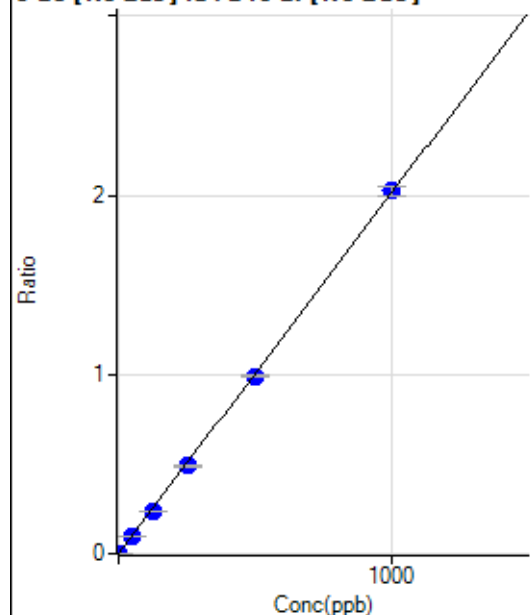


Batch Folder: D:\P8011719-MS.b\
Analysis File: P8011719-MS.batch.bin
DA Date-Time: 2019-01-17 13:22:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-01-17 11:30:52
2			
3	007CAL.S.d	S02	2019-01-17 11:38:18
4	008CAL.S.d	S03	2019-01-17 11:42:10
5	009CAL.S.d	S04	2019-01-17 11:46:02
6	010CAL.S.d	S05	2019-01-17 11:49:51
7	011CAL.S.d	S06	2019-01-17 11:53:34
8	012CAL.S.d	S07	2019-01-17 11:57:24
9	013CAL.S.d	S08	2019-01-17 12:00:55

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.55	0.0000	P	25.0
2	☐	0.100					
3	☐	1.000	0.815	861.15	0.0017	P	1.5
4	☐	50.000	48.303	50175.23	0.0972	P	1.8
5	☐	125.000	118.828	130277.47	0.2390	P	1.2
6	☐	250.000	242.758	247762.84	0.4883	P	2.9
7	☐	500.000	492.473	477436.45	0.9905	P	0.8
8	☐	1000.000	1006.431	887401.63	2.0242	P	2.6
9	☐			80.00	0.0002	P	43.1

$$y = 0.0020 * x + 3.0913E-005$$

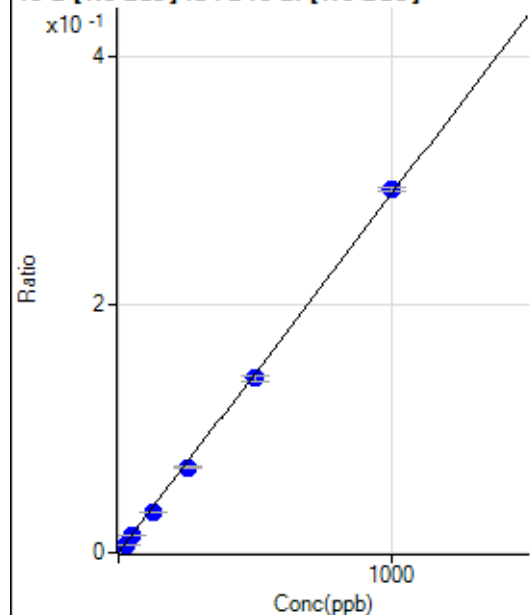
$$R = 0.9999$$

$$DL = 0.01152$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0001	P	34.8
2	☐	2.500					
3	☐	25.000	20.737	3117.15	0.0060	P	3.2
4	☐	50.000	46.643	6988.13	0.0135	P	2.2
5	☐	125.000	113.108	17842.33	0.0327	P	0.6
6	☐	250.000	238.258	34965.76	0.0689	P	1.3
7	☐	500.000	486.146	67735.87	0.1405	P	2.7
8	☐	1000.000	1011.623	128173.44	0.2923	P	0.9
9	☐			1986.35	0.0049	P	4.5

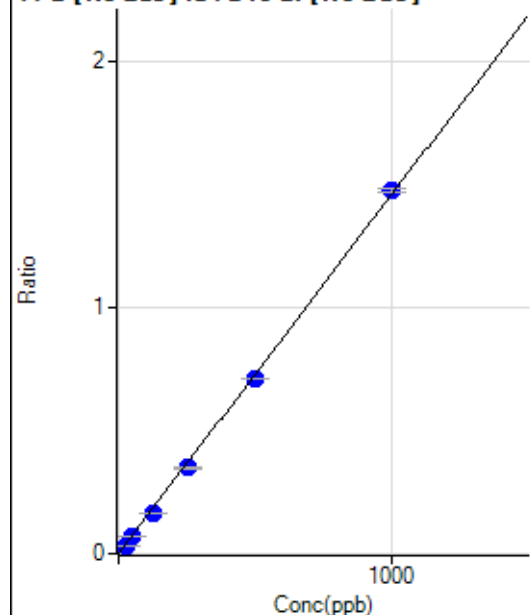
$$y = 2.8891E-004 * x + 5.5222E-005$$

$$R = 0.9998$$

$$DL = 0.1996$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.46	0.0004	P	10.9
2	☐	2.500					
3	☐	25.000	21.146	16067.98	0.0312	P	2.7
4	☐	50.000	47.558	35935.21	0.0696	P	5.0
5	☐	125.000	113.879	90571.70	0.1662	P	0.5
6	☐	250.000	240.478	177839.60	0.3504	P	2.3
7	☐	500.000	486.432	341504.58	0.7085	P	0.4
8	☐	1000.000	1010.773	645288.11	1.4717	P	1.1
9	☐			10301.39	0.0255	P	5.7

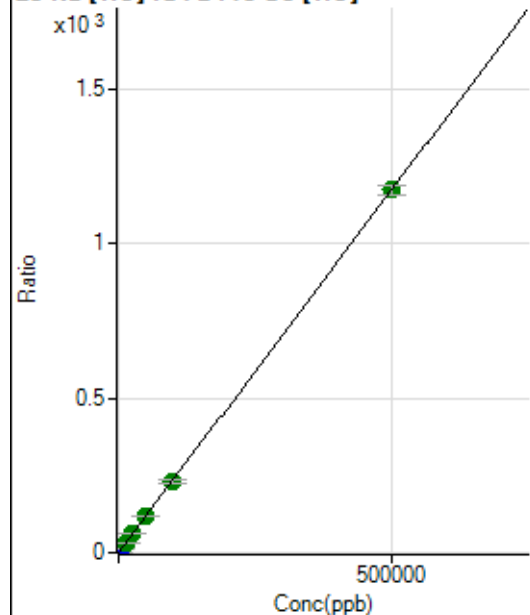
$$y = 0.0015 * x + 3.8639E-004$$

$$R = 0.9998$$

$$DL = 0.08695$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13974.11	0.3658	P	4.4
2	☐	50.000					
3	☐	500.000	483.408	59073.15	1.4987	P	2.3
4	☐	5000.000	5379.861	500162.91	12.9744	P	2.9
5	☐	12500.000	13623.625	1261614.89	32.2950	A	1.4
6	☐	25000.000	26660.795	2464156.83	62.8498	A	0.7
7	☐	50000.000	51296.889	4756879.10	120.5887	A	0.7
8	☐	100000.00	97854.197	9332557.93	229.7035	A	3.9
9	☐	500000.00	500184.55	46938231.26	1,172.632	A	2.8

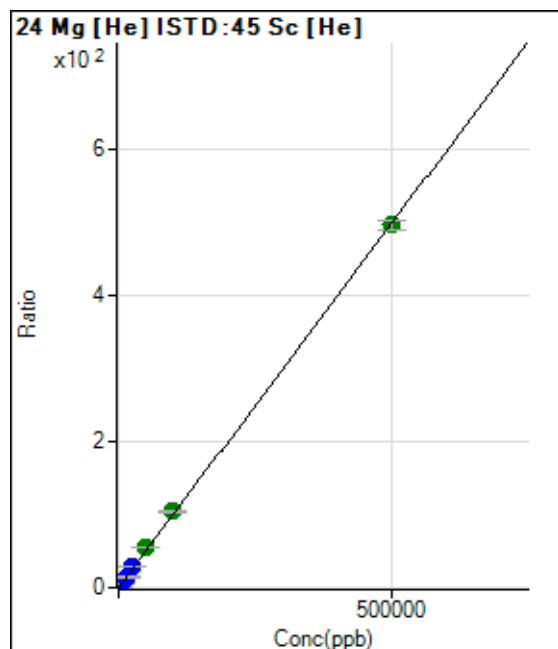
$$y = 0.0023 * x + 0.3658$$

$$R = 1.0000$$

$$DL = 20.41$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.24	0.0097	P	7.6
2	☐	50.000					
3	☐	500.000	518.879	20749.31	0.5264	P	1.4
4	☐	5000.000	5868.949	225674.59	5.8538	P	2.7
5	☐	12500.000	14458.461	562675.96	14.4068	P	2.7
6	☐	25000.000	28338.381	1106711.85	28.2277	P	1.0
7	☐	50000.000	55922.321	2196967.04	55.6944	A	1.6
8	☐	100000.00	104392.99	4224088.94	103.9591	A	3.6
9	☐	500000.00	498304.58	19863081.35	496.1969	A	2.3

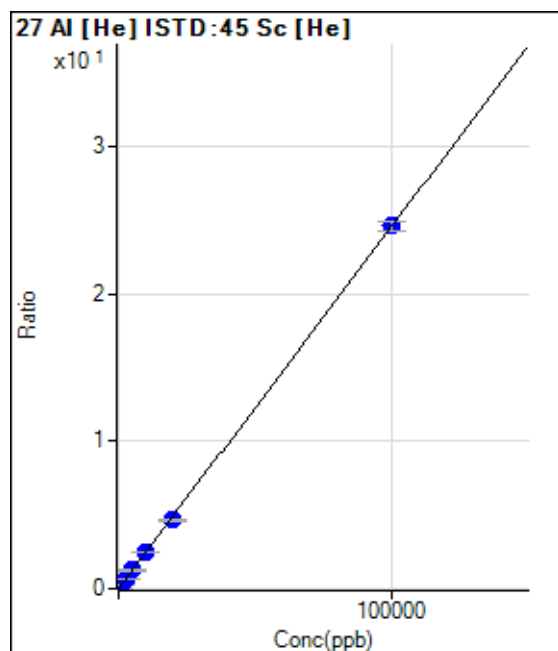
$$y = 9.9575\text{E-}004 * x + 0.0097$$

$$R = 0.9999$$

$$DL = 2.244$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.35	0.0015	P	32.6
2	☐	2.000					
3	☐	20.000	19.309	246.74	0.0063	P	5.8
4	☐	1000.000	1035.666	9866.86	0.2559	P	1.7
5	☐	2500.000	2558.122	24591.62	0.6298	P	4.2
6	☐	5000.000	5068.914	48866.45	1.2464	P	1.8
7	☐	10000.000	9919.074	96156.99	2.4376	P	0.8
8	☐	20000.000	19011.002	189774.40	4.6706	P	3.6
9	☐	100000.00	100200.63	985164.74	24.6105	P	2.4

$$y = 2.4560\text{E-}004 * x + 0.0015$$

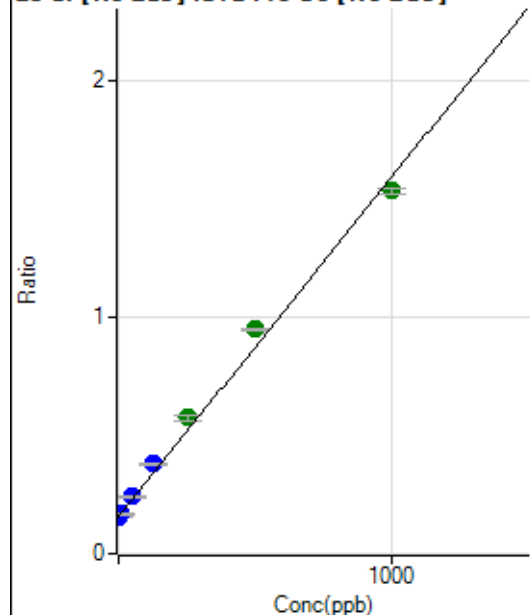
$$R = 0.9999$$

$$DL = 6.043$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	389193.32	0.1564	P	1.1
2	☐	1.000					
3	☐	10.000	7.321	423462.78	0.1669	P	1.3
4	☐	50.000	58.317	609246.57	0.2400	P	2.0
5	☐	125.000	154.915	987259.79	0.3785	P	0.6
6	☐	250.000	290.774	1445248.01	0.5733	A	4.1
7	☐	500.000	551.806	2458288.92	0.9476	A	1.4
8	☐	1000.000	959.775	3951647.48	1.5325	A	1.9
9	☐			462159.99	0.1829	P	2.0

$$y = 0.0014 * x + 0.1564$$

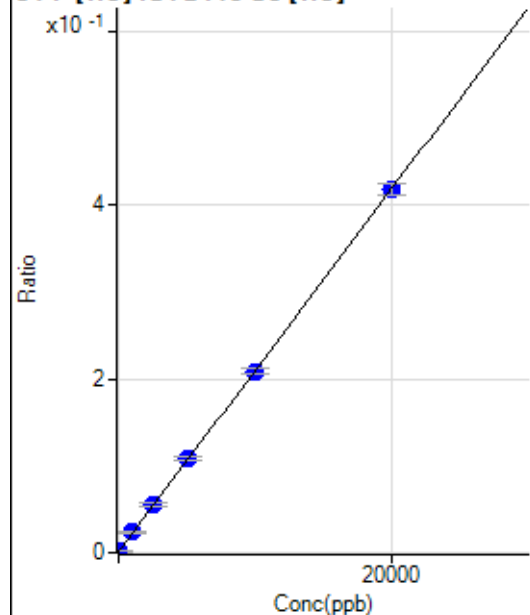
$$R = 0.9966$$

$$DL = 3.496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-19.924	19.45	0.0005	P	25.3
2	☐	0.000					
3	☐	0.000	19.924	52.78	0.0013	P	18.8
4	☐	1000.000	1090.719	913.96	0.0237	P	5.9
5	☐	2500.000	2621.162	2169.72	0.0556	P	8.8
6	☐	5000.000	5188.743	4278.62	0.1091	P	3.7
7	☐	10000.000	9957.192	8227.71	0.2086	P	2.7
8	☐	20000.000	19954.537	16946.92	0.4170	P	3.3
9	☐			33.33	0.0008	P	73.9

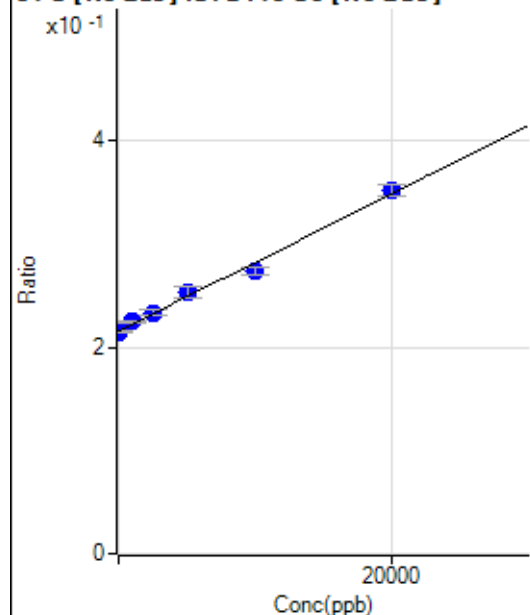
$$y = 2.0853E-005 * x + 9.2473E-004$$

$$R = 0.9999$$

$$DL = 27.43$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	211.403	540897.85	0.2173	P	0.2
2	☐	0.000					
3	☐	0.000	-211.403	544355.44	0.2145	P	0.8
4	☐	1000.000	1392.711	571709.16	0.2252	P	1.2
5	☐	2500.000	2681.938	609572.32	0.2338	P	2.2
6	☐	5000.000	5744.781	640693.78	0.2542	P	4.3
7	☐	10000.000	8721.246	710712.55	0.2740	P	2.5
8	☐	20000.000	20410.804	906939.80	0.3518	P	3.3
9	☐			439625.69	0.1740	P	2.2

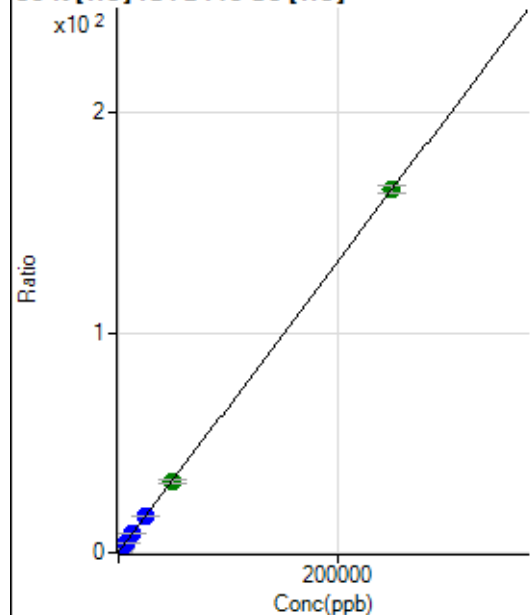
$$y = 6.6587\text{E-}006 * x + 0.2159$$

$$R = 0.9959$$

$$DL = 501.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6574.04	0.1720	P	1.9
2	☐	50.000					
3	☐	500.000	442.096	18254.30	0.4632	P	2.4
4	☐	2500.000	2558.436	71585.29	1.8568	P	2.6
5	☐	6250.000	6342.416	169858.86	4.3487	P	2.1
6	☐	12500.000	12484.694	329074.19	8.3935	P	1.5
7	☐	25000.000	24534.430	644113.78	16.3286	P	1.0
8	☐	50000.000	48947.247	1316832.26	32.4051	A	3.2
9	☐	250000.00	250255.09	6604182.26	164.9719	A	2.1

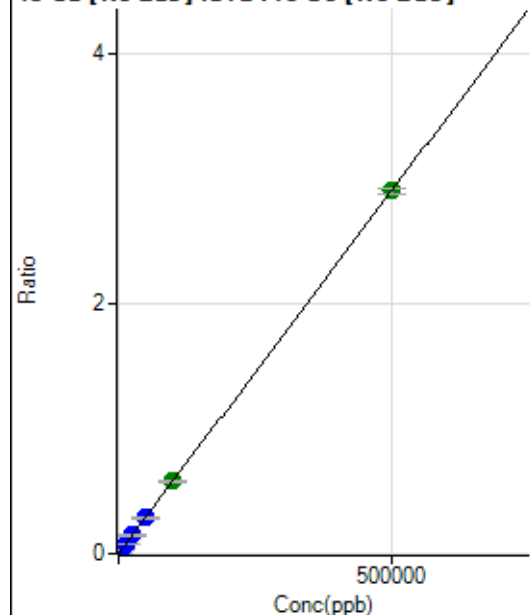
$$y = 6.5853\text{E-}004 * x + 0.1720$$

$$R = 1.0000$$

$$DL = 14.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.56	0.0001	P	11.6
2	☐	50.000					
3	☐	500.000	466.656	7164.15	0.0028	P	1.2
4	☐	5000.000	5047.329	74759.70	0.0294	P	1.5
5	☐	12500.000	12297.578	186675.15	0.0716	P	2.3
6	☐	25000.000	25220.556	369843.51	0.1467	P	3.9
7	☐	50000.000	49183.398	741879.79	0.2860	P	1.9
8	☐	100000.00	99935.194	1497811.58	0.5810	A	2.7
9	☐	500000.00	500088.21	7346248.22	2.9068	A	1.6

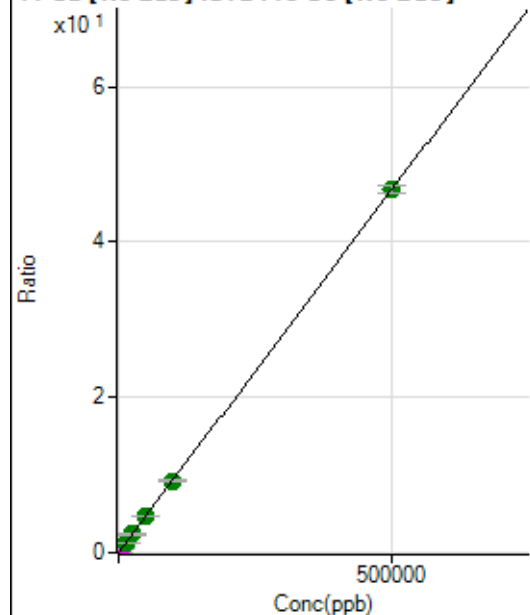
$$y = 5.8123\text{E-}006 * x + 1.1076\text{E-}004$$

$$R = 1.0000$$

$$DL = 6.609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39571.29	0.0159	P	1.2
2	☐	50.000					
3	☐	500.000	452.567	147508.18	0.0581	P	1.5
4	☐	5000.000	5080.634	1244043.67	0.4900	M	0.8
5	☐	12500.000	12574.703	3101013.32	1.1892	A	2.3
6	☐	25000.000	25337.214	5999456.72	2.3801	A	4.6
7	☐	50000.000	49311.612	11978504.40	4.6171	A	1.1
8	☐	100000.00	98867.539	23824365.20	9.2412	A	2.8
9	☐	500000.00	500275.84	118002452.6	46.6965	A	2.3

$$y = 9.3310\text{E-}005 * x + 0.0159$$

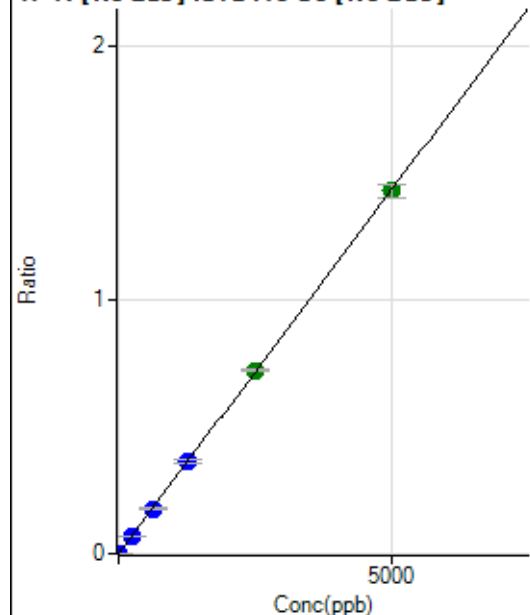
$$R = 1.0000$$

$$DL = 5.891$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0001	P	29.3
2	☐	0.500					
3	☐	5.000	4.807	3622.88	0.0014	P	7.6
4	☐	250.000	249.007	181298.58	0.0714	P	0.8
5	☐	625.000	616.260	460611.68	0.1767	P	2.7
6	☐	1250.000	1260.292	910442.62	0.3612	P	4.9
7	☐	2500.000	2522.231	1875229.56	0.7229	A	1.8
8	☐	5000.000	4987.454	3684352.51	1.4293	A	3.6
9	☐			1600.15	0.0006	P	84.3

$$y = 2.8657E-004 * x + 5.0261E-005$$

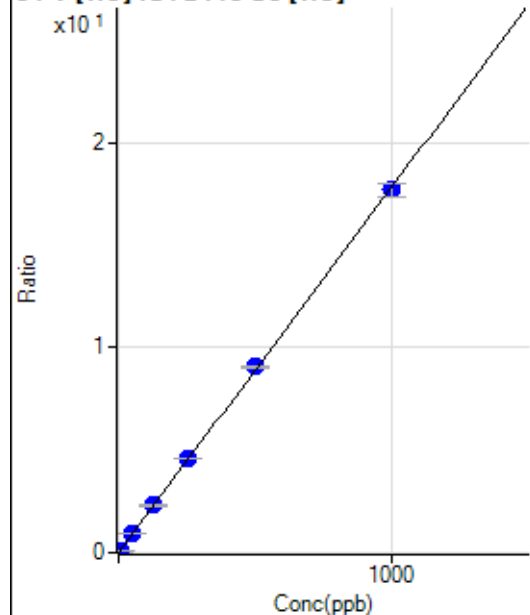
$$R = 1.0000$$

$$DL = 0.1543$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0005	P	54.5
2	☐	0.500					
3	☐	5.000	5.007	3531.62	0.0896	P	1.6
4	☐	50.000	52.037	35736.88	0.9266	P	0.7
5	☐	125.000	129.436	89993.45	2.3040	P	2.3
6	☐	250.000	257.342	179581.67	4.5803	P	0.6
7	☐	500.000	508.301	356857.54	9.0466	P	1.4
8	☐	1000.000	993.358	718328.70	17.6790	P	3.7
9	☐			150.00	0.0037	P	14.9

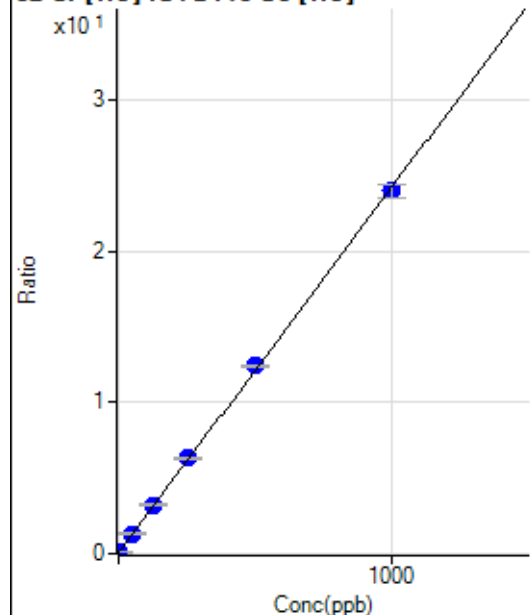
$$y = 0.0178 * x + 4.9623E-004$$

$$R = 0.9999$$

$$DL = 0.0456$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1957.95	0.0512	P	1.3
2	☐	0.200					
3	☐	2.000	1.753	3687.21	0.0935	P	2.8
4	☐	50.000	52.773	51091.95	1.3252	P	2.7
5	☐	125.000	131.016	125518.64	3.2141	P	3.4
6	☐	250.000	258.552	246728.25	6.2930	P	0.8
7	☐	500.000	511.742	489354.87	12.4054	P	0.9
8	☐	1000.000	991.101	974172.17	23.9777	P	4.0
9	☐			10448.51	0.2611	P	4.3

