1	3034	2759	2442	2745	10.79	cps
Molybdenum	97-1	1425	1459	1392	1425	2.34	cps
Molybdenum	98-1	4334	3776	3459	3856	11.49	cps
Neodymium	150-1	87	40	80	69	36.64	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	370	310	297	326	12.00	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	10329	9820	10279	10143	2.76	cps
Rhodium	103-1	7460844	7481098	7416470	7452804	0.44	cps
Rhodium	103-2	1944476	1967132	1941283	1950964	0.72	cps
Scandium	45-1	4208068	4193340	4209439	4203616	0.21	cps
Scandium	45-2	29685	30102	30269	30019	1.00	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	199	56	66	107	74.67	cps
Silicon	28-1	37493149	37105634	36690695	37096492	1.08	cps
Silver	109-1	1350	1684	1817	1617	14.87	cps
Silver	107-1	1934	1784	1742	1820	5.54	cps
Sodium	23-2	517738	517061	508518	514439	1.00	cps
Strontium	86-1	145510	146638	145451	145866	0.46	cps
Strontium	88-1	1283949	1273052	1257779	1271593	1.03	cps
Sulfur	34-1	453867	453637	451782	453095	0.25	cps
Terbium	159-1	11502906	11298889	11420234	11407343	0.90	cps
Terbium	159-2	2146605	2153349	2162164	2154039	0.36	cps
Thallium	203-1	4793	4293	4493	4526	5.56	cps
Thallium	205-1	11656	10813	10004	10825	7.63	cps
Tin	118-1	5643	5218	5443	5435	3.91	cps
Titanium	47-1	650	400	467	506	25.61	cps
Uranium	238-1	8387	7669	8053	8036	4.47	cps
Vanadium	51-2	2647	2574	2490	2570	3.05	cps
Yttrium	89-1	8208926	8146052	8055147	8136708	0.95	cps
Yttrium	89-2	235172	235261	233609	234681	0.40	cps
Zinc	66-2	5158	5418	5601	5392	4.13	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-02	Instrumnet Name :	P8
Client Sample ID :	380912130.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:42:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	717	650	642	669	6.14	cps
Zirconium	91-1	100	142	133	125	17.63	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315973	309823	311614	312470	1.01	cps
Antimony	121-1	4721034	4711622	4763150	4731935	0.58	cps
Arsenic	75-1	1132487	1129344	1145913	1135914	0.77	cps
Barium	135-1	5124406	5089964	5120272	5111547	0.37	cps
Barium	137-1	8963619	8907417	8946028	8939021	0.32	cps
Beryllium	9-1	605908	603419	613706	607678	0.88	cps
Bismuth	209-1	6382768	6392669	6493308	6422915	0.95	cps
Bismuth	209-2	1522803	1596356	1579474	1566211	2.46	cps
Boron	11-1	340589	347873	354477	347647	2.00	cps
Boron	10-1	70826	71730	74629	72395	2.74	cps
Cadmium	106-1	108183	106015	108284	107494	1.19	cps
Cadmium	108-1	72599	73068	73767	73145	0.80	cps
Cadmium	111-1	1031247	1023784	1033983	1029671	0.51	cps
Calcium	43-1	4555170	4559065	4556550	4556928	0.04	cps
Calcium	44-1	74433356	74408427	74544714	74462166	0.10	cps
Chromium	52-2	395382	390567	391068	392339	0.67	cps
Cobalt	59-2	829026	824174	825638	826280	0.30	cps
Copper	63-2	1393046	1392703	1393956	1393235	0.05	cps
Dysprosium	156-1	183	150	192	175	12.60	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	50	33	42	42	19.99	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	100	75	108	94	18.37	cps
Gadolinium	160-2	30	17	23	23	28.56	cps
Holmium	165-1	9576878	9537733	9710696	9608436	0.94	cps
Holmium	165-2	1947958	2036166	2011558	1998560	2.28	cps
Indium	115-1	6808046	6789172	6828598	6808605	0.29	cps
Indium	115-2	274693	288095	284334	282374	2.45	cps
Iron	56-2	64769563	64101938	64498970	64456823	0.52	cps
Iron	57-2	1644415	1637905	1647624	1643315	0.30	cps
Krypton	83-1	383	413	397	398	3.78	cps
Lead	207-1	3173912	3152936	3231401	3186083	1.28	cps
Lead	208-1	14152028	14069449	14313352	14178277	0.87	cps
Lead	206-1	3478501	3449603	3463131	3463745	0.42	cps
Lithium	6-1	1188825	1198861	1190358	1192681	0.45	cps
Magnesium	24-2	6619966	6545587	6554751	6573434	0.62	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	222767	219039	221085	220964	0.84	cps
Molybdenum	94-1	7842053	7861242	7907317	7870204	0.43	cps
Molybdenum	95-1	9709707	9733747	9681442	9708298	0.27	cps
Molybdenum	96-1	10863409	10810201	10766186	10813266	0.45	cps
Molybdenum	97-1	6152928	6054150	6067216	6091431	0.88	cps
Molybdenum	98-1	15619350	15559087	15464439	15547626	0.50	cps
Neodymium	150-1	333	207	207	249	29.38	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	248006	247085	245193	246761	0.58	cps
Phosphorus	31-2	4267	3842	4217	4109	5.65	cps
Potassium	39-2	1786465	1784784	1760652	1777300	0.81	cps
Rhodium	103-1	6111414	6200579	6215844	6175946	0.91	cps
Rhodium	103-2	1597745	1661306	1670166	1643072	2.40	cps
Scandium	45-1	3704253	3694358	3690886	3696499	0.19	cps
Scandium	45-2	26308	27941	27474	27241	3.09	cps
Selenium	77-2	390	317	353	353	10.38	cps
Selenium	78-2	1182	1215	1104	1167	4.89	cps
Selenium	82-1	61685	61830	61971	61829	0.23	cps
Silicon	28-1	2139690	2156319	2176482	2157497	0.85	cps
Silver	109-1	4915933	4904568	4944442	4921648	0.42	cps
Silver	107-1	5109744	5114439	5110377	5111520	0.05	cps
Sodium	23-2	15041912	14883511	14895872	14940432	0.59	cps
Strontium	86-1	1195519	1202050	1202107	1199892	0.32	cps
Strontium	88-1	10531443	10421062	10464495	10472333	0.53	cps
Sulfur	34-1	579157	571335	573302	574598	0.71	cps
Terbium	159-1	9838209	9896060	10094822	9943030	1.35	cps
Terbium	159-2	1850621	1950700	1967176	1922832	3.28	cps
Thallium	203-1	4258468	4304875	4360914	4308086	1.19	cps
Thallium	205-1	9988498	10003684	10135954	10042712	0.81	cps
Tin	118-1	3294817	3269924	3308301	3291014	0.59	cps
Titanium	47-1	2343075	2313547	2350224	2335616	0.83	cps
Uranium	238-1	14103876	14022433	14236682	14120997	0.77	cps
Vanadium	51-2	281163	280888	283109	281720	0.43	cps
Yttrium	89-1	7073270	7151056	7075315	7099880	0.62	cps
Yttrium	89-2	204129	213698	211697	209841	2.41	cps
Zinc	66-2	136615	136998	135379	136331	0.62	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:45:40	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6627635	6555237	6520770	6567881	0.83	cps
Zirconium	91-1	1464356	1476896	1469584	1470279	0.43	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	38	30	37	17.15	cps
Antimony	121-1	12398	12431	10796	11875	7.87	cps
Arsenic	75-1	1050	875	1125	1017	12.62	cps
Barium	135-1	325	400	242	322	24.58	cps
Barium	137-1	667	458	367	497	30.92	cps
Beryllium	9-1	483	544	461	496	8.70	cps
Bismuth	209-1	6991671	6964384	6843301	6933118	1.14	cps
Bismuth	209-2	1706120	1701566	1694297	1700661	0.35	cps
Boron	11-1	19564	18095	17136	18265	6.70	cps
Boron	10-1	3709	3559	3684	3651	2.20	cps
Cadmium	106-1	1809	1609	1684	1700	5.94	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	1433	1261	1307	1334	6.71	cps
Calcium	43-1	617	650	550	606	8.41	cps
Calcium	44-1	17628	16435	15217	16427	7.34	cps
Chromium	52-2	443	417	467	442	5.66	cps
Cobalt	59-2	70	57	73	67	13.22	cps
Copper	63-2	600	537	513	550	8.15	cps
Dysprosium	156-1	42	67	25	44	47.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	42	83	75	67	33.07	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	9868815	9836879	9668752	9791482	1.10	cps
Holmium	165-2	2051653	2044834	2039725	2045404	0.29	cps
Indium	115-1	7387310	7323347	7155899	7288852	1.64	cps
Indium	115-2	305778	307918	306470	306722	0.36	cps
Iron	56-2	3267	3034	2723	3008	9.08	cps
Iron	57-2	100	122	94	106	13.93	cps
Krypton	83-1	370	367	420	386	7.75	cps
Lead	207-1	872	733	795	800	8.70	cps
Lead	208-1	3767	3473	3439	3560	5.07	cps
Lead	206-1	867	739	822	809	8.02	cps
Lithium	6-1	1274205	1284791	1266373	1275123	0.72	cps
Magnesium	24-2	442	517	500	486	8.10	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	57	67	62	8.18	cps
Molybdenum	94-1	2767	2409	2284	2486	10.09	cps
Molybdenum	95-1	3751	3125	2817	3231	14.72	cps
Molybdenum	96-1	4209	3592	3092	3631	15.41	cps
Molybdenum	97-1	2350	1967	1759	2025	14.82	cps
Molybdenum	98-1	5635	5051	4834	5173	8.00	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	243	190	230	15.34	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2700	2542	2550	2598	3.43	cps
Rhodium	103-1	6848905	6762556	6623140	6744867	1.69	cps
Rhodium	103-2	1807073	1821403	1808493	1812323	0.44	cps
Scandium	45-1	3821555	3811212	3760751	3797839	0.86	cps
Scandium	45-2	28189	27975	27988	28050	0.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	9	41	-50	0	114619.75	cps
Silicon	28-1	211914	205399	206092	207802	1.72	cps
Silver	109-1	942	1000	808	917	10.72	cps
Silver	107-1	908	967	808	895	8.95	cps
Sodium	23-2	9470	9445	9320	9412	0.86	cps
Strontium	86-1	783	892	700	792	12.14	cps
Strontium	88-1	1292	1108	1092	1164	9.53	cps
Sulfur	34-1	310663	311275	311546	311162	0.15	cps
Terbium	159-1	10215644	10063599	9999859	10093034	1.10	cps
Terbium	159-2	1990799	1963802	1973799	1976133	0.69	cps
Thallium	203-1	2509	2017	2075	2200	12.21	cps
Thallium	205-1	6043	5468	4884	5465	10.60	cps
Tin	118-1	3542	3126	3042	3237	8.28	cps
Titanium	47-1	242	250	242	244	1.97	cps
Uranium	238-1	975	808	550	778	27.53	cps
Vanadium	51-2	13	17	23	18	28.64	cps
Yttrium	89-1	7278586	7296909	7143433	7239643	1.16	cps
Yttrium	89-2	217838	217035	217623	217499	0.19	cps
Zinc	66-2	107	90	73	90	18.52	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:48:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2542	2150	2317	2336	8.42	cps
Zirconium	91-1	575	533	417	508	16.15	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13082	12656	12676	12805	1.88	cps
Antimony	121-1	4793	5185	5451	5143	6.44	cps
Arsenic	75-1	12139	13115	12231	12495	4.31	cps
Barium	135-1	327225	328559	331556	329113	0.67	cps
Barium	137-1	585239	579003	576401	580214	0.78	cps
Beryllium	9-1	406	450	450	435	5.90	cps
Bismuth	209-1	7613902	7530887	7603477	7582755	0.60	cps
Bismuth	209-2	1913552	1919627	1953905	1929028	1.13	cps
Boron	11-1	27068	25340	25765	26058	3.46	cps
Boron	10-1	5535	5343	6018	5632	6.18	cps
Cadmium	106-1	2234	1925	2242	2134	8.46	cps
Cadmium	108-1	325	300	296	307	5.14	cps
Cadmium	111-1	6666	6443	6559	6556	1.70	cps
Calcium	43-1	286058	286363	278774	283732	1.51	cps
Calcium	44-1	4776557	4637554	4668396	4694169	1.56	cps
Chromium	52-2	12756	12813	12382	12650	1.85	cps
Cobalt	59-2	14097	13687	14211	13998	1.97	cps
Copper	63-2	30547	29943	30216	30235	1.00	cps
Dysprosium	156-1	12165	11039	11189	11464	5.33	cps
Dysprosium	156-2	2227	2060	2210	2166	4.24	cps
Erbium	164-1	9162	9245	8837	9081	2.38	cps
Erbium	164-2	1620	1830	1733	1728	6.08	cps
Gadolinium	160-1	10388	10505	10046	10313	2.31	cps
Gadolinium	160-2	2790	2664	2617	2690	3.33	cps
Holmium	165-1	11026376	10942542	11037103	11002007	0.47	cps
Holmium	165-2	2270602	2251030	2228931	2250187	0.93	cps
Indium	115-1	8161594	8061152	8091166	8104637	0.64	cps
Indium	115-2	337117	333749	334751	335205	0.52	cps
Iron	56-2	375493	368462	366357	370104	1.29	cps
Iron	57-2	9542	8975	8942	9153	3.69	cps
Krypton	83-1	390	403	400	398	1.75	cps
Lead	207-1	15276	14904	14965	15048	1.33	cps
Lead	208-1	69810	70061	69175	69682	0.66	cps
Lead	206-1	17652	18002	17735	17796	1.03	cps
Lithium	6-1	1450057	1440473	1437527	1442686	0.45	cps
Magnesium	24-2	397555	395577	390815	394649	0.88	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16336	15562	16126	16008	2.50	cps
Molybdenum	94-1	1142	983	917	1014	11.40	cps
Molybdenum	95-1	1150	867	908	975	15.69	cps
Molybdenum	96-1	1083	1342	1142	1189	11.40	cps
Molybdenum	97-1	733	700	700	711	2.71	cps
Molybdenum	98-1	1834	1900	1692	1809	5.88	cps
Neodymium	150-1	20250	19735	20076	20020	1.31	cps
Neodymium	150-2	2757	2634	2540	2644	4.11	cps
Nickel	60-2	17007	16954	16760	16907	0.77	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	58581	58522	57108	58070	1.44	cps
Rhodium	103-1	7463188	7422765	7382545	7422833	0.54	cps
Rhodium	103-2	1978480	2002548	1978296	1986441	0.70	cps
Scandium	45-1	4259663	4197804	4183005	4213491	0.97	cps
Scandium	45-2	30978	31619	31131	31243	1.07	cps
Selenium	77-2	7	20	20	16	49.47	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	79	52	-7	41	107.20	cps
Silicon	28-1	21606580	21450760	21235672	21431004	0.87	cps
Silver	109-1	1392	1433	1333	1386	3.62	cps
Silver	107-1	1392	1667	1642	1567	9.71	cps
Sodium	23-2	1199763	1208253	1211340	1206452	0.50	cps
Strontium	86-1	300590	297074	294206	297290	1.08	cps
Strontium	88-1	2662502	2685874	2644585	2664320	0.78	cps
Sulfur	34-1	482993	478282	476599	479291	0.69	cps
Terbium	159-1	11479413	11390741	11360421	11410191	0.54	cps
Terbium	159-2	2206924	2182927	2208731	2199527	0.65	cps
Thallium	203-1	4968	4776	4493	4746	5.04	cps
Thallium	205-1	11206	10822	9921	10649	6.19	cps
Tin	118-1	3051	2875	3050	2992	3.38	cps
Titanium	47-1	333	358	417	369	11.57	cps
Uranium	238-1	15535	15218	15535	15430	1.19	cps
Vanadium	51-2	930	843	843	872	5.74	cps
Yttrium	89-1	8311291	8243416	8229983	8261563	0.53	cps
Yttrium	89-2	243077	241802	243535	242805	0.37	cps
Zinc	66-2	16417	16023	16043	16161	1.37	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-04	Instrumnet Name :	P8
Client Sample ID :	380917733.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:52:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1292	942	1117	1117	15.67	cps
Zirconium	91-1	300	292	258	283	7.78	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238	248	228	238	4.21	cps
Antimony	121-1	3592	4343	3801	3912	9.90	cps
Arsenic	75-1	15126	16027	15827	15660	3.02	cps
Barium	135-1	110617	111819	107668	110035	1.94	cps
Barium	137-1	193157	197090	189944	193397	1.85	cps
Beryllium	9-1	328	267	239	278	16.37	cps
Bismuth	209-1	7372521	7353183	6963539	7229747	3.19	cps
Bismuth	209-2	1769639	1759216	1800097	1776318	1.20	cps
Boron	11-1	128942	132363	132935	131413	1.64	cps
Boron	10-1	26225	28195	27452	27291	3.65	cps
Cadmium	106-1	1525	1809	1492	1609	10.82	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Cadmium	111-1	1119	1317	1098	1178	10.25	cps
Calcium	43-1	1074410	1099581	1046771	1073587	2.46	cps
Calcium	44-1	17584763	18022712	17137125	17581533	2.52	cps
Chromium	52-2	577	547	603	576	4.93	cps
Cobalt	59-2	107	127	113	116	8.81	cps
Copper	63-2	26008	25714	25781	25834	0.60	cps
Dysprosium	156-1	33	75	42	50	44.10	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	75	83	58	72	17.62	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	117	83	100	100	16.66	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	10505812	10497502	9888933	10297415	3.44	cps
Holmium	165-2	2089299	2074135	2104534	2089323	0.73	cps
Indium	115-1	7606452	7811659	7359922	7592678	2.98	cps
Indium	115-2	308694	304420	306057	306390	0.70	cps
Iron	56-2	50302	48156	48613	49024	2.31	cps
Iron	57-2	1395	1311	1256	1320	5.29	cps
Krypton	83-1	420	410	423	418	1.66	cps
Lead	207-1	78548	79034	75541	77708	2.43	cps
Lead	208-1	360009	364174	345451	356544	2.76	cps
Lead	206-1	93150	92725	89536	91804	2.15	cps
Lithium	6-1	1391794	1402612	1349992	1381466	2.01	cps
Magnesium	24-2	439506	428207	428389	432034	1.50	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1533	1533	1473	1513	2.29	cps
Molybdenum	94-1	13657	13107	13541	13435	2.16	cps
Molybdenum	95-1	21618	23229	22219	22355	3.64	cps
Molybdenum	96-1	24915	25300	22979	24398	5.10	cps
Molybdenum	97-1	14492	13975	13482	13983	3.61	cps
Molybdenum	98-1	36868	35940	34662	35823	3.09	cps
Neodymium	150-1	40	53	7	33	72.11	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	467	313	327	369	23.03	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	15200	15025	15576	15267	1.84	cps
Rhodium	103-1	7020362	7068343	6716416	6935040	2.75	cps
Rhodium	103-2	1836808	1820651	1843058	1833505	0.63	cps
Scandium	45-1	4074034	4094115	3802476	3990208	4.08	cps
Scandium	45-2	28693	28088	28983	28588	1.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-21	9	-22	-12	-150.20	cps
Silicon	28-1	27922331	28723748	27178527	27941535	2.77	cps
Silver	109-1	1392	1267	1367	1342	4.93	cps
Silver	107-1	1592	1508	1600	1567	3.24	cps
Sodium	23-2	755541	739939	739969	745150	1.21	cps
Strontium	86-1	1854608	1879780	1810147	1848178	1.91	cps
Strontium	88-1	15790283	16233612	15519737	15847877	2.27	cps
Sulfur	34-1	701409	714639	685548	700532	2.08	cps
Terbium	159-1	10841817	10903617	10298259	10681231	3.12	cps
Terbium	159-2	2006403	1999970	2031327	2012567	0.82	cps
Thallium	203-1	1225	1367	1358	1317	6.04	cps
Thallium	205-1	2925	3326	3326	3192	7.24	cps
Tin	118-1	4393	4551	4334	4426	2.53	cps
Titanium	47-1	475	408	467	450	8.07	cps
Uranium	238-1	70366	71740	67987	70031	2.71	cps
Vanadium	51-2	5988	6058	6065	6037	0.70	cps
Yttrium	89-1	7766255	7761203	7394030	7640496	2.79	cps
Yttrium	89-2	220829	216165	220204	219066	1.16	cps
Zinc	66-2	7499	7536	7235	7423	2.21	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-05	Instrumnet Name :	P8
Client Sample ID :	380912100.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:55:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2209	1817	1850	1959	11.09	cps
Zirconium	91-1	483	392	417	431	11.01	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	103	125	110	11.81	cps
Antimony	121-1	3234	3442	3626	3434	5.71	cps
Arsenic	75-1	11564	13432	12256	12417	7.61	cps
Barium	135-1	14542	14901	15001	14814	1.63	cps
Barium	137-1	26202	26745	26812	26586	1.26	cps
Beryllium	9-1	233	178	189	200	14.70	cps
Bismuth	209-1	7767270	7679721	7707531	7718174	0.58	cps
Bismuth	209-2	1948606	2000916	1953641	1967721	1.47	cps
Boron	11-1	1342535	1373386	1407358	1374426	2.36	cps
Boron	10-1	264335	277193	280249	273926	3.08	cps
Cadmium	106-1	1800	1967	1925	1897	4.57	cps
Cadmium	108-1	13	42	33	29	51.51	cps
Cadmium	111-1	1331	1439	1395	1388	3.94	cps
Calcium	43-1	10851418	10986181	10942698	10926766	0.63	cps
Calcium	44-1	175947158	178029691	177211866	177062905	0.59	cps
Chromium	52-2	980	1240	1093	1105	11.80	cps
Cobalt	59-2	73	63	87	74	15.73	cps
Copper	63-2	23346	23737	23954	23679	1.30	cps
Dysprosium	156-1	83	50	42	58	37.80	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	58	83	167	103	55.19	cps
Gadolinium	160-2	30	13	20	21	39.75	cps
Holmium	165-1	11178276	11158012	11335597	11223962	0.87	cps
Holmium	165-2	2301860	2421366	2380320	2367848	2.56	cps
Indium	115-1	7950928	8015559	8005932	7990806	0.44	cps
Indium	115-2	326904	334525	327649	329693	1.27	cps
Iron	56-2	5641521	5699781	5766369	5702557	1.10	cps
Iron	57-2	141320	139934	144031	141761	1.47	cps
Krypton	83-1	397	443	417	419	5.59	cps
Lead	207-1	3262	3228	3162	3217	1.58	cps
Lead	208-1	14698	14587	14615	14633	0.40	cps
Lead	206-1	3701	3617	3684	3667	1.20	cps
Lithium	6-1	1400349	1403993	1390744	1398362	0.49	cps
Magnesium	24-2	1299674	1326535	1342136	1322782	1.62	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	139141	140491	141205	140279	0.75	cps
Molybdenum	94-1	31162	31463	32757	31794	2.67	cps
Molybdenum	95-1	50294	53213	52971	52160	3.11	cps
Molybdenum	96-1	57422	58084	56277	57261	1.60	cps
Molybdenum	97-1	32665	33726	33150	33180	1.60	cps
Molybdenum	98-1	83498	83608	84765	83957	0.84	cps
Neodymium	150-1	47	13	40	33	52.92	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1453	1453	1377	1428	3.10	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	27720	28121	28288	28043	1.04	cps
Rhodium	103-1	7247636	7164327	7210243	7207402	0.58	cps
Rhodium	103-2	1903009	1977929	1936296	1939078	1.94	cps
Scandium	45-1	4048347	4062478	4024426	4045083	0.48	cps
Scandium	45-2	28820	30527	29264	29537	3.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	65	27	83	58	49.12	cps
Silicon	28-1	30676022	30945342	30866355	30829240	0.45	cps
Silver	109-1	1208	1358	1283	1283	5.84	cps
Silver	107-1	1375	1450	1559	1461	6.31	cps
Sodium	23-2	4987862	5035904	5100393	5041387	1.12	cps
Strontium	86-1	20266842	20499953	20501412	20422736	0.66	cps
Strontium	88-1	177959816	180195467	179591908	179249064	0.65	cps
Sulfur	34-1	12657997	12735203	12714330	12702510	0.31	cps
Terbium	159-1	11455117	11598628	11660171	11571305	0.91	cps
Terbium	159-2	2251571	2299939	2249911	2267140	1.25	cps
Thallium	203-1	1058	1250	1025	1111	10.93	cps
Thallium	205-1	2575	2642	2492	2570	2.93	cps
Tin	118-1	2525	2584	2442	2517	2.83	cps
Titanium	47-1	467	508	467	481	5.01	cps
Uranium	238-1	23298	23765	23339	23467	1.10	cps
Vanadium	51-2	30	27	27	28	6.92	cps
Yttrium	89-1	8054398	8059358	7968372	8027376	0.64	cps
Yttrium	89-2	229964	234433	232005	232134	0.96	cps
Zinc	66-2	6915	7129	7209	7084	2.14	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-06	Instrumnet Name :	P8
Client Sample ID :	380912103.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4759	4218	4676	4551	6.41	cps
Zirconium	91-1	1025	883	850	920	10.11	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228	228	210	222	4.56	cps
Antimony	121-1	2475	2467	2684	2542	4.83	cps
Arsenic	75-1	13474	14450	14876	14266	5.04	cps
Barium	135-1	450	342	575	456	25.63	cps
Barium	137-1	1000	1008	850	953	9.35	cps
Beryllium	9-1	272	228	222	241	11.38	cps
Bismuth	209-1	8573856	8514154	8340270	8476093	1.43	cps
Bismuth	209-2	2070524	2033906	2087923	2064118	1.34	cps
Boron	11-1	74704	68866	66462	70011	6.05	cps
Boron	10-1	16443	15000	13941	15128	8.30	cps
Cadmium	106-1	2175	2000	2117	2097	4.25	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Cadmium	111-1	1548	1457	1502	1502	3.04	cps
Calcium	43-1	6210	5801	5660	5890	4.85	cps
Calcium	44-1	111465	108407	106393	108755	2.35	cps
Chromium	52-2	410	413	440	421	3.90	cps
Cobalt	59-2	123	110	137	123	10.81	cps
Copper	63-2	2874	2870	2857	2867	0.31	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	12167799	12058124	11824066	12016663	1.46	cps
Holmium	165-2	2403249	2341930	2397267	2380815	1.42	cps
Indium	115-1	8798236	8902093	8631726	8777352	1.55	cps
Indium	115-2	337178	341371	342662	340404	0.84	cps
Iron	56-2	3289	3212	2989	3163	4.92	cps
Iron	57-2	61	78	122	87	36.30	cps
Krypton	83-1	373	413	407	398	5.39	cps
Lead	207-1	1911	1972	1928	1937	1.63	cps
Lead	208-1	9207	9046	9085	9113	0.92	cps
Lead	206-1	2178	2550	2167	2298	9.50	cps
Lithium	6-1	1517966	1516692	1517010	1517223	0.04	cps
Magnesium	24-2	34877	34041	35186	34702	1.71	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	200	293	263	20.84	cps
Molybdenum	94-1	758	800	817	792	3.80	cps
Molybdenum	95-1	425	458	358	414	12.30	cps
Molybdenum	96-1	683	608	492	594	16.25	cps
Molybdenum	97-1	342	267	342	317	13.68	cps
Molybdenum	98-1	850	600	775	742	17.30	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	310	333	257	300	13.10	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	15384	14984	15351	15239	1.46	cps
Rhodium	103-1	8126641	8054594	7860549	8013928	1.72	cps
Rhodium	103-2	2060446	2051820	2061153	2057806	0.25	cps
Scandium	45-1	4465724	4498723	4355883	4440110	1.68	cps
Scandium	45-2	30717	30928	30340	30661	0.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	86	-3	-56	9	815.68	cps
Silicon	28-1	31816960	31678503	31083386	31526283	1.24	cps
Silver	109-1	1083	1283	1167	1178	8.53	cps
Silver	107-1	1208	1275	1308	1264	4.03	cps
Sodium	23-2	8054130	8039171	8119248	8070850	0.53	cps
Strontium	86-1	4518	4543	4626	4562	1.24	cps
Strontium	88-1	37102	34052	34478	35211	4.69	cps
Sulfur	34-1	306343	305603	301147	304364	0.92	cps
Terbium	159-1	12457787	12536354	12224377	12406173	1.31	cps
Terbium	159-2	2282682	2343042	2328227	2317984	1.36	cps
Thallium	203-1	983	792	867	881	10.97	cps
Thallium	205-1	2142	1800	1992	1978	8.66	cps
Tin	118-1	2884	2750	3025	2887	4.77	cps
Titanium	47-1	558	550	400	503	17.72	cps
Uranium	238-1	208	158	250	206	22.33	cps
Vanadium	51-2	40	40	40	40	0.00	cps
Yttrium	89-1	8702720	8795204	8553870	8683931	1.40	cps
Yttrium	89-2	241339	242644	244859	242948	0.73	cps
Zinc	66-2	3687	3430	3744	3621	4.61	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-07	Instrumnet Name :	P8
Client Sample ID :	380912128	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1392	1575	1358	1442	8.09	cps
Zirconium	91-1	350	350	283	328	11.74	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	170	198	178	9.33	cps
Antimony	121-1	7786	7644	7711	7714	0.92	cps
Arsenic	75-1	27554	29098	28121	28258	2.76	cps
Barium	135-1	139443	136749	133088	136427	2.34	cps
Barium	137-1	241665	239712	241135	240837	0.42	cps
Beryllium	9-1	222	156	272	217	27.01	cps
Bismuth	209-1	8559874	8553281	8482749	8531968	0.50	cps
Bismuth	209-2	2058120	2064645	2016670	2046478	1.27	cps
Boron	11-1	328065	332743	334186	331665	0.96	cps
Boron	10-1	67635	70038	69427	69033	1.81	cps
Cadmium	106-1	1767	1917	2067	1917	7.83	cps
Cadmium	108-1	29	33	13	25	44.09	cps
Cadmium	111-1	1296	1369	1492	1385	7.18	cps
Calcium	43-1	2906552	2899619	2841423	2882531	1.24	cps
Calcium	44-1	46645953	46224891	45843724	46238189	0.87	cps
Chromium	52-2	900	830	800	843	6.08	cps
Cobalt	59-2	123	110	97	110	12.12	cps
Copper	63-2	121212	120416	121562	121064	0.49	cps
Dysprosium	156-1	100	92	108	100	8.33	cps
Dysprosium	156-2	33	40	27	33	20.00	cps
Erbium	164-1	125	175	158	153	16.66	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	150	150	267	189	35.66	cps
Gadolinium	160-2	47	17	37	33	45.82	cps
Holmium	165-1	12255714	12297108	12103071	12218631	0.84	cps
Holmium	165-2	2405180	2412671	2395415	2404422	0.36	cps
Indium	115-1	8774361	8774154	8731341	8759952	0.28	cps
Indium	115-2	339805	335970	331781	335852	1.19	cps
Iron	56-2	211298	209133	208963	209798	0.62	cps
Iron	57-2	5329	5346	5234	5303	1.13	cps
Krypton	83-1	317	330	310	319	3.19	cps
Lead	207-1	240778	239702	238145	239542	0.55	cps
Lead	208-1	1111080	1109144	1103025	1107750	0.38	cps
Lead	206-1	283988	281421	280055	281822	0.71	cps
Lithium	6-1	1496945	1542007	1532960	1523971	1.56	cps
Magnesium	24-2	1340110	1315919	1323406	1326479	0.93	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2050	1894	1910	1951	4.41	cps
Molybdenum	94-1	12256	12248	12498	12334	1.15	cps
Molybdenum	95-1	21510	20875	20533	20973	2.36	cps
Molybdenum	96-1	22052	23087	22244	22461	2.45	cps
Molybdenum	97-1	13023	13449	12406	12960	4.05	cps
Molybdenum	98-1	33284	33501	33660	33482	0.56	cps
Neodymium	150-1	93	67	120	93	28.57	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	523	520	530	524	0.97	cps
Phosphorus	31-2	33	8	17	19	65.48	cps
Potassium	39-2	25115	24105	24606	24608	2.05	cps
Rhodium	103-1	7924642	7906829	7860999	7897490	0.42	cps
Rhodium	103-2	2012277	2007943	2004490	2008237	0.19	cps
Scandium	45-1	4361902	4338192	4320731	4340275	0.48	cps