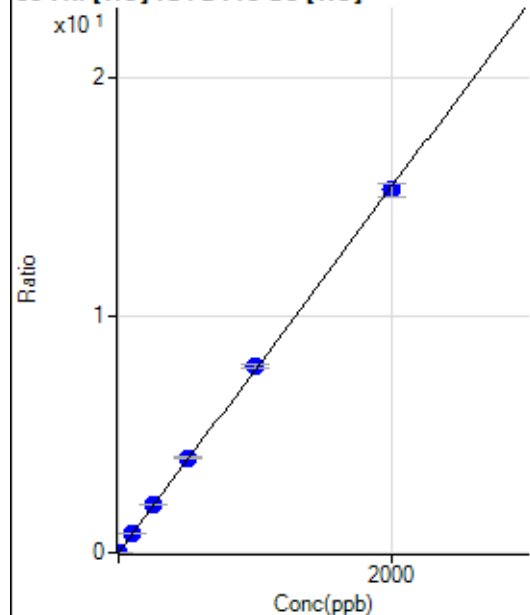
$$y = 0.0241 * x + 0.0512$$

$$R = 0.9998$$

$$DL = 0.0801$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0026	P	9.4
2	☐	0.100					
3	☐	1.000	1.149	453.35	0.0115	P	7.6
4	☐	100.000	105.119	31343.17	0.8132	P	3.6
5	☐	250.000	262.465	79151.57	2.0264	P	2.1
6	☐	500.000	517.944	156680.63	3.9963	P	1.0
7	☐	1000.000	1018.826	309988.03	7.8584	P	1.4
8	☐	2000.000	1984.287	621797.42	15.3027	P	3.5
9	☐			3105.96	0.0776	P	6.8

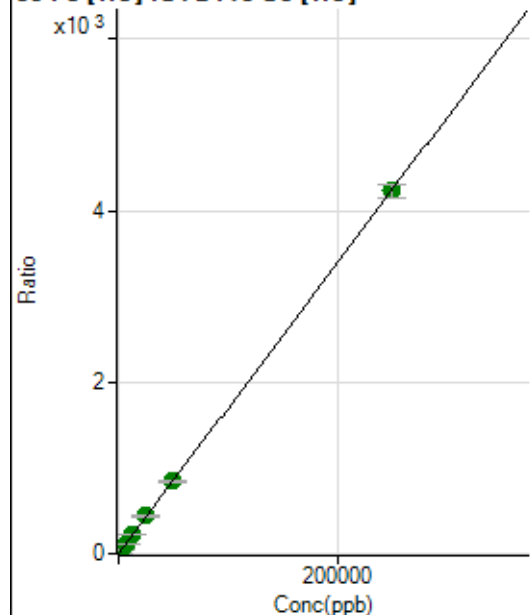
$$y = 0.0077 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.09673$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4332.29	0.1134	P	2.1
2	☐	5.000					
3	☐	50.000	51.299	38698.60	0.9817	P	0.4
4	☐	2500.000	2694.285	1762755.22	45.7208	A	2.3
5	☐	6250.000	6625.348	4384871.83	112.2639	A	2.6
6	☐	12500.000	13072.484	8680354.71	221.3978	A	0.7
7	☐	25000.000	25846.314	17263033.37	437.6267	A	1.0
8	☐	50000.000	49885.145	34317651.46	844.5439	A	3.4
9	☐	250000.00	249898.38	169316288.9	4,230.267	A	3.5

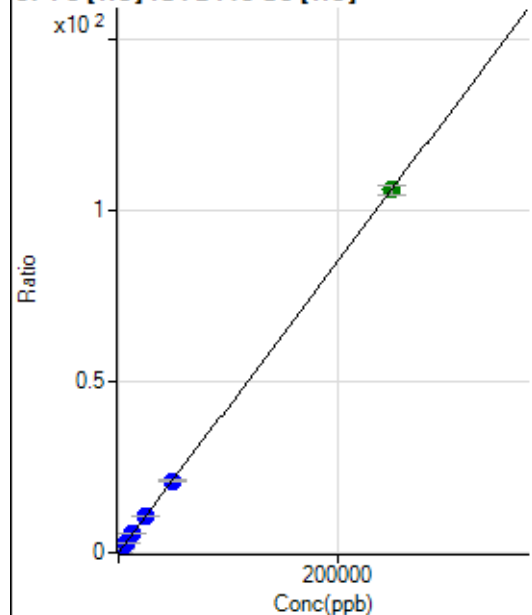
$$y = 0.0169 * x + 0.1134$$

$$R = 1.0000$$

$$DL = 0.4161$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0039	P	16.5
2	☐	5.000					
3	☐	50.000	52.715	1035.26	0.0263	P	9.7
4	☐	2500.000	2619.323	42990.84	1.1152	P	3.0
5	☐	6250.000	6527.696	108325.28	2.7734	P	2.5
6	☐	12500.000	12889.981	214572.90	5.4728	P	0.5
7	☐	25000.000	25646.426	429382.07	10.8850	P	0.7
8	☐	50000.000	49654.284	856238.08	21.0709	P	3.2
9	☐	250000.00	249976.86	4245610.86	106.0622	A	2.7

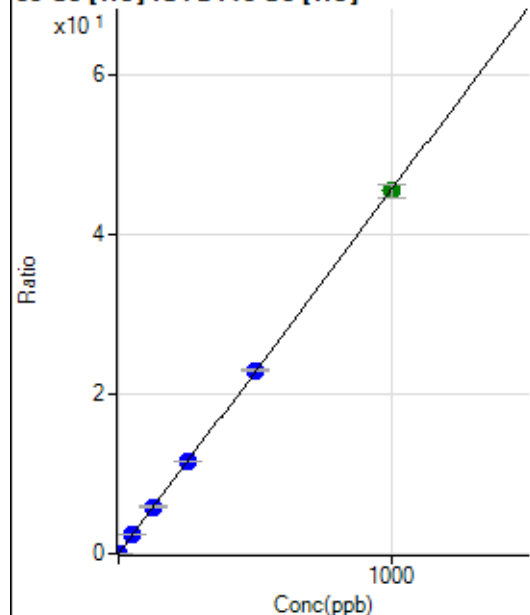
$$y = 4.2427E-004 * x + 0.0039$$

$$R = 1.0000$$

$$DL = 4.575$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0026	P	5.2
2	☐	0.100					
3	☐	1.000	0.953	1814.60	0.0460	P	2.8
4	☐	50.000	52.050	91464.35	2.3725	P	2.7
5	☐	125.000	129.062	229639.33	5.8790	P	1.9
6	☐	250.000	254.134	453775.26	11.5736	P	0.3
7	☐	500.000	502.952	903437.98	22.9026	P	0.9
8	☐	1000.000	996.880	1844260.23	45.3916	A	3.8
9	☐			21639.22	0.5406	P	2.3

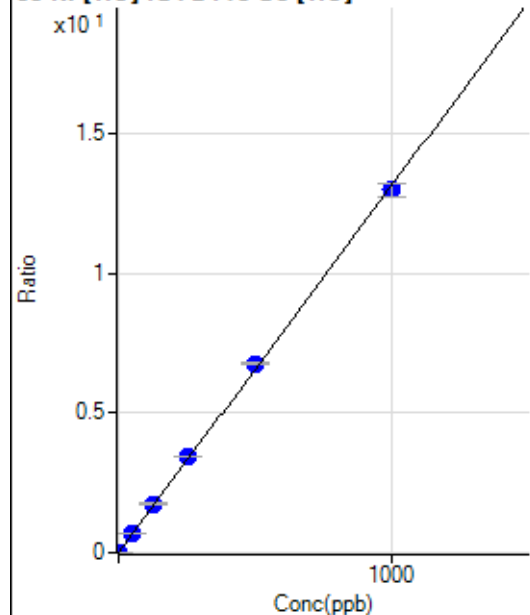
$$y = 0.0455 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.009148$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0024	P	5.4
2	☐	0.100					
3	☐	1.000	1.060	643.36	0.0163	P	5.2
4	☐	50.000	53.423	27099.93	0.7029	P	2.6
5	☐	125.000	133.230	68332.51	1.7494	P	2.2
6	☐	250.000	261.763	134672.60	3.4349	P	0.3
7	☐	500.000	514.306	266126.90	6.7464	P	0.7
8	☐	1000.000	988.706	526833.19	12.9671	P	4.0
9	☐			7327.61	0.1830	P	2.6

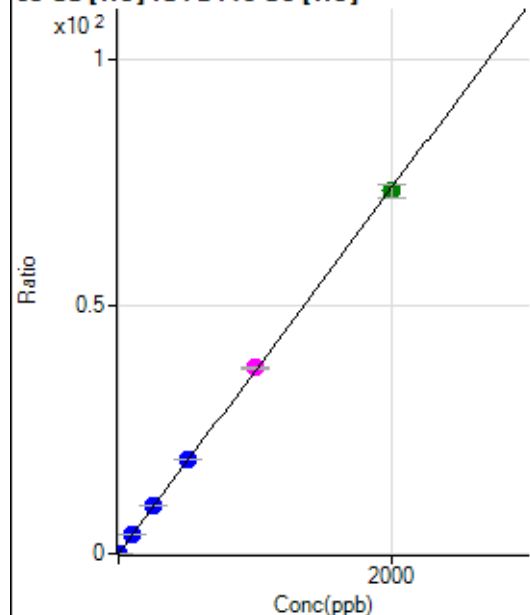
$$y = 0.0131 * x + 0.0024$$

$$R = 0.9998$$

$$DL = 0.02989$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	676.70	0.0177	P	5.0
2	☐	0.200					
3	☐	2.000	1.936	3518.29	0.0893	P	2.7
4	☐	100.000	106.428	152324.56	3.9512	P	2.7
5	☐	250.000	262.951	380318.28	9.7360	P	1.8
6	☐	500.000	518.735	752374.89	19.1895	P	0.6
7	☐	1000.000	1017.825	1484599.27	37.6352	M	0.7
8	☐	2000.000	1984.464	2980777.94	73.3608	A	3.8
9	☐			4651.96	0.1162	P	1.9

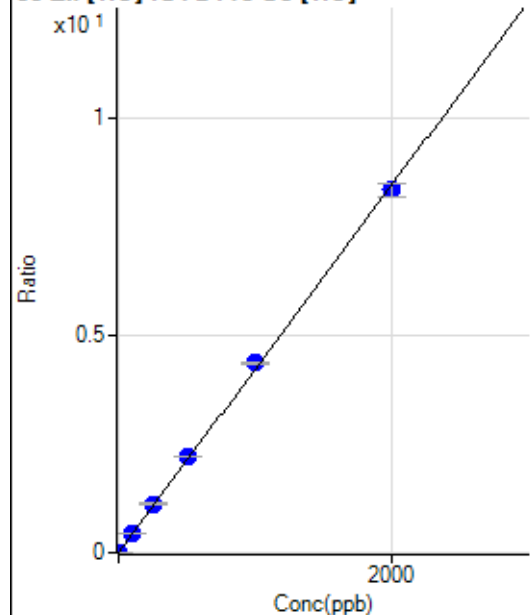
$$y = 0.0370 * x + 0.0177$$

$$R = 0.9999$$

$$DL = 0.07154$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0013	P	33.6
2	☐	0.200					
3	☐	2.000	2.024	388.90	0.0099	P	13.6
4	☐	100.000	105.393	17237.60	0.4472	P	3.4
5	☐	250.000	266.153	44029.81	1.1273	P	2.7
6	☐	500.000	524.720	87092.52	2.2213	P	1.2
7	☐	1000.000	1031.547	172211.73	4.3656	P	0.6
8	☐	2000.000	1975.758	339666.57	8.3603	P	4.0
9	☐			3351.57	0.0837	P	1.3

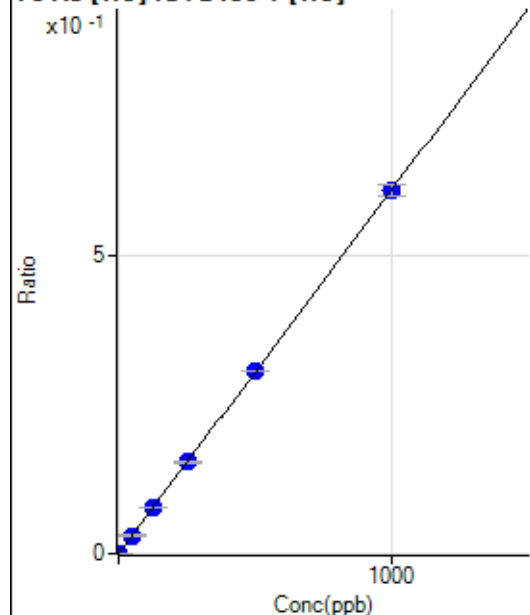
$$y = 0.0042 * x + 0.0013$$

$$R = 0.9997$$

$$DL = 0.3106$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	2.8
2	☐	0.100					
3	☐	1.000	0.954	124.07	0.0006	P	9.6
4	☐	50.000	49.965	6249.62	0.0305	P	1.5
5	☐	125.000	126.630	15841.86	0.0774	P	2.4
6	☐	250.000	251.764	31866.94	0.1538	P	1.6
7	☐	500.000	502.602	63654.46	0.3071	P	0.4
8	☐	1000.000	998.056	127668.86	0.6098	P	3.3
9	☐			195.68	0.0009	P	10.4

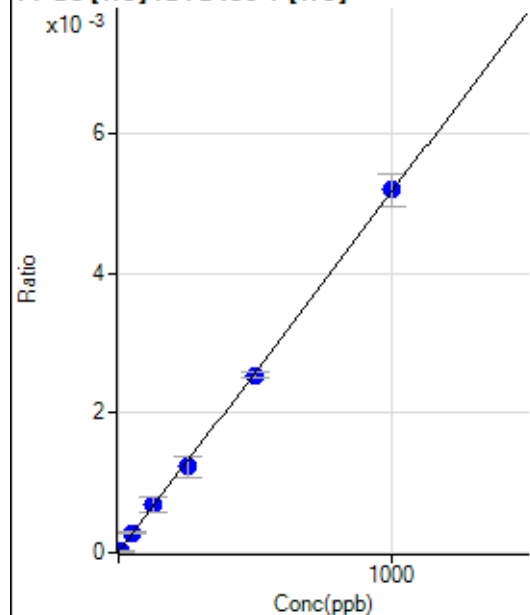
$$y = 6.1097\text{E-}004 * x + 1.8462\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00252$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.084	4.44	0.0000	P	113.
4	☐	50.000	53.587	57.78	0.0003	P	11.8
5	☐	125.000	133.789	142.23	0.0007	P	31.7
6	☐	250.000	238.387	256.68	0.0012	P	24.2
7	☐	500.000	492.132	527.80	0.0025	P	3.6
8	☐	1000.000	1005.569	1086.73	0.0052	P	9.1
9	☐			2.22	0.0000	P	173.

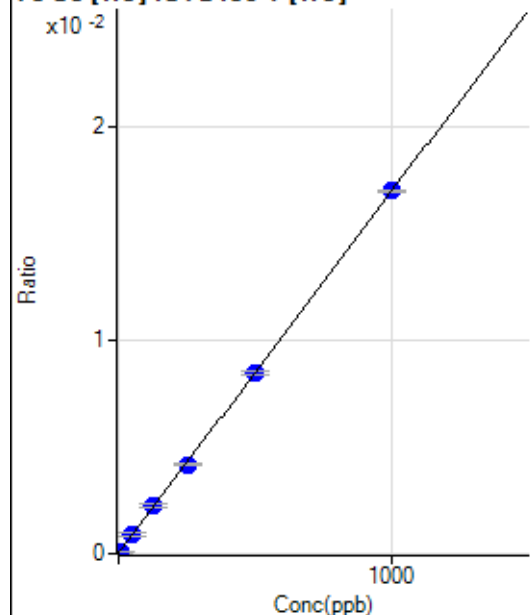
$$y = 5.1630\text{E-}006 * x + 5.3697\text{E-}006$$

$$R = 0.9998$$

$$DL = 5.404$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	52.2
2	☐	0.500					
3	☐	5.000	4.207	18.52	0.0001	P	27.2
4	☐	50.000	51.890	183.96	0.0009	P	12.3
5	☐	125.000	132.658	463.59	0.0023	P	10.3
6	☐	250.000	244.808	863.62	0.0042	P	2.4
7	☐	500.000	497.627	1751.98	0.0085	P	2.7
8	☐	1000.000	1001.437	3559.76	0.0170	P	0.2
9	☐			3.70	0.0000	P	0.3

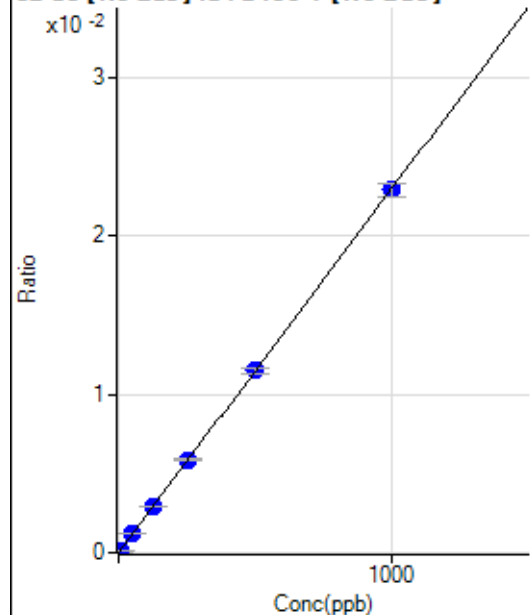
$$y = 1.6948\text{E-}005 * x + 1.8646\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.722$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-98.82	0.0000	P	-24.
2	☐	0.500					
3	☐	5.000	5.513	307.46	0.0001	P	8.3
4	☐	50.000	51.414	3717.06	0.0012	P	2.9
5	☐	125.000	126.484	9582.42	0.0029	P	3.2
6	☐	250.000	256.341	19220.69	0.0059	P	2.1
7	☐	500.000	500.453	38601.64	0.0115	P	3.5
8	☐	1000.000	997.929	76857.75	0.0229	P	3.9
9	☐			-41.16	0.0000	P	-98.

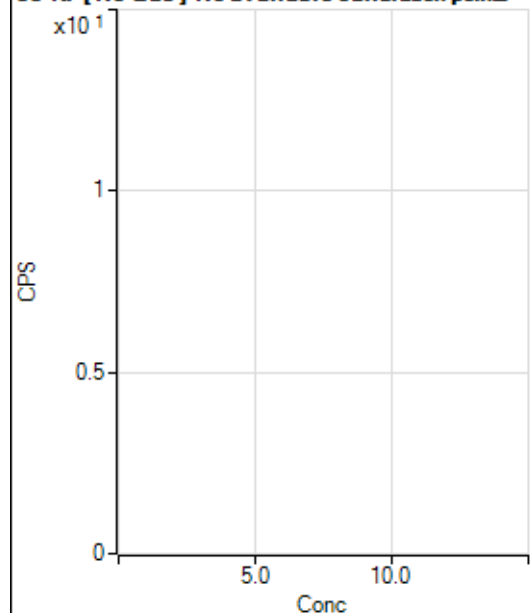
$$y = 2.3009\text{E-}005 * x - 3.1809\text{E-}005$$

$$R = 1.0000$$

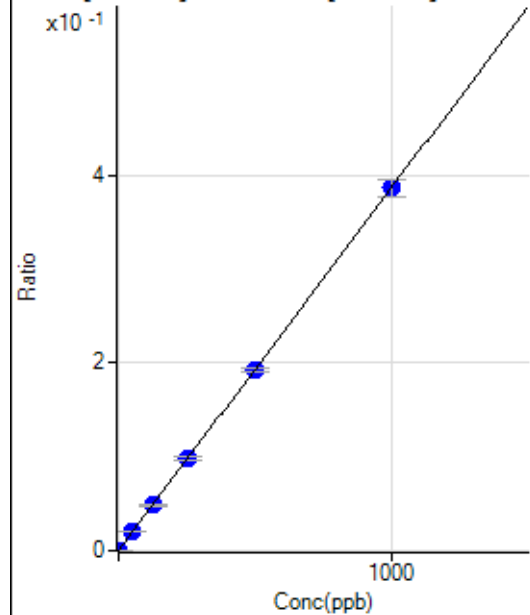
$$DL = 0.9944$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			625.58		P	2.7
2	☐						
3	☐			596.69		P	5.7
4	☐			617.80		P	7.3
5	☐			596.69		P	3.4
6	☐			613.36		P	7.1
7	☐			625.58		P	12.8
8	☐			678.92		P	8.8
9	☐			644.47		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	866.73	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.875	1994.69	0.0006	P	4.7
4	☐	50.000	50.635	64006.62	0.0198	P	0.8
5	☐	125.000	125.092	161684.49	0.0486	P	3.0
6	☐	250.000	253.836	321859.44	0.0983	P	3.4
7	☐	500.000	498.529	647952.48	0.1927	P	2.3
8	☐	1000.000	999.733	1294270.42	0.3862	P	4.5
9	☐			6037.72	0.0019	P	4.6

$$y = 3.8601E-004 * x + 2.7879E-004$$

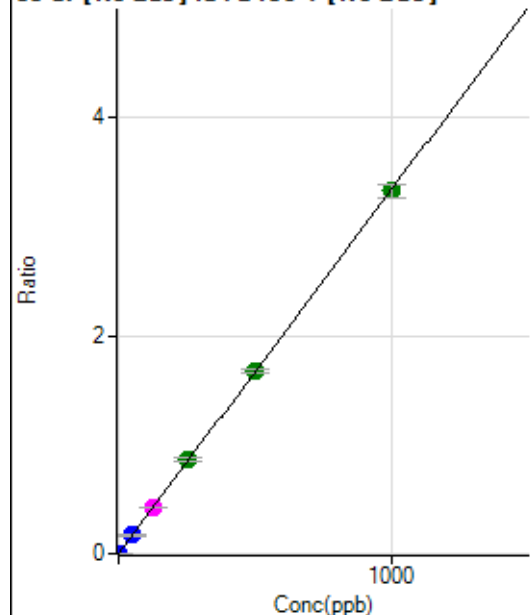
$$R = 1.0000$$

$$DL = 0.1072$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	0.941	10257.10	0.0032	P	2.0
4	☐	50.000	50.244	541353.78	0.1677	P	1.1
5	☐	125.000	125.506	1394553.13	0.4188	M	1.8
6	☐	250.000	257.613	2815477.75	0.8596	A	4.0
7	☐	500.000	503.341	5647167.45	1.6796	A	2.3
8	☐	1000.000	996.351	11144284.10	3.3247	A	3.9
9	☐			44858.03	0.0139	P	3.6

$$y = 0.0033 * x + 3.0389E-005$$

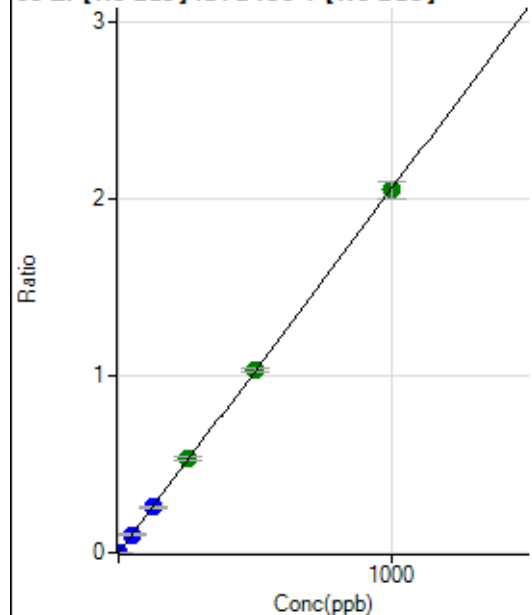
$$R = 1.0000$$

$$DL = 0.001507$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0001	P	32.3
2	☐	0.100					
3	☐	1.000	0.905	6232.25	0.0019	P	4.7
4	☐	50.000	50.132	332800.38	0.1031	P	1.9
5	☐	125.000	124.584	852653.07	0.2561	P	2.7
6	☐	250.000	257.922	1736195.98	0.5301	A	4.2
7	☐	500.000	501.098	3462958.71	1.0299	A	1.8
8	☐	1000.000	997.516	6870579.06	2.0501	A	4.6
9	☐			1825.22	0.0006	P	3.5

$$y = 0.0021 * x + 6.6045E-005$$

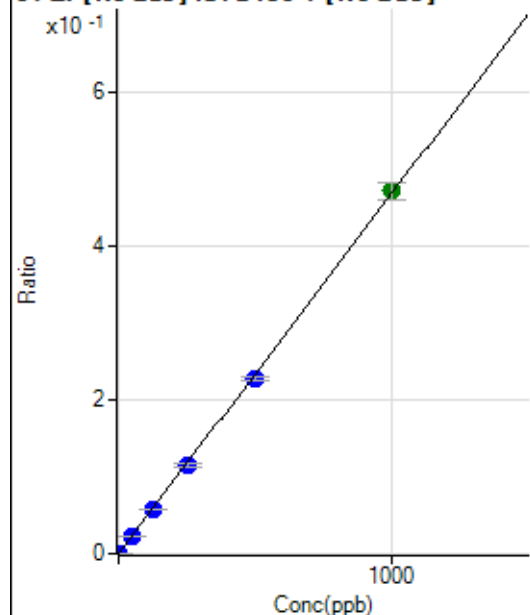
$$R = 1.0000$$

$$DL = 0.03118$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.33	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.914	1447.37	0.0004	P	3.7
4	☐	50.000	49.289	74612.95	0.0231	P	0.4
5	☐	125.000	122.351	190907.92	0.0573	P	2.1
6	☐	250.000	246.848	378787.11	0.1157	P	4.4
7	☐	500.000	485.540	764927.39	0.2275	P	1.7
8	☐	1000.000	1008.385	1583179.64	0.4724	A	4.9
9	☐			377.80	0.0001	P	7.0

$$y = 4.6849\text{E-}004 * x + 1.8778\text{E-}005$$

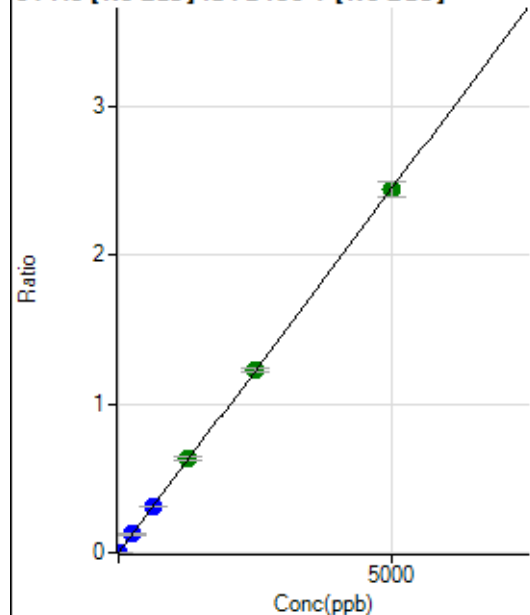
$$R = 0.9998$$

$$DL = 0.03027$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	4.549	7327.27	0.0023	P	1.8
4	☐	250.000	251.954	397773.35	0.1232	P	1.2
5	☐	625.000	626.287	1019619.38	0.3062	P	1.5
6	☐	1250.000	1287.104	2061163.48	0.6293	A	3.5
7	☐	2500.000	2506.336	4119968.15	1.2253	A	2.1
8	☐	5000.000	4987.298	8172396.54	2.4382	A	4.1
9	☐			3756.26	0.0012	P	4.1

$$y = 4.8888\text{E-}004 * x + 4.0232\text{E-}005$$

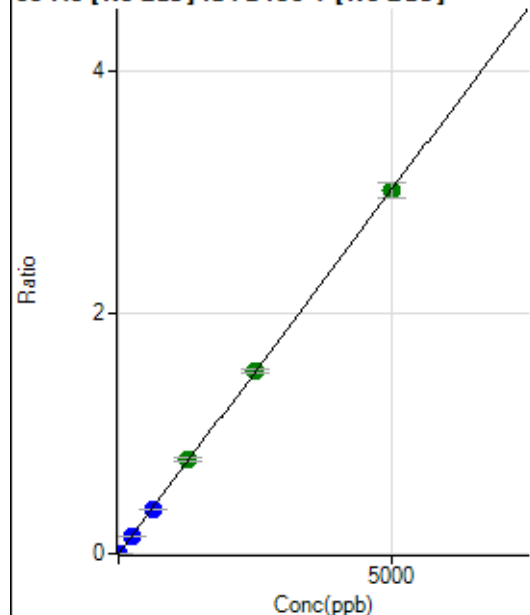
$$R = 1.0000$$

$$DL = 0.07618$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	79.0
2	☐	0.500					
3	☐	5.000	4.819	9445.38	0.0029	P	2.1
4	☐	250.000	247.925	483218.10	0.1497	P	1.3
5	☐	625.000	615.680	1237648.82	0.3717	P	1.5
6	☐	1250.000	1294.555	2559837.32	0.7815	A	3.6
7	☐	2500.000	2509.003	5092290.78	1.5147	A	3.0
8	☐	5000.000	4985.629	10088513.85	3.0099	A	4.2
9	☐			4998.36	0.0015	P	1.9

$$y = 6.0371\text{E-}004 * x + 9.8434\text{E-}006$$

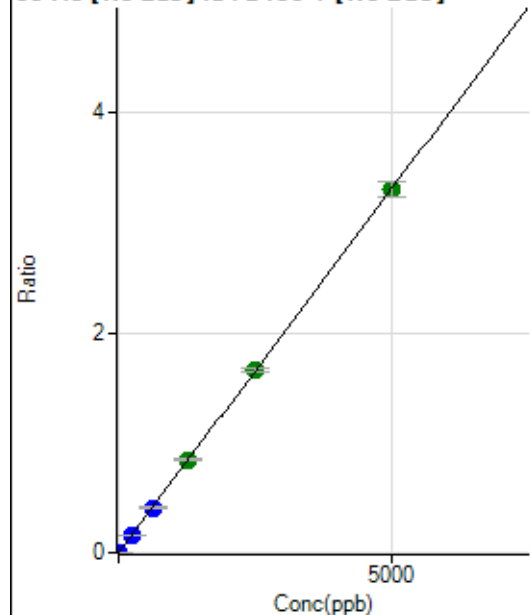
$$R = 0.9999$$

$$DL = 0.03863$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.4
2	☐	0.500					
3	☐	5.000	4.709	10104.19	0.0031	P	3.0
4	☐	250.000	248.019	529225.36	0.1639	P	1.5
5	☐	625.000	616.063	1355735.89	0.4072	P	2.2
6	☐	1250.000	1278.094	2767154.14	0.8448	A	3.2
7	☐	2500.000	2512.156	5582100.39	1.6604	A	3.0
8	☐	5000.000	4988.115	11050293.30	3.2969	A	4.2
9	☐			6009.94	0.0019	P	3.7

$$y = 6.6095\text{E-}004 * x + 1.0732\text{E-}005$$

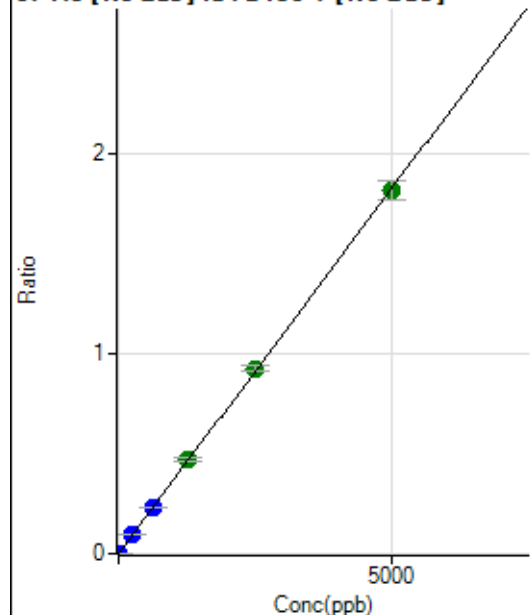
$$R = 1.0000$$

$$DL = 0.01238$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	18.2
2	☐	0.500					
3	☐	5.000	4.888	5887.66	0.0018	P	4.6
4	☐	250.000	252.487	297468.27	0.0921	P	1.4
5	☐	625.000	626.717	761429.23	0.2287	P	1.1
6	☐	1250.000	1281.970	1531778.00	0.4677	A	4.1
7	☐	2500.000	2539.605	3114789.24	0.9265	A	3.0
8	☐	5000.000	4971.866	6077737.90	1.8138	A	5.3
9	☐			3361.69	0.0010	P	2.2

$$y = 3.6481\text{E-}004 * x + 3.5720\text{E-}005$$

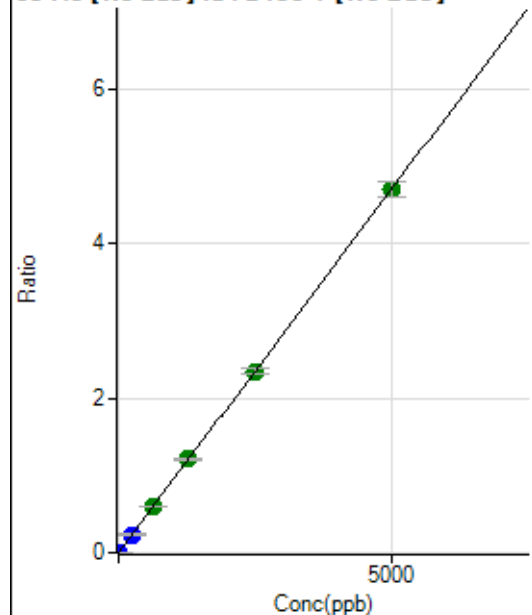
$$R = 0.9999$$

$$DL = 0.05361$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	23.5
2	☐	0.500					
3	☐	5.000	4.877	14911.57	0.0046	P	3.5
4	☐	250.000	251.066	763028.46	0.2364	P	1.6
5	☐	625.000	630.950	1977655.53	0.5940	A	2.1
6	☐	1250.000	1283.153	3957192.10	1.2080	A	2.8
7	☐	2500.000	2498.903	7908436.55	2.3525	A	3.2
8	☐	5000.000	4991.463	15749339.76	4.6989	A	4.3
9	☐			7866.52	0.0024	P	2.3

$$y = 9.4139\text{E-}004 * x + 1.6963\text{E-}005$$

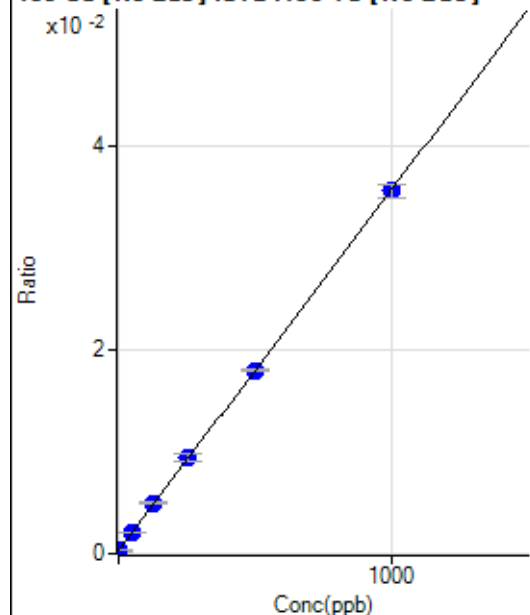
$$R = 1.0000$$

$$DL = 0.01269$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	722.29	0.0003	P	16.3
2	☐	0.100					
3	☐	1.000	0.560	808.40	0.0003	P	7.0
4	☐	50.000	50.794	5559.74	0.0021	P	4.6
5	☐	125.000	131.805	13932.80	0.0050	P	2.9
6	☐	250.000	258.707	25959.31	0.0095	P	6.7
7	☐	500.000	500.521	51376.66	0.0181	P	1.1
8	☐	1000.000	996.673	99782.77	0.0357	P	4.0
9	☐			775.06	0.0003	P	4.5

$$y = 3.5496\text{E-}005 * x + 2.8429\text{E-}004$$

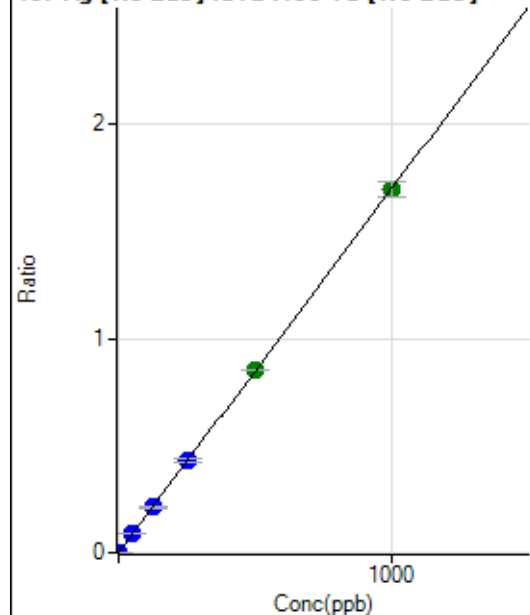
$$R = 0.9999$$

$$DL = 3.908$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	15.3
2	☐	0.100					
3	☐	1.000	0.939	4337.01	0.0016	P	5.3
4	☐	50.000	51.262	232033.06	0.0871	P	0.8
5	☐	125.000	124.748	594923.25	0.2119	P	2.3
6	☐	250.000	254.026	1183483.83	0.4314	P	4.8
7	☐	500.000	502.701	2430108.45	0.8538	A	0.5
8	☐	1000.000	997.611	4740215.90	1.6943	A	4.3
9	☐			1316.78	0.0005	P	7.3

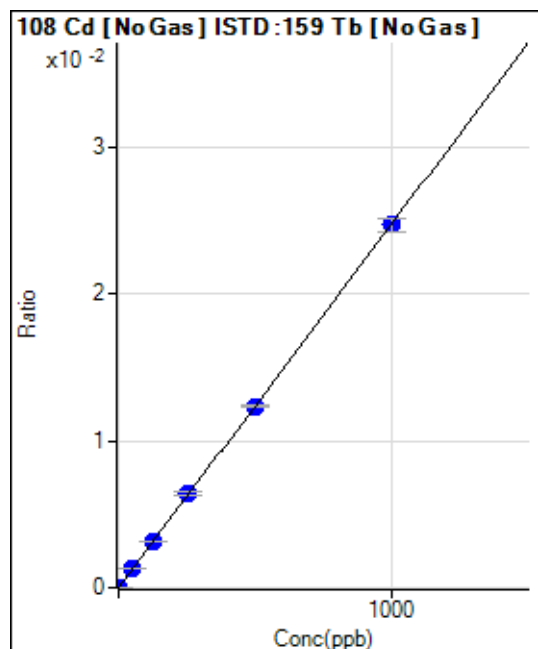
$$y = 0.0017 * x + 3.6088\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.009785$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	0.860	65.28	0.0000	P	28.9
4	☐	50.000	52.233	3454.69	0.0013	P	3.2
5	☐	125.000	127.020	8840.56	0.0031	P	1.9
6	☐	250.000	260.015	17668.81	0.0064	P	4.9
7	☐	500.000	497.906	35104.25	0.0123	P	1.3
8	☐	1000.000	998.179	69169.61	0.0247	P	3.9
9	☐			18.06	0.0000	P	32.0

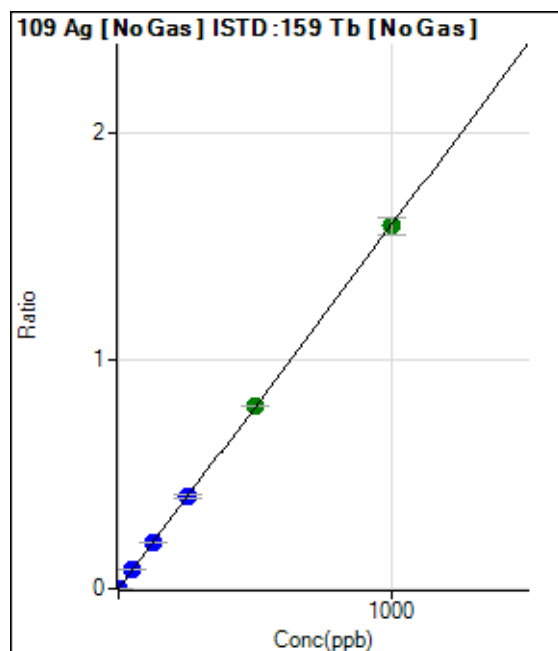
$$y = 2.4761\text{E-}005 * x + 3.2835\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1988$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.3
2	☐	0.100					
3	☐	1.000	0.973	4192.50	0.0016	P	8.6
4	☐	50.000	51.661	219498.28	0.0824	P	1.1
5	☐	125.000	126.088	564452.38	0.2010	P	2.5
6	☐	250.000	255.315	1116837.50	0.4071	P	4.0
7	☐	500.000	501.747	2276913.68	0.8000	A	0.8
8	☐	1000.000	997.579	4449443.24	1.5905	A	4.6
9	☐			1136.22	0.0004	P	18.3

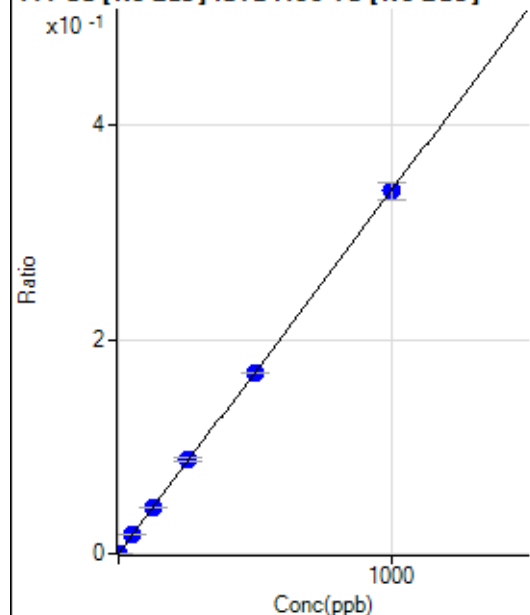
$$y = 0.0016 * x + 2.6236\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01049$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.10	0.0002	P	16.9
2	☐	0.100					
3	☐	1.000	0.975	1409.12	0.0005	P	3.9
4	☐	50.000	51.561	47045.29	0.0177	P	2.6
5	☐	125.000	126.842	121149.31	0.0432	P	2.7
6	☐	250.000	257.559	239789.20	0.0874	P	4.8
7	☐	500.000	497.508	480087.74	0.1687	P	0.8
8	☐	1000.000	999.048	946903.22	0.3385	P	5.1
9	☐			649.35	0.0003	P	5.9

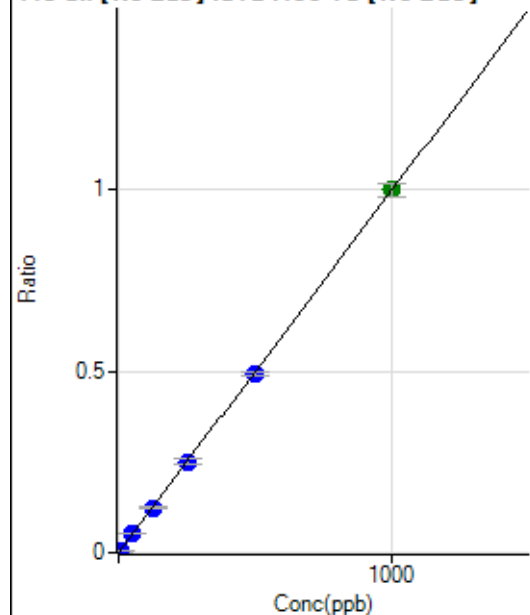
$$y = 3.3863\text{E-}004 * x + 1.9999\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2994$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.68	0.0001	P	12.9
2	☐	0.500					
3	☐	5.000	4.781	12917.91	0.0049	P	1.1
4	☐	50.000	50.608	134650.10	0.0505	P	0.4
5	☐	125.000	123.798	346730.73	0.1235	P	2.3
6	☐	250.000	252.167	689729.94	0.2514	P	4.8
7	☐	500.000	493.945	1401508.74	0.4924	P	1.8
8	☐	1000.000	1002.607	2796463.78	0.9994	A	4.0
9	☐			2589.26	0.0010	P	1.3

$$y = 9.9675\text{E-}004 * x + 9.5217\text{E-}005$$

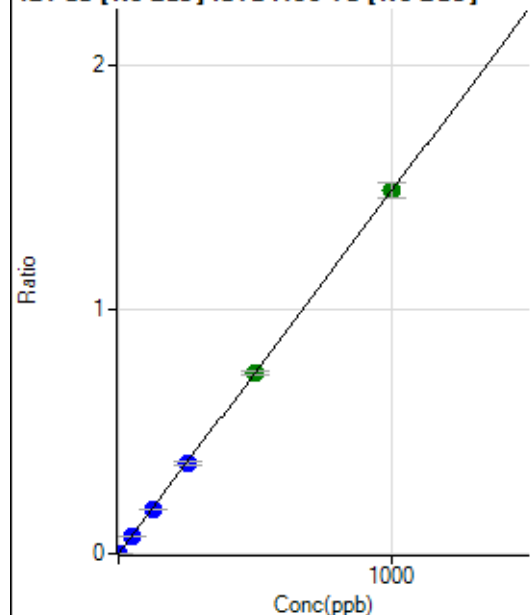
$$R = 1.0000$$

$$DL = 0.0371$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	75.0
2	☐	0.200					
3	☐	2.000	1.851	7346.81	0.0028	P	1.8
4	☐	50.000	49.264	195161.23	0.0732	P	0.4
5	☐	125.000	121.913	508885.14	0.1812	P	2.3
6	☐	250.000	249.060	1015836.92	0.3703	P	4.1
7	☐	500.000	500.590	2117998.46	0.7442	A	2.1
8	☐	1000.000	1000.363	4160726.05	1.4871	A	4.3
9	☐			5740.41	0.0022	P	2.9

$$y = 0.0015 * x + 1.3105E-005$$

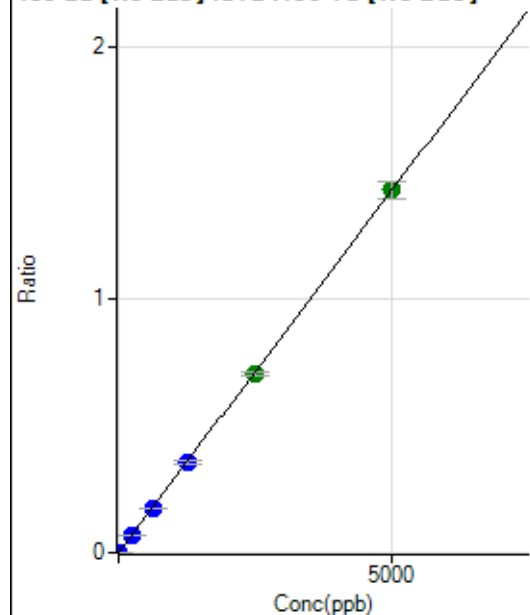
$$R = 1.0000$$

$$DL = 0.01983$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.4
2	☐	1.000					
3	☐	10.000	9.390	7141.15	0.0027	P	4.9
4	☐	250.000	250.546	190641.91	0.0716	P	0.4
5	☐	625.000	612.268	490966.36	0.1749	P	1.7
6	☐	1250.000	1250.315	979516.83	0.3571	P	4.4
7	☐	2500.000	2473.807	2010626.02	0.7064	A	1.7
8	☐	5000.000	5014.583	4005947.23	1.4320	A	4.8
9	☐			530.59	0.0002	P	15.0

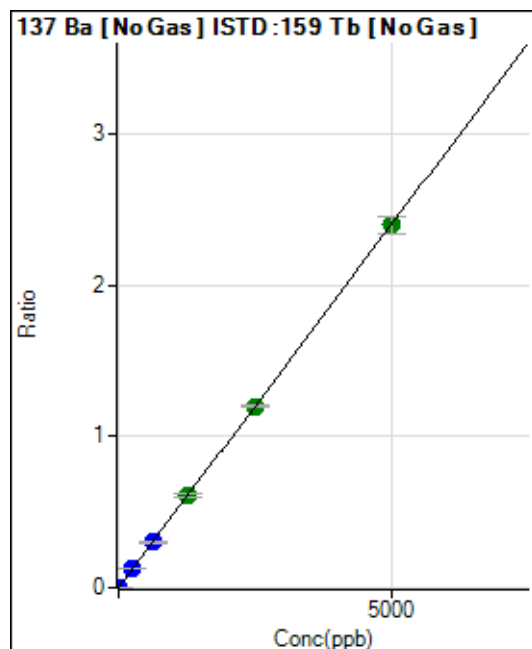
$$y = 2.8557E-004 * x + 6.5707E-006$$

$$R = 1.0000$$

$$DL = 0.03479$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.9
2	☐	1.000					
3	☐	10.000	9.424	12050.50	0.0045	P	0.9
4	☐	250.000	253.378	324402.17	0.1218	P	0.8
5	☐	625.000	625.498	843953.38	0.3006	P	2.0
6	☐	1250.000	1277.911	1684547.48	0.6141	A	4.6
7	☐	2500.000	2498.539	3417297.25	1.2006	A	0.9
8	☐	5000.000	4993.523	6712707.92	2.3995	A	4.7
9	☐			833.40	0.0003	P	13.9

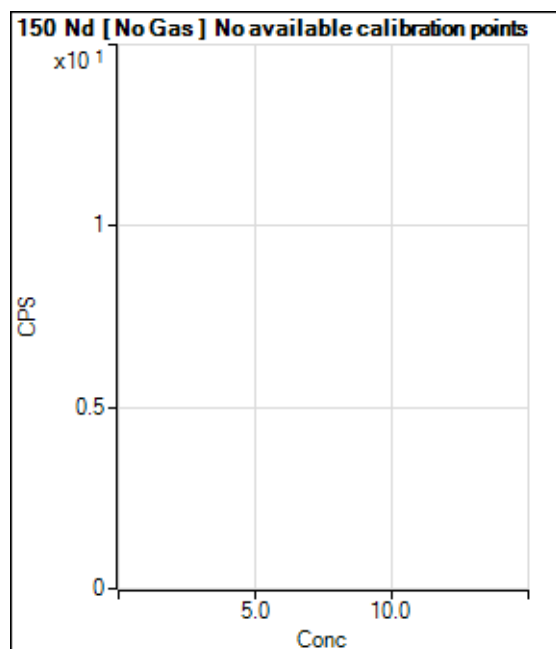
$$y = 4.8053E-004 * x + 5.4747E-006$$

$$R = 1.0000$$

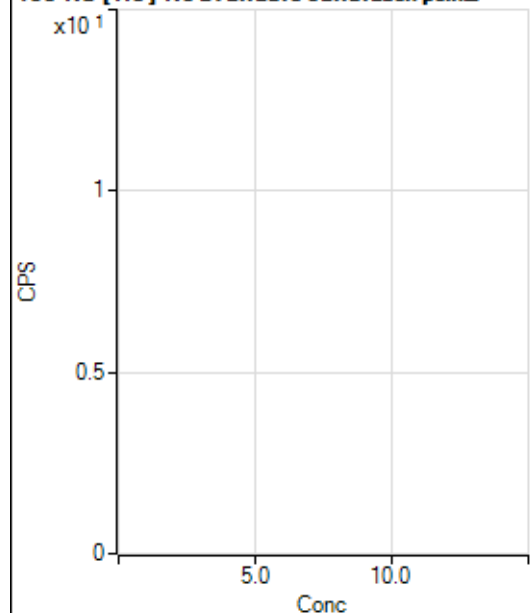
$$DL = 0.01194$$

Weight: <None>

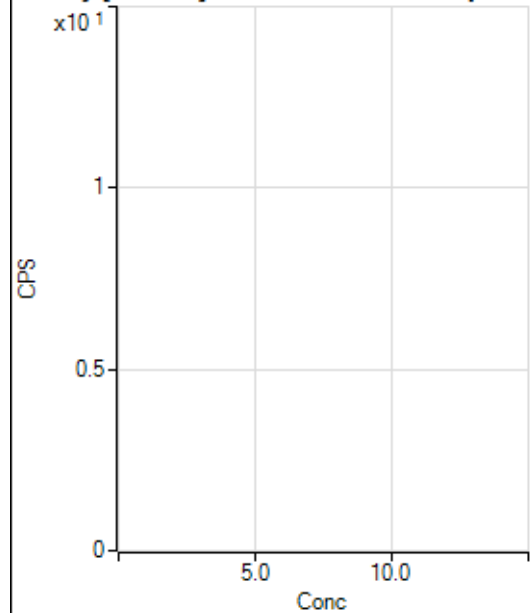
Min Conc: 0



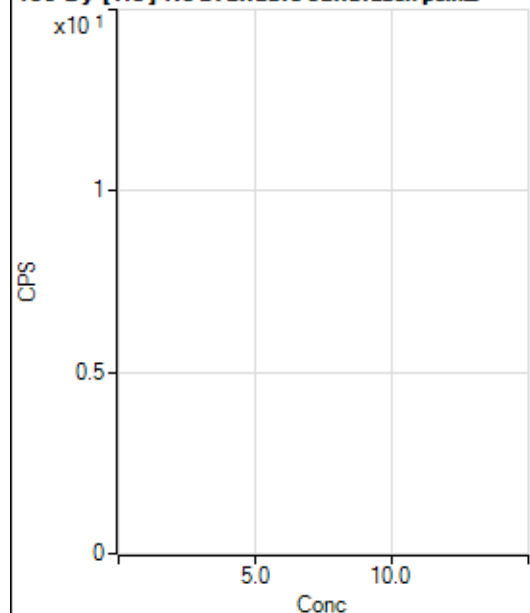
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			15.55		P	24.8
4	☐			6.67		P	100.
5	☐			22.22		P	45.8
6	☐			44.45		P	22.9
7	☐			100.00		P	13.3
8	☐			177.79		P	16.9
9	☐			71.12		P	32.9