Scandium	45-2	29805	30133	28603	29513	2.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	187	219	213	207	8.33	cps
Silicon	28-1	40261735	39954884	39030462	39749027	1.61	cps
Silver	109-1	1800	1358	1634	1597	13.96	cps
Silver	107-1	1884	1842	1634	1786	7.50	cps
Sodium	23-2	1605685	1576992	1614527	1599068	1.23	cps
Strontium	86-1	9646052	9631098	9486043	9587731	0.92	cps
Strontium	88-1	85542450	84378964	83255212	84392209	1.36	cps
Sulfur	34-1	3968165	3918265	3868588	3918339	1.27	cps
Terbium	159-1	12613514	12529036	12274631	12472393	1.41	cps
Terbium	159-2	2328815	2319366	2303239	2317140	0.56	cps
Thallium	203-1	642	767	733	714	9.07	cps
Thallium	205-1	1667	1950	1925	1847	8.49	cps
Tin	118-1	243851	243707	241493	243017	0.54	cps
Titanium	47-1	625	633	542	600	8.45	cps
Uranium	238-1	209197	211485	209037	209906	0.65	cps
Vanadium	51-2	5238	5241	5248	5242	0.10	cps
Yttrium	89-1	8706374	8747443	8627617	8693811	0.70	cps
Yttrium	89-2	240366	235731	233442	236513	1.49	cps
Zinc	66-2	3144	3084	3170	3133	1.42	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-08	Instrumnet Name :	P8
Client Sample ID :	380912106.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1700	1492	1572	7.12	cps
Zirconium	91-1	417	350	333	367	12.03	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	140	188	181	20.98	cps
Antimony	121-1	3334	3084	3451	3289	5.70	cps
Arsenic	75-1	35255	35547	35998	35600	1.05	cps
Barium	135-1	104334	104973	102083	103797	1.46	cps
Barium	137-1	181411	183446	177669	180842	1.62	cps
Beryllium	9-1	206	178	256	213	18.51	cps
Bismuth	209-1	8632416	7316578	8552567	8167187	9.03	cps
Bismuth	209-2	2083989	2054042	2021019	2053017	1.53	cps
Boron	11-1	181703	180792	179105	180533	0.73	cps
Boron	10-1	36840	37133	36856	36943	0.45	cps
Cadmium	106-1	1825	1592	1767	1728	7.03	cps
Cadmium	108-1	38	50	29	39	26.96	cps
Cadmium	111-1	1431	1221	1316	1323	7.93	cps
Calcium	43-1	1292507	1294748	1283934	1290397	0.44	cps
Calcium	44-1	20572291	20727420	20247617	20515776	1.19	cps
Chromium	52-2	897	860	780	846	7.06	cps
Cobalt	59-2	290	287	310	296	4.27	cps
Copper	63-2	150827	149460	148348	149545	0.83	cps
Dysprosium	156-1	242	183	183	203	16.61	cps
Dysprosium	156-2	47	10	57	38	65.04	cps
Erbium	164-1	117	275	208	200	39.75	cps
Erbium	164-2	20	23	43	29	43.68	cps
Gadolinium	160-1	308	250	283	281	10.43	cps
Gadolinium	160-2	80	50	40	57	36.74	cps
Holmium	165-1	12233134	10484367	12094728	11604076	8.38	cps
Holmium	165-2	2445692	2440413	2411100	2432402	0.77	cps
Indium	115-1	8852797	7575577	8695524	8374633	8.32	cps
Indium	115-2	345737	336277	336285	339433	1.61	cps
Iron	56-2	227278	218162	221718	222386	2.07	cps
Iron	57-2	5457	5712	5635	5601	2.34	cps
Krypton	83-1	370	360	403	378	6.01	cps
Lead	207-1	24524	24329	24168	24340	0.73	cps
Lead	208-1	112284	113808	111254	112449	1.14	cps
Lead	206-1	28588	28455	28026	28356	1.04	cps
Lithium	6-1	1531546	1323878	1515517	1456980	7.93	cps
Magnesium	24-2	603283	594551	593667	597167	0.89	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9360	9420	9340	9373	0.44	cps
Molybdenum	94-1	13632	13582	14366	13860	3.17	cps
Molybdenum	95-1	24189	24097	23997	24094	0.40	cps
Molybdenum	96-1	26618	26752	26293	26555	0.89	cps
Molybdenum	97-1	15000	15459	15242	15234	1.51	cps
Molybdenum	98-1	38974	38188	38322	38495	1.09	cps
Neodymium	150-1	233	193	227	218	9.84	cps
Neodymium	150-2	23	20	10	18	39.03	cps
Nickel	60-2	1273	1250	1190	1238	3.47	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	17904	16686	16660	17083	4.16	cps
Rhodium	103-1	7998134	6859728	7893169	7583677	8.30	cps
Rhodium	103-2	2078697	2039648	2028198	2048848	1.29	cps
Scandium	45-1	4390384	3756541	4312206	4153044	8.32	cps
Scandium	45-2	30854	29287	29561	29901	2.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	87	121	88	99	19.93	cps
Silicon	28-1	39445227	39457757	38738113	39213699	1.05	cps
Silver	109-1	1033	950	883	956	7.86	cps
Silver	107-1	1083	1025	1050	1053	2.78	cps
Sodium	23-2	870735	854428	852037	859066	1.18	cps
Strontium	86-1	6658842	6579731	6444927	6561167	1.65	cps
Strontium	88-1	58358116	58349220	56383993	57697110	1.97	cps
Sulfur	34-1	1361057	1340419	1333721	1345066	1.06	cps
Terbium	159-1	12689804	10874368	12413780	11992651	8.16	cps
Terbium	159-2	2390497	2323683	2314420	2342867	1.77	cps
Thallium	203-1	583	642	575	600	6.05	cps
Thallium	205-1	1350	1208	1275	1278	5.55	cps
Tin	118-1	3734	4017	3717	3823	4.41	cps
Titanium	47-1	850	875	967	897	6.85	cps
Uranium	238-1	90671	92175	90419	91088	1.04	cps
Vanadium	51-2	5428	5298	5708	5478	3.83	cps
Yttrium	89-1	8905161	7503885	8568397	8325814	8.79	cps
Yttrium	89-2	241947	235968	235721	237879	1.48	cps
Zinc	66-2	66408	65752	65872	66011	0.53	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-09	Instrumnet Name :	P8
Client Sample ID :	380912109.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:08:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1183	1100	1233	1172	5.75	cps
Zirconium	91-1	225	225	167	206	16.38	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148	143	140	143	2.66	cps
Antimony	121-1	2242	2417	2459	2373	4.85	cps
Arsenic	75-1	33517	34160	32164	33280	3.06	cps
Barium	135-1	23079	23647	23012	23246	1.50	cps
Barium	137-1	42502	41859	40513	41625	2.44	cps
Beryllium	9-1	228	150	144	174	26.77	cps
Bismuth	209-1	8652742	8584186	8524435	8587121	0.75	cps
Bismuth	209-2	2087062	2042640	2061233	2063645	1.08	cps
Boron	11-1	396718	398560	396721	397333	0.27	cps
Boron	10-1	81406	83039	81473	81973	1.13	cps
Cadmium	106-1	1692	1775	1717	1728	2.48	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Cadmium	111-1	1196	1284	1261	1247	3.64	cps
Calcium	43-1	3023677	2991161	2973488	2996109	0.85	cps
Calcium	44-1	48806546	47995790	47252619	48018318	1.62	cps
Chromium	52-2	847	743	777	789	6.69	cps
Cobalt	59-2	60	107	67	78	32.45	cps
Copper	63-2	6385	6135	5991	6170	3.23	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	92	117	150	119	24.50	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	12343865	12181788	12100620	12208758	1.01	cps
Holmium	165-2	2431344	2407383	2410199	2416309	0.54	cps
Indium	115-1	8780033	8723974	8614211	8706073	0.97	cps
Indium	115-2	335526	335331	334917	335258	0.09	cps
Iron	56-2	95497	95469	94825	95264	0.40	cps
Iron	57-2	2467	2295	2478	2413	4.26	cps
Krypton	83-1	383	353	403	380	6.62	cps
Lead	207-1	4634	4668	4751	4684	1.28	cps
Lead	208-1	22564	22553	22386	22501	0.44	cps
Lead	206-1	5852	5896	5946	5898	0.80	cps
Lithium	6-1	1511169	1490819	1473946	1491978	1.25	cps
Magnesium	24-2	1233217	1217103	1188177	1212832	1.88	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	843	813	767	808	4.78	cps
Molybdenum	94-1	22620	22812	22236	22556	1.30	cps
Molybdenum	95-1	39667	38982	37412	38687	2.99	cps
Molybdenum	96-1	41364	41765	41715	41615	0.52	cps
Molybdenum	97-1	23663	23780	23772	23738	0.28	cps
Molybdenum	98-1	61423	62135	61599	61719	0.60	cps
Neodymium	150-1	73	33	7	38	88.82	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	363	443	400	402	9.96	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	20115	20207	20733	20351	1.64	cps
Rhodium	103-1	7940572	7778835	7785430	7834946	1.17	cps
Rhodium	103-2	2028224	2035043	2027654	2030307	0.20	cps
Scandium	45-1	4360602	4295386	4269909	4308632	1.09	cps
Scandium	45-2	29357	29064	28856	29092	0.87	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	114	165	108	129	24.38	cps
Silicon	28-1	40090200	39148483	38393898	39210860	2.17	cps
Silver	109-1	967	783	975	908	11.93	cps
Silver	107-1	950	1017	1117	1028	8.16	cps
Sodium	23-2	1745776	1728305	1717479	1730520	0.83	cps
Strontium	86-1	15243721	14989790	14703189	14978900	1.81	cps
Strontium	88-1	133021607	130787486	130145478	131318190	1.15	cps
Sulfur	34-1	4041087	3953396	3894408	3962964	1.86	cps
Terbium	159-1	12668431	12642819	12429955	12580402	1.04	cps
Terbium	159-2	2362615	2337891	2326344	2342283	0.79	cps
Thallium	203-1	575	600	542	572	5.11	cps
Thallium	205-1	1333	1534	1367	1411	7.59	cps
Tin	118-1	2425	2450	2275	2384	3.97	cps
Titanium	47-1	608	625	650	628	3.34	cps
Uranium	238-1	99833	96917	97270	98007	1.62	cps
Vanadium	51-2	3084	2697	2750	2844	7.37	cps
Yttrium	89-1	8776102	8598260	8563112	8645825	1.32	cps
Yttrium	89-2	235559	234503	234375	234812	0.28	cps
Zinc	66-2	1000	1050	1070	1040	3.47	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-10	Instrumnet Name :	P8
Client Sample ID :	380912111.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2034	1900	1559	1831	13.38	cps
Zirconium	91-1	367	400	392	386	4.49	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	258	195	228	13.78	cps
Antimony	121-1	2550	2575	2292	2473	6.35	cps
Arsenic	75-1	15284	15851	16886	16007	5.07	cps
Barium	135-1	81434	83060	81534	82009	1.11	cps
Barium	137-1	147119	146715	144329	146054	1.03	cps
Beryllium	9-1	200	178	161	180	10.86	cps
Bismuth	209-1	8655348	8154391	8516938	8442226	3.06	cps
Bismuth	209-2	2114231	2088123	2059599	2087318	1.31	cps
Boron	11-1	86795	86863	85538	86399	0.86	cps
Boron	10-1	17778	17912	17495	17728	1.20	cps
Cadmium	106-1	1775	1834	1992	1867	6.01	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Cadmium	111-1	1254	1313	1411	1326	5.95	cps
Calcium	43-1	1525920	1520778	1508943	1518547	0.57	cps
Calcium	44-1	24636791	24454744	24275543	24455693	0.74	cps
Chromium	52-2	883	960	903	916	4.34	cps
Cobalt	59-2	157	183	217	186	16.20	cps
Copper	63-2	15085	15282	15158	15175	0.66	cps
Dysprosium	156-1	33	67	25	42	52.92	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	58	75	58	28.57	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	75	92	133	100	30.05	cps
Gadolinium	160-2	13	13	20	16	24.76	cps
Holmium	165-1	12476896	11795976	12335420	12202764	2.94	cps
Holmium	165-2	2514492	2478497	2448291	2480427	1.34	cps
Indium	115-1	8923711	8363606	8803107	8696808	3.39	cps
Indium	115-2	348087	350408	344257	347584	0.89	cps
Iron	56-2	3506	3217	3173	3299	5.49	cps
Iron	57-2	94	122	67	94	29.41	cps
Krypton	83-1	367	430	420	406	8.40	cps
Lead	207-1	1667	1528	1545	1580	4.80	cps
Lead	208-1	7251	7373	7190	7271	1.28	cps
Lead	206-1	1800	1945	1878	1874	3.86	cps
Lithium	6-1	1555189	1463591	1525201	1514660	3.08	cps
Magnesium	24-2	743683	738877	731684	738081	0.82	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	220	253	244	8.77	cps
Molybdenum	94-1	2842	2325	2300	2489	12.29	cps
Molybdenum	95-1	4151	3509	3909	3856	8.41	cps
Molybdenum	96-1	4218	4051	4051	4106	2.34	cps
Molybdenum	97-1	2434	2300	2034	2256	9.03	cps
Molybdenum	98-1	6143	5685	6143	5991	4.42	cps
Neodymium	150-1	0	33	33	22	86.60	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1177	1243	1040	1153	8.99	cps
Phosphorus	31-2	92	158	133	128	26.36	cps
Potassium	39-2	32497	32814	32338	32550	0.74	cps
Rhodium	103-1	8135109	7598836	7924482	7886142	3.43	cps
Rhodium	103-2	2061201	2082516	2056987	2066901	0.66	cps
Scandium	45-1	4434728	4200731	4377378	4337612	2.81	cps
Scandium	45-2	30710	30911	30343	30655	0.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	60	2	-9	18	208.39	cps
Silicon	28-1	28973704	28889478	28718001	28860394	0.45	cps
Silver	109-1	767	842	750	786	6.21	cps
Silver	107-1	725	933	1117	925	21.19	cps
Sodium	23-2	3825943	3869889	3829929	3841920	0.63	cps
Strontium	86-1	770338	768603	761862	766934	0.58	cps
Strontium	88-1	6775632	6767581	6633086	6725433	1.19	cps
Sulfur	34-1	844942	842868	836925	841578	0.49	cps
Terbium	159-1	12922958	12162633	12658067	12581219	3.07	cps
Terbium	159-2	2379885	2398056	2390307	2389416	0.38	cps
Thallium	203-1	483	575	567	542	9.36	cps
Thallium	205-1	1425	1233	1308	1322	7.31	cps
Tin	118-1	7136	7219	6852	7069	2.72	cps
Titanium	47-1	508	508	575	531	7.25	cps
Uranium	238-1	58983	57417	58530	58310	1.38	cps
Vanadium	51-2	620	543	660	608	9.75	cps
Yttrium	89-1	8863747	8340445	8781102	8661765	3.25	cps
Yttrium	89-2	243190	242442	243273	242968	0.19	cps
Zinc	66-2	8653	8339	8329	8440	2.18	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-11	Instrumnet Name :	P8
Client Sample ID :	380914014	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:15:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1017	1075	758	950	17.74	cps
Zirconium	91-1	283	175	175	211	29.63	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	225	200	219	7.77	cps
Antimony	121-1	2159	2175	2492	2275	8.26	cps
Arsenic	75-1	14266	14141	15151	14519	3.79	cps
Barium	135-1	99044	99085	100404	99511	0.78	cps
Barium	137-1	177823	178169	174942	176978	1.00	cps
Beryllium	9-1	161	167	183	170	6.79	cps
Bismuth	209-1	8597026	8604594	8449715	8550445	1.02	cps
Bismuth	209-2	2116261	2129656	2067000	2104305	1.57	cps
Boron	11-1	84440	86452	83468	84787	1.79	cps
Boron	10-1	16360	17528	18129	17339	5.19	cps
Cadmium	106-1	1767	1984	1850	1867	5.85	cps
Cadmium	108-1	29	13	8	17	66.16	cps
Cadmium	111-1	1250	1434	1335	1340	6.88	cps
Calcium	43-1	1929778	1880940	1889234	1899984	1.38	cps
Calcium	44-1	30612570	30395801	30269141	30425837	0.57	cps
Chromium	52-2	760	797	717	758	5.28	cps
Cobalt	59-2	170	177	250	199	22.32	cps