150 Nd [He] No available calibration points

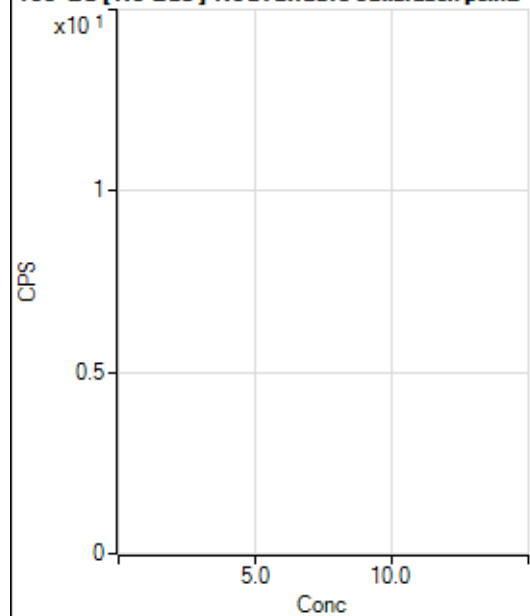
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			2.22		P	173.
6	☐			1.11		P	173.
7	☐			2.22		P	86.6
8	☐			5.56		P	91.6
9	☐			13.33		P	NaN

156 Dy [No Gas] No available calibration points

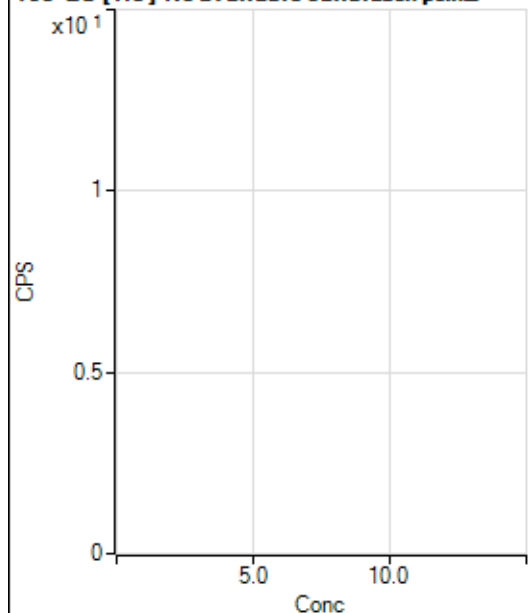
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			11.11		P	114.
4	☐			2.78		P	173.
5	☐			19.44		P	49.5
6	☐			8.33		P	100.
7	☐			47.22		P	88.8
8	☐			63.89		P	41.9
9	☐			30.56		P	41.7

156 Dy [He] No available calibration points

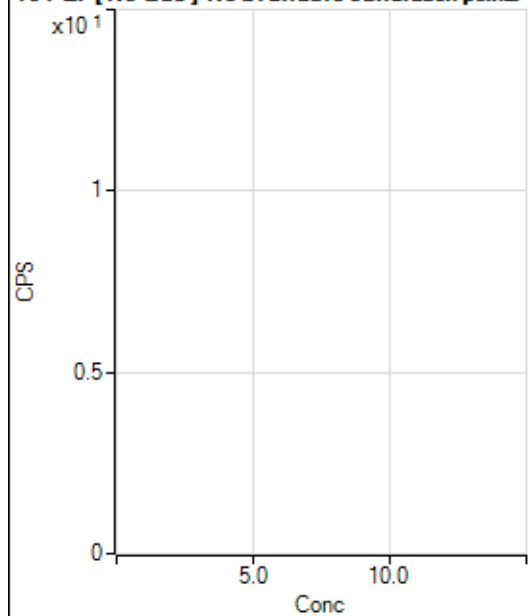
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			2.22		P	86.6
7	☐			2.22		P	173.
8	☐			3.33		P	100.
9	☐			3.33		P	100.

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

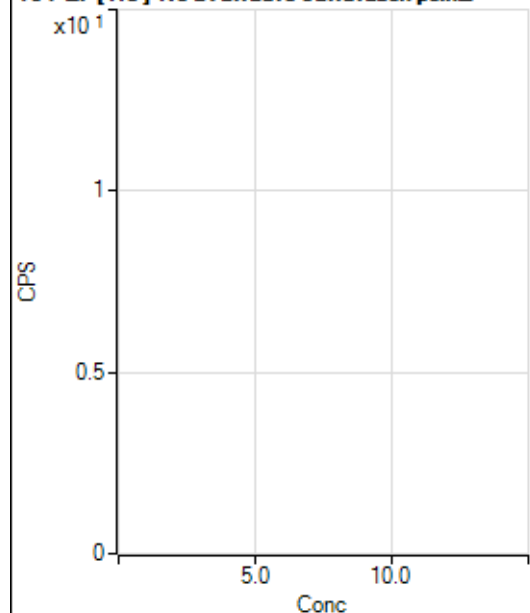
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			36.11		P	81.1
4	☐			27.78		P	75.5
5	☐			25.00		P	33.3
6	☐			19.45		P	24.7
7	☐			38.89		P	101.
8	☐			36.11		P	81.1
9	☐			52.78		P	36.5

160 Gd [He] No available calibration points

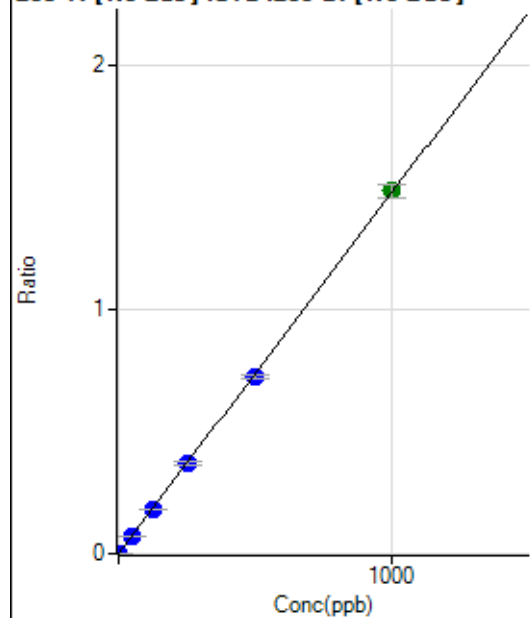
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			4.44		P	114.
4	☐			4.44		P	43.4
5	☐			8.89		P	21.6
6	☐			4.44		P	43.4
7	☐			16.67		P	52.9
8	☐			14.44		P	13.4
9	☐			12.22		P	68.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.
2	☐						
3	☐			16.67		P	50.0
4	☐			36.11		P	13.3
5	☐			19.44		P	99.0
6	☐			13.89		P	34.7
7	☐			27.78		P	45.8
8	☐			11.11		P	114.
9	☐			13.89		P	91.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	0.0
4	☐			5.56		P	34.7
5	☐			5.56		P	34.7
6	☐			4.44		P	43.4
7	☐			3.33		P	173.
8	☐			4.44		P	43.4
9	☐			7.78		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.9
2	☐	0.100					
3	☐	1.000	0.858	1808.56	0.0013	P	1.4
4	☐	50.000	49.287	102479.01	0.0729	P	2.2
5	☐	125.000	121.365	265593.39	0.1794	P	1.9
6	☐	250.000	248.603	529352.76	0.3674	P	3.8
7	☐	500.000	490.604	1060884.73	0.7251	P	1.8
8	☐	1000.000	1005.537	2107077.98	1.4862	A	3.5
9	☐			333.36	0.0003	P	17.1

$$y = 0.0015 * x + 2.6616E-005$$

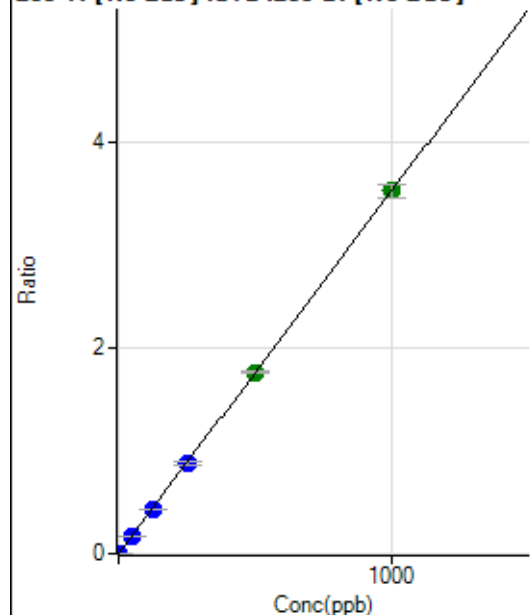
$$R = 0.9999$$

$$DL = 0.02587$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.23	0.0000	P	26.8
2	☐	0.100					
3	☐	1.000	0.877	4362.07	0.0031	P	3.6
4	☐	50.000	49.044	242802.68	0.1727	P	2.2
5	☐	125.000	121.716	634294.42	0.4285	P	1.9
6	☐	250.000	247.712	1256173.04	0.8719	P	3.6
7	☐	500.000	500.951	2579926.47	1.7633	A	1.6
8	☐	1000.000	1000.555	4993299.16	3.5218	A	3.6
9	☐			677.82	0.0005	P	10.8

$$y = 0.0035 * x + 3.4821E-005$$

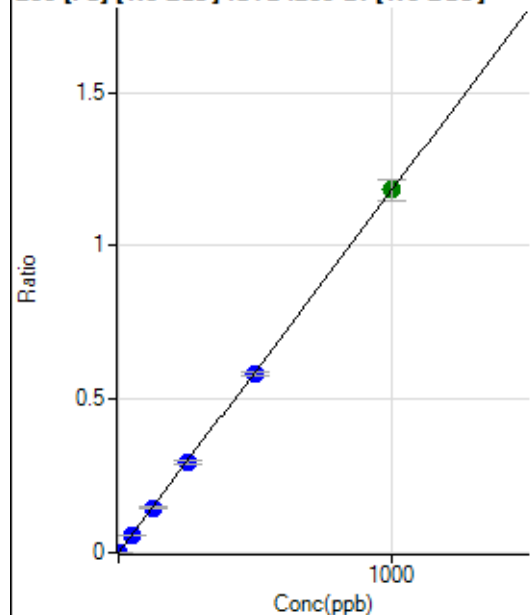
$$R = 1.0000$$

$$DL = 0.007955$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.8
2	☐	0.100					
3	☐	1.000	0.972	1670.54	0.0012	P	3.8
4	☐	50.000	49.598	82324.93	0.0585	P	1.6
5	☐	125.000	123.870	216306.35	0.1461	P	2.4
6	☐	250.000	251.336	427014.85	0.2964	P	4.4
7	☐	500.000	495.634	855227.61	0.5845	P	1.8
8	☐	1000.000	1002.010	1674460.21	1.1817	A	6.0
9	☐			2774.48	0.0022	P	15.5

$$y = 0.0012 * x + 4.9157E-005$$

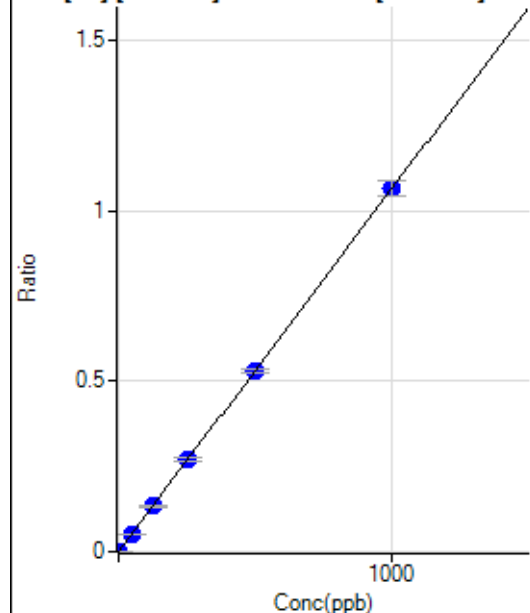
$$R = 1.0000$$

$$DL = 0.02732$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.74	0.0001	P	30.7
2	☐	0.100					
3	☐	1.000	0.917	1457.53	0.0010	P	4.1
4	☐	50.000	49.870	74738.19	0.0531	P	0.5
5	☐	125.000	124.600	196381.43	0.1327	P	2.0
6	☐	250.000	252.753	387540.30	0.2690	P	4.2
7	☐	500.000	497.499	774644.51	0.5295	P	1.8
8	☐	1000.000	1000.619	1509434.42	1.0649	P	4.4
9	☐			2298.43	0.0019	P	13.1

$$y = 0.0011 * x + 6.6923E-005$$

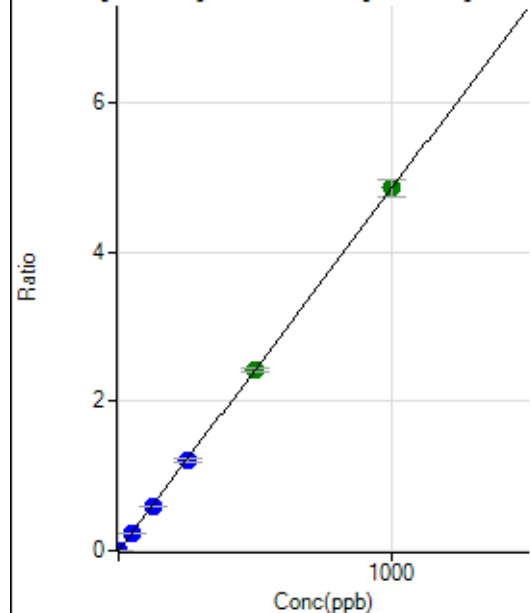
$$R = 1.0000$$

$$DL = 0.05799$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	351.87	0.0003	P	23.5
2	☐	0.100					
3	☐	1.000	0.901	6473.06	0.0046	P	1.9
4	☐	50.000	48.802	333432.22	0.2371	P	0.8
5	☐	125.000	122.066	877209.27	0.5926	P	2.4
6	☐	250.000	247.919	1733365.02	1.2033	P	4.2
7	☐	500.000	498.207	3537432.06	2.4179	A	1.9
8	☐	1000.000	1001.843	6891321.22	4.8618	A	4.6
9	☐			10457.59	0.0084	P	12.9

$$y = 0.0049 * x + 2.5947E-004$$

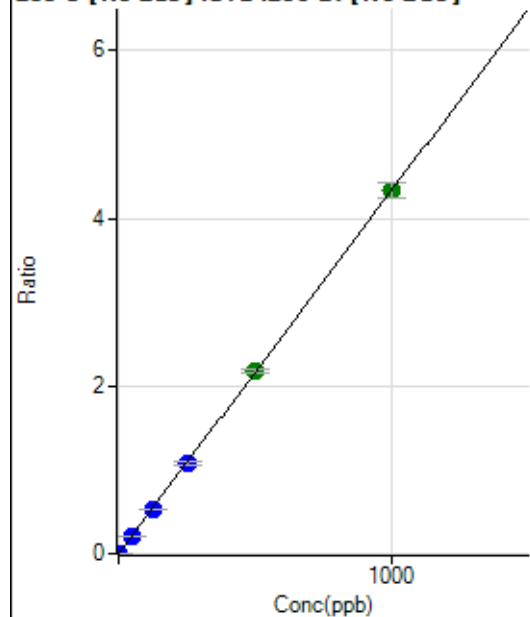
$$R = 1.0000$$

$$DL = 0.03769$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.6
2	☐	0.100					
3	☐	1.000	0.895	5426.42	0.0039	P	1.1
4	☐	50.000	48.120	293039.76	0.2084	P	1.4
5	☐	125.000	121.461	778571.06	0.5259	P	2.2
6	☐	250.000	247.753	1545437.22	1.0728	P	4.0
7	☐	500.000	503.682	3190688.24	2.1810	A	2.6
8	☐	1000.000	999.257	6133751.65	4.3268	A	4.2
9	☐			288.91	0.0002	P	35.4

$$y = 0.0043 * x + 8.1998E-006$$

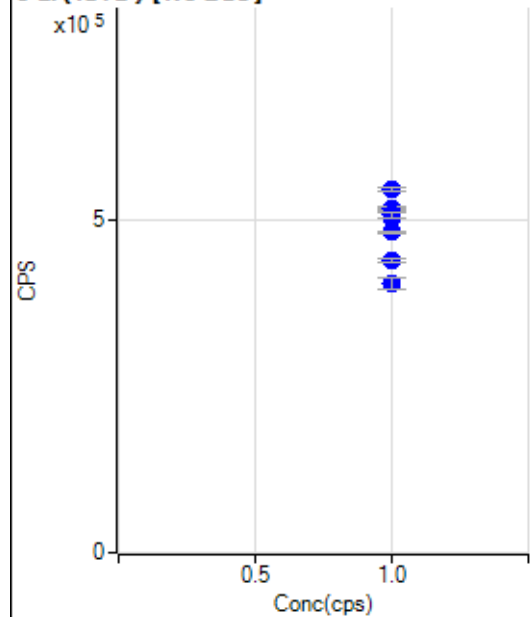
$$R = 1.0000$$

$$DL = 0.002477$$

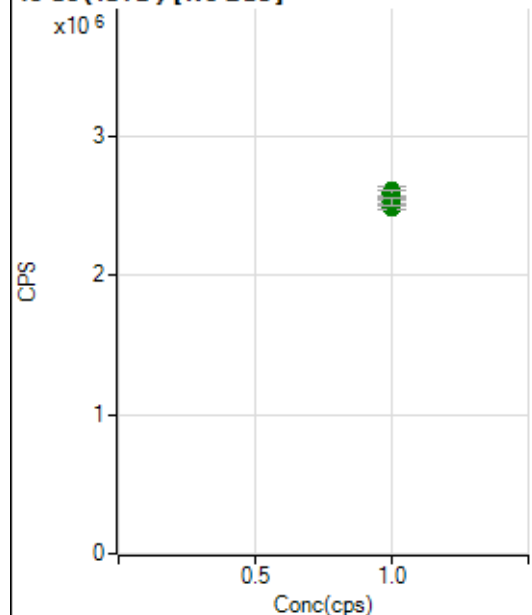
Weight: <None>

Min Conc: 0

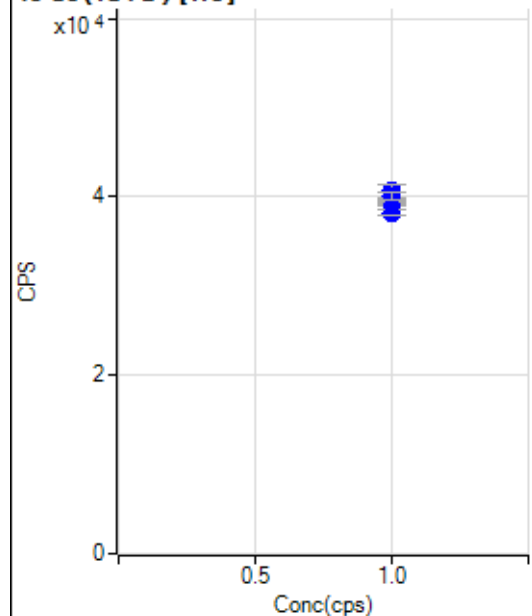
6 Li (ISTD) [No Gas]



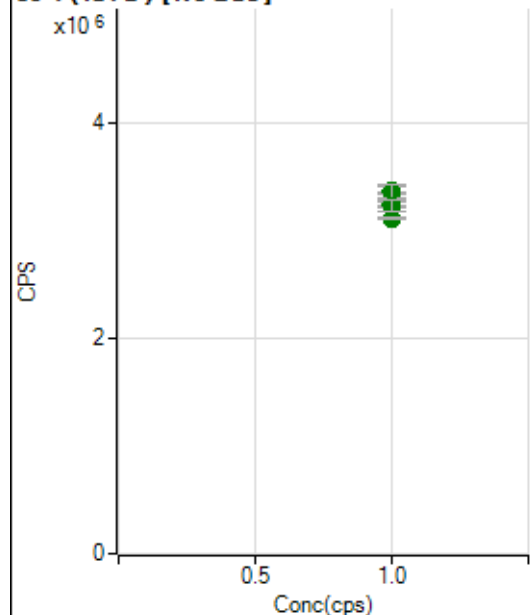
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		503305.69		P	0.3
2	☐	1.000					
3	☐	1.000		515557.44		P	0.3
4	☐	1.000		516386.70		P	1.0
5	☐	1.000		545097.84		P	1.0
6	☐	1.000		507633.13		P	2.0
7	☐	1.000		482030.82		P	0.6
8	☐	1.000		438504.98		P	1.4
9	☐	1.000		403466.07		P	4.3

45 Sc (ISTD) [No Gas]

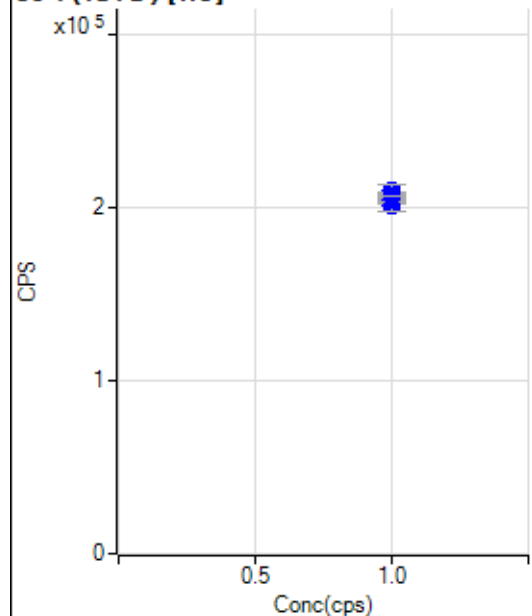
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2488967.52		A	0.6
2	☐	1.000					
3	☐	1.000		2537966.88		A	1.4
4	☐	1.000		2539048.04		A	1.3
5	☐	1.000		2608508.13		A	2.3
6	☐	1.000		2523583.71		A	3.8
7	☐	1.000		2594608.72		A	1.4
8	☐	1.000		2579354.92		A	2.7
9	☐	1.000		2527919.98		A	2.4

45 Sc (ISTD) [He]

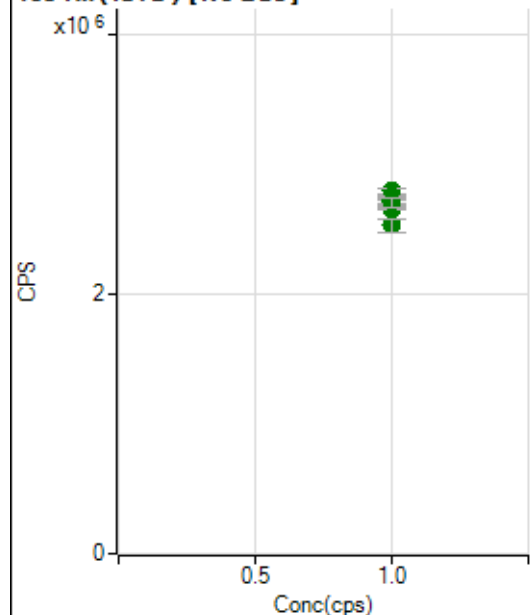
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38225.66		P	2.1
2	☐	1.000					
3	☐	1.000		39419.72		P	1.1
4	☐	1.000		38573.13		P	3.1
5	☐	1.000		39073.24		P	2.4
6	☐	1.000		39208.13		P	0.6
7	☐	1.000		39447.64		P	0.3
8	☐	1.000		40668.93		P	3.8
9	☐	1.000		40042.63		P	1.9

89 Y (ISTD) [No Gas]

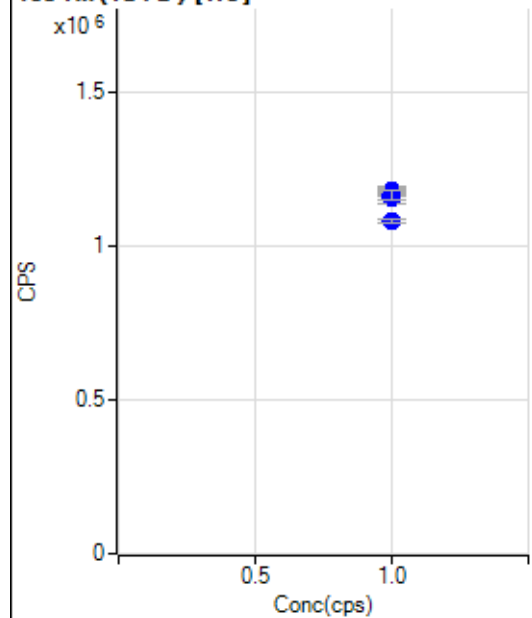
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3108485.82		A	0.6
2	☐	1.000					
3	☐	1.000		3236390.47		A	1.2
4	☐	1.000		3228715.61		A	1.6
5	☐	1.000		3330289.22		A	1.8
6	☐	1.000		3277761.30		A	3.0
7	☐	1.000		3363258.39		A	2.1
8	☐	1.000		3355256.48		A	3.8
9	☐	1.000		3226165.09		A	3.4

89 Y (ISTD) [He]

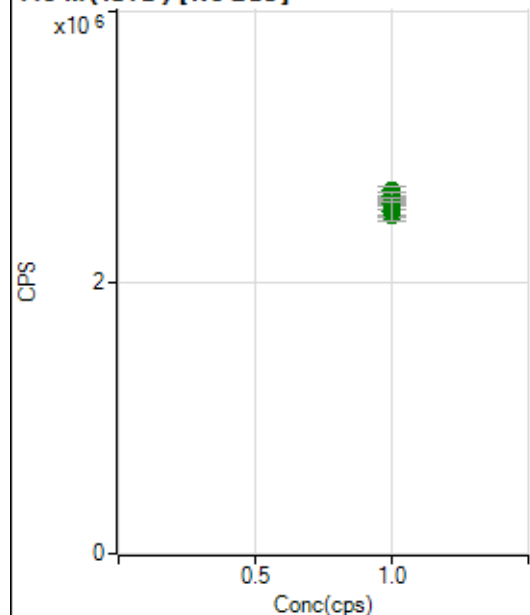
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		200519.97		P	2.8
2	☐	1.000					
3	☐	1.000		206093.63		P	1.8
4	☐	1.000		204625.53		P	1.9
5	☐	1.000		204773.57		P	1.9
6	☐	1.000		207171.92		P	1.7
7	☐	1.000		207280.99		P	0.2
8	☐	1.000		209515.95		P	3.4
9	☐	1.000		206473.97		P	0.3

103 Rh (ISTD) [No Gas]

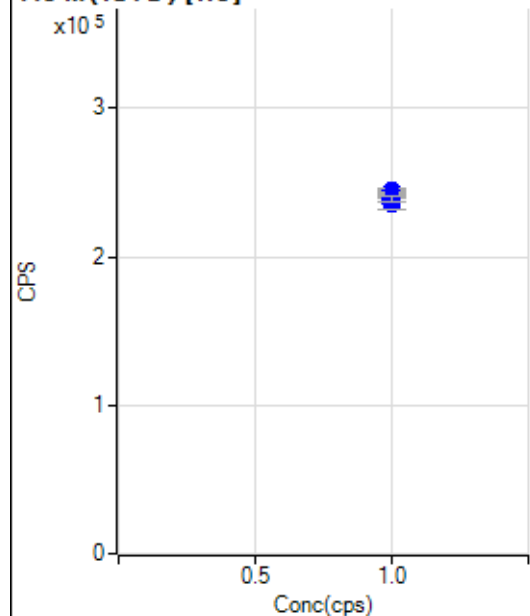
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2659674.19		A	0.5
2	☐	1.000					
3	☐	1.000		2738845.51		A	0.4
4	☐	1.000		2728485.37		A	1.7
5	☐	1.000		2799590.51		A	1.8
6	☐	1.000		2728900.30		A	3.7
7	☐	1.000		2755301.08		A	0.8
8	☐	1.000		2711342.86		A	3.0
9	☐	1.000		2534045.39		A	4.2

103 Rh (ISTD) [He]

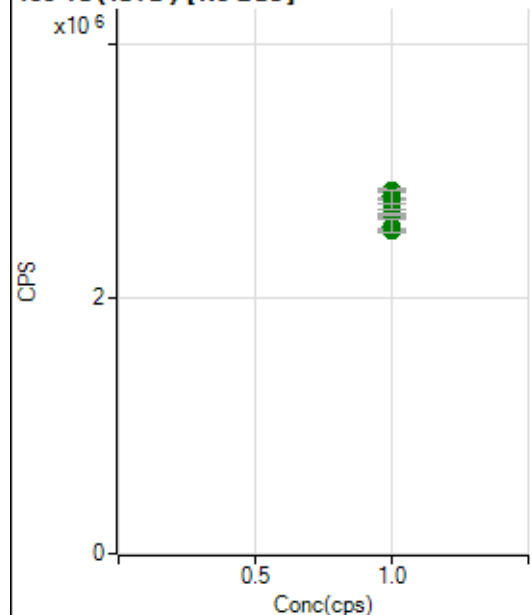
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1154596.09		P	2.7
2	☐	1.000					
3	☐	1.000		1177871.69		P	1.5
4	☐	1.000		1180266.89		P	2.2
5	☐	1.000		1177431.87		P	2.0
6	☐	1.000		1169830.58		P	1.4
7	☐	1.000		1170595.43		P	0.8
8	☐	1.000		1165945.36		P	2.5
9	☐	1.000		1082289.74		P	1.1

115 In (ISTD) [No Gas]

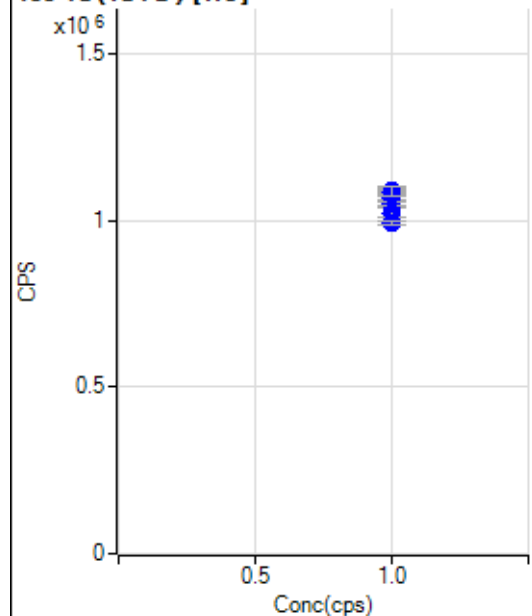
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2499120.28		A	0.6
2	☐	1.000					
3	☐	1.000		2595101.95		A	1.1
4	☐	1.000		2595802.26		A	1.7
5	☐	1.000		2680658.70		A	2.8
6	☐	1.000		2591674.86		A	4.0
7	☐	1.000		2638818.25		A	2.2
8	☐	1.000		2585736.01		A	2.9
9	☐	1.000		2528880.19		A	5.2

115 In (ISTD) [He]

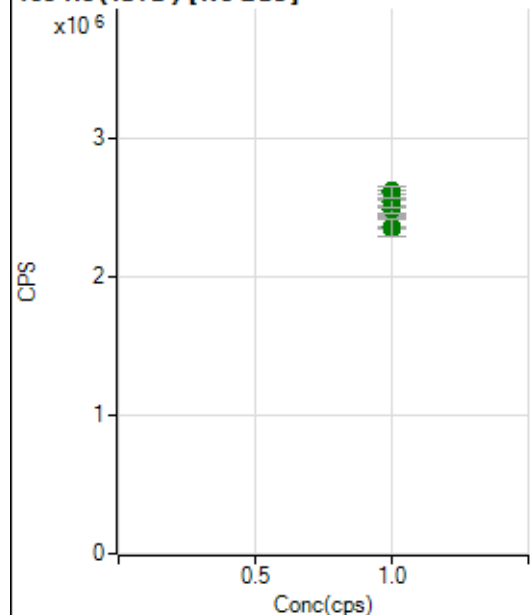
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		236220.19		P	3.4
2	☐	1.000					
3	☐	1.000		242172.06		P	2.2
4	☐	1.000		241989.50		P	2.6
5	☐	1.000		242512.51		P	2.5
6	☐	1.000		244276.26		P	1.0
7	☐	1.000		241960.06		P	0.7
8	☐	1.000		239383.05		P	2.4
9	☐	1.000		238606.13		P	1.5

159 Tb (ISTD) [No Gas]

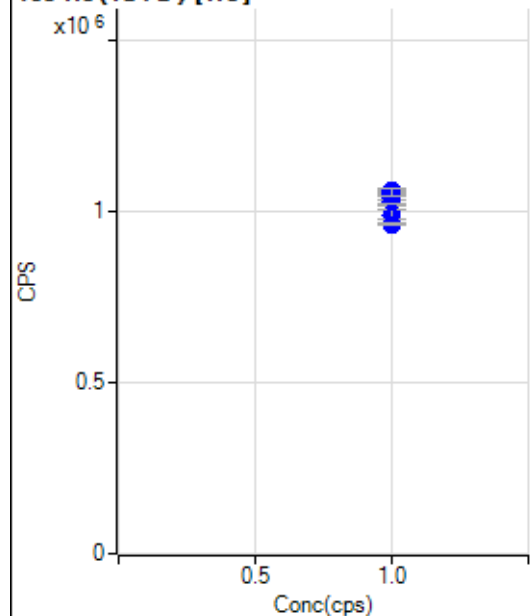
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2539319.06		A	0.5
2	☐	1.000					
3	☐	1.000		2657761.37		A	1.3
4	☐	1.000		2664341.21		A	0.9
5	☐	1.000		2808597.98		A	2.2
6	☐	1.000		2746287.22		A	3.7
7	☐	1.000		2846452.18		A	1.0
8	☐	1.000		2800659.58		A	3.6
9	☐	1.000		2572269.58		A	3.6

159 Tb (ISTD) [He]

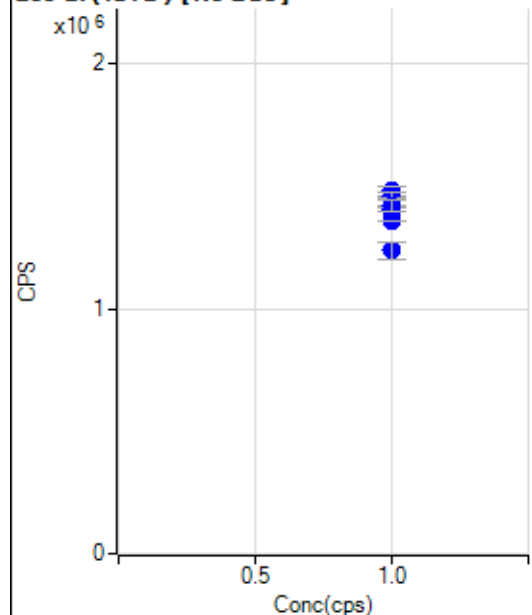
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1025680.28		P	2.4
2	☐	1.000					
3	☐	1.000		1052488.36		P	1.8
4	☐	1.000		1067893.48		P	1.9
5	☐	1.000		1084809.12		P	2.1
6	☐	1.000		1082152.67		P	0.7
7	☐	1.000		1090301.29		P	0.2
8	☐	1.000		1087393.26		P	2.5
9	☐	1.000		993323.36		P	1.1

165 Ho (ISTD) [No Gas]

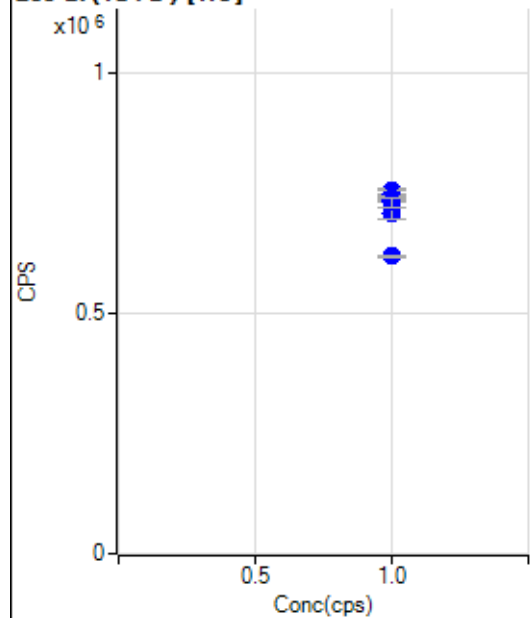
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2355097.77		A	0.3
2	☐	1.000					
3	☐	1.000		2441661.10		A	0.8
4	☐	1.000		2490097.17		A	2.7
5	☐	1.000		2598043.83		A	2.5
6	☐	1.000		2549236.62		A	3.6
7	☐	1.000		2623408.81		A	2.0
8	☐	1.000		2614027.49		A	3.0
9	☐	1.000		2358229.11		A	5.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		991164.77		P	2.7
2	☐	1.000					
3	☐	1.000		1026036.86		P	1.5
4	☐	1.000		1037968.71		P	2.6
5	☐	1.000		1052135.28		P	1.7
6	☐	1.000		1059903.38		P	1.0
7	☐	1.000		1059440.72		P	1.0
8	☐	1.000		1056781.35		P	2.5
9	☐	1.000		962465.60		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1355804.11		P	0.2
2	☐	1.000					
3	☐	1.000		1397303.31		P	0.4
4	☐	1.000		1406509.72		P	1.3
5	☐	1.000		1480821.77		P	2.3
6	☐	1.000		1441703.54		P	3.0
7	☐	1.000		1463378.50		P	1.8
8	☐	1.000		1418957.03		P	3.5
9	☐	1.000		1237227.48		P	5.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		710336.11		P	3.2
2	☐	1.000					
3	☐	1.000		735341.72		P	0.9
4	☐	1.000		738783.97		P	1.7
5	☐	1.000		755880.59		P	1.7
6	☐	1.000		750204.30		P	1.9
7	☐	1.000		742423.19		P	0.6
8	☐	1.000		731879.56		P	2.4
9	☐	1.000		619427.60		P	1.1

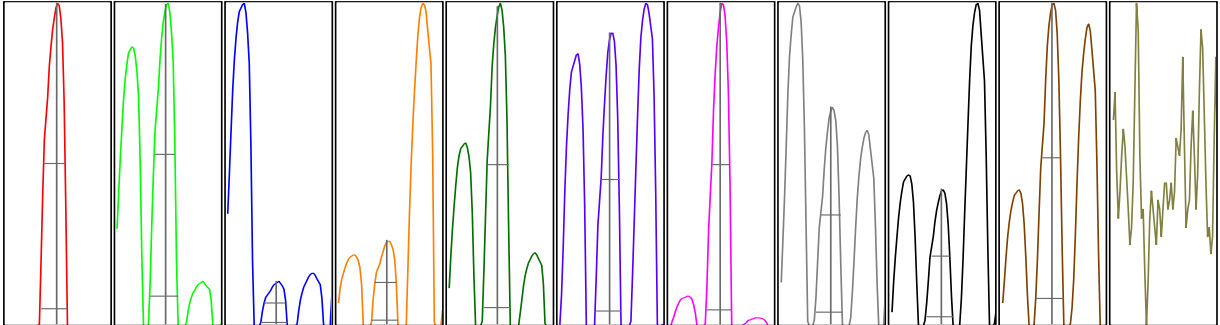
US EPA Tune Check Sample Report

Batch Folder D:\P8011719-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4242	0.90	5.00	
24	45514	1.10	5.00	
25	6273	0.89	5.00	
26	7723	0.41	5.00	
59	39399	0.89	5.00	
113	3712	0.54	5.00	
115	44911	0.66	5.00	
206	6527	1.19	5.00	
207	5957	1.12	5.00	
208	14129	1.09	5.00	
220	1	14.08		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4247	4208	4200	4263	4292
24	45439	45103	45173	45498	46358
25	6260	6252	6207	6288	6358
26	7715	7733	7674	7760	7733
59	39366	39015	39258	39387	39969
113	3726	3731	3682	3719	3700
115	44949	45332	45001	44718	44553
206	6502	6477	6442	6587	6628
207	5936	5863	5961	5979	6046
208	13997	14012	14102	14154	14378
220	2	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	7417	9.00	8.9 - 9.1		0.781	0.900	
24	80229	23.95	23.9 - 24.1		0.792	0.900	
25	10980	24.95	24.9 - 25.1		0.742	0.900	
26	13038	25.95	25.9 - 26.1		0.739	0.900	
59	70690	58.95	58.9 - 59.1		0.777	0.900	
113	7178	113.00	112.9 - 113.1		0.730	0.900	
115	87117	115.00	114.9 - 115.1		0.726	0.900	
206	12350	206.00	205.9 - 206.1		0.773	0.900	
207	11081	207.00	206.9 - 207.1		0.773	0.900	
208	26300	208.00	207.9 - 208.1		0.783	0.900	
220			-				

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	10.8	V	Deflect	15.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	7528	0.58	
89	4933	0.82	
205	5878	0.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7587	7545	7537	7473	7500
89	4988	4948	4940	4904	4884
205	5914	5886	5871	5814	5905

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	10.8	V	Deflect	3.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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 :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-1.85	2.15	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	0.04	-0.08	0.00	N/A	ppb
Boron	11-1	0.03	-0.03	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.10	0.10	-0.01	0.00	N/A	ppb
Cadmium	106-1	-1.32	1.29	0.03	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.07	0.07	0.00	N/A	ppb
Calcium	43-1	2.52	-0.94	-1.58	0.00	N/A	ppb
Calcium	44-1	2.20	-0.63	-1.57	0.00	N/A	ppb
Chromium	52-2	0.01	-0.03	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-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	0.15	-0.03	-0.12	0.00	N/A	ppb
Iron	57-2	0.07	-1.56	1.49	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.02	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.12	0.68	-0.80	0.00	N/A	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.81	-23.06	-23.90	-19.92		ppb
Potassium	39-2	1.14	4.33	-5.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.04	-1.04	2.08	0.00	N/A	ppb
Selenium	78-2	0.00	0.58	-0.57	0.00	N/A	ppb
Selenium	82-1	0.26	0.11	-0.37	0.00	N/A	ppb
Silicon	28-1	1.27	-0.24	-1.02	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	4.23	3.62	-7.85	0.00	N/A	ppb
Strontium	86-1	0.03	0.01	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	141.60	237.09	255.52	211.40	28.93	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.06	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	-0.12	0.05	0.00	N/A	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