Copper	63-2	374720	376018	374092	374943	0.26	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	117	50	100	89	39.03	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	150	125	108	128	16.41	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	12432320	12566307	12384843	12461157	0.76	cps
Holmium	165-2	2510979	2482550	2475160	2489563	0.76	cps
Indium	115-1	8926716	8917227	8844473	8896139	0.51	cps
Indium	115-2	350094	346367	340910	345790	1.34	cps
Iron	56-2	3890	3928	4095	3971	2.75	cps
Iron	57-2	133	133	111	126	10.19	cps
Krypton	83-1	403	373	413	397	5.25	cps
Lead	207-1	4595	4301	4329	4408	3.69	cps
Lead	208-1	20524	20841	20263	20542	1.41	cps
Lead	206-1	5090	5068	4951	5036	1.48	cps
Lithium	6-1	1519532	1526681	1505560	1517258	0.71	cps
Magnesium	24-2	886355	875684	873264	878434	0.79	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257	297	233	262	12.22	cps
Molybdenum	94-1	2267	2659	2509	2478	7.98	cps
Molybdenum	95-1	4017	3726	3784	3842	4.02	cps
Molybdenum	96-1	4501	3651	4017	4056	10.51	cps
Molybdenum	97-1	2542	2567	2559	2556	0.50	cps
Molybdenum	98-1	6368	6127	6202	6232	1.99	cps
Neodymium	150-1	47	27	47	40	28.87	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	990	900	893	928	5.82	cps
Phosphorus	31-2	142	175	125	147	17.29	cps
Potassium	39-2	29473	29398	28931	29267	1.00	cps
Rhodium	103-1	7981434	8102115	7854383	7979311	1.55	cps
Rhodium	103-2	2073293	2043066	2038426	2051595	0.92	cps
Scandium	45-1	4407213	4447427	4332146	4395595	1.33	cps
Scandium	45-2	30627	31095	29879	30533	2.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	9	48	5	21	114.00	cps
Silicon	28-1	33986462	33553371	33372172	33637335	0.94	cps
Silver	109-1	775	1000	992	922	13.83	cps
Silver	107-1	1108	883	1225	1072	16.20	cps
Sodium	23-2	3478804	3444108	3415369	3446094	0.92	cps
Strontium	86-1	908217	900174	886794	898395	1.20	cps
Strontium	88-1	8033620	7901910	7814703	7916744	1.39	cps
Sulfur	34-1	799405	796838	792625	796289	0.43	cps
Terbium	159-1	12776647	12820241	12595978	12730955	0.93	cps
Terbium	159-2	2421459	2395720	2369263	2395481	1.09	cps
Thallium	203-1	400	625	483	503	22.62	cps
Thallium	205-1	1283	1050	1067	1133	11.49	cps
Tin	118-1	7394	7444	7144	7327	2.19	cps
Titanium	47-1	658	575	525	586	11.49	cps
Uranium	238-1	75346	73652	76813	75270	2.10	cps
Vanadium	51-2	647	853	757	752	13.75	cps
Yttrium	89-1	8858838	8911710	8735407	8835318	1.02	cps
Yttrium	89-2	243688	243328	238583	241866	1.18	cps
Zinc	66-2	13820	13931	13660	13804	0.98	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-12	Instrumnet Name :	P8
Client Sample ID :	380914015	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:18:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1417	1167	1317	1300	9.68	cps
Zirconium	91-1	308	217	242	256	18.54	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188	140	135	154	18.79	cps
Antimony	121-1	2575	2634	2759	2656	3.53	cps
Arsenic	75-1	16970	17387	18571	17643	4.71	cps
Barium	135-1	97600	98708	97751	98020	0.61	cps
Barium	137-1	173819	174639	171306	173254	1.00	cps
Beryllium	9-1	172	139	133	148	14.20	cps
Bismuth	209-1	8710374	8707685	8437529	8618529	1.82	cps
Bismuth	209-2	1982047	2058750	2062715	2034504	2.24	cps
Boron	11-1	87801	90946	90150	89633	1.82	cps
Boron	10-1	18429	17878	18596	18301	2.05	cps
Cadmium	106-1	2075	2175	1759	2003	10.86	cps
Cadmium	108-1	42	17	38	32	41.92	cps
Cadmium	111-1	1494	1590	1242	1442	12.46	cps
Calcium	43-1	1657993	1635244	1624762	1639333	1.04	cps
Calcium	44-1	26327156	26212771	25967777	26169234	0.70	cps
Chromium	52-2	673	633	590	632	6.59	cps
Cobalt	59-2	633	557	590	593	6.48	cps
Copper	63-2	377341	373198	375768	375436	0.56	cps
Dysprosium	156-1	67	25	25	39	61.86	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	142	83	108	111	26.34	cps
Gadolinium	160-2	13	10	33	19	66.81	cps
Holmium	165-1	12471206	12453945	12405118	12443423	0.28	cps
Holmium	165-2	2320441	2440908	2466385	2409245	3.24	cps
Indium	115-1	9032460	8812320	8759975	8868252	1.63	cps
Indium	115-2	328175	338566	339552	335431	1.88	cps
Iron	56-2	5351	5296	5440	5362	1.36	cps
Iron	57-2	128	172	167	156	15.57	cps
Krypton	83-1	413	397	400	403	2.19	cps
Lead	207-1	33077	32019	32642	32579	1.63	cps
Lead	208-1	152992	150974	149744	151237	1.08	cps
Lead	206-1	39740	38860	38325	38975	1.83	cps
Lithium	6-1	1551559	1545611	1522407	1539859	1.00	cps
Magnesium	24-2	794422	774768	773830	781006	1.49	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1637	1533	1537	1569	3.74	cps
Molybdenum	94-1	2700	2917	2892	2837	4.18	cps
Molybdenum	95-1	3401	3884	3576	3620	6.76	cps
Molybdenum	96-1	4092	4017	3801	3970	3.82	cps
Molybdenum	97-1	2217	2134	2425	2259	6.65	cps
Molybdenum	98-1	6127	6135	5751	6004	3.65	cps
Neodymium	150-1	13	33	40	29	48.05	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2127	2074	2107	2102	1.28	cps
Phosphorus	31-2	175	133	100	136	27.61	cps
Potassium	39-2	29640	29290	30008	29646	1.21	cps
Rhodium	103-1	8018571	8048985	7894432	7987329	1.03	cps
Rhodium	103-2	1953900	2034673	2048669	2012414	2.54	cps
Scandium	45-1	4473923	4409463	4357807	4413731	1.32	cps
Scandium	45-2	28402	29414	29491	29103	2.09	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	7	6	4	89.21	cps
Selenium	82-1	-8	42	59	31	113.87	cps
Silicon	28-1	27482454	27345592	26903540	27243862	1.11	cps
Silver	109-1	983	950	908	947	3.97	cps
Silver	107-1	933	933	992	953	3.54	cps
Sodium	23-2	3470979	3390801	3434585	3432122	1.17	cps
Strontium	86-1	830188	815473	808849	818170	1.33	cps
Strontium	88-1	7377745	7196405	7187591	7253914	1.48	cps
Sulfur	34-1	827206	828927	823709	826614	0.32	cps
Terbium	159-1	12707351	12829824	12665006	12734060	0.67	cps
Terbium	159-2	2231299	2345809	2342260	2306456	2.82	cps
Thallium	203-1	500	517	475	497	4.22	cps
Thallium	205-1	1392	1308	1150	1283	9.57	cps
Tin	118-1	9320	8695	8770	8928	3.83	cps
Titanium	47-1	425	792	617	611	30.01	cps
Uranium	238-1	65741	64275	64878	64965	1.13	cps
Vanadium	51-2	637	620	583	613	4.45	cps
Yttrium	89-1	8962032	8798818	8703378	8821409	1.48	cps
Yttrium	89-2	228942	236006	238239	234396	2.07	cps
Zinc	66-2	41860	41128	41459	41482	0.88	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-13	Instrumnet Name :	P8
Client Sample ID :	380914016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:22:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2050	1567	1617	1745	15.24	cps
Zirconium	91-1	350	358	292	333	10.90	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCV64 Instrumnet Name : P8
 Client Sample ID : CCV64 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 12:25:36 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323385	324799	326849	325011	0.54	cps
Antimony	121-1	5311679	5364525	5358644	5344949	0.54	cps
Arsenic	75-1	1218943	1229070	1234392	1227468	0.64	cps
Barium	135-1	5852374	5842450	5889875	5861566	0.43	cps
Barium	137-1	10226184	10244797	10214339	10228440	0.15	cps
Beryllium	9-1	654232	657391	657793	656472	0.30	cps
Bismuth	209-1	7438483	7263016	7322219	7341239	1.22	cps
Bismuth	209-2	1818522	1782488	1843367	1814792	1.69	cps
Boron	11-1	372708	385507	392554	383590	2.62	cps
Boron	10-1	78574	79747	78732	79018	0.81	cps
Cadmium	106-1	121217	121679	123292	122063	0.89	cps
Cadmium	108-1	82014	82815	82480	82436	0.49	cps
Cadmium	111-1	1150462	1169061	1162475	1160666	0.81	cps
Calcium	43-1	4986126	4969921	4966341	4974129	0.21	cps
Calcium	44-1	80938931	80949106	81928700	81272246	0.70	cps
Chromium	52-2	410819	411597	415306	412574	0.58	cps
Cobalt	59-2	873184	878476	880872	877511	0.45	cps
Copper	63-2	1482113	1481645	1488059	1483939	0.24	cps
Dysprosium	156-1	217	175	150	181	18.65	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	183	133	117	144	24.02	cps
Gadolinium	160-2	23	20	33	26	27.15	cps
Holmium	165-1	11108477	10785042	10873148	10922222	1.53	cps
Holmium	165-2	2230753	2212833	2267267	2236951	1.24	cps
Indium	115-1	7684920	7582398	7605505	7624274	0.71	cps
Indium	115-2	303656	304654	309909	306073	1.10	cps
Iron	56-2	68167914	68428771	68554965	68383883	0.29	cps
Iron	57-2	1730414	1742504	1769768	1747562	1.15	cps
Krypton	83-1	363	420	290	358	18.22	cps
Lead	207-1	3686931	3705069	3698826	3696942	0.25	cps
Lead	208-1	16515626	16477041	16469151	16487273	0.15	cps
Lead	206-1	4043206	4029267	4014026	4028833	0.36	cps
Lithium	6-1	1299584	1300010	1293052	1297549	0.30	cps
Magnesium	24-2	6939727	6913686	7016110	6956508	0.77	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:25:36	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	229921	233189	233393	232168	0.84	cps
Molybdenum	94-1	8734591	8916622	8759672	8803628	1.12	cps
Molybdenum	95-1	10895036	10906266	10958632	10919978	0.31	cps
Molybdenum	96-1	12031109	12007149	12124183	12054147	0.51	cps
Molybdenum	97-1	6764809	6813260	6854948	6811006	0.66	cps
Molybdenum	98-1	17397183	17364031	17515978	17425731	0.46	cps
Neodymium	150-1	420	360	447	409	10.86	cps
Neodymium	150-2	30	30	27	29	6.65	cps
Nickel	60-2	259710	260666	261507	260628	0.34	cps
Phosphorus	31-2	4334	3901	4368	4201	6.20	cps
Potassium	39-2	1802674	1840377	1839357	1827469	1.18	cps
Rhodium	103-1	6890710	6720045	6798836	6803197	1.26	cps
Rhodium	103-2	1818999	1803943	1824817	1815920	0.59	cps
Scandium	45-1	4029479	3922942	3923074	3958498	1.55	cps
Scandium	45-2	28345	28369	29080	28598	1.46	cps
Selenium	77-2	380	340	413	378	9.72	cps
Selenium	78-2	1165	1224	1226	1205	2.88	cps
Selenium	82-1	67647	67704	67855	67735	0.16	cps
Silicon	28-1	2159613	2163937	2205858	2176470	1.17	cps
Silver	109-1	5465322	5530707	5498009	5498013	0.59	cps
Silver	107-1	5675097	5744629	5754958	5724895	0.76	cps
Sodium	23-2	15624108	15651592	15775103	15683601	0.51	cps
Strontium	86-1	1320531	1330122	1327089	1325914	0.37	cps
Strontium	88-1	11598112	11597174	11685833	11627039	0.44	cps
Sulfur	34-1	603490	601348	607782	604207	0.54	cps
Terbium	159-1	11401929	11125638	11170124	11232564	1.32	cps
Terbium	159-2	2122057	2126008	2200449	2149505	2.05	cps
Thallium	203-1	4986733	5008412	4943729	4979625	0.66	cps
Thallium	205-1	11833030	11843095	11726611	11800912	0.55	cps
Tin	118-1	3692926	3746397	3753757	3731027	0.89	cps
Titanium	47-1	2521627	2527853	2501887	2517122	0.54	cps
Uranium	238-1	16633262	16799549	16813265	16748692	0.60	cps
Vanadium	51-2	294571	296763	295519	295618	0.37	cps
Yttrium	89-1	7852028	7682426	7824513	7786322	1.17	cps
Yttrium	89-2	222162	224381	225865	224136	0.83	cps
Zinc	66-2	146760	144803	149071	146878	1.45	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:25:36	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7250583	7334963	7355372	7313639	0.76	cps
Zirconium	91-1	1644683	1633462	1661138	1646428	0.85	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:28:46	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	38	53	38	39.99	cps
Antimony	121-1	11964	11055	10780	11266	5.50	cps
Arsenic	75-1	1000	1025	867	964	8.83	cps
Barium	135-1	300	300	267	289	6.66	cps
Barium	137-1	700	692	583	658	9.89	cps
Beryllium	9-1	450	433	483	456	5.59	cps
Bismuth	209-1	8016826	8088619	8069496	8058314	0.46	cps
Bismuth	209-2	1994767	1987615	1991107	1991163	0.18	cps
Boron	11-1	22710	20615	20649	21325	5.63	cps
Boron	10-1	4768	4584	4426	4593	3.72	cps
Cadmium	106-1	1834	1834	1892	1853	1.82	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Cadmium	111-1	1494	1446	1463	1467	1.67	cps
Calcium	43-1	717	750	667	711	5.90	cps
Calcium	44-1	17470	17762	17595	17609	0.83	cps
Chromium	52-2	423	433	393	417	5.00	cps
Cobalt	59-2	127	87	63	92	34.73	cps
Copper	63-2	527	590	570	562	5.76	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	75	92	108	92	18.18	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	11314422	11319595	11235671	11289896	0.42	cps
Holmium	165-2	2309288	2283043	2293550	2295294	0.58	cps
Indium	115-1	8239124	8307852	8178268	8241748	0.79	cps
Indium	115-2	333158	328826	329255	330413	0.72	cps
Iron	56-2	5662	5329	5140	5377	4.92	cps
Iron	57-2	117	167	106	130	25.11	cps
Krypton	83-1	323	380	390	364	9.87	cps
Lead	207-1	739	761	644	715	8.67	cps
Lead	208-1	3128	3545	3378	3350	6.26	cps
Lead	206-1	650	878	806	778	14.97	cps
Lithium	6-1	1408287	1413544	1420345	1414059	0.43	cps
Magnesium	24-2	733	592	692	672	10.83	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 12:28:46 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	60	80	72	14.84	cps
Molybdenum	94-1	3417	3142	2467	3009	16.25	cps
Molybdenum	95-1	4151	3926	3834	3970	4.11	cps
Molybdenum	96-1	4568	4109	3967	4215	7.44	cps
Molybdenum	97-1	2467	2200	2192	2286	6.84	cps
Molybdenum	98-1	6460	5768	5501	5910	8.37	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	263	260	280	268	4.00	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2484	2342	2367	2398	3.15	cps
Rhodium	103-1	7567951	7621670	7603353	7597658	0.36	cps
Rhodium	103-2	2019294	2002895	1996787	2006325	0.58	cps
Scandium	45-1	4186740	4147308	4096074	4143374	1.10	cps
Scandium	45-2	29845	28903	29284	29344	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	58	25	-1	27	108.69	cps