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

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.02	18.48	18.42	19.31	7.69	ppb
Antimony	121-1	1.88	1.81	1.86	1.85	1.80	ppb
Arsenic	75-2	0.86	0.95	1.05	0.95	9.93	ppb
Barium	135-1	9.34	8.95	9.88	9.39	4.96	ppb
Barium	137-1	9.52	9.36	9.39	9.42	0.88	ppb
Beryllium	9-1	0.81	0.83	0.81	0.82	1.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	21.25	19.99	20.97	20.74	3.19	ppb
Boron	11-1	20.50	21.64	21.30	21.15	2.76	ppb
Cadmium	111-1	0.91	0.98	1.03	0.98	6.30	ppb
Cadmium	106-1	-0.10	1.09	0.69	0.56	107.87	ppb
Cadmium	108-1	1.13	0.56	0.90	0.86	33.36	ppb
Calcium	43-1	471.37	459.88	468.71	466.66	1.29	ppb
Calcium	44-1	455.44	441.90	460.36	452.57	2.11	ppb
Chromium	52-2	1.71	1.88	1.67	1.75	6.25	ppb
Cobalt	59-2	0.94	0.93	0.99	0.95	2.97	ppb
Copper	63-2	2.01	1.88	1.92	1.94	3.31	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				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	51.35	51.04	51.51	51.30	0.47	ppb
Iron	57-2	59.41	50.93	47.80	52.71	11.40	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.99	0.93	0.97	3.98	ppb
Lead	207-1	0.87	0.95	0.93	0.92	4.34	ppb
Lead	208-1	0.89	0.92	0.90	0.90	2.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	527.15	516.38	513.10	518.88	1.42	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.06	1.10	1.15	9.91	ppb
Molybdenum	94-1	4.60	4.45	4.60	4.55	1.86	ppb
Molybdenum	95-1	4.92	4.72	4.82	4.82	2.08	ppb
Molybdenum	96-1	4.68	4.58	4.86	4.71	3.05	ppb
Molybdenum	97-1	4.64	5.09	4.93	4.89	4.67	ppb
Molybdenum	98-1	4.78	4.78	5.08	4.88	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.04	1.13	1.06	6.15	ppb
Phosphorus	31-2	27.54	26.27	5.96	19.92	60.78	ppb
Potassium	39-2	461.47	432.99	431.82	442.10	3.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	2.12	-1.04	8.17	3.08	151.76	ppb
Selenium	78-2	5.86	3.18	3.58	4.21	34.36	ppb
Selenium	82-1	5.21	5.45	5.88	5.51	6.20	ppb
Silicon	28-1	8.20	5.62	8.15	7.32	20.13	ppb
Silver	109-1	0.88	1.01	1.04	0.97	8.77	ppb
Silver	107-1	0.97	0.96	0.88	0.94	5.44	ppb
Sodium	23-2	491.97	492.19	466.06	483.41	3.11	ppb
Strontium	86-1	0.80	0.88	0.94	0.87	8.58	ppb
Strontium	88-1	0.94	0.92	0.96	0.94	2.06	ppb
Sulfur	34-1	-38.60	-526.48	-69.13	-211.40		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.85	0.87	0.85	0.86	1.40	ppb
Thallium	205-1	0.87	0.91	0.85	0.88	3.66	ppb
Tin	118-1	4.80	4.72	4.82	4.78	1.08	ppb
Titanium	47-1	4.52	4.67	5.23	4.81	7.86	ppb
Uranium	238-1	0.90	0.88	0.90	0.90	1.13	ppb
Vanadium	51-2	5.09	4.93	5.00	5.01	1.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2.16	1.66	2.25	2.02	15.71	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.86	0.95	0.91	4.87	ppb
Zirconium	91-1	0.87	0.94	0.93	0.91	3.89	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 11:42:10 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.79	1052.28	1037.93	1035.67	1.72	ppb
Antimony	121-1	49.50	49.09	49.20	49.26	0.43	ppb
Arsenic	75-2	49.09	50.27	50.54	49.97	1.54	ppb
Barium	135-1	249.36	251.25	251.03	250.55	0.41	ppb
Barium	137-1	253.82	251.07	255.24	253.38	0.84	ppb
Beryllium	9-1	47.54	48.11	49.25	48.30	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	47.80	46.22	45.90	46.64	2.18	ppb
Boron	11-1	44.92	48.15	49.61	47.56	5.05	ppb
Cadmium	111-1	50.07	51.81	52.80	51.56	2.68	ppb
Cadmium	106-1	47.78	51.53	53.07	50.79	5.35	ppb
Cadmium	108-1	53.64	50.35	52.70	52.23	3.25	ppb
Calcium	43-1	5025.40	4984.79	5131.80	5047.33	1.50	ppb
Calcium	44-1	5110.24	5031.81	5099.85	5080.63	0.84	ppb
Chromium	52-2	52.47	54.38	51.46	52.77	2.81	ppb
Cobalt	59-2	51.41	53.68	51.05	52.05	2.74	ppb
Copper	63-2	104.92	109.73	104.63	106.43	2.69	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				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2658.35	2765.71	2658.80	2694.28	2.30	ppb
Iron	57-2	2579.52	2710.86	2567.58	2619.32	3.04	ppb
Krypton	83-1						cps
Lead	206-1	48.75	49.70	50.34	49.60	1.62	ppb
Lead	207-1	50.06	49.98	49.57	49.87	0.53	ppb
Lead	208-1	48.56	48.61	49.23	48.80	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	5795.78	6049.02	5762.05	5868.95	2.67	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:42:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.27	109.40	103.69	105.12	3.59	ppb
Molybdenum	94-1	248.41	253.52	253.93	251.95	1.22	ppb
Molybdenum	95-1	244.14	250.29	249.35	247.92	1.34	ppb
Molybdenum	96-1	243.81	250.04	250.21	248.02	1.47	ppb
Molybdenum	97-1	248.50	254.25	254.72	252.49	1.37	ppb
Molybdenum	98-1	246.35	253.59	253.26	251.07	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.37	55.01	52.88	53.42	2.62	ppb
Phosphorus	31-2	1162.77	1030.50	1078.90	1090.72	6.14	ppb
Potassium	39-2	2514.24	2641.69	2519.37	2558.44	2.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	60.97	50.50	49.29	53.59	11.98	ppb
Selenium	78-2	59.24	49.61	46.82	51.89	12.56	ppb
Selenium	82-1	51.99	49.78	52.47	51.41	2.80	ppb
Silicon	28-1	55.12	58.16	61.66	58.32	5.61	ppb
Silver	109-1	51.26	51.40	52.32	51.66	1.12	ppb
Silver	107-1	50.96	51.07	51.76	51.26	0.85	ppb
Sodium	23-2	5281.53	5562.93	5295.12	5379.86	2.95	ppb
Strontium	86-1	50.55	51.08	50.27	50.64	0.81	ppb
Strontium	88-1	49.62	50.67	50.43	50.24	1.10	ppb
Sulfur	34-1	1431.95	972.45	1773.74	1392.71	28.87	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	48.19	50.36	49.31	49.29	2.20	ppb
Thallium	205-1	47.85	49.32	49.96	49.04	2.20	ppb
Tin	118-1	50.65	50.38	50.78	50.61	0.40	ppb
Titanium	47-1	247.50	248.20	251.32	249.01	0.82	ppb
Uranium	238-1	47.47	48.06	48.83	48.12	1.42	ppb
Vanadium	51-2	52.08	52.40	51.64	52.04	0.73	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	103.40	109.59	103.19	105.39	3.45	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:42:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.11	50.94	50.34	50.13	1.86	ppb
Zirconium	91-1	49.07	49.38	49.41	49.29	0.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2443.45	2575.72	2655.20	2558.12	4.18	ppb
Antimony	121-1	124.86	119.31	121.56	121.91	2.29	ppb
Arsenic	75-2	123.61	126.60	129.68	126.63	2.40	ppb
Barium	135-1	623.71	603.50	609.60	612.27	1.69	ppb
Barium	137-1	639.72	615.50	621.27	625.50	2.02	ppb
Beryllium	9-1	120.29	117.48	118.71	118.83	1.18	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	113.69	113.31	112.33	113.11	0.62	ppb
Boron	11-1	113.65	114.56	113.43	113.88	0.52	ppb
Cadmium	111-1	130.25	123.33	126.94	126.84	2.73	ppb
Cadmium	106-1	134.60	127.19	133.62	131.80	3.05	ppb
Cadmium	108-1	127.96	124.23	128.87	127.02	1.94	ppb
Calcium	43-1	12586.12	12031.02	12275.59	12297.58	2.26	ppb
Calcium	44-1	12821.87	12246.33	12655.91	12574.70	2.36	ppb
Chromium	52-2	127.42	129.52	136.12	131.02	3.47	ppb
Cobalt	59-2	126.86	128.54	131.78	129.06	1.94	ppb
Copper	63-2	257.44	265.07	266.34	262.95	1.83	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				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	6426.38	6703.81	6745.85	6625.35	2.62	ppb
Iron	57-2	6403.01	6470.11	6709.96	6527.70	2.47	ppb
Krypton	83-1						cps
Lead	206-1	125.93	120.41	125.27	123.87	2.43	ppb
Lead	207-1	126.84	121.97	124.99	124.60	1.97	ppb
Lead	208-1	125.01	119.09	122.10	122.07	2.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	14079.48	14441.06	14854.84	14458.46	2.68	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.60	261.31	268.48	262.46	2.11	ppb
Molybdenum	94-1	633.96	616.05	628.85	626.29	1.47	ppb
Molybdenum	95-1	623.99	605.41	617.65	615.68	1.53	ppb
Molybdenum	96-1	627.32	601.25	619.62	616.06	2.17	ppb
Molybdenum	97-1	631.46	618.48	630.21	626.72	1.14	ppb
Molybdenum	98-1	637.43	615.53	639.89	630.95	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.09	133.70	135.90	133.23	2.20	ppb
Phosphorus	31-2	2355.25	2803.32	2704.91	2621.16	8.98	ppb
Potassium	39-2	6216.37	6316.95	6493.93	6342.42	2.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	94.70	179.45	127.22	133.79	31.96	ppb
Selenium	78-2	117.55	136.09	144.34	132.66	10.34	ppb
Selenium	82-1	129.52	122.01	127.93	126.48	3.13	ppb
Silicon	28-1	154.41	153.53	156.81	154.91	1.09	ppb
Silver	109-1	128.68	122.55	127.04	126.09	2.52	ppb
Silver	107-1	127.58	121.89	124.78	124.75	2.28	ppb
Sodium	23-2	13506.69	13522.55	13841.63	13623.62	1.39	ppb
Strontium	86-1	128.83	121.38	125.07	125.09	2.98	ppb
Strontium	88-1	127.79	123.40	125.33	125.51	1.75	ppb
Sulfur	34-1	3369.59	1835.51	2840.71	2681.94	29.06	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	121.77	118.90	123.42	121.37	1.88	ppb
Thallium	205-1	122.52	119.06	123.57	121.72	1.94	ppb
Tin	118-1	125.28	120.46	125.66	123.80	2.34	ppb
Titanium	47-1	631.79	598.69	618.29	616.26	2.70	ppb
Uranium	238-1	122.89	118.40	123.09	121.46	2.18	ppb
Vanadium	51-2	126.66	129.16	132.49	129.44	2.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	260.02	264.35	274.09	266.15	2.71	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.93	121.19	124.63	124.58	2.70	ppb
Zirconium	91-1	123.78	119.38	123.89	122.35	2.10	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:49:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5002.56	5173.87	5030.31	5068.91	1.81	ppb
Antimony	121-1	256.32	253.44	237.42	249.06	4.09	ppb
Arsenic	75-2	256.04	248.23	251.02	251.76	1.57	ppb
Barium	135-1	1290.23	1273.61	1187.11	1250.32	4.43	ppb
Barium	137-1	1319.27	1303.20	1211.26	1277.91	4.56	ppb
Beryllium	9-1	246.96	246.65	234.66	242.76	2.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	241.54	237.93	235.30	238.26	1.32	ppb
Boron	11-1	243.65	243.60	234.18	240.48	2.27	ppb
Cadmium	111-1	267.35	261.80	243.53	257.56	4.84	ppb
Cadmium	106-1	277.36	257.26	241.49	258.71	6.95	ppb
Cadmium	108-1	271.64	262.22	246.19	260.02	4.95	ppb
Calcium	43-1	25691.42	25889.05	24081.20	25220.56	3.93	ppb
Calcium	44-1	25901.46	26114.13	23996.05	25337.21	4.60	ppb
Chromium	52-2	256.54	260.84	258.28	258.55	0.84	ppb
Cobalt	59-2	254.11	254.96	253.33	254.13	0.32	ppb
Copper	63-2	515.70	519.01	521.50	518.73	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	13001.50	13166.90	13049.06	13072.48	0.65	ppb
Iron	57-2	12833.45	12962.19	12874.31	12889.98	0.51	ppb
Krypton	83-1						cps
Lead	206-1	258.46	256.88	238.66	251.34	4.38	ppb
Lead	207-1	258.86	258.91	240.49	252.75	4.20	ppb
Lead	208-1	254.82	253.07	235.87	247.92	4.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	28032.02	28586.37	28396.75	28338.38	0.99	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:49:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.15	523.80	516.88	517.94	1.04	ppb
Molybdenum	94-1	1320.66	1304.93	1235.73	1287.10	3.51	ppb
Molybdenum	95-1	1328.08	1314.69	1240.89	1294.56	3.63	ppb
Molybdenum	96-1	1309.09	1293.46	1231.73	1278.09	3.20	ppb
Molybdenum	97-1	1321.12	1302.92	1221.87	1281.97	4.12	ppb
Molybdenum	98-1	1305.95	1301.64	1241.87	1283.15	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.13	262.70	261.45	261.76	0.32	ppb
Phosphorus	31-2	5327.96	5272.61	4965.66	5188.74	3.76	ppb
Potassium	39-2	12348.96	12709.49	12395.64	12484.69	1.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	173.57	284.73	256.87	238.39	24.26	ppb
Selenium	78-2	240.15	242.83	251.45	244.81	2.41	ppb
Selenium	82-1	261.55	256.51	250.96	256.34	2.07	ppb
Silicon	28-1	298.27	302.28	271.77	290.77	5.70	ppb
Silver	109-1	264.52	257.17	244.25	255.31	4.02	ppb
Silver	107-1	264.51	256.76	240.81	254.03	4.76	ppb
Sodium	23-2	26467.69	26826.50	26688.20	26660.79	0.68	ppb
Strontium	86-1	258.98	258.68	243.85	253.84	3.41	ppb
Strontium	88-1	264.54	262.38	245.92	257.61	3.95	ppb
Sulfur	34-1	6835.69	6548.60	3850.05	5744.78	28.67	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	255.25	252.76	237.80	248.60	3.80	ppb
Thallium	205-1	253.16	252.68	237.29	247.71	3.64	ppb
Tin	118-1	260.61	257.45	238.44	252.17	4.75	ppb
Titanium	47-1	1290.10	1300.95	1189.82	1260.29	4.86	ppb
Uranium	238-1	256.75	249.48	237.03	247.75	4.02	ppb
Vanadium	51-2	256.42	259.19	256.42	257.34	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	529.25	527.20	517.71	524.72	1.17	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:49:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	266.47	261.49	245.81	257.92	4.18	ppb
Zirconium	91-1	254.63	251.44	234.48	246.85	4.39	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9902.68	10009.73	9844.81	9919.07	0.84	ppb
Antimony	121-1	512.22	497.33	492.22	500.59	2.07	ppb
Arsenic	75-2	505.12	501.34	501.34	502.60	0.43	ppb
Barium	135-1	2511.49	2482.42	2427.51	2473.81	1.72	ppb
Barium	137-1	2521.13	2495.77	2478.73	2498.54	0.85	ppb
Beryllium	9-1	494.91	494.59	487.92	492.47	0.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	471.64	489.58	497.22	486.15	2.70	ppb
Boron	11-1	484.33	487.88	487.09	486.43	0.38	ppb
Cadmium	111-1	501.93	496.83	493.77	497.51	0.83	ppb
Cadmium	106-1	503.79	503.94	493.83	500.52	1.16	ppb
Cadmium	108-1	495.67	492.85	505.21	497.91	1.30	ppb
Calcium	43-1	50085.60	49208.88	48255.72	49183.40	1.86	ppb
Calcium	44-1	49835.55	49340.53	48758.75	49311.61	1.09	ppb
Chromium	52-2	515.88	512.25	507.09	511.74	0.86	ppb
Cobalt	59-2	504.08	506.97	497.81	502.95	0.93	ppb
Copper	63-2	1023.57	1020.20	1009.71	1017.82	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				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25956.85	26039.08	25543.01	25846.31	1.03	ppb
Iron	57-2	25800.24	25683.02	25456.02	25646.43	0.68	ppb
Krypton	83-1						cps
Lead	206-1	501.51	500.33	485.07	495.63	1.85	ppb
Lead	207-1	505.23	499.92	487.35	497.50	1.85	ppb
Lead	208-1	506.01	501.14	487.47	498.21	1.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	56906.92	55633.63	55226.41	55922.32	1.57	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1031.53	1021.67	1003.28	1018.83	1.41	ppb
Molybdenum	94-1	2556.13	2510.89	2451.99	2506.34	2.08	ppb
Molybdenum	95-1	2574.98	2524.59	2427.43	2509.00	2.99	ppb
Molybdenum	96-1	2567.86	2541.29	2427.32	2512.16	2.97	ppb
Molybdenum	97-1	2602.49	2562.73	2453.59	2539.60	3.04	ppb
Molybdenum	98-1	2547.30	2542.30	2407.11	2498.90	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.29	513.79	510.85	514.31	0.73	ppb
Phosphorus	31-2	9752.61	9858.52	10260.44	9957.19	2.69	ppb
Potassium	39-2	24711.55	24643.93	24247.82	24534.43	1.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	486.10	477.94	512.36	492.13	3.66	ppb
Selenium	78-2	504.69	506.37	481.82	497.63	2.76	ppb
Selenium	82-1	512.95	507.70	480.71	500.45	3.46	ppb
Silicon	28-1	557.58	556.96	540.89	551.81	1.71	ppb
Silver	109-1	504.88	503.02	497.34	501.75	0.78	ppb
Silver	107-1	505.09	502.98	500.04	502.70	0.50	ppb
Sodium	23-2	51637.84	51348.52	50904.31	51296.89	0.72	ppb
Strontium	86-1	509.98	498.88	486.73	498.53	2.33	ppb
Strontium	88-1	509.94	510.12	489.97	503.34	2.30	ppb
Sulfur	34-1	9827.75	8580.73	7755.27	8721.25	11.96	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	497.69	493.60	480.53	490.60	1.83	ppb
Thallium	205-1	505.75	505.12	491.98	500.95	1.55	ppb
Tin	118-1	503.22	493.29	485.33	493.95	1.81	ppb
Titanium	47-1	2559.97	2534.96	2471.76	2522.23	1.80	ppb
Uranium	238-1	511.16	511.59	488.30	503.68	2.65	ppb
Vanadium	51-2	513.93	510.37	500.61	508.30	1.36	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	1035.72	1023.97	1034.96	1031.55	0.64	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.45	502.39	491.45	501.10	1.81	ppb
Zirconium	91-1	491.35	489.11	476.16	485.54	1.69	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19610.87	19165.39	18256.74	19011.00	3.63	ppb
Antimony	121-1	1049.66	970.74	980.68	1000.36	4.30	ppb
Arsenic	75-2	1013.63	1020.22	960.31	998.06	3.29	ppb
Barium	135-1	5290.18	4830.47	4923.10	5014.58	4.85	ppb
Barium	137-1	5263.34	4837.45	4879.78	4993.52	4.70	ppb
Beryllium	9-1	1035.46	983.17	1000.67	1006.43	2.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	1016.78	1000.83	1017.26	1011.62	0.92	ppb
Boron	11-1	1021.76	999.42	1011.14	1010.77	1.11	ppb
Cadmium	111-1	1057.11	964.99	975.04	999.05	5.06	ppb
Cadmium	106-1	1041.63	966.01	982.37	996.67	3.99	ppb
Cadmium	108-1	1037.99	959.53	997.01	998.18	3.93	ppb
Calcium	43-1	103013.66	98658.73	98133.19	99935.19	2.68	ppb
Calcium	44-1	102003.70	96601.12	97997.79	98867.54	2.84	ppb
Chromium	52-2	1021.85	1004.93	946.52	991.10	3.99	ppb
Cobalt	59-2	1025.94	1010.75	953.95	996.88	3.81	ppb
Copper	63-2	2024.22	2031.03	1898.14	1984.46	3.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	51241.46	50407.63	48006.35	49885.14	3.37	ppb
Iron	57-2	50932.29	50164.01	47866.56	49654.28	3.21	ppb
Krypton	83-1						cps
Lead	206-1	1070.54	961.25	974.24	1002.01	5.96	ppb
Lead	207-1	1051.39	971.38	979.09	1000.62	4.41	ppb
Lead	208-1	1054.81	971.34	979.39	1001.84	4.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	106760.02	106420.13	99998.82	104392.99	3.65	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2037.37	2009.72	1905.77	1984.29	3.50	ppb
Molybdenum	94-1	5221.54	4858.53	4881.82	4987.30	4.07	ppb
Molybdenum	95-1	5210.45	4797.06	4949.38	4985.63	4.19	ppb
Molybdenum	96-1	5222.38	4824.69	4917.28	4988.11	4.17	ppb
Molybdenum	97-1	5267.77	4764.22	4883.60	4971.87	5.29	ppb
Molybdenum	98-1	5226.05	4810.23	4938.11	4991.46	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1018.09	1003.96	944.06	988.71	3.98	ppb
Phosphorus	31-2	20318.14	20349.33	19196.15	19954.54	3.29	ppb
Potassium	39-2	50116.09	49550.36	47175.29	48947.25	3.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	1023.22	1086.82	906.67	1005.57	9.09	ppb
Selenium	78-2	1003.57	1000.67	1000.06	1001.44	0.19	ppb
Selenium	82-1	1042.48	973.07	978.24	997.93	3.87	ppb
Silicon	28-1	983.15	952.45	943.72	959.78	2.16	ppb
Silver	109-1	1050.37	969.32	973.04	997.58	4.59	ppb
Silver	107-1	1046.29	967.80	978.75	997.61	4.26	ppb
Sodium	23-2	100783.75	99295.91	93482.93	97854.20	3.94	ppb
Strontium	86-1	1051.37	970.42	977.41	999.73	4.49	ppb
Strontium	88-1	1040.15	966.06	982.84	996.35	3.90	ppb
Sulfur	34-1	22400.84	19416.85	19414.72	20410.80	8.44	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	1046.36	983.66	986.59	1005.54	3.52	ppb
Thallium	205-1	1041.69	983.63	976.34	1000.55	3.58	ppb
Tin	118-1	1046.92	968.44	992.45	1002.61	4.01	ppb
Titanium	47-1	5194.67	4863.10	4904.59	4987.45	3.62	ppb
Uranium	238-1	1047.67	976.82	973.28	999.26	4.20	ppb
Vanadium	51-2	1026.89	998.97	954.22	993.36	3.69	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	2036.69	2003.16	1887.43	1975.76	3.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1050.14	964.52	977.89	997.52	4.62	ppb
Zirconium	91-1	1064.83	972.57	987.76	1008.39	4.91	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:00:55	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102830.41	99602.13	98169.37	100200.64	2.38	ppb
Antimony	121-1	1.45	1.50	1.53	1.49	2.94	ppb
Arsenic	75-2	1.63	1.34	1.59	1.52	10.66	ppb
Barium	135-1	0.77	0.75	0.57	0.70	15.52	ppb
Barium	137-1	0.71	0.55	0.72	0.66	14.16	ppb
Beryllium	9-1	0.13	0.06	0.05	0.08	51.14	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	17.42	15.98	17.14	16.85	4.54	ppb
Boron	11-1	18.40	16.68	16.67	17.25	5.76	ppb
Cadmium	111-1	0.19	0.16	0.11	0.15	28.33	ppb
Cadmium	106-1	0.50	0.84	0.08	0.48	80.30	ppb
Cadmium	108-1	0.24	0.07	0.14	0.15	60.42	ppb
Calcium	43-1	491011.26	504052.13	505201.25	500088.21	1.58	ppb
Calcium	44-1	488803.31	500332.03	511692.19	500275.84	2.29	ppb
Chromium	52-2	9.16	8.68	8.24	8.69	5.32	ppb
Cobalt	59-2	12.12	11.76	11.57	11.81	2.36	ppb
Copper	63-2	2.73	2.64	2.62	2.66	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				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	259707.41	246721.50	243266.25	249898.39	3.47	ppb
Iron	57-2	257864.69	246150.36	245915.55	249976.87	2.73	ppb
Krypton	83-1						cps
Lead	206-1	2.12	1.89	1.54	1.85	15.88	ppb
Lead	207-1	1.84	1.77	1.42	1.68	13.56	ppb
Lead	208-1	1.90	1.69	1.45	1.68	13.32	ppb
Lithium	6-1				80		%
Magnesium	24-2	509841.76	498548.54	486523.44	498304.58	2.34	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:00:55	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.32	8.97	9.87	9.72	7.08	ppb
Molybdenum	94-1	2.37	2.19	2.34	2.30	4.22	ppb
Molybdenum	95-1	2.60	2.50	2.55	2.55	1.88	ppb
Molybdenum	96-1	2.84	2.88	2.68	2.80	3.71	ppb
Molybdenum	97-1	2.83	2.70	2.75	2.76	2.32	ppb
Molybdenum	98-1	2.64	2.55	2.52	2.57	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.19	13.52	13.62	13.78	2.65	ppb
Phosphorus	31-2	-34.16	-4.55	24.31	-4.80		ppb
Potassium	39-2	256091.77	248325.79	246347.72	250255.09	2.06	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	5.24	-1.04	-1.04	1.05	344.48	ppb
Selenium	78-2	-0.04	-0.04	-0.05	-0.04		ppb
Selenium	82-1	0.49	0.56	1.46	0.83	64.52	ppb
Silicon	28-1	15.63	20.63	19.18	18.48	13.91	ppb
Silver	109-1	0.32	0.23	0.23	0.26	19.46	ppb
Silver	107-1	0.29	0.30	0.26	0.28	7.80	ppb
Sodium	23-2	514446.36	499937.43	486169.89	500184.56	2.83	ppb
Strontium	86-1	4.13	3.90	4.35	4.13	5.46	ppb
Strontium	88-1	3.99	4.23	4.26	4.16	3.62	ppb
Sulfur	34-1	-6976.61	-5973.01	-5945.52	-6298.38		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.20	0.13	0.16	0.16	19.02	ppb
Thallium	205-1	0.13	0.17	0.14	0.15	11.55	ppb
Tin	118-1	0.92	0.90	0.93	0.91	1.48	ppb
Titanium	47-1	4.13	0.86	1.03	2.00	91.69	ppb
Uranium	238-1	0.07	0.05	0.03	0.05	36.69	ppb
Vanadium	51-2	0.15	0.18	0.22	0.18	17.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	19.59	19.66	19.18	19.48	1.33	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:00:55	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.23	0.25	0.24	3.93	ppb
Zirconium	91-1	0.23	0.19	0.21	0.21	8.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	596.54	534.43	521.02	550.67	7.32	ppb
Antimony	121-1	197.67	201.30	192.24	197.07	2.31	ppb
Arsenic	75-2	218.17	190.16	199.84	202.72	7.02	ppb
Barium	135-1	100.63	102.23	96.49	99.78	2.97	ppb
Barium	137-1	101.20	102.67	98.93	100.93	1.87	ppb
Beryllium	9-1	105.59	105.90	102.02	104.50	2.06	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	6.70	6.71	6.12	6.51	5.16	ppb
Boron	11-1	6.08	6.96	5.98	6.34	8.54	ppb
Cadmium	111-1	104.13	105.51	101.82	103.82	1.80	ppb
Cadmium	106-1	90.01	98.62	90.16	92.93	5.30	ppb
Cadmium	108-1	93.42	101.42	92.61	95.82	5.08	ppb
Calcium	43-1	1941.44	1975.40	1852.96	1923.27	3.29	ppb
Calcium	44-1	1990.78	1975.33	1911.91	1959.34	2.13	ppb
Chromium	52-2	108.99	97.87	99.37	102.08	5.92	ppb
Cobalt	59-2	110.47	97.86	101.14	103.16	6.34	ppb
Copper	63-2	113.12	102.07	102.54	105.91	5.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	1133.78	1008.35	1034.86	1059.00	6.24	ppb
Iron	57-2	1104.14	1012.48	1018.59	1045.07	4.90	ppb
Krypton	83-1						cps
Lead	206-1	197.78	198.42	192.56	196.25	1.64	ppb
Lead	207-1	192.97	192.17	185.05	190.06	2.29	ppb
Lead	208-1	192.08	190.79	185.38	189.42	1.88	ppb
Lithium	6-1				69		%
Magnesium	24-2	1351.63	1201.61	1253.36	1268.86	6.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	110.37	97.39	100.89	102.88	6.53	ppb
Molybdenum	94-1	0.06	0.11	0.11	0.09	32.97	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	9.37	ppb
Molybdenum	96-1	0.13	0.09	0.15	0.12	26.35	ppb
Molybdenum	97-1	0.16	0.13	0.12	0.14	16.43	ppb