Silicon	28-1	196425	193679	193231	194445	0.89	cps
Silver	109-1	883	875	975	911	6.09	cps
Silver	107-1	967	942	933	947	1.83	cps
Sodium	23-2	8470	8470	7744	8228	5.09	cps
Strontium	86-1	650	750	692	697	7.20	cps
Strontium	88-1	1567	1525	1625	1572	3.20	cps
Sulfur	34-1	322589	325789	321413	323264	0.70	cps
Terbium	159-1	11722629	11638864	11672341	11677945	0.36	cps
Terbium	159-2	2246945	2208694	2198926	2218188	1.14	cps
Thallium	203-1	1892	1692	1592	1725	8.86	cps
Thallium	205-1	4151	4076	3592	3940	7.69	cps
Tin	118-1	2892	3192	2692	2925	8.60	cps
Titanium	47-1	267	283	283	278	3.46	cps
Uranium	238-1	1133	1217	1075	1142	6.24	cps
Vanadium	51-2	30	23	30	28	13.86	cps
Yttrium	89-1	8237190	8111897	8155416	8168168	0.78	cps
Yttrium	89-2	234629	230570	232654	232618	0.87	cps
Zinc	66-2	103	113	100	106	6.58	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:28:46	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2517	2675	2934	2709	7.77	cps
Zirconium	91-1	700	517	558	592	16.24	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4284	4092	4204	4193	2.31	cps
Antimony	121-1	3192	3584	3459	3412	5.87	cps
Arsenic	75-1	4468	5101	5451	5007	9.96	cps
Barium	135-1	101193	101025	100715	100978	0.24	cps
Barium	137-1	180355	175788	177627	177923	1.29	cps
Beryllium	9-1	261	283	272	272	4.08	cps
Bismuth	209-1	8868585	8792163	8757344	8806031	0.65	cps
Bismuth	209-2	2125590	2183437	2180289	2163105	1.50	cps
Boron	11-1	84758	86426	87843	86342	1.79	cps
Boron	10-1	18154	17745	18012	17970	1.15	cps
Cadmium	106-1	2109	2025	2217	2117	4.54	cps
Cadmium	108-1	38	17	21	25	44.09	cps
Cadmium	111-1	1566	1494	1646	1569	4.85	cps
Calcium	43-1	1821373	1814798	1823321	1819831	0.25	cps
Calcium	44-1	29408402	29070352	28661887	29046880	1.29	cps
Chromium	52-2	633	607	623	621	2.17	cps
Cobalt	59-2	233	310	257	267	14.74	cps
Copper	63-2	1665164	1676177	1637058	1659467	1.22	cps
Dysprosium	156-1	100	67	75	81	21.53	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	117	92	75	94	22.21	cps
Erbium	164-2	30	13	23	22	37.76	cps
Gadolinium	160-1	108	150	217	158	34.51	cps
Gadolinium	160-2	23	33	13	23	42.86	cps
Holmium	165-1	13133358	12754698	12867510	12918522	1.50	cps
Holmium	165-2	2533971	2587424	2582793	2568062	1.15	cps
Indium	115-1	9437127	9256023	9346455	9346535	0.97	cps
Indium	115-2	360264	367898	367620	365261	1.19	cps
Iron	56-2	12979	13640	12801	13140	3.37	cps
Iron	57-2	289	417	328	344	19.02	cps
Krypton	83-1	350	340	420	370	11.78	cps
Lead	207-1	4890	4445	4401	4579	5.91	cps
Lead	208-1	22536	21274	21469	21760	3.12	cps
Lead	206-1	5807	5574	5668	5683	2.07	cps
Lithium	6-1	1611111	1583233	1598002	1597448	0.87	cps
Magnesium	24-2	889915	878383	865184	877827	1.41	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1000	1060	1053	1038	3.17	cps
Molybdenum	94-1	4076	3817	4092	3995	3.86	cps
Molybdenum	95-1	5485	4843	4834	5054	7.38	cps
Molybdenum	96-1	5443	5710	5076	5410	5.88	cps
Molybdenum	97-1	2984	3084	3117	3062	2.27	cps
Molybdenum	98-1	7969	7911	7786	7889	1.19	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	6465	6625	6785	6625	2.42	cps
Phosphorus	31-2	100	150	92	114	27.70	cps
Potassium	39-2	31169	31528	31344	31347	0.57	cps
Rhodium	103-1	8494681	8318053	8447074	8419936	1.09	cps
Rhodium	103-2	2153784	2174509	2163440	2163911	0.48	cps
Scandium	45-1	4799052	4681908	4688824	4723262	1.39	cps
Scandium	45-2	32872	32788	32735	32798	0.21	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	134	92	13	80	76.76	cps
Silicon	28-1	33111557	33000988	32270686	32794410	1.39	cps
Silver	109-1	792	1017	875	895	12.72	cps
Silver	107-1	950	858	942	917	5.53	cps
Sodium	23-2	3421061	3362923	3369041	3384342	0.94	cps
Strontium	86-1	901773	895873	889823	895823	0.67	cps
Strontium	88-1	7963487	7859673	7864023	7895727	0.74	cps
Sulfur	34-1	832048	833433	824582	830021	0.57	cps
Terbium	159-1	13574944	13112495	13400053	13362497	1.75	cps
Terbium	159-2	2415024	2518913	2482095	2472011	2.13	cps
Thallium	203-1	1400	1308	1133	1281	10.58	cps
Thallium	205-1	3376	3117	2884	3126	7.87	cps
Tin	118-1	13774	13950	13482	13735	1.72	cps
Titanium	47-1	917	742	758	806	11.99	cps
Uranium	238-1	73744	74683	71221	73216	2.45	cps
Vanadium	51-2	747	690	730	722	4.03	cps
Yttrium	89-1	9409543	9210412	9335573	9318509	1.08	cps
Yttrium	89-2	252955	258001	257414	256123	1.08	cps
Zinc	66-2	24422	24201	23978	24200	0.92	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-14	Instrumnet Name :	P8
Client Sample ID :	380914017	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:32:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2992	3084	3075	3050	1.66	cps
Zirconium	91-1	742	742	575	686	14.02	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313	278	300	297	5.98	cps
Antimony	121-1	7669	7961	7061	7564	6.07	cps
Arsenic	75-1	16652	17070	18154	17292	4.48	cps
Barium	135-1	86449	86448	84519	85805	1.30	cps
Barium	137-1	151720	151162	147076	149986	1.69	cps
Beryllium	9-1	194	267	200	220	18.24	cps
Bismuth	209-1	8474122	8388882	8333439	8398814	0.84	cps
Bismuth	209-2	2036713	1997520	1998209	2010814	1.12	cps
Boron	11-1	105822	105344	107115	106093	0.86	cps
Boron	10-1	21166	21492	22218	21625	2.49	cps
Cadmium	106-1	1917	1800	2009	1909	5.47	cps
Cadmium	108-1	21	29	46	32	39.85	cps
Cadmium	111-1	1456	1402	1566	1475	5.64	cps
Calcium	43-1	1085654	1076552	1063557	1075254	1.03	cps
Calcium	44-1	17693541	17650539	17660361	17668147	0.13	cps
Chromium	52-2	580	673	590	614	8.34	cps
Cobalt	59-2	397	400	450	416	7.19	cps
Copper	63-2	187128	187147	185159	186478	0.61	cps
Dysprosium	156-1	75	25	42	47	53.91	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	142	125	125	131	7.37	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	12283119	12217649	12167957	12222908	0.47	cps
Holmium	165-2	2409536	2407778	2364452	2393922	1.07	cps
Indium	115-1	8881999	8631343	8580231	8697858	1.86	cps
Indium	115-2	341524	336358	334070	337318	1.13	cps
Iron	56-2	6607	7330	6935	6957	5.20	cps
Iron	57-2	183	178	161	174	6.64	cps
Krypton	83-1	400	407	390	399	2.10	cps
Lead	207-1	25977	25331	25520	25610	1.30	cps
Lead	208-1	120553	119656	117764	119324	1.19	cps
Lead	206-1	31027	30782	30008	30606	1.74	cps
Lithium	6-1	1531015	1549474	1519134	1533208	1.00	cps
Magnesium	24-2	932474	935043	921311	929609	0.79	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4801	4971	4941	4904	1.85	cps
Molybdenum	94-1	3084	2934	2850	2956	4.00	cps
Molybdenum	95-1	3384	3426	3626	3478	3.72	cps
Molybdenum	96-1	4051	4126	3767	3981	4.75	cps
Molybdenum	97-1	2100	2100	2034	2078	1.85	cps
Molybdenum	98-1	5643	5335	5443	5474	2.86	cps
Neodymium	150-1	67	40	33	47	37.80	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	787	850	883	840	5.84	cps
Phosphorus	31-2	208	192	200	200	4.17	cps
Potassium	39-2	32480	32363	31828	32224	1.08	cps
Rhodium	103-1	7942552	7846996	7835167	7874905	0.75	cps
Rhodium	103-2	2024437	1983871	2002039	2003449	1.01	cps
Scandium	45-1	4426661	4372131	4353352	4384048	0.87	cps
Scandium	45-2	30821	29321	30269	30137	2.52	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	9	2	5	78.12	cps
Selenium	82-1	48	55	6	36	72.30	cps
Silicon	28-1	20295739	20024575	19822946	20047754	1.18	cps
Silver	109-1	1650	1842	1867	1786	6.64	cps
Silver	107-1	1875	1992	2117	1995	6.06	cps
Sodium	23-2	3608744	3645712	3581796	3612084	0.89	cps
Strontium	86-1	574028	569286	563185	568833	0.96	cps
Strontium	88-1	5157840	5075397	4981139	5071459	1.74	cps
Sulfur	34-1	813742	810085	812612	812146	0.23	cps
Terbium	159-1	12569194	12464804	12479741	12504580	0.45	cps
Terbium	159-2	2359028	2303847	2315194	2326023	1.25	cps
Thallium	203-1	1092	1117	1225	1145	6.19	cps
Thallium	205-1	2484	2617	2775	2625	5.56	cps
Tin	118-1	8812	8737	8178	8575	4.04	cps
Titanium	47-1	617	392	525	511	22.14	cps
Uranium	238-1	44539	45217	44113	44623	1.25	cps
Vanadium	51-2	977	1007	953	979	2.73	cps
Yttrium	89-1	8725253	8625653	8564125	8638344	0.94	cps
Yttrium	89-2	242402	234773	235107	237427	1.82	cps
Zinc	66-2	12663	12613	12686	12654	0.30	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-15	Instrumnet Name :	P8
Client Sample ID :	380914018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:35:27	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2400	2317	2417	2378	2.25	cps
Zirconium	91-1	558	550	483	531	7.75	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	213	203	223	11.89	cps
Antimony	121-1	3009	2925	2392	2775	12.06	cps
Arsenic	75-1	36709	37260	37335	37101	0.92	cps
Barium	135-1	251293	247824	246377	248498	1.02	cps
Barium	137-1	440108	431166	435924	435733	1.03	cps
Beryllium	9-1	222	144	144	170	26.36	cps
Bismuth	209-1	8713492	8635487	8717074	8688684	0.53	cps
Bismuth	209-2	2010392	2085770	2094596	2063586	2.24	cps
Boron	11-1	70055	71638	70909	70867	1.12	cps
Boron	10-1	14316	14791	14416	14508	1.73	cps
Cadmium	106-1	1942	2075	1992	2003	3.36	cps
Cadmium	108-1	21	21	29	24	20.39	cps
Cadmium	111-1	1457	1488	1441	1462	1.65	cps
Calcium	43-1	759101	747526	747428	751352	0.89	cps
Calcium	44-1	12521561	12355075	12126173	12334269	1.61	cps
Chromium	52-2	923	797	847	856	7.46	cps
Cobalt	59-2	57	40	60	52	20.52	cps
Copper	63-2	45371	46270	44374	45338	2.09	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	108	25	33	56	82.62	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	183	158	158	167	8.66	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	12159275	12081053	12133096	12124475	0.33	cps
Holmium	165-2	2349034	2390250	2419686	2386323	1.49	cps
Indium	115-1	8816862	8702545	8646306	8721904	1.00	cps
Indium	115-2	324269	329928	333464	329221	1.41	cps
Iron	56-2	24722	24422	24210	24452	1.05	cps
Iron	57-2	678	678	661	672	1.43	cps
Krypton	83-1	440	433	343	406	13.31	cps
Lead	207-1	15755	15098	15243	15365	2.25	cps
Lead	208-1	71893	70233	70300	70809	1.33	cps
Lead	206-1	18202	17629	18047	17959	1.65	cps
Lithium	6-1	1544775	1546348	1549388	1546837	0.15	cps
Magnesium	24-2	454888	458952	451704	455182	0.80	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	817	740	740	766	5.78	cps
Molybdenum	94-1	6018	5752	6193	5988	3.72	cps
Molybdenum	95-1	7519	7044	7136	7233	3.49	cps
Molybdenum	96-1	8094	8211	8028	8111	1.14	cps
Molybdenum	97-1	4434	4484	4526	4482	1.02	cps
Molybdenum	98-1	12064	12048	11956	12023	0.49	cps
Neodymium	150-1	33	33	80	49	55.12	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1053	1163	1073	1097	5.34	cps
Phosphorus	31-2	42	50	0	31	87.67	cps
Potassium	39-2	15951	15493	15192	15545	2.46	cps
Rhodium	103-1	7992728	7799529	7774189	7855482	1.52	cps
Rhodium	103-2	1951820	1987120	2026704	1988548	1.88	cps
Scandium	45-1	4290254	4250224	4245338	4261939	0.58	cps
Scandium	45-2	28008	29140	29090	28746	2.23	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	20	69	99	63	62.90	cps
Silicon	28-1	39465956	38881397	38599648	38982334	1.13	cps
Silver	109-1	1392	1517	1592	1500	6.74	cps
Silver	107-1	1592	1542	1467	1533	4.10	cps
Sodium	23-2	730556	723635	721342	725178	0.66	cps
Strontium	86-1	5465670	5367036	5334039	5388915	1.27	cps
Strontium	88-1	47647311	46780818	46747097	47058409	1.08	cps
Sulfur	34-1	743279	734193	734839	737437	0.69	cps
Terbium	159-1	12736521	12533241	12506692	12592152	1.00	cps
Terbium	159-2	2273231	2309322	2327082	2303212	1.19	cps
Thallium	203-1	708	625	667	667	6.25	cps
Thallium	205-1	1617	1342	1308	1422	11.90	cps
Tin	118-1	14809	14442	13874	14375	3.28	cps
Titanium	47-1	700	675	650	675	3.70	cps
Uranium	238-1	91736	90888	90445	91023	0.72	cps
Vanadium	51-2	3817	4077	4087	3994	3.83	cps
Yttrium	89-1	8630927	8519360	8503994	8551427	0.81	cps
Yttrium	89-2	224692	229620	233781	229364	1.98	cps
Zinc	66-2	6602	6482	6308	6464	2.28	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-16	Instrumnet Name :	P8
Client Sample ID :	380912114.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:38:47	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4559	4836	4309	4568	5.76	cps
Zirconium	91-1	983	975	1133	1031	8.65	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	98	115	118	19.17	cps
Antimony	121-1	2359	2209	2659	2409	9.52	cps
Arsenic	75-1	42943	43846	44306	43698	1.59	cps
Barium	135-1	41583	41399	42135	41706	0.92	cps
Barium	137-1	73270	72919	71184	72457	1.54	cps
Beryllium	9-1	156	150	211	172	19.62	cps
Bismuth	209-1	8826316	8746657	8733698	8768890	0.57	cps
Bismuth	209-2	2117859	2095049	2079520	2097476	0.92	cps
Boron	11-1	138909	138218	141304	139477	1.16	cps
Boron	10-1	28663	28955	29139	28919	0.83	cps
Cadmium	106-1	1875	1992	1950	1939	3.05	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Cadmium	111-1	1320	1421	1391	1378	3.77	cps
Calcium	43-1	1315857	1282195	1282910	1293654	1.49	cps
Calcium	44-1	20871166	20454317	20516769	20614084	1.09	cps
Chromium	52-2	797	857	853	836	4.04	cps
Cobalt	59-2	43	60	50	51	16.42	cps
Copper	63-2	10171	10391	9924	10162	2.30	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	75	58	67	67	12.49	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	12423605	12218987	12334745	12325779	0.83	cps
Holmium	165-2	2465159	2435748	2437258	2446055	0.68	cps
Indium	115-1	8817159	8784643	8780574	8794125	0.23	cps
Indium	115-2	339412	335801	333306	336173	0.91	cps
Iron	56-2	3612	3467	3539	3539	2.04	cps
Iron	57-2	61	89	133	94	38.58	cps
Krypton	83-1	373	367	397	379	4.16	cps
Lead	207-1	2739	2795	2778	2771	1.03	cps
Lead	208-1	12425	12753	12336	12505	1.76	cps
Lead	206-1	2984	3106	3100	3063	2.25	cps
Lithium	6-1	1546209	1541204	1532708	1540040	0.44	cps
Magnesium	24-2	665539	661776	653038	660118	0.97	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	187	140	160	15.02	cps
Molybdenum	94-1	8812	8828	8753	8798	0.45	cps
Molybdenum	95-1	14633	14175	14250	14353	1.71	cps
Molybdenum	96-1	15526	14533	14775	14945	3.46	cps
Molybdenum	97-1	9279	9045	9429	9251	2.09	cps
Molybdenum	98-1	22419	21134	22361	21971	3.30	cps
Neodymium	150-1	20	47	7	24	83.31	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	297	320	300	306	4.13	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	17562	17261	17119	17314	1.30	cps
Rhodium	103-1	7954392	7868878	7846300	7889857	0.72	cps
Rhodium	103-2	2046193	2019477	2015554	2027074	0.82	cps
Scandium	45-1	4264522	4223245	4279682	4255816	0.69	cps
Scandium	45-2	29331	28983	29077	29130	0.62	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	127	109	75	103	25.39	cps
Silicon	28-1	38587110	38156725	38323740	38355858	0.57	cps
Silver	109-1	958	1075	1083	1039	6.73	cps
Silver	107-1	1075	1150	1325	1183	10.84	cps
Sodium	23-2	988968	973983	971621	978191	0.96	cps
Strontium	86-1	6969526	6872391	6920249	6920722	0.70	cps
Strontium	88-1	61673553	60636824	61492885	61267754	0.90	cps
Sulfur	34-1	1613004	1603210	1598988	1605067	0.45	cps
Terbium	159-1	12672346	12576746	12716788	12655294	0.57	cps
Terbium	159-2	2368542	2364483	2313796	2348940	1.30	cps
Thallium	203-1	458	425	492	458	7.27	cps
Thallium	205-1	1217	1067	1158	1147	6.59	cps
Tin	118-1	11631	11764	10738	11378	4.90	cps
Titanium	47-1	708	467	558	578	21.12	cps
Uranium	238-1	115549	114070	114356	114658	0.68	cps
Vanadium	51-2	5481	5191	5418	5363	2.84	cps
Yttrium	89-1	8652823	8600790	8641273	8631629	0.32	cps
Yttrium	89-2	237740	232849	230539	233709	1.57	cps
Zinc	66-2	1647	1443	1627	1572	7.13	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-17	Instrumnet Name :	P8
Client Sample ID :	380912117.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:42:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1559	1517	1483	6.48	cps
Zirconium	91-1	367	433	267	356	23.59	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	168	155	158	5.72	cps
Antimony	121-1	1692	1784	1734	1736	2.64	cps
Arsenic	75-1	23546	24339	24773	24220	2.57	cps
Barium	135-1	256072	249341	250206	251873	1.45	cps
Barium	137-1	446305	443078	437700	442361	0.98	cps
Beryllium	9-1	183	178	189	183	3.03	cps
Bismuth	209-1	8690287	8623420	8626657	8646788	0.44	cps
Bismuth	209-2	2107358	2094066	2060512	2087312	1.16	cps
Boron	11-1	105502	107165	109785	107484	2.01	cps
Boron	10-1	21008	22468	22352	21943	3.70	cps
Cadmium	106-1	1792	1659	1959	1803	8.34	cps
Cadmium	108-1	21	17	21	19	12.35	cps
Cadmium	111-1	1306	1220	1398	1308	6.80	cps
Calcium	43-1	1232220	1241568	1245553	1239780	0.55	cps
Calcium	44-1	20336953	20036640	19928444	20100679	1.05	cps
Chromium	52-2	630	783	760	724	11.40	cps
Cobalt	59-2	80	103	87	90	13.36	cps
Copper	63-2	45488	45250	45180	45306	0.36	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	92	150	58	100	46.40	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	17	27	13	19	36.75	cps
Holmium	165-1	12231053	12104218	12127586	12154286	0.56	cps
Holmium	165-2	2446691	2404918	2389889	2413832	1.22	cps
Indium	115-1	8692538	8668259	8657496	8672765	0.21	cps
Indium	115-2	335582	334149	331997	333909	0.54	cps
Iron	56-2	30278	29715	29454	29816	1.41	cps
Iron	57-2	756	767	744	756	1.47	cps
Krypton	83-1	317	397	433	382	15.61	cps
Lead	207-1	4423	4607	4329	4453	3.17	cps
Lead	208-1	20340	20324	20502	20389	0.48	cps
Lead	206-1	5135	5185	5040	5120	1.43	cps
Lithium	6-1	1509808	1517780	1497941	1508510	0.66	cps
Magnesium	24-2	562999	554269	557448	558239	0.79	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	540	540	523	534	1.80	cps
Molybdenum	94-1	7194	7311	7302	7269	0.90	cps
Molybdenum	95-1	12039	12173	11255	11822	4.19	cps
Molybdenum	96-1	12940	13341	12982	13088	1.68	cps
Molybdenum	97-1	7252	7636	7728	7539	3.35	cps
Molybdenum	98-1	18805	18639	18180	18541	1.75	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1030	1173	913	1039	12.54	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	15476	15826	15626	15643	1.12	cps
Rhodium	103-1	7949725	7817150	7823273	7863383	0.95	cps
Rhodium	103-2	2027730	2026595	1999262	2017862	0.80	cps
Scandium	45-1	4222085	4251174	4213631	4228963	0.47	cps
Scandium	45-2	28806	28786	28045	28546	1.52	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	140	27	-31	45	191.84	cps
Silicon	28-1	30698149	30226554	29780752	30235151	1.52	cps
Silver	109-1	1042	992	1058	1031	3.37	cps
Silver	107-1	967	1067	1150	1061	8.65	cps
Sodium	23-2	735705	727412	725077	729398	0.77	cps
Strontium	86-1	1942623	1918676	1881459	1914252	1.61	cps
Strontium	88-1	16637148	16416179	16436869	16496732	0.74	cps
Sulfur	34-1	559836	555664	554557	556686	0.50	cps
Terbium	159-1	12597439	12470538	12475402	12514460	0.57	cps
Terbium	159-2	2350093	2358521	2307693	2338769	1.16	cps
Thallium	203-1	525	517	450	497	8.27	cps
Thallium	205-1	1208	1250	1250	1236	1.95	cps
Tin	118-1	3534	3484	3376	3465	2.34	cps
Titanium	47-1	467	458	475	467	1.79	cps
Uranium	238-1	55633	55994	55173	55600	0.74	cps
Vanadium	51-2	4101	4234	4327	4221	2.70	cps
Yttrium	89-1	8618516	8498679	8489588	8535594	0.84	cps
Yttrium	89-2	234334	233446	228851	232210	1.27	cps
Zinc	66-2	2687	2484	2594	2588	3.93	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-18	Instrumnet Name :	P8
Client Sample ID :	380912120.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:26	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1634	1625	1542	1600	3.17	cps
Zirconium	91-1	417	283	358	353	18.95	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	140	118	134	10.92	cps
Antimony	121-1	1483	1700	1400	1528	10.14	cps
Arsenic	75-1	19406	20166	19757	19776	1.92	cps
Barium	135-1	347298	346268	342882	345482	0.67	cps
Barium	137-1	611011	614094	606664	610590	0.61	cps
Beryllium	9-1	156	122	178	152	18.41	cps
Bismuth	209-1	8851794	8490461	8580853	8641036	2.18	cps
Bismuth	209-2	2117631	2101450	2104401	2107827	0.41	cps
Boron	11-1	95157	95885	97504	96182	1.25	cps
Boron	10-1	19564	20490	20574	20209	2.77	cps
Cadmium	106-1	1642	1842	1825	1770	6.27	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Cadmium	111-1	1189	1320	1286	1265	5.37	cps
Calcium	43-1	619304	608094	608021	611806	1.06	cps
Calcium	44-1	10151508	10087407	10107933	10115616	0.32	cps
Chromium	52-2	723	710	790	741	5.78	cps
Cobalt	59-2	67	70	70	69	2.79	cps
Copper	63-2	18095	18806	17565	18155	3.43	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	67	33	50	33.33	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	100	75	92	89	14.32	cps
Gadolinium	160-2	17	13	30	20	44.10	cps
Holmium	165-1	12342437	12073305	12248337	12221360	1.12	cps
Holmium	165-2	2454545	2419834	2446816	2440398	0.75	cps
Indium	115-1	8829353	8707378	8675589	8737440	0.93	cps
Indium	115-2	340010	336495	338168	338225	0.52	cps
Iron	56-2	77241	77627	77431	77433	0.25	cps
Iron	57-2	1978	2000	2039	2006	1.54	cps
Krypton	83-1	433	400	350	394	10.63	cps
Lead	207-1	2289	2328	2256	2291	1.58	cps
Lead	208-1	10096	10341	9969	10135	1.87	cps
Lead	206-1	2511	2511	2361	2461	3.52	cps
Lithium	6-1	1523030	1475453	1475559	1491347	1.84	cps
Magnesium	24-2	360591	358032	356374	358332	0.59	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	497	613	570	560	10.53	cps
Molybdenum	94-1	2700	2767	2959	2809	4.78	cps
Molybdenum	95-1	4151	4042	4251	4148	2.51	cps
Molybdenum	96-1	4618	4509	4834	4654	3.56	cps
Molybdenum	97-1	2600	2659	2625	2628	1.11	cps
Molybdenum	98-1	7069	6769	6218	6685	6.45	cps
Neodymium	150-1	7	73	33	38	88.82	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	313	347	343	334	5.49	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	19681	19255	20441	19793	3.03	cps
Rhodium	103-1	8034276	7827170	7782454	7881300	1.70	cps
Rhodium	103-2	2056100	2040121	2035471	2043898	0.53	cps
Scandium	45-1	4323604	4162406	4206601	4230870	1.97	cps
Scandium	45-2	29705	28706	29170	29194	1.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	127	169	202	166	22.55	cps
Silicon	28-1	33078532	32510042	32651765	32746780	0.90	cps
Silver	109-1	650	625	642	639	1.99	cps
Silver	107-1	525	725	658	636	16.01	cps
Sodium	23-2	1052754	1037920	1037281	1042652	0.84	cps
Strontium	86-1	1313656	1293467	1291671	1299598	0.94	cps
Strontium	88-1	11489926	11419060	11373958	11427648	0.51	cps
Sulfur	34-1	501588	494766	493816	496723	0.85	cps
Terbium	159-1	12574293	12512203	12503178	12529891	0.31	cps
Terbium	159-2	2362458	2324579	2340247	2342428	0.81	cps
Thallium	203-1	350	308	333	331	6.34	cps
Thallium	205-1	567	767	692	675	14.97	cps
Tin	118-1	2367	2809	2500	2559	8.86	cps
Titanium	47-1	542	492	492	508	5.68	cps
Uranium	238-1	202396	202515	197623	200845	1.39	cps
Vanadium	51-2	6495	6625	6378	6499	1.90	cps
Yttrium	89-1	8673656	8510088	8478878	8554207	1.22	cps
Yttrium	89-2	233821	233663	233445	233643	0.08	cps
Zinc	66-2	2407	2557	2364	2442	4.15	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-19	Instrumnet Name :	P8
Client Sample ID :	380912123.3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	908	950	850	903	5.56	cps
Zirconium	91-1	225	217	242	228	5.59	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	130	120	118	10.63	cps
Antimony	121-1	1283	1217	1158	1220	5.13	cps
Arsenic	75-1	21993	22169	23371	22511	3.33	cps
Barium	135-1	92212	91817	93009	92346	0.66	cps
Barium	137-1	165280	163640	161845	163588	1.05	cps
Beryllium	9-1	128	167	122	139	17.43	cps
Bismuth	209-1	8674269	8520354	8571726	8588783	0.91	cps
Bismuth	209-2	2095875	2079095	2079792	2084921	0.46	cps
Boron	11-1	29281	29414	28404	29033	1.89	cps
Boron	10-1	5860	6335	6001	6065	4.02	cps
Cadmium	106-1	1775	1784	1950	1836	5.38	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Cadmium	111-1	1264	1281	1408	1318	5.96	cps
Calcium	43-1	377339	378322	376191	377284	0.28	cps
Calcium	44-1	6323872	6220120	6228805	6257599	0.92	cps
Chromium	52-2	703	773	760	746	4.99	cps
Cobalt	59-2	97	113	110	107	8.27	cps
Copper	63-2	42739	43037	43074	42950	0.43	cps
Dysprosium	156-1	33	17	42	31	41.65	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	50	42	61	43.83	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	92	83	117	97	17.84	cps
Gadolinium	160-2	23	0	10	11	105.35	cps
Holmium	165-1	12359136	11894225	11974460	12075941	2.06	cps
Holmium	165-2	2416553	2394615	2378795	2396655	0.79	cps
Indium	115-1	8729022	8590629	8640190	8653280	0.81	cps
Indium	115-2	332621	332506	331033	332053	0.27	cps
Iron	56-2	4173	4029	4245	4149	2.66	cps
Iron	57-2	106	111	161	126	24.30	cps
Krypton	83-1	447	370	400	406	9.53	cps
Lead	207-1	4073	3812	4145	4010	4.37	cps
Lead	208-1	18256	17905	18122	18094	0.98	cps
Lead	206-1	4651	4768	4607	4675	1.78	cps
Lithium	6-1	1501897	1473972	1463619	1479829	1.34	cps
Magnesium	24-2	197849	193677	196167	195898	1.07	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2274	2414	2310	2332	3.11	cps
Molybdenum	94-1	858	958	867	895	6.20	cps
Molybdenum	95-1	892	950	917	920	3.18	cps
Molybdenum	96-1	1192	1092	1125	1136	4.48	cps
Molybdenum	97-1	842	783	608	745	16.31	cps
Molybdenum	98-1	1425	1433	1550	1470	4.76	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	507	390	423	440	13.66	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	65704	67722	64632	66019	2.38	cps
Rhodium	103-1	7851246	7768944	7755434	7791874	0.67	cps
Rhodium	103-2	2005209	1973037	2018721	1998989	1.17	cps
Scandium	45-1	4281606	4229687	4269303	4260199	0.64	cps
Scandium	45-2	30029	28653	29211	29297	2.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-23	13	9	-1	-3172.43	cps
Silicon	28-1	29412992	29052118	29064199	29176436	0.70	cps
Silver	109-1	600	717	608	642	10.14	cps
Silver	107-1	625	625	908	720	22.74	cps
Sodium	23-2	7572018	7474112	7422659	7489597	1.01	cps
Strontium	86-1	96146	93754	94317	94739	1.32	cps
Strontium	88-1	844348	830304	826741	833798	1.12	cps
Sulfur	34-1	541216	529745	532752	534571	1.11	cps
Terbium	159-1	12654074	12389786	12470359	12504740	1.08	cps
Terbium	159-2	2336880	2293492	2324066	2318146	0.96	cps
Thallium	203-1	350	350	217	306	25.19	cps
Thallium	205-1	683	700	608	664	7.36	cps
Tin	118-1	2192	2342	2384	2306	4.37	cps
Titanium	47-1	442	350	358	383	13.22	cps
Uranium	238-1	48503	47274	48814	48197	1.69	cps
Vanadium	51-2	247	317	297	287	12.58	cps
Yttrium	89-1	8611501	8491967	8543251	8548906	0.70	cps
Yttrium	89-2	234657	233725	231943	233441	0.59	cps
Zinc	66-2	3220	2997	3027	3082	3.93	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-20	Instrumnet Name :	P8