Molybdenum	98-1	0.10	0.06	0.08	0.08	25.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.56	100.85	105.05	106.49	6.08	ppb
Phosphorus	31-2	-33.17	-24.18	-23.64	-27.00		ppb
Potassium	39-2	2266.02	2031.25	2088.97	2128.75	5.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	175.24	180.36	161.19	172.26	5.76	ppb
Selenium	78-2	212.52	176.86	187.26	192.21	9.54	ppb
Selenium	82-1	198.56	201.43	195.23	198.41	1.56	ppb
Silicon	28-1	-21.77	-21.51	-24.02	-22.43		ppb
Silver	109-1	106.31	105.45	102.04	104.60	2.16	ppb
Silver	107-1	104.33	106.50	102.29	104.37	2.01	ppb
Sodium	23-2	2311.82	2062.54	2182.88	2185.75	5.70	ppb
Strontium	86-1	2.57	2.40	2.15	2.37	9.04	ppb
Strontium	88-1	2.27	2.32	2.17	2.25	3.49	ppb
Sulfur	34-1	-7622.44	-7932.68	-8248.18	-7934.43		ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	200.17	198.22	188.68	195.69	3.14	ppb
Thallium	205-1	195.77	199.56	190.34	195.22	2.37	ppb
Tin	118-1	0.18	0.15	0.16	0.17	9.70	ppb
Titanium	47-1	0.17	0.01	-0.03	0.05	205.78	ppb
Uranium	238-1	0.03	0.02	0.04	0.03	26.39	ppb
Vanadium	51-2	109.53	97.25	100.34	102.37	6.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	221.30	203.61	202.94	209.28	4.98	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.01	0.02	48.46	ppb
Zirconium	91-1	0.05	0.07	0.06	0.06	15.80	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:10:19	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.74	16.65	17.73	17.04	3.52	ppb
Antimony	121-1	2.00	2.06	2.07	2.04	1.68	ppb
Arsenic	75-2	1.02	1.31	1.02	1.11	15.13	ppb
Barium	135-1	10.25	10.18	9.75	10.06	2.69	ppb
Barium	137-1	10.09	10.38	10.32	10.26	1.49	ppb
Beryllium	9-1	1.21	1.07	1.02	1.10	8.83	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	30.61	27.64	26.67	28.30	7.26	ppb
Boron	11-1	28.03	30.26	30.18	29.49	4.29	ppb
Cadmium	111-1	1.02	1.19	1.08	1.10	7.69	ppb
Cadmium	106-1	1.31	0.59	2.63	1.51	68.65	ppb
Cadmium	108-1	0.86	1.77	0.66	1.10	54.06	ppb
Calcium	43-1	450.40	459.64	487.52	465.85	4.15	ppb
Calcium	44-1	495.18	513.05	505.54	504.59	1.78	ppb
Chromium	52-2	2.43	2.13	1.79	2.12	15.23	ppb
Cobalt	59-2	0.98	0.93	0.94	0.95	3.05	ppb
Copper	63-2	2.00	1.94	1.93	1.96	1.71	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				90		%
Holmium	165-2				91		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	54.71	55.01	48.98	52.90	6.43	ppb
Iron	57-2	49.39	46.44	55.53	50.46	9.19	ppb
Krypton	83-1						cps
Lead	206-1	0.98	1.00	1.10	1.02	6.28	ppb
Lead	207-1	0.92	1.05	1.09	1.02	8.45	ppb
Lead	208-1	1.01	1.01	1.07	1.03	3.53	ppb
Lithium	6-1				67		%
Magnesium	24-2	515.33	525.60	446.61	495.84	8.66	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:10:19	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.26	0.87	1.02	20.17	ppb
Molybdenum	94-1	5.01	4.50	5.00	4.84	6.04	ppb
Molybdenum	95-1	5.03	4.92	4.85	4.93	1.86	ppb
Molybdenum	96-1	4.75	4.88	4.92	4.85	1.83	ppb
Molybdenum	97-1	5.07	4.96	4.97	5.00	1.21	ppb
Molybdenum	98-1	4.66	4.94	5.01	4.87	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.14	0.94	1.01	10.56	ppb
Phosphorus	31-2	8.59	-13.08	64.35	19.95	200.19	ppb
Potassium	39-2	539.52	517.25	474.03	510.26	6.53	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	2.24	15.36	2.05	6.55	116.47	ppb
Selenium	78-2	3.91	6.11	3.61	4.54	30.09	ppb
Selenium	82-1	4.50	4.27	5.87	4.88	17.72	ppb
Silicon	28-1	-12.90	-10.65	-11.98	-11.84		ppb
Silver	109-1	1.12	1.15	1.10	1.12	2.18	ppb
Silver	107-1	1.08	1.16	1.09	1.11	4.14	ppb
Sodium	23-2	627.04	603.22	558.59	596.28	5.83	ppb
Strontium	86-1	0.71	0.86	0.72	0.76	11.03	ppb
Strontium	88-1	0.91	0.97	0.96	0.94	3.47	ppb
Sulfur	34-1	-7413.49	-7033.88	-7351.23	-7266.20		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.90	0.89	1.06	0.95	10.31	ppb
Thallium	205-1	0.94	0.83	0.91	0.89	6.21	ppb
Tin	118-1	4.85	5.27	5.33	5.15	5.10	ppb
Titanium	47-1	4.62	5.02	4.36	4.66	7.16	ppb
Uranium	238-1	0.89	0.95	0.89	0.91	4.15	ppb
Vanadium	51-2	5.13	4.95	4.62	4.90	5.23	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.65	2.30	1.85	1.94	17.13	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:10:19	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.94	0.87	0.91	4.48	ppb
Zirconium	91-1	0.81	0.79	0.88	0.83	5.24	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:13:49 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	-3.87	-1.03	-1.12		ppb
Antimony	121-1	0.05	0.08	0.10	0.08	29.33	ppb
Arsenic	75-2	0.00	0.07	0.12	0.06	95.29	ppb
Barium	135-1	0.02	-0.02	0.07	0.02	222.82	ppb
Barium	137-1	0.01	0.02	0.04	0.02	59.85	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	44.77	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Boron	10-1	3.57	3.53	3.63	3.58	1.41	ppb
Boron	11-1	4.08	3.63	4.05	3.92	6.40	ppb
Cadmium	111-1	0.01	-0.10	0.03	-0.02		ppb
Cadmium	106-1	0.15	-1.11	0.46	-0.17		ppb
Cadmium	108-1	0.02	0.29	0.02	0.11	142.99	ppb
Calcium	43-1	-0.39	-0.27	0.91	0.08	858.83	ppb
Calcium	44-1	39.58	23.74	45.15	36.16	30.72	ppb
Chromium	52-2	0.17	0.26	0.40	0.28	41.41	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.07	-0.01	0.06	0.04	104.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	1.16	1.19	1.92	1.42	30.23	ppb
Iron	57-2	-0.28	0.02	0.72	0.15	328.84	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.08	0.06	24.84	ppb
Lead	207-1	0.03	0.07	0.04	0.05	49.26	ppb
Lead	208-1	0.03	0.04	0.04	0.04	15.34	ppb
Lithium	6-1				65		%
Magnesium	24-2	3.14	2.67	4.57	3.46	28.61	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:13:49	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	-0.06	-0.04	-0.02		ppb
Molybdenum	94-1	0.00	-0.01	0.02	0.00	430.82	ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	112.90	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	16.05	ppb
Molybdenum	97-1	0.02	0.08	0.07	0.06	49.19	ppb
Molybdenum	98-1	0.03	0.00	0.01	0.01	90.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.09	0.07	0.06	34.33	ppb
Phosphorus	31-2	-44.34	-24.17	0.63	-22.63		ppb
Potassium	39-2	23.40	12.88	43.94	26.74	59.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.57	-0.05	-1.10	-0.57		ppb
Selenium	82-1	-1.37	0.06	-0.79	-0.70		ppb
Silicon	28-1	-17.36	-21.94	-12.68	-17.33		ppb
Silver	109-1	0.03	0.03	0.04	0.03	20.67	ppb
Silver	107-1	0.06	0.04	0.06	0.05	15.19	ppb
Sodium	23-2	85.69	97.39	113.62	98.90	14.18	ppb
Strontium	86-1	0.06	0.04	-0.05	0.02	349.41	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-6411.94	-7444.90	-4930.47	-6262.44		ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.04	-0.01	-0.02		ppb
Titanium	47-1	0.00	-0.09	-0.01	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	112.78	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	107.96	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	-0.05	0.05	0.02	357.93	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:13:49	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	161.15	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89926.37	89875.74	87541.92	89114.68	1.53	ppb
Antimony	121-1	1.27	1.30	1.35	1.31	2.96	ppb
Arsenic	75-2	0.37	0.60	0.32	0.43	33.79	ppb
Barium	135-1	1.36	1.30	1.34	1.33	2.16	ppb
Barium	137-1	1.27	1.46	1.50	1.41	8.98	ppb
Beryllium	9-1	0.31	0.28	0.33	0.31	9.31	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	3.59	3.64	3.06	3.43	9.47	ppb
Boron	11-1	3.55	3.46	3.26	3.42	4.34	ppb
Cadmium	111-1	0.33	0.28	0.32	0.31	9.50	ppb
Cadmium	106-1	0.46	-0.28	0.24	0.14	277.78	ppb
Cadmium	108-1	10.32	9.52	9.56	9.80	4.60	ppb
Calcium	43-1	95795.24	93968.21	96190.80	95318.08	1.24	ppb
Calcium	44-1	93379.56	93391.64	96060.82	94277.34	1.64	ppb
Chromium	52-2	20.44	19.57	20.38	20.13	2.42	ppb
Cobalt	59-2	1.17	1.15	1.06	1.13	5.16	ppb
Copper	63-2	9.15	9.09	9.03	9.09	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	101374.24	100606.91	99155.39	100378.85	1.12	ppb
Iron	57-2	101546.65	101412.37	100859.06	101272.69	0.36	ppb
Krypton	83-1						cps
Lead	206-1	4.63	4.79	4.82	4.75	2.09	ppb
Lead	207-1	4.27	3.99	4.64	4.30	7.60	ppb
Lead	208-1	4.34	4.28	4.52	4.38	2.95	ppb
Lithium	6-1				68		%
Magnesium	24-2	100922.03	99834.72	99057.75	99938.17	0.94	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.07	7.65	7.48	7.73	3.87	ppb
Molybdenum	94-1	1295.82	1297.25	1378.79	1323.95	3.59	ppb
Molybdenum	95-1	1855.75	1865.37	1940.02	1887.05	2.44	ppb
Molybdenum	96-1	1756.86	1793.57	1853.42	1801.29	2.71	ppb
Molybdenum	97-1	1847.93	1900.15	1928.77	1892.28	2.17	ppb
Molybdenum	98-1	1832.63	1859.39	1935.91	1875.98	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.75	5.43	5.03	5.40	6.70	ppb
Phosphorus	31-2	100521.90	98743.00	98114.45	99126.45	1.26	ppb
Potassium	39-2	99855.10	99647.66	98414.88	99305.88	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-1.04	2.29	-1.04	0.07	2748.98	ppb
Selenium	78-2	0.02	0.59	1.10	0.57	94.55	ppb
Selenium	82-1	0.27	1.91	0.59	0.92	93.75	ppb
Silicon	28-1	6.56	5.16	8.65	6.79	25.87	ppb
Silver	109-1	0.72	0.68	0.66	0.68	4.86	ppb
Silver	107-1	0.75	0.70	0.75	0.73	4.26	ppb
Sodium	23-2	98837.20	100102.80	96521.85	98487.28	1.84	ppb
Strontium	86-1	31.60	32.27	33.97	32.61	3.75	ppb
Strontium	88-1	31.99	32.21	33.03	32.41	1.68	ppb
Sulfur	34-1	91949.42	88835.54	93270.52	91351.83	2.49	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.74	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	53.18	ppb
Tin	118-1	0.18	0.17	0.18	0.18	4.28	ppb
Titanium	47-1	1917.97	1939.37	1986.83	1948.06	1.81	ppb
Uranium	238-1	0.01	0.01	0.03	0.02	52.34	ppb
Vanadium	51-2	0.15	0.12	0.11	0.13	16.94	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	15.29	14.31	14.08	14.56	4.41	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	46.52	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00	2200.77	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91127.33	88249.51	89188.64	89521.82	1.64	ppb
Antimony	121-1	21.28	20.54	20.41	20.74	2.27	ppb
Arsenic	75-2	20.36	20.27	19.45	20.02	2.51	ppb
Barium	135-1	21.81	21.79	20.38	21.33	3.85	ppb
Barium	137-1	21.57	21.62	21.69	21.62	0.27	ppb
Beryllium	9-1	21.81	20.92	21.49	21.41	2.11	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	63.52	63.05	63.80	63.45	0.60	ppb
Boron	11-1	62.90	60.70	63.97	62.52	2.67	ppb
Cadmium	111-1	20.97	20.53	20.85	20.78	1.09	ppb
Cadmium	106-1	25.04	25.26	27.14	25.81	4.46	ppb
Cadmium	108-1	30.70	28.25	32.99	30.65	7.74	ppb
Calcium	43-1	97587.03	94174.83	95841.76	95867.88	1.78	ppb
Calcium	44-1	96023.05	93472.39	96455.37	95316.93	1.69	ppb
Chromium	52-2	41.29	40.13	40.39	40.60	1.50	ppb
Cobalt	59-2	21.47	21.21	21.06	21.24	0.98	ppb
Copper	63-2	30.17	29.47	30.09	29.91	1.28	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				96		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	102690.57	100126.28	100722.34	101179.73	1.33	ppb
Iron	57-2	102395.22	101733.00	101175.36	101767.86	0.60	ppb
Krypton	83-1						cps
Lead	206-1	25.63	24.75	24.57	24.98	2.26	ppb
Lead	207-1	23.60	22.60	23.18	23.13	2.16	ppb
Lead	208-1	23.78	23.15	23.52	23.48	1.33	ppb
Lithium	6-1				69		%
Magnesium	24-2	102773.23	101068.81	100579.07	101473.70	1.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.49	26.85	28.39	27.91	3.30	ppb
Molybdenum	94-1	1490.65	1430.83	1472.96	1464.81	2.10	ppb
Molybdenum	95-1	1989.99	1926.79	1959.56	1958.78	1.61	ppb
Molybdenum	96-1	1908.98	1863.13	1924.61	1898.91	1.68	ppb
Molybdenum	97-1	1985.58	1944.09	1988.51	1972.73	1.26	ppb
Molybdenum	98-1	1981.29	1916.78	1990.45	1962.84	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.91	25.84	26.10	25.95	0.52	ppb
Phosphorus	31-2	100903.93	98189.10	97829.75	98974.26	1.70	ppb
Potassium	39-2	102356.93	98623.04	97839.90	99606.62	2.42	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	19.10	5.57	15.44	13.37	52.35	ppb
Selenium	78-2	25.60	21.25	13.96	20.27	29.02	ppb
Selenium	82-1	18.57	18.34	21.14	19.35	8.05	ppb
Silicon	28-1	59.71	56.53	58.92	58.39	2.83	ppb
Silver	109-1	20.09	19.59	20.04	19.91	1.38	ppb
Silver	107-1	19.93	19.71	20.37	20.00	1.67	ppb
Sodium	23-2	100450.96	98536.10	97542.41	98843.16	1.50	ppb
Strontium	86-1	88.08	83.68	84.74	85.50	2.69	ppb
Strontium	88-1	86.43	83.59	84.95	84.99	1.67	ppb
Sulfur	34-1	92274.75	90798.21	90553.64	91208.86	1.02	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	19.39	19.84	20.04	19.76	1.70	ppb
Thallium	205-1	20.10	19.69	19.61	19.80	1.31	ppb
Tin	118-1	52.00	51.30	52.70	52.00	1.35	ppb
Titanium	47-1	2045.75	1978.55	2028.43	2017.58	1.73	ppb
Uranium	238-1	51.61	51.17	51.61	51.46	0.49	ppb
Vanadium	51-2	20.00	19.91	20.05	19.99	0.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	35.24	32.77	34.43	34.14	3.69	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.54	52.28	52.91	52.91	1.19	ppb
Zirconium	91-1	52.93	51.15	52.33	52.14	1.74	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50880.57	52806.57	51613.92	51767.02	1.88	ppb
Antimony	121-1	555.17	526.21	530.15	537.18	2.92	ppb
Arsenic	75-2	493.99	520.81	513.70	509.50	2.73	ppb
Barium	135-1	2747.26	2641.81	2683.98	2691.02	1.97	ppb
Barium	137-1	2788.47	2638.95	2684.36	2703.93	2.84	ppb
Beryllium	9-1	579.58	558.08	579.92	572.53	2.19	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	561.54	560.34	576.90	566.26	1.63	ppb
Boron	11-1	569.40	562.23	583.13	571.59	1.86	ppb
Cadmium	111-1	545.48	520.47	533.01	532.99	2.35	ppb
Cadmium	106-1	552.50	534.77	553.74	547.00	1.94	ppb
Cadmium	108-1	537.79	537.27	527.65	534.23	1.07	ppb
Calcium	43-1	248735.81	240922.32	249182.24	246280.12	1.89	ppb
Calcium	44-1	247776.29	238327.33	247990.79	244698.13	2.26	ppb
Chromium	52-2	502.49	523.08	504.10	509.89	2.25	ppb
Cobalt	59-2	482.71	506.12	492.45	493.76	2.38	ppb
Copper	63-2	959.62	988.96	968.74	972.44	1.54	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				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	122597.73	128378.59	124082.67	125019.66	2.40	ppb
Iron	57-2	123144.96	129022.22	126009.94	126059.04	2.33	ppb
Krypton	83-1						cps
Lead	206-1	520.90	512.67	516.13	516.57	0.80	ppb
Lead	207-1	518.38	507.95	522.26	516.19	1.43	ppb
Lead	208-1	511.14	501.11	510.70	507.65	1.12	ppb
Lithium	6-1				67		%
Magnesium	24-2	246008.63	256226.85	250978.66	251071.38	2.04	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.72	1036.67	1006.52	1011.97	2.22	ppb
Molybdenum	94-1	2629.69	2512.14	2618.29	2586.71	2.51	ppb
Molybdenum	95-1	2645.78	2544.25	2613.95	2601.33	2.00	ppb
Molybdenum	96-1	2650.12	2519.06	2588.81	2585.99	2.54	ppb
Molybdenum	97-1	2683.80	2525.50	2648.74	2619.34	3.17	ppb
Molybdenum	98-1	2602.19	2518.07	2601.87	2574.04	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.39	514.77	502.80	504.32	1.94	ppb
Phosphorus	31-2	9414.50	10742.41	10526.70	10227.87	6.97	ppb
Potassium	39-2	121318.52	127859.56	125607.26	124928.45	2.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	481.45	486.50	520.24	496.06	4.25	ppb
Selenium	78-2	487.84	537.14	533.59	519.52	5.29	ppb
Selenium	82-1	524.01	498.21	525.29	515.84	2.96	ppb
Silicon	28-1	468.08	457.65	484.78	470.17	2.91	ppb
Silver	109-1	553.98	533.06	538.24	541.76	2.01	ppb
Silver	107-1	556.44	529.08	537.17	540.90	2.60	ppb
Sodium	23-2	243377.70	252501.57	247654.08	247844.45	1.84	ppb
Strontium	86-1	528.74	505.81	525.62	520.06	2.39	ppb
Strontium	88-1	538.12	510.78	524.53	524.47	2.61	ppb
Sulfur	34-1	6184.26	4922.81	6245.75	5784.27	12.91	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	514.08	508.24	516.95	513.09	0.87	ppb
Thallium	205-1	530.46	519.77	529.85	526.69	1.14	ppb
Tin	118-1	540.99	517.47	527.13	528.53	2.24	ppb
Titanium	47-1	2656.94	2542.01	2640.05	2613.00	2.37	ppb
Uranium	238-1	534.44	513.11	531.37	526.31	2.19	ppb
Vanadium	51-2	508.83	525.68	510.48	515.00	1.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	980.35	1006.72	982.63	989.90	1.48	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	541.67	512.01	530.26	527.98	2.83	ppb
Zirconium	91-1	517.73	491.99	507.32	505.68	2.56	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:27:25 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.93	-0.53	-0.11	0.77	246.67	ppb
Antimony	121-1	0.25	0.28	0.31	0.28	10.98	ppb
Arsenic	75-2	0.04	0.03	0.06	0.04	34.90	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	5292.86	ppb
Barium	137-1	0.03	0.00	0.03	0.02	107.68	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	16.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	8.79	9.10	8.33	8.74	4.46	ppb
Boron	11-1	8.39	7.26	7.00	7.55	9.75	ppb
Cadmium	111-1	0.06	0.01	-0.04	0.01	467.01	ppb
Cadmium	106-1	0.78	0.03	-0.36	0.15	388.78	ppb
Cadmium	108-1	0.00	0.07	0.14	0.07	98.20	ppb
Calcium	43-1	-0.51	2.72	0.22	0.81	209.31	ppb
Calcium	44-1	42.63	39.62	44.37	42.21	5.70	ppb
Chromium	52-2	0.11	0.30	0.20	0.20	46.75	ppb
Cobalt	59-2	0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.38	0.42	0.38	0.39	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	1.90	1.61	1.36	1.62	16.40	ppb
Iron	57-2	-1.08	2.55	0.97	0.81	224.32	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.27	0.18	0.25	25.18	ppb
Lead	207-1	0.28	0.21	0.24	0.24	15.64	ppb
Lead	208-1	0.25	0.24	0.20	0.23	12.16	ppb
Lithium	6-1				75		%
Magnesium	24-2	1.46	3.50	0.42	1.79	87.43	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:27:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.08	0.06	0.01	899.59	ppb
Molybdenum	94-1	0.23	0.16	0.19	0.19	18.21	ppb
Molybdenum	95-1	0.23	0.17	0.23	0.21	15.06	ppb
Molybdenum	96-1	0.17	0.20	0.19	0.19	7.32	ppb
Molybdenum	97-1	0.21	0.20	0.23	0.21	7.06	ppb
Molybdenum	98-1	0.20	0.16	0.21	0.19	14.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.12	0.05	0.09	42.05	ppb
Phosphorus	31-2	-4.57	-23.19	-44.34	-24.03		ppb
Potassium	39-2	55.66	84.89	66.06	68.87	21.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.57	-0.03	-0.55	-0.38		ppb
Selenium	82-1	-0.25	0.31	0.70	0.25	187.33	ppb
Silicon	28-1	-16.72	-17.89	-16.94	-17.18		ppb
Silver	109-1	0.11	0.11	0.10	0.11	7.71	ppb
Silver	107-1	0.09	0.08	0.09	0.09	6.95	ppb
Sodium	23-2	130.61	154.81	136.52	140.65	8.97	ppb
Strontium	86-1	0.14	0.00	0.05	0.06	114.62	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	80.03	ppb
Sulfur	34-1	-8212.63	-8196.87	-8150.92	-8186.81		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.04	0.03	0.04	43.49	ppb
Thallium	205-1	0.07	0.04	0.06	0.06	25.67	ppb
Tin	118-1	0.04	0.03	0.02	0.03	24.74	ppb
Titanium	47-1	0.13	0.02	0.03	0.06	101.21	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	70.48	ppb
Vanadium	51-2	0.05	-0.01	0.03	0.02	144.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.09	-0.02	-0.10	-0.07		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:27:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.01	70.29	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	594.82	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.80	16.74	21.97	19.51	13.47	ppb
Antimony	121-1	2.03	1.93	1.92	1.96	3.08	ppb
Arsenic	75-2	0.94	0.95	1.09	0.99	7.97	ppb
Barium	135-1	10.13	9.78	10.56	10.16	3.89	ppb
Barium	137-1	9.46	9.94	10.23	9.88	3.90	ppb
Beryllium	9-1	1.03	1.04	1.04	1.04	0.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	28.32	27.56	26.35	27.41	3.62	ppb
Boron	11-1	27.08	26.30	27.13	26.84	1.74	ppb
Cadmium	111-1	0.89	0.92	1.08	0.96	10.39	ppb
Cadmium	106-1	-0.25	0.44	1.91	0.70	158.44	ppb
Cadmium	108-1	1.14	0.94	0.77	0.95	19.76	ppb
Calcium	43-1	452.58	468.28	480.10	466.98	2.96	ppb
Calcium	44-1	502.19	505.40	509.47	505.69	0.72	ppb
Chromium	52-2	2.06	2.34	2.16	2.19	6.57	ppb
Cobalt	59-2	1.04	0.96	1.04	1.01	4.39	ppb
Copper	63-2	2.18	2.28	2.24	2.24	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				97		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	53.17	53.69	54.74	53.87	1.49	ppb
Iron	57-2	49.78	55.24	54.58	53.20	5.60	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.07	1.09	1.09	2.19	ppb
Lead	207-1	0.94	0.81	1.03	0.93	12.15	ppb
Lead	208-1	1.01	0.96	0.99	0.99	2.43	ppb
Lithium	6-1				74		%
Magnesium	24-2	523.14	524.89	523.85	523.96	0.17	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.91	0.88	0.93	7.33	ppb
Molybdenum	94-1	4.63	4.77	4.78	4.73	1.80	ppb
Molybdenum	95-1	4.88	4.90	4.83	4.87	0.69	ppb
Molybdenum	96-1	4.68	5.03	4.97	4.89	3.84	ppb
Molybdenum	97-1	5.22	4.89	4.91	5.01	3.77	ppb
Molybdenum	98-1	5.03	4.90	5.21	5.05	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.19	1.16	1.12	8.57	ppb
Phosphorus	31-2	101.38	91.70	-2.24	63.61	89.98	ppb
Potassium	39-2	507.66	533.32	535.34	525.44	2.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	8.54	2.13	5.39	5.35	59.79	ppb
Selenium	78-2	6.46	3.74	3.80	4.67	33.35	ppb
Selenium	82-1	5.05	5.23	4.93	5.07	2.94	ppb
Silicon	28-1	-7.78	-6.81	-5.05	-6.55		ppb
Silver	109-1	1.15	1.07	1.16	1.13	4.14	ppb
Silver	107-1	1.15	1.09	1.14	1.13	2.92	ppb
Sodium	23-2	587.90	597.20	587.72	590.94	0.92	ppb
Strontium	86-1	0.77	0.94	0.84	0.85	10.11	ppb
Strontium	88-1	0.93	0.96	0.91	0.93	2.65	ppb
Sulfur	34-1	-7536.11	-6804.27	-6960.28	-7100.22		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.96	0.97	0.98	0.97	0.86	ppb
Thallium	205-1	0.99	0.90	1.00	0.96	5.64	ppb
Tin	118-1	4.76	4.74	4.91	4.81	1.87	ppb
Titanium	47-1	4.66	4.93	4.79	4.80	2.76	ppb
Uranium	238-1	0.89	0.90	0.89	0.89	1.10	ppb
Vanadium	51-2	5.15	5.18	5.35	5.23	2.06	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.05	2.13	1.95	2.04	4.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.84	0.92	0.90	5.53	ppb
Zirconium	91-1	0.90	0.90	0.77	0.86	8.98	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:36:06 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.21	-0.96	-0.19		ppb
Antimony	121-1	0.07	0.04	0.06	0.06	33.14	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	44.75	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00		ppb
Barium	137-1	0.00	0.05	0.00	0.02	185.24	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	43.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	2.99	2.24	3.55	2.93	22.55	ppb
Boron	11-1	2.98	2.75	2.87	2.87	4.01	ppb
Cadmium	111-1	0.04	-0.04	-0.01	0.00		ppb
Cadmium	106-1	0.67	-0.54	-0.22	-0.03		ppb
Cadmium	108-1	0.14	-0.06	0.00	0.03	383.40	ppb
Calcium	43-1	-1.99	2.51	-4.40	-1.29		ppb
Calcium	44-1	23.70	33.10	17.64	24.82	31.38	ppb
Chromium	52-2	0.21	0.15	0.06	0.14	54.69	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.02	0.01	0.02	32.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	0.71	0.98	0.43	0.71	38.82	ppb
Iron	57-2	-0.02	0.37	1.53	0.63	128.49	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.10	0.07	49.68	ppb
Lead	207-1	0.01	0.01	0.05	0.03	93.11	ppb
Lead	208-1	0.04	0.04	0.05	0.04	19.17	ppb
Lithium	6-1				73		%
Magnesium	24-2	2.42	0.29	3.54	2.08	79.31	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:36:06 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.00	0.07	0.08	112.52	ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	54.14	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	55.90	ppb
Molybdenum	96-1	0.00	0.03	0.02	0.02	69.46	ppb
Molybdenum	97-1	0.08	0.07	0.04	0.06	33.49	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	28.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.01	0.04	0.04	84.59	ppb