Client Sample ID :	380913175	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1100	1108	1050	1086	2.90	cps
Zirconium	91-1	192	250	217	219	13.34	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	228	228	223	3.23	cps
Antimony	121-1	2442	2259	2292	2331	4.19	cps
Arsenic	75-1	20324	19857	20574	20252	1.80	cps
Barium	135-1	195971	198101	199381	197818	0.87	cps
Barium	137-1	345202	345845	340364	343804	0.87	cps
Beryllium	9-1	133	172	133	146	15.35	cps
Bismuth	209-1	8624134	8171241	8305355	8366910	2.78	cps
Bismuth	209-2	2022217	1949265	2017611	1996365	2.05	cps
Boron	11-1	18796	17753	18304	18285	2.85	cps
Boron	10-1	3892	3626	3584	3701	4.52	cps
Cadmium	106-1	1850	1500	1659	1670	10.50	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Cadmium	111-1	1351	1081	1218	1217	11.10	cps
Calcium	43-1	1851698	1825154	1800153	1825668	1.41	cps
Calcium	44-1	29490621	29271312	29137909	29299948	0.61	cps
Chromium	52-2	913	900	893	902	1.13	cps
Cobalt	59-2	30	77	57	54	43.00	cps
Copper	63-2	625380	623382	621649	623470	0.30	cps
Dysprosium	156-1	50	75	75	67	21.65	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	200	125	83	136	43.43	cps
Erbium	164-2	23	20	27	23	14.29	cps
Gadolinium	160-1	150	150	117	139	13.86	cps
Gadolinium	160-2	30	23	40	31	26.97	cps
Holmium	165-1	11954050	11551808	11705913	11737257	1.73	cps
Holmium	165-2	2369059	2292544	2321941	2327848	1.66	cps
Indium	115-1	8612117	8172627	8345394	8376713	2.64	cps
Indium	115-2	322156	314139	322709	319668	1.50	cps
Iron	56-2	32043	32461	31302	31936	1.84	cps
Iron	57-2	906	817	717	813	11.62	cps
Krypton	83-1	460	387	397	414	9.60	cps
Lead	207-1	83881	83814	82389	83361	1.01	cps
Lead	208-1	390433	388399	387664	388832	0.37	cps
Lead	206-1	100557	99649	99442	99883	0.59	cps
Lithium	6-1	1489982	1453562	1458849	1467464	1.34	cps
Magnesium	24-2	784148	778926	775599	779558	0.55	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1330	1170	1257	1252	6.40	cps
Molybdenum	94-1	542	508	508	519	3.70	cps
Molybdenum	95-1	283	350	308	314	10.73	cps
Molybdenum	96-1	383	517	533	478	17.21	cps
Molybdenum	97-1	258	192	225	225	14.81	cps
Molybdenum	98-1	617	675	508	600	14.10	cps
Neodymium	150-1	47	40	73	53	33.08	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	397	400	377	391	3.23	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	23754	22302	22427	22828	3.53	cps
Rhodium	103-1	7718768	7357270	7439230	7505089	2.53	cps
Rhodium	103-2	1937844	1884967	1909484	1910765	1.38	cps
Scandium	45-1	4229687	3992842	4045710	4089413	3.04	cps
Scandium	45-2	28192	27040	28061	27764	2.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-25	92	133	67	123.50	cps
Silicon	28-1	36957223	36715464	36388226	36686971	0.78	cps
Silver	109-1	1450	1525	1358	1445	5.78	cps
Silver	107-1	1625	1700	1750	1692	3.72	cps
Sodium	23-2	840702	836484	830472	835886	0.62	cps
Strontium	86-1	551587	548060	549981	549876	0.32	cps
Strontium	88-1	4892459	4903954	4877572	4891328	0.27	cps
Sulfur	34-1	541694	541631	540145	541157	0.16	cps
Terbium	159-1	12367331	11822791	12060831	12083651	2.26	cps
Terbium	159-2	2278588	2231840	2267360	2259263	1.08	cps
Thallium	203-1	333	358	325	339	5.12	cps
Thallium	205-1	742	717	867	775	10.37	cps
Tin	118-1	335390	330209	328922	331507	1.03	cps
Titanium	47-1	467	467	467	467	0.00	cps
Uranium	238-1	6360	6093	6427	6294	2.80	cps
Vanadium	51-2	137	113	143	131	12.01	cps
Yttrium	89-1	8373710	8085334	8215324	8224789	1.76	cps
Yttrium	89-2	225100	219021	224855	222992	1.54	cps
Zinc	66-2	12526	12836	12412	12591	1.74	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-21	Instrumnet Name :	P8
Client Sample ID :	380910018	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:29	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	975	825	992	931	9.86	cps
Zirconium	91-1	200	183	258	214	18.41	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	80	75	69	21.18	cps
Antimony	121-1	883	750	1067	900	17.67	cps
Arsenic	75-1	8386	8645	8186	8406	2.74	cps
Barium	135-1	30528	31872	32265	31555	2.89	cps
Barium	137-1	54823	56764	55467	55685	1.78	cps
Beryllium	9-1	111	144	161	139	18.33	cps
Bismuth	209-1	7781704	7815084	7867242	7821344	0.55	cps
Bismuth	209-2	1937094	1942455	1934055	1937868	0.22	cps
Boron	11-1	27252	27252	28463	27655	2.53	cps
Boron	10-1	5493	5776	5718	5662	2.64	cps
Cadmium	106-1	1734	1433	1617	1595	9.49	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Cadmium	111-1	1214	1003	1158	1125	9.72	cps
Calcium	43-1	426915	425115	431913	427981	0.82	cps
Calcium	44-1	7031317	7080948	7118254	7076840	0.62	cps
Chromium	52-2	557	450	540	516	11.13	cps
Cobalt	59-2	37	57	50	48	21.31	cps
Copper	63-2	7652	7566	7179	7465	3.38	cps
Dysprosium	156-1	17	58	8	28	96.44	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	108	67	92	89	23.59	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	11046493	10930409	10891253	10956052	0.74	cps
Holmium	165-2	2240563	2204776	2249145	2231495	1.05	cps
Indium	115-1	7883446	7902633	7868933	7885004	0.21	cps
Indium	115-2	311671	314219	313168	313019	0.41	cps
Iron	56-2	9943	10426	9759	10043	3.43	cps
Iron	57-2	267	294	306	289	6.93	cps
Krypton	83-1	373	383	350	369	4.64	cps
Lead	207-1	4796	4229	4434	4486	6.40	cps
Lead	208-1	19962	19923	19846	19910	0.30	cps
Lead	206-1	5046	5012	4934	4997	1.14	cps
Lithium	6-1	1341261	1341869	1343823	1342318	0.10	cps
Magnesium	24-2	169861	167435	166631	167976	1.00	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340	327	340	336	2.30	cps
Molybdenum	94-1	2192	2034	1900	2042	7.15	cps
Molybdenum	95-1	2267	2409	2442	2373	3.92	cps
Molybdenum	96-1	2850	2617	2934	2800	5.86	cps
Molybdenum	97-1	1600	1550	1742	1631	6.10	cps
Molybdenum	98-1	3426	4134	3967	3842	9.64	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	443	470	443	452	3.40	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	5235	5059	5360	5218	2.89	cps
Rhodium	103-1	7199248	7183682	7188254	7190395	0.11	cps
Rhodium	103-2	1883000	1898729	1887458	1889729	0.43	cps
Scandium	45-1	3877192	3884011	3891086	3884096	0.18	cps
Scandium	45-2	26221	26899	27293	26805	2.02	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	6	14	24	15	62.84	cps
Silicon	28-1	6376832	6463335	6432798	6424322	0.68	cps
Silver	109-1	625	508	567	567	10.29	cps
Silver	107-1	608	475	558	547	12.31	cps
Sodium	23-2	210153	210409	208124	209562	0.60	cps
Strontium	86-1	1071193	1076070	1074784	1074015	0.24	cps
Strontium	88-1	9390990	9424279	9407836	9407702	0.18	cps
Sulfur	34-1	759892	755479	757399	757590	0.29	cps
Terbium	159-1	11422733	11382563	11368553	11391283	0.25	cps
Terbium	159-2	2159784	2130677	2131378	2140613	0.78	cps
Thallium	203-1	242	317	208	256	21.71	cps
Thallium	205-1	625	675	575	625	8.00	cps
Tin	118-1	2884	2542	2817	2748	6.59	cps
Titanium	47-1	267	242	200	236	14.26	cps
Uranium	238-1	18297	18398	17605	18100	2.39	cps
Vanadium	51-2	230	273	287	263	11.25	cps
Yttrium	89-1	7752538	7748762	7721440	7740913	0.22	cps
Yttrium	89-2	217959	215999	218937	217632	0.69	cps
Zinc	66-2	3771	3777	3831	3793	0.87	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5086-01LX5	Instrumnet Name :	P8
Client Sample ID :	380912129.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 12:58:50	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1400	1492	1414	5.08	cps
Zirconium	91-1	367	267	250	294	21.43	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCV65 Instrumnet Name : P8
 Client Sample ID : CCV65 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 13:03:08 DataFile Name : 053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324248	327044	325907	325733	0.43	cps
Antimony	121-1	5497290	5466024	5413848	5459054	0.77	cps
Arsenic	75-1	1262050	1254937	1244636	1253874	0.70	cps
Barium	135-1	5961523	5882485	5918747	5920918	0.67	cps
Barium	137-1	10360894	10206790	10186968	10251551	0.93	cps
Beryllium	9-1	674769	670512	669304	671528	0.43	cps
Bismuth	209-1	7545512	7459320	7481680	7495504	0.60	cps
Bismuth	209-2	1878083	1807535	1850932	1845517	1.93	cps
Boron	11-1	373216	382574	384946	380245	1.63	cps
Boron	10-1	77661	78498	80911	79023	2.14	cps
Cadmium	106-1	125486	126236	123200	124974	1.27	cps
Cadmium	108-1	85888	83490	83787	84388	1.55	cps
Cadmium	111-1	1180539	1173885	1172161	1175528	0.38	cps
Calcium	43-1	5074726	5008793	5050827	5044782	0.66	cps
Calcium	44-1	82238535	82255773	82312162	82268823	0.05	cps
Chromium	52-2	413593	415302	415359	414751	0.24	cps
Cobalt	59-2	882028	887562	886667	885419	0.34	cps
Copper	63-2	1494737	1497990	1504896	1499207	0.35	cps
Dysprosium	156-1	267	217	175	219	20.91	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	133	92	92	106	22.79	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	192	158	258	203	25.11	cps
Gadolinium	160-2	37	33	23	31	22.31	cps
Holmium	165-1	11203701	11085953	11043862	11111172	0.75	cps
Holmium	165-2	2298916	2243777	2297225	2279973	1.38	cps
Indium	115-1	7728991	7709565	7671522	7703360	0.38	cps
Indium	115-2	313026	307172	316281	312160	1.48	cps
Iron	56-2	69249885	69306535	69098968	69218463	0.16	cps
Iron	57-2	1758822	1775771	1767703	1767432	0.48	cps
Krypton	83-1	393	437	443	424	6.40	cps
Lead	207-1	3800857	3758254	3712081	3757064	1.18	cps
Lead	208-1	16879617	16734194	16514031	16709280	1.10	cps
Lead	206-1	4115340	4072104	3986758	4058067	1.61	cps
Lithium	6-1	1340694	1328265	1329785	1332915	0.51	cps
Magnesium	24-2	7001407	7053670	7019841	7024973	0.38	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:08	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235083	233762	236389	235078	0.56	cps
Molybdenum	94-1	9014119	8864402	8832452	8903658	1.09	cps
Molybdenum	95-1	11157495	10969455	10885128	11004026	1.27	cps
Molybdenum	96-1	12405630	12260559	12117521	12261237	1.17	cps
Molybdenum	97-1	6982511	6887945	6919088	6929848	0.70	cps
Molybdenum	98-1	17815280	17558602	17563348	17645743	0.83	cps
Neodymium	150-1	380	487	420	429	12.57	cps
Neodymium	150-2	37	17	33	29	37.08	cps
Nickel	60-2	259547	264240	263975	262587	1.00	cps
Phosphorus	31-2	4359	4276	3751	4129	7.99	cps
Potassium	39-2	1856189	1865633	1852149	1857990	0.37	cps
Rhodium	103-1	6962328	6905076	6872553	6913319	0.66	cps
Rhodium	103-2	1853515	1843209	1881874	1859532	1.08	cps
Scandium	45-1	4022281	4001059	4028547	4017296	0.36	cps
Scandium	45-2	29237	28943	29438	29206	0.85	cps
Selenium	77-2	313	423	353	363	15.33	cps
Selenium	78-2	1156	1152	1265	1191	5.39	cps
Selenium	82-1	69306	68770	68836	68971	0.42	cps
Silicon	28-1	2212322	2216719	2229075	2219372	0.39	cps
Silver	109-1	5622024	5579153	5563780	5588319	0.54	cps
Silver	107-1	5809014	5790833	5776997	5792281	0.28	cps
Sodium	23-2	15868263	15910318	15765689	15848090	0.47	cps
Strontium	86-1	1350707	1342875	1343015	1345532	0.33	cps
Strontium	88-1	11944070	11899606	11814390	11886022	0.55	cps
Sulfur	34-1	619703	614716	617832	617417	0.41	cps
Terbium	159-1	11538646	11375948	11354363	11422986	0.88	cps
Terbium	159-2	2192554	2184246	2188101	2188300	0.19	cps
Thallium	203-1	5105701	5015854	5041760	5054438	0.91	cps
Thallium	205-1	12093591	11922956	11857445	11957997	1.02	cps
Tin	118-1	3806014	3766920	3732031	3768322	0.98	cps
Titanium	47-1	2602696	2555491	2543118	2567102	1.22	cps
Uranium	238-1	17051545	16994329	16762074	16935983	0.91	cps
Vanadium	51-2	301752	300651	299899	300767	0.31	cps
Yttrium	89-1	7949209	7878530	7876981	7901573	0.52	cps
Yttrium	89-2	228838	227915	231153	229302	0.73	cps
Zinc	66-2	150297	150516	148976	149929	0.56	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:08	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7451054	7376089	7326157	7384433	0.85	cps
Zirconium	91-1	1683754	1696809	1655046	1678536	1.27	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 13:06:18 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	23	33	29	19.79	cps
Antimony	121-1	11680	10638	10204	10841	7.00	cps
Arsenic	75-1	817	775	758	783	3.84	cps
Barium	135-1	233	350	258	281	21.89	cps
Barium	137-1	425	417	408	417	2.00	cps
Beryllium	9-1	456	389	422	422	7.89	cps
Bismuth	209-1	7876762	7942653	7867099	7895505	0.52	cps
Bismuth	209-2	1997178	2071334	1984757	2017757	2.32	cps
Boron	11-1	18888	17779	16694	17787	6.17	cps
Boron	10-1	4009	3767	3267	3681	10.28	cps
Cadmium	106-1	1842	1750	1575	1722	7.87	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	1407	1348	1221	1325	7.19	cps
Calcium	43-1	525	492	508	508	3.28	cps
Calcium	44-1	15884	15276	15434	15531	2.03	cps
Chromium	52-2	493	480	420	464	8.41	cps
Cobalt	59-2	63	80	63	69	13.97	cps
Copper	63-2	460	490	437	462	5.78	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	11123377	11080330	11167357	11123688	0.39	cps
Holmium	165-2	2283062	2323631	2233911	2280201	1.97	cps
Indium	115-1	8139275	8072943	8079224	8097147	0.45	cps
Indium	115-2	327088	327026	321891	325335	0.92	cps
Iron	56-2	3739	3373	3150	3421	8.70	cps
Iron	57-2	83	117	56	85	35.92	cps
Krypton	83-1	310	390	357	352	11.41	cps
Lead	207-1	750	611	656	672	10.55	cps
Lead	208-1	3050	3022	2928	3000	2.14	cps
Lead	206-1	806	756	667	743	9.47	cps
Lithium	6-1	1394239	1385268	1387059	1388855	0.34	cps
Magnesium	24-2	467	508	525	500	6.01	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:18	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	47	47	50	11.55	cps
Molybdenum	94-1	3017	2784	2484	2762	9.68	cps
Molybdenum	95-1	3901	3209	2825	3312	16.46	cps
Molybdenum	96-1	3901	3951	3351	3734	8.92	cps
Molybdenum	97-1	2159	2250	1942	2117	7.48	cps
Molybdenum	98-1	5368	5151	4551	5023	8.42	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	233	243	238	2.14	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2159	2150	1917	2075	6.61	cps
Rhodium	103-1	7486076	7541562	7392672	7473437	1.01	cps
Rhodium	103-2	1963886	1977590	1957401	1966292	0.52	cps
Scandium	45-1	4051800	4040429	4016965	4036398	0.44	cps
Scandium	45-2	29030	28897	28429	28785	1.10	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	67	-21	57	34	140.17	cps
Silicon	28-1	191989	188899	186155	189014	1.54	cps
Silver	109-1	550	583	658	597	9.29	cps
Silver	107-1	725	525	658	636	16.01	cps
Sodium	23-2	7486	6652	7035	7058	5.91	cps
Strontium	86-1	817	742	600	719	15.29	cps
Strontium	88-1	1233	1133	1175	1181	4.25	cps
Sulfur	34-1	330098	328018	333738	330618	0.88	cps
Terbium	159-1	11492219	11495398	11433286	11473634	0.30	cps
Terbium	159-2	2210421	2201709	2199858	2203996	0.26	cps
Thallium	203-1	1834	1333	1450	1539	17.00	cps
Thallium	205-1	4184	3951	3234	3790	13.07	cps
Tin	118-1	3267	3176	2951	3131	5.20	cps
Titanium	47-1	167	292	183	214	31.73	cps
Uranium	238-1	725	767	742	745	2.82	cps
Vanadium	51-2	27	13	17	19	36.75	cps
Yttrium	89-1	7985439	8035367	7912371	7977726	0.78	cps
Yttrium	89-2	228265	229499	225541	227769	0.89	cps
Zinc	66-2	77	117	97	97	20.69	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:18	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2400	2250	2709	2453	9.53	cps
Zirconium	91-1	525	558	608	564	7.44	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	28	25	24	15.80	cps
Antimony	121-1	1592	1592	1734	1639	4.99	cps
Arsenic	75-1	12398	13457	14341	13399	7.26	cps
Barium	135-1	1550	1542	1817	1636	9.56	cps
Barium	137-1	2692	3159	3226	3026	9.61	cps
Beryllium	9-1	172	150	167	163	7.10	cps
Bismuth	209-1	8252543	8156366	8124676	8177862	0.81	cps
Bismuth	209-2	2016638	2029840	2029337	2025272	0.37	cps
Boron	11-1	32905	33949	34183	33679	2.02	cps
Boron	10-1	7219	6685	6877	6927	3.90	cps
Cadmium	106-1	1642	1917	1775	1778	7.74	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Cadmium	111-1	1198	1376	1273	1283	6.97	cps
Calcium	43-1	2525	2367	2359	2417	3.89	cps
Calcium	44-1	48727	47289	48125	48047	1.50	cps
Chromium	52-2	840	910	760	837	8.97	cps
Cobalt	59-2	83	80	63	76	14.19	cps
Copper	63-2	188428	188397	187131	187986	0.39	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	11876222	11735027	11629299	11746849	1.05	cps
Holmium	165-2	2380810	2364243	2355937	2366996	0.53	cps
Indium	115-1	8504088	8467040	8326728	8432619	1.11	cps
Indium	115-2	331210	329901	328618	329910	0.39	cps
Iron	56-2	13863	14119	14130	14037	1.08	cps
Iron	57-2	383	411	394	396	3.53	cps
Krypton	83-1	310	337	410	352	14.70	cps
Lead	207-1	6935	6885	6863	6895	0.54	cps
Lead	208-1	31928	31288	31160	31459	1.31	cps
Lead	206-1	7880	7736	7931	7849	1.29	cps
Lithium	6-1	1499293	1481387	1482634	1487771	0.67	cps
Magnesium	24-2	567	667	550	594	10.62	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	77	113	91	21.44	cps
Molybdenum	94-1	583	500	583	556	8.66	cps
Molybdenum	95-1	358	275	333	322	13.27	cps
Molybdenum	96-1	492	508	442	481	7.22	cps
Molybdenum	97-1	258	258	167	228	23.23	cps
Molybdenum	98-1	425	358	542	442	21.01	cps
Neodymium	150-1	0	40	20	20	100.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	297	310	287	298	3.93	cps
Phosphorus	31-2	42	17	67	42	60.00	cps
Potassium	39-2	7586	7644	7827	7686	1.64	cps
Rhodium	103-1	7734034	7615836	7620814	7656894	0.87	cps
Rhodium	103-2	2002989	1969187	1990529	1987568	0.86	cps
Scandium	45-1	4343843	4291282	4288312	4307812	0.73	cps
Scandium	45-2	29979	30112	29645	29912	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	73	76	6	51	76.48	cps
Silicon	28-1	30180795	29781730	29451168	29804565	1.23	cps
Silver	109-1	1092	1275	1367	1245	11.25	cps
Silver	107-1	1133	1300	1408	1281	10.82	cps
Sodium	23-2	11847192	11878212	11721370	11815591	0.70	cps
Strontium	86-1	1083	1000	983	1022	5.24	cps
Strontium	88-1	5076	5460	5551	5362	4.70	cps
Sulfur	34-1	467811	461823	455896	461843	1.29	cps
Terbium	159-1	12069655	12178485	12120801	12122980	0.45	cps
Terbium	159-2	2306440	2253145	2277622	2279069	1.17	cps
Thallium	203-1	658	717	617	664	7.57	cps
Thallium	205-1	1625	2000	1734	1786	10.81	cps
Tin	118-1	1250	1508	1200	1320	12.54	cps
Titanium	47-1	425	383	492	433	12.61	cps
Uranium	238-1	1484	1533	1700	1572	7.22	cps
Vanadium	51-2	620	620	547	596	7.11	cps
Yttrium	89-1	8496077	8427089	8328034	8417067	1.00	cps
Yttrium	89-2	234813	233788	232078	233560	0.59	cps
Zinc	66-2	1010	997	1060	1022	3.27	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	J5177-01	Instrumnet Name :	P8
Client Sample ID :	380904114	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:46:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1208	1100	1200	1170	5.15	cps
Zirconium	91-1	175	300	250	242	26.03	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCV66 Instrumnet Name : P8
 Client Sample ID : CCV66 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 13:50:00 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	331764	332655	335823	333414	0.64	cps
Antimony	121-1	5355342	5375934	5326687	5352654	0.46	cps
Arsenic	75-1	1245082	1252801	1250148	1249344	0.31	cps
Barium	135-1	5761559	5756745	5781943	5766749	0.23	cps
Barium	137-1	10029964	10136237	10127480	10097894	0.58	cps
Beryllium	9-1	681361	687082	682929	683791	0.43	cps
Bismuth	209-1	7263552	7129593	7198292	7197145	0.93	cps
Bismuth	209-2	1708910	1806376	1740249	1751845	2.84	cps
Boron	11-1	373342	383531	389616	382163	2.15	cps
Boron	10-1	76940	79797	81498	79412	2.90	cps
Cadmium	106-1	122158	122863	123276	122766	0.46	cps
Cadmium	108-1	82735	82597	81578	82303	0.77	cps
Cadmium	111-1	1154574	1158831	1157185	1156863	0.19	cps
Calcium	43-1	5103479	5123587	5146744	5124603	0.42	cps
Calcium	44-1	82549639	82846744	82646666	82681016	0.18	cps
Chromium	52-2	415632	416773	420914	417773	0.67	cps
Cobalt	59-2	877386	876970	885952	880103	0.58	cps
Copper	63-2	1482803	1485421	1500281	1489502	0.63	cps
Dysprosium	156-1	158	275	167	200	32.54	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-1	133	117	125	125	6.67	cps
Erbium	164-2	23	33	43	33	30.00	cps
Gadolinium	160-1	250	150	133	178	35.49	cps
Gadolinium	160-2	30	43	37	37	18.18	cps
Holmium	165-1	10767994	10697700	10787111	10750935	0.44	cps
Holmium	165-2	2201338	2211123	2200204	2204222	0.27	cps
Indium	115-1	7508547	7557711	7539670	7535309	0.33	cps
Indium	115-2	304436	308092	308316	306948	0.71	cps
Iron	56-2	68833767	68984613	69759277	69192552	0.72	cps
Iron	57-2	1759556	1752746	1784735	1765679	0.95	cps
Krypton	83-1	323	397	413	378	12.67	cps
Lead	207-1	3637765	3599750	3618504	3618673	0.53	cps
Lead	208-1	16170122	16032161	16121317	16107867	0.43	cps
Lead	206-1	3946898	3918855	3931282	3932345	0.36	cps
Lithium	6-1	1338805	1329692	1333267	1333922	0.34	cps
Magnesium	24-2	7080283	7168257	7160535	7136358	0.68	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:50:00	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235524	236278	241897	237900	1.46	cps
Molybdenum	94-1	8918024	8824663	8860851	8867846	0.53	cps
Molybdenum	95-1	10952401	10908180	10980238	10946940	0.33	cps
Molybdenum	96-1	12146230	12135156	12212263	12164550	0.34	cps
Molybdenum	97-1	6876355	6821356	6848984	6848898	0.40	cps
Molybdenum	98-1	17513452	17390400	17515021	17472958	0.41	cps
Neodymium	150-1	480	380	473	444	12.58	cps
Neodymium	150-2	27	30	33	30	11.10	cps
Nickel	60-2	260438	261113	262300	261284	0.36	cps
Phosphorus	31-2	4234	4017	4551	4268	6.29	cps
Potassium	39-2	1899954	1872125	1888197	1886759	0.74	cps
Rhodium	103-1	6810719	6727432	6817892	6785347	0.74	cps
Rhodium	103-2	1785825	1817803	1803699	1802442	0.89	cps
Scandium	45-1	4018134	3994634	4030859	4014542	0.46	cps
Scandium	45-2	29150	29468	29324	29314	0.54	cps
Selenium	77-2	343	323	287	318	9.04	cps
Selenium	78-2	1156	1269	1165	1196	5.24	cps
Selenium	82-1	68391	68479	68157	68342	0.24	cps
Silicon	28-1	2183751	2206939	2243759	2211483	1.37	cps
Silver	109-1	5468569	5512224	5507251	5496014	0.43	cps
Silver	107-1	5718507	5647277	5716459	5694081	0.71	cps
Sodium	23-2	15894575	15981290	16097668	15991177	0.64	cps
Strontium	86-1	1323216	1334365	1331224	1329602	0.43	cps
Strontium	88-1	11647410	11706081	11719823	11691105	0.33	cps
Sulfur	34-1	619960	618959	618934	619285	0.09	cps
Terbium	159-1	11073086	10971284	10972354	11005575	0.53	cps
Terbium	159-2	2125620	2129124	2125959	2126901	0.09	cps
Thallium	203-1	4921486	4911712	4949405	4927534	0.40	cps
Thallium	205-1	11612411	11414453	11553657	11526840	0.88	cps
Tin	118-1	3655024	3722685	3675261	3684323	0.94	cps
Titanium	47-1	2562815	2569215	2547367	2559799	0.44	cps
Uranium	238-1	16522469	16270746	16243268	16345494	0.94	cps
Vanadium	51-2	299236	300003	301863	300367	0.45	cps
Yttrium	89-1	7764109	7798568	7736473	7766383	0.40	cps
Yttrium	89-2	222376	225479	226932	224929	1.03	cps
Zinc	66-2	149192	150500	151324	150338	0.72	cps

LB Number :	LB98261	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:50:00	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7388760	7319537	7391755	7366684	0.55	cps
Zirconium	91-1	1659748	1670245	1650082	1660025	0.61	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 13:53:28 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	23	15	19	19.95	cps
Antimony	121-1	10471	9996	9162	9876	6.71	cps
Arsenic	75-1	758	758	508	675	21.38	cps
Barium	135-1	508	458	233	400	36.62	cps
Barium	137-1	883	542	367	597	44.00	cps
Beryllium	9-1	394	333	322	350	11.11	cps
Bismuth	209-1	7626135	7779122	7672224	7692494	1.02	cps
Bismuth	209-2	1946065	1953178	1942518	1947254	0.28	cps
Boron	11-1	13649	12172	11705	12509	8.11	cps
Boron	10-1	2900	2659	2475	2678	7.96	cps
Cadmium	106-1	1717	1900	1725	1781	5.81	cps
Cadmium	108-1	38	25	21	28	31.23	cps
Cadmium	111-1	1342	1438	1268	1349	6.30	cps
Calcium	43-1	742	583	533	619	17.56	cps
Calcium	44-1	19106	15634	14541	16427	14.51	cps
Chromium	52-2	437	423	423	428	1.80	cps
Cobalt	59-2	87	57	23	56	57.03	cps
Copper	63-2	393	407	357	386	6.72	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	42	92	58	64	39.85	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	10696092	10885552	10830214	10803953	0.90	cps
Holmium	165-2	2265650	2249325	2272566	2262514	0.53	cps
Indium	115-1	8048258	8095462	8085841	8076520	0.31	cps
Indium	115-2	334964	330752	334039	333252	0.66	cps
Iron	56-2	3312	2906	2817	3012	8.75	cps
Iron	57-2	89	44	89	74	34.64	cps
Krypton	83-1	440	343	347	377	14.57	cps
Lead	207-1	750	728	611	696	10.72	cps
Lead	208-1	3550	3300	2667	3172	14.35	cps
Lead	206-1	867	745	706	772	10.89	cps
Lithium	6-1	1379560	1413831	1394428	1395940	1.23	cps
Magnesium	24-2	483	525	417	475	11.51	cps

LB Number : LB98261 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	83	53	57	44.42	cps
Molybdenum	94-1	3334	3042	2259	2878	19.32	cps
Molybdenum	95-1	4134	3259	2950	3448	17.81	cps
Molybdenum	96-1	4226	3692	3092	3670	15.45	cps
Molybdenum	97-1	2542	1975	1600	2039	23.25	cps
Molybdenum	98-1	6594	5193	4534	5440	19.33	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	213	217	200	210	4.20	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2617	2142	2309	2356	10.23	cps
Rhodium	103-1	7470029	7492724	7449036	7470596	0.29	cps
Rhodium	103-2	1976736	1962278	1990345	1976453	0.71	cps
Scandium	45-1	4096830	4210494	4140788	4149370	1.38	cps
Scandium	45-2	30326	29474	30400	30067	1.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-34	6	26	-1	-5690.22	cps
Silicon	28-1	194075	193047	191698	192940	0.62	cps
Silver	109-1	908	708	633	750	18.95	cps
Silver	107-1	1250	892	617	920	34.54	cps
Sodium	23-2	8061	7794	7552	7802	3.26	cps
Strontium	86-1	800	742	650	731	10.35	cps
Strontium	88-1	1634	992	933	1186	32.75	cps
Sulfur	34-1	329854	328258	329781	329297	0.27	cps
Terbium	159-1	11179729	11323542	11134071	11212447	0.88	cps
Terbium	159-2	2191714	2184208	2168511	2181478	0.54	cps
Thallium	203-1	1300	1192	1142	1211	6.68	cps
Thallium	205-1	3892	3059	3017	3323	14.86	cps
Tin	118-1	3292	2659	2309	2753	18.11	cps
Titanium	47-1	292	292	233	272	12.37	cps
Uranium	238-1	1442	692	650	928	48.02	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Yttrium	89-1	7972492	8074482	8032826	8026600	0.64	cps
Yttrium	89-2	237329	232311	233912	234517	1.09	cps
Zinc	66-2	97	90	80	89	9.44	cps

LB Number :	LB98261	Operator :	Jaswal
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Client Sample ID :	CCB66	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3017	2792	2425	2745	10.88	cps
Zirconium	91-1	733	692	675	700	4.29	cps