Phosphorus	31-2	-23.52	-33.89	-34.08	-30.50		ppb
Potassium	39-2	9.55	26.72	29.48	21.92	49.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	2.21	-1.04	2.19	1.12	167.00	ppb
Selenium	78-2	-0.55	0.53	-0.01	-0.01		ppb
Selenium	82-1	-1.35	0.07	0.20	-0.36		ppb
Silicon	28-1	-16.05	-10.70	-19.28	-15.34		ppb
Silver	109-1	0.01	0.03	0.01	0.02	57.77	ppb
Silver	107-1	0.02	0.04	0.00	0.02	83.90	ppb
Sodium	23-2	88.62	87.43	80.33	85.46	5.25	ppb
Strontium	86-1	-0.10	0.01	-0.07	-0.06		ppb
Strontium	88-1	0.00	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-6928.75	-5541.62	-7938.50	-6802.96		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.00	0.01	0.01	94.77	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	23.19	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.04	-0.02	0.03	0.02	175.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.59	ppb
Vanadium	51-2	0.01	0.00	0.03	0.01	132.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.02	-0.09	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BL	Instrumnet Name :	P8
Client Sample ID :	PB116293BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:36:06	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	91.52	ppb
Zirconium	91-1	-0.01	0.03	-0.03	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10053.49	9345.60	9874.80	9757.96	3.77	ppb
Antimony	121-1	537.15	535.75	519.83	530.91	1.81	ppb
Arsenic	75-2	522.32	487.94	519.57	509.94	3.75	ppb
Barium	135-1	2686.34	2657.73	2621.98	2655.35	1.21	ppb
Barium	137-1	2683.36	2718.59	2681.01	2694.32	0.78	ppb
Beryllium	9-1	537.81	532.88	529.80	533.50	0.76	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	511.60	526.22	528.48	522.10	1.76	ppb
Boron	11-1	517.11	531.09	529.44	525.88	1.45	ppb
Cadmium	111-1	532.65	533.82	527.74	531.40	0.61	ppb
Cadmium	106-1	532.94	541.57	517.26	530.59	2.32	ppb
Cadmium	108-1	532.56	530.89	531.26	531.57	0.17	ppb
Calcium	43-1	49587.30	50022.54	50277.87	49962.57	0.70	ppb
Calcium	44-1	50044.71	50439.30	50633.66	50372.56	0.60	ppb
Chromium	52-2	525.65	480.53	513.39	506.52	4.61	ppb
Cobalt	59-2	514.67	470.71	502.36	495.91	4.57	ppb
Copper	63-2	1052.92	952.68	1025.97	1010.52	5.13	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				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	26764.83	24200.60	25995.51	25653.65	5.13	ppb
Iron	57-2	26217.14	23958.08	25929.06	25368.09	4.85	ppb
Krypton	83-1						cps
Lead	206-1	505.94	501.13	504.37	503.81	0.49	ppb
Lead	207-1	508.74	504.88	509.88	507.83	0.52	ppb
Lead	208-1	499.43	496.84	500.15	498.81	0.35	ppb
Lithium	6-1				75		%
Magnesium	24-2	57025.28	51654.69	55737.26	54805.74	5.12	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.32	971.96	1034.97	1019.42	4.11	ppb
Molybdenum	94-1	2538.49	2545.78	2551.31	2545.19	0.25	ppb
Molybdenum	95-1	2530.06	2565.32	2556.30	2550.56	0.72	ppb
Molybdenum	96-1	2533.76	2510.45	2556.13	2533.45	0.90	ppb
Molybdenum	97-1	2564.71	2526.45	2584.51	2558.56	1.15	ppb
Molybdenum	98-1	2515.31	2520.45	2521.17	2518.98	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.03	480.16	514.70	507.96	4.95	ppb
Phosphorus	31-2	10096.44	9568.75	10430.88	10032.02	4.33	ppb
Potassium	39-2	25663.73	23729.02	25216.42	24869.73	4.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	564.14	477.04	546.42	529.20	8.70	ppb
Selenium	78-2	511.08	476.71	516.06	501.29	4.27	ppb
Selenium	82-1	504.54	506.97	513.91	508.47	0.96	ppb
Silicon	28-1	461.43	468.30	476.77	468.83	1.64	ppb
Silver	109-1	549.14	550.12	536.15	545.14	1.43	ppb
Silver	107-1	539.08	547.15	542.49	542.91	0.75	ppb
Sodium	23-2	51872.31	48062.93	51605.67	50513.64	4.21	ppb
Strontium	86-1	504.60	505.74	503.11	504.48	0.26	ppb
Strontium	88-1	511.87	506.74	511.28	509.96	0.55	ppb
Sulfur	34-1	6236.74	6035.42	5906.48	6059.55	2.75	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	500.44	499.13	507.12	502.23	0.85	ppb
Thallium	205-1	511.58	518.52	518.76	516.28	0.79	ppb
Tin	118-1	521.73	524.70	520.85	522.43	0.39	ppb
Titanium	47-1	2585.28	2550.73	2611.50	2582.50	1.18	ppb
Uranium	238-1	508.87	502.06	506.18	505.71	0.68	ppb
Vanadium	51-2	520.41	482.73	510.91	504.68	3.88	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1045.33	959.74	1024.24	1009.77	4.42	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.65	514.00	516.17	513.27	0.65	ppb
Zirconium	91-1	493.05	493.37	491.13	492.52	0.25	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	3.15	3.46	3.15	9.67	ppb
Antimony	121-1	0.25	0.20	0.19	0.21	13.74	ppb
Arsenic	75-2	0.09	0.07	0.16	0.10	44.93	ppb
Barium	135-1	0.55	0.66	0.57	0.59	10.08	ppb
Barium	137-1	0.71	0.55	0.73	0.66	14.57	ppb
Beryllium	9-1	0.08	0.04	0.04	0.05	40.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	6.04	6.87	6.41	6.44	6.42	ppb
Boron	11-1	7.09	6.97	6.69	6.92	2.99	ppb
Cadmium	111-1	0.13	-0.02	0.04	0.05	152.35	ppb
Cadmium	106-1	1.18	-0.53	0.42	0.36	239.38	ppb
Cadmium	108-1	-0.01	0.35	0.32	0.22	92.50	ppb
Calcium	43-1	144.28	153.83	160.26	152.79	5.26	ppb
Calcium	44-1	152.86	158.87	173.62	161.78	6.60	ppb
Chromium	52-2	1.71	1.67	1.68	1.69	1.07	ppb
Cobalt	59-2	0.02	0.01	0.04	0.02	70.72	ppb
Copper	63-2	2.80	2.73	2.92	2.82	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	11.74	11.08	11.09	11.30	3.35	ppb
Iron	57-2	8.20	9.25	10.48	9.31	12.30	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.61	0.60	0.59	4.23	ppb
Lead	207-1	0.50	0.54	0.47	0.50	6.15	ppb
Lead	208-1	0.54	0.57	0.51	0.54	5.82	ppb
Lithium	6-1				80		%
Magnesium	24-2	7.21	8.72	10.33	8.75	17.83	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.42	0.75	0.67	32.92	ppb
Molybdenum	94-1	0.18	0.10	0.12	0.13	29.86	ppb
Molybdenum	95-1	0.28	0.24	0.18	0.23	22.25	ppb
Molybdenum	96-1	0.20	0.22	0.21	0.21	4.70	ppb
Molybdenum	97-1	0.23	0.22	0.20	0.22	7.54	ppb
Molybdenum	98-1	0.25	0.20	0.19	0.22	14.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.40	0.37	0.37	8.77	ppb
Phosphorus	31-2	-35.02	-34.95	-24.93	-31.63		ppb
Potassium	39-2	2.67	-4.83	17.86	5.23	221.00	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	1.81	7.68	2.00	3.83	87.08	ppb
Selenium	78-2	-0.14	-0.12	0.45	0.06	511.16	ppb
Selenium	82-1	0.24	0.44	0.88	0.52	63.78	ppb
Silicon	28-1	-29.56	-28.64	-26.55	-28.25		ppb
Silver	109-1	0.12	0.07	0.08	0.09	28.62	ppb
Silver	107-1	0.09	0.10	0.12	0.10	10.07	ppb
Sodium	23-2	2831.01	2857.85	2913.83	2867.56	1.47	ppb
Strontium	86-1	0.24	0.29	0.13	0.22	36.22	ppb
Strontium	88-1	0.19	0.17	0.19	0.18	6.64	ppb
Sulfur	34-1	-12171.28	-11733.46	-10459.03	-11454.59		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.01	0.01	68.70	ppb
Thallium	205-1	0.03	0.01	0.04	0.03	44.63	ppb
Tin	118-1	0.08	0.06	0.09	0.08	21.26	ppb
Titanium	47-1	0.08	0.04	0.16	0.09	66.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.73	ppb
Vanadium	51-2	0.02	0.02	0.00	0.02	66.85	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	533.73	536.20	540.06	536.66	0.59	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	29.04	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	19.72	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.29	37.32	35.35	34.99	7.24	ppb
Antimony	121-1	0.92	0.69	0.72	0.78	16.17	ppb
Arsenic	75-2	1.14	0.94	1.06	1.05	9.30	ppb
Barium	135-1	182.58	188.56	178.45	183.20	2.78	ppb
Barium	137-1	187.27	192.78	183.86	187.97	2.40	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	83.26	ppb
Bismuth	209-1				89		%
Bismuth	209-2				69		%
Boron	10-1	46.89	44.64	48.28	46.60	3.95	ppb
Boron	11-1	44.20	47.13	46.80	46.04	3.48	ppb
Cadmium	111-1	0.24	0.28	0.28	0.27	9.27	ppb
Cadmium	106-1	-1.01	-0.07	-0.63	-0.57		ppb
Cadmium	108-1	0.49	0.58	0.47	0.51	11.07	ppb
Calcium	43-1	99055.82	100945.25	94814.67	98271.91	3.19	ppb
Calcium	44-1	99977.76	102359.13	95468.35	99268.41	3.53	ppb
Chromium	52-2	2952.39	2974.19	3175.79	3034.13	4.06	ppb
Cobalt	59-2	0.53	0.51	0.50	0.51	3.36	ppb
Copper	63-2	10.55	10.49	10.40	10.48	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				73		%
Indium	115-1				94		%
Indium	115-2				68		%
Iron	56-2	53.59	53.80	57.50	54.96	4.00	ppb
Iron	57-2	50.90	51.03	43.62	48.52	8.74	ppb
Krypton	83-1						cps
Lead	206-1	1.13	0.80	0.72	0.88	24.85	ppb
Lead	207-1	1.08	0.76	0.68	0.84	24.99	ppb
Lead	208-1	1.10	0.82	0.71	0.88	22.97	ppb
Lithium	6-1				56		%
Magnesium	24-2	20873.88	20916.75	21653.75	21148.13	2.07	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.71	500.26	521.19	505.72	2.69	ppb
Molybdenum	94-1	0.67	0.61	0.65	0.65	4.42	ppb
Molybdenum	95-1	0.55	0.57	0.50	0.54	6.64	ppb
Molybdenum	96-1	0.60	0.71	0.65	0.65	8.41	ppb
Molybdenum	97-1	1.07	1.19	1.25	1.17	7.69	ppb
Molybdenum	98-1	0.55	0.61	0.58	0.58	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.48	2.70	2.48	8.74	ppb
Phosphorus	31-2	-11.86	-11.50	-27.19	-16.85		ppb
Potassium	39-2	1832.25	1770.01	1841.84	1814.70	2.15	ppb
Rhodium	103-1				89		%
Rhodium	103-2				75		%
Scandium	45-1				75		%
Scandium	45-2				63		%
Selenium	77-2	-1.04	8.40	-1.04	2.11	258.68	ppb
Selenium	78-2	7.00	2.10	1.32	3.47	88.71	ppb
Selenium	82-1	0.39	-0.47	-1.69	-0.59		ppb
Silicon	28-1	5251.15	5322.61	4858.42	5144.06	4.86	ppb
Silver	109-1	3.50	2.80	2.22	2.84	22.65	ppb
Silver	107-1	3.54	2.85	2.19	2.86	23.56	ppb
Sodium	23-2	88746.52	89068.10	91280.87	89698.50	1.54	ppb
Strontium	86-1	159.67	163.04	153.89	158.87	2.91	ppb
Strontium	88-1	161.88	169.46	158.13	163.16	3.54	ppb
Sulfur	34-1	423.23	731.93	-1861.88	-235.57		ppb
Terbium	159-1				96		%
Terbium	159-2				72		%
Thallium	203-1	0.03	0.02	0.03	0.03	15.68	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	30.44	ppb
Tin	118-1	0.97	0.90	0.95	0.94	3.96	ppb
Titanium	47-1	1.64	1.51	1.54	1.56	4.35	ppb
Uranium	238-1	0.33	0.37	0.39	0.37	8.21	ppb
Vanadium	51-2	1.57	1.65	1.55	1.59	3.36	ppb
Yttrium	89-1				91		%
Yttrium	89-2				68		%
Zinc	66-2	27.97	28.60	30.92	29.16	5.33	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.04	0.05	15.62	ppb
Zirconium	91-1	0.02	0.47	0.03	0.17	148.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:49:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	204.89	250.03	220.75	225.22	10.17	ppb
Antimony	121-1	0.44	0.47	0.54	0.48	10.03	ppb
Arsenic	75-2	1.33	1.74	1.50	1.52	13.62	ppb
Barium	135-1	256.23	240.34	239.10	245.23	3.90	ppb
Barium	137-1	259.43	247.86	246.35	251.21	2.85	ppb
Beryllium	9-1	0.08	0.06	0.07	0.07	7.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				80		%
Boron	10-1	47.38	44.80	47.43	46.54	3.23	ppb
Boron	11-1	45.47	47.28	46.17	46.31	1.97	ppb
Cadmium	111-1	-0.11	-0.19	-0.18	-0.16		ppb
Cadmium	106-1	-1.55	-2.37	-2.72	-2.21		ppb
Cadmium	108-1	0.26	0.42	-0.01	0.22	98.21	ppb
Calcium	43-1	101339.56	98931.88	98314.44	99528.63	1.61	ppb
Calcium	44-1	102134.88	99780.82	98940.96	100285.55	1.65	ppb
Chromium	52-2	834.83	845.94	850.13	843.63	0.94	ppb
Cobalt	59-2	0.53	0.67	0.63	0.61	11.28	ppb
Copper	63-2	10.17	10.44	9.96	10.19	2.38	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				107		%
Holmium	165-2				82		%
Indium	115-1				97		%
Indium	115-2				71		%
Iron	56-2	577.78	580.45	586.83	581.69	0.80	ppb
Iron	57-2	569.56	601.92	568.18	579.89	3.29	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.39	1.09	1.26	12.07	ppb
Lead	207-1	1.24	1.11	0.95	1.10	13.24	ppb
Lead	208-1	1.19	1.18	1.04	1.14	7.12	ppb
Lithium	6-1				44		%
Magnesium	24-2	26049.89	25885.04	26328.92	26087.95	0.86	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:49:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.51	19.26	18.14	18.97	3.85	ppb
Molybdenum	94-1	2.86	2.86	2.62	2.78	4.94	ppb
Molybdenum	95-1	2.82	2.59	2.59	2.67	4.98	ppb
Molybdenum	96-1	3.04	2.82	2.67	2.84	6.53	ppb
Molybdenum	97-1	3.49	3.15	2.85	3.16	10.17	ppb
Molybdenum	98-1	2.86	2.81	2.66	2.78	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.80	17.70	16.46	16.99	3.76	ppb
Phosphorus	31-2	-44.34	-44.34	69.43	-6.42		ppb
Potassium	39-2	2300.80	2223.52	2290.63	2271.65	1.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				80		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	12.30	7.94	8.00	9.41	26.56	ppb
Selenium	78-2	0.40	1.18	1.96	1.18	65.91	ppb
Selenium	82-1	0.82	-0.90	-0.21	-0.10		ppb
Silicon	28-1	5859.01	5660.99	5566.89	5695.63	2.62	ppb
Silver	109-1	1.60	1.39	1.33	1.44	10.01	ppb
Silver	107-1	1.70	1.51	1.34	1.51	12.11	ppb
Sodium	23-2	75924.70	75026.08	75314.42	75421.73	0.61	ppb
Strontium	86-1	206.78	202.77	197.94	202.50	2.19	ppb
Strontium	88-1	213.15	207.61	204.66	208.47	2.07	ppb
Sulfur	34-1	3383.69	2107.45	1639.56	2376.90	37.98	ppb
Terbium	159-1				107		%
Terbium	159-2				80		%
Thallium	203-1	-0.01	0.00	0.01	0.00		ppb
Thallium	205-1	0.02	0.01	0.01	0.01	50.15	ppb
Tin	118-1	0.63	0.60	0.51	0.58	10.82	ppb
Titanium	47-1	22.08	16.09	16.41	18.19	18.50	ppb
Uranium	238-1	0.57	0.56	0.59	0.57	2.93	ppb
Vanadium	51-2	2.51	2.69	2.88	2.69	6.95	ppb
Yttrium	89-1				93		%
Yttrium	89-2				72		%
Zinc	66-2	26.41	27.32	25.84	26.52	2.82	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:49:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.49	0.47	0.45	0.47	4.18	ppb
Zirconium	91-1	0.44	0.51	0.39	0.45	13.95	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:53:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.62	32.72	35.11	37.48	16.78	ppb
Antimony	121-1	0.89	0.86	0.93	0.89	3.95	ppb
Arsenic	75-2	1.50	1.38	1.37	1.42	4.77	ppb
Barium	135-1	1461.25	1411.40	1432.08	1434.91	1.75	ppb
Barium	137-1	1515.10	1489.22	1476.22	1493.52	1.33	ppb
Beryllium	9-1	0.17	0.21	0.23	0.20	16.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				81		%
Boron	10-1	164.03	174.14	170.54	169.57	3.02	ppb
Boron	11-1	162.65	168.06	176.12	168.94	4.01	ppb
Cadmium	111-1	0.21	0.07	0.18	0.15	49.44	ppb
Cadmium	106-1	-1.84	-2.59	-1.94	-2.12		ppb
Cadmium	108-1	0.16	0.71	0.21	0.36	84.81	ppb
Calcium	43-1	275201.17	271720.68	276805.66	274575.84	0.95	ppb
Calcium	44-1	278992.09	271549.97	272944.92	274495.66	1.44	ppb
Chromium	52-2	1277.36	1246.62	1292.22	1272.07	1.83	ppb
Cobalt	59-2	54.07	51.89	54.08	53.35	2.36	ppb
Copper	63-2	33.68	31.97	33.04	32.90	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				83		%
Indium	115-1				102		%
Indium	115-2				70		%
Iron	56-2	42935.96	42598.34	43872.96	43135.75	1.53	ppb
Iron	57-2	42371.43	41708.70	43297.47	42459.20	1.88	ppb
Krypton	83-1						cps
Lead	206-1	5.15	5.24	5.43	5.28	2.75	ppb
Lead	207-1	5.06	4.77	5.04	4.95	3.28	ppb
Lead	208-1	5.06	4.92	4.97	4.98	1.47	ppb
Lithium	6-1				44		%
Magnesium	24-2	61203.71	59482.04	62373.56	61019.77	2.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:53:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28686.18	28662.67	29315.07	28887.98	1.28	ppb
Molybdenum	94-1	0.82	0.89	0.77	0.83	7.09	ppb
Molybdenum	95-1	0.82	0.72	0.63	0.72	13.58	ppb
Molybdenum	96-1	0.72	0.72	0.63	0.69	7.77	ppb
Molybdenum	97-1	1.18	1.01	1.11	1.10	7.50	ppb
Molybdenum	98-1	0.65	0.57	0.66	0.63	7.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.52	131.87	138.80	135.40	2.56	ppb
Phosphorus	31-2	155.04	37.77	58.02	83.61	74.97	ppb
Potassium	39-2	2666.99	2678.80	2646.26	2664.02	0.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				79		%
Scandium	45-1				75		%
Scandium	45-2				63		%
Selenium	77-2	8.00	12.66	22.34	14.33	51.05	ppb
Selenium	78-2	1.19	-0.33	2.86	1.24	128.35	ppb
Selenium	82-1	-0.52	-2.49	-1.50	-1.51		ppb
Silicon	28-1	13113.72	12731.62	12815.66	12887.00	1.56	ppb
Silver	109-1	1.65	1.62	1.48	1.58	5.89	ppb
Silver	107-1	1.75	1.61	1.50	1.62	7.78	ppb
Sodium	23-2	214925.79	206517.79	219981.64	213808.41	3.18	ppb
Strontium	86-1	438.22	428.93	429.32	432.15	1.22	ppb
Strontium	88-1	445.45	432.85	432.21	436.84	1.71	ppb
Sulfur	34-1	-10156.00	-11269.46	-11336.89	-10920.78		ppb
Terbium	159-1				116		%
Terbium	159-2				81		%
Thallium	203-1	0.03	0.03	0.00	0.02	69.68	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	23.91	ppb
Tin	118-1	0.73	0.74	0.73	0.74	0.61	ppb
Titanium	47-1	2.19	2.63	2.52	2.45	9.28	ppb
Uranium	238-1	0.08	0.08	0.10	0.09	12.60	ppb
Vanadium	51-2	1.37	1.37	1.33	1.36	1.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				70		%
Zinc	66-2	31.51	29.68	29.50	30.23	3.68	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:53:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.26	0.24	4.46	ppb
Zirconium	91-1	0.26	0.29	0.26	0.27	7.08	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:56:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	193.81	201.27	190.03	195.04	2.93	ppb
Antimony	121-1	0.79	0.71	0.70	0.74	6.64	ppb
Arsenic	75-2	1.70	1.89	1.80	1.80	5.32	ppb
Barium	135-1	207.09	196.05	196.69	199.94	3.10	ppb
Barium	137-1	212.97	199.44	202.05	204.82	3.50	ppb
Beryllium	9-1	0.64	0.61	0.69	0.64	5.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				78		%
Boron	10-1	430.50	433.63	425.10	429.74	1.00	ppb
Boron	11-1	441.58	436.23	451.04	442.95	1.69	ppb
Cadmium	111-1	0.63	0.68	0.61	0.64	5.60	ppb
Cadmium	106-1	-1.99	-1.14	-2.14	-1.76		ppb
Cadmium	108-1	1.47	0.75	0.68	0.97	45.11	ppb
Calcium	43-1	137239.16	127261.20	131102.18	131867.51	3.82	ppb
Calcium	44-1	133278.84	126148.88	129506.96	129644.89	2.75	ppb
Chromium	52-2	750.22	773.60	733.88	752.56	2.65	ppb
Cobalt	59-2	9.40	9.32	9.17	9.29	1.23	ppb
Copper	63-2	51.04	51.29	50.70	51.01	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				113		%
Holmium	165-2				80		%
Indium	115-1				97		%
Indium	115-2				66		%
Iron	56-2	28601.77	28742.61	28286.91	28543.76	0.82	ppb
Iron	57-2	28264.39	28164.00	27557.12	27995.17	1.37	ppb
Krypton	83-1						cps
Lead	206-1	2.60	2.55	2.63	2.59	1.52	ppb
Lead	207-1	2.45	2.24	2.36	2.35	4.52	ppb
Lead	208-1	2.44	2.43	2.42	2.43	0.32	ppb
Lithium	6-1				37		%
Magnesium	24-2	32858.27	32584.95	31826.97	32423.39	1.65	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-09 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:56:50 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	37425.76	37835.98	36791.90	37351.22	1.41	ppb
Molybdenum	94-1	2.25	2.13	2.08	2.16	4.00	ppb
Molybdenum	95-1	2.17	2.14	2.01	2.11	3.91	ppb
Molybdenum	96-1	2.12	1.94	1.80	1.95	8.37	ppb
Molybdenum	97-1	2.67	2.29	2.50	2.49	7.76	ppb
Molybdenum	98-1	2.01	1.95	1.87	1.94	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.65	85.20	83.07	84.31	1.31	ppb
Phosphorus	31-2	44.05	44.94	7.80	32.27	65.67	ppb
Potassium	39-2	3906.29	3873.52	3738.26	3839.35	2.32	ppb
Rhodium	103-1				90		%
Rhodium	103-2				76		%
Scandium	45-1				70		%
Scandium	45-2				59		%
Selenium	77-2	-1.04	8.82	3.71	3.83	128.72	ppb
Selenium	78-2	1.36	0.57	0.51	0.81	58.74	ppb
Selenium	82-1	-2.79	-2.42	-0.36	-1.86		ppb
Silicon	28-1	8281.49	7601.91	7772.96	7885.45	4.48	ppb
Silver	109-1	0.76	0.71	0.65	0.71	7.79	ppb
Silver	107-1	0.74	0.75	0.73	0.74	1.74	ppb
Sodium	23-2	266845.12	261645.17	256663.82	261718.04	1.95	ppb
Strontium	86-1	369.19	353.34	346.20	356.24	3.30	ppb
Strontium	88-1	380.07	361.57	355.38	365.67	3.51	ppb
Sulfur	34-1	-3953.70	-5834.52	-5657.88	-5148.70		ppb
Terbium	159-1				111		%
Terbium	159-2				78		%
Thallium	203-1	0.10	0.11	0.08	0.10	16.30	ppb
Thallium	205-1	0.11	0.12	0.11	0.11	3.59	ppb
Tin	118-1	1.06	0.97	1.01	1.01	4.67	ppb
Titanium	47-1	3.25	2.79	3.49	3.18	11.20	ppb
Uranium	238-1	0.45	0.45	0.42	0.44	4.20	ppb
Vanadium	51-2	0.58	0.68	0.72	0.66	11.23	ppb
Yttrium	89-1				92		%
Yttrium	89-2				66		%
Zinc	66-2	66.14	64.90	67.50	66.18	1.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:56:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.47	0.47	0.41	0.45	7.58	ppb
Zirconium	91-1	0.46	0.50	0.44	0.47	6.22	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:00:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.58	33.90	36.89	33.79	9.34	ppb
Antimony	121-1	0.61	0.49	0.62	0.57	12.01	ppb
Arsenic	75-2	0.95	0.88	1.06	0.96	9.19	ppb
Barium	135-1	159.75	155.53	153.82	156.36	1.95	ppb
Barium	137-1	164.68	159.39	159.23	161.10	1.92	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	27.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				79		%
Boron	10-1	63.55	57.67	57.95	59.72	5.56	ppb
Boron	11-1	63.02	61.28	60.91	61.74	1.82	ppb
Cadmium	111-1	0.16	0.09	0.17	0.14	31.14	ppb
Cadmium	106-1	-0.96	-1.79	-0.94	-1.23		ppb
Cadmium	108-1	0.29	0.16	0.27	0.24	28.91	ppb
Calcium	43-1	91350.86	88259.87	87822.02	89144.25	2.16	ppb
Calcium	44-1	91876.79	89879.98	89649.39	90468.72	1.35	ppb
Chromium	52-2	2790.78	2759.67	3098.41	2882.96	6.49	ppb
Cobalt	59-2	0.50	0.51	0.62	0.55	12.31	ppb
Copper	63-2	8.12	7.66	8.57	8.12	5.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				79		%
Indium	115-1				98		%
Indium	115-2				67		%
Iron	56-2	54.10	55.39	57.55	55.68	3.14	ppb
Iron	57-2	55.15	56.07	50.48	53.90	5.56	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.44	0.38	0.44	13.26	ppb
Lead	207-1	0.47	0.30	0.45	0.41	23.09	ppb
Lead	208-1	0.48	0.42	0.41	0.44	9.12	ppb
Lithium	6-1				35		%
Magnesium	24-2	18607.43	18480.39	20039.20	19042.34	4.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:00:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	434.59	430.42	472.45	445.82	5.19	ppb
Molybdenum	94-1	0.50	0.47	0.51	0.49	3.87	ppb
Molybdenum	95-1	0.47	0.45	0.40	0.44	8.49	ppb
Molybdenum	96-1	0.53	0.49	0.53	0.52	4.95	ppb
Molybdenum	97-1	0.92	1.09	1.02	1.01	8.19	ppb
Molybdenum	98-1	0.55	0.42	0.47	0.48	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.40	2.77	2.53	8.29	ppb
Phosphorus	31-2	7.81	-26.87	12.01	-2.35		ppb
Potassium	39-2	1497.28	1473.50	1631.70	1534.16	5.56	ppb
Rhodium	103-1				91		%
Rhodium	103-2				77		%
Scandium	45-1				68		%
Scandium	45-2				59		%
Selenium	77-2	8.24	8.68	4.10	7.01	36.03	ppb
Selenium	78-2	2.83	1.37	1.52	1.90	42.15	ppb
Selenium	82-1	-2.66	-1.03	-0.13	-1.27		ppb
Silicon	28-1	4401.46	4262.40	4263.76	4309.20	1.85	ppb
Silver	109-1	0.40	0.33	0.29	0.34	15.30	ppb
Silver	107-1	0.38	0.34	0.35	0.36	6.59	ppb
Sodium	23-2	80403.14	79192.85	85556.54	81717.51	4.14	ppb
Strontium	86-1	149.62	144.17	143.50	145.76	2.30	ppb
Strontium	88-1	155.68	145.78	150.91	150.79	3.28	ppb
Sulfur	34-1	-971.93	-2141.09	-2231.61	-1781.54		ppb
Terbium	159-1				113		%
Terbium	159-2				78		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	148.38	ppb
Tin	118-1	0.32	0.34	0.33	0.33	3.29	ppb
Titanium	47-1	1.71	1.61	1.79	1.71	5.30	ppb
Uranium	238-1	0.39	0.38	0.34	0.37	6.32	ppb
Vanadium	51-2	1.36	1.42	1.66	1.48	10.86	ppb
Yttrium	89-1				91		%
Yttrium	89-2				66		%
Zinc	66-2	16.87	16.03	16.36	16.42	2.57	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:00:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	43.27	ppb
Zirconium	91-1	0.02	0.05	0.03	0.03	56.95	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1805.04	1889.58	1773.35	1822.66	3.30	ppb
Antimony	121-1	1.25	1.09	1.18	1.17	6.59	ppb
Arsenic	75-2	2.34	2.52	2.54	2.47	4.47	ppb
Barium	135-1	147.65	143.03	141.06	143.91	2.35	ppb
Barium	137-1	152.19	143.89	141.58	145.89	3.82	ppb
Beryllium	9-1	0.46	0.56	0.61	0.54	14.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				76		%
Boron	10-1	486.71	474.90	467.60	476.40	2.02	ppb
Boron	11-1	492.83	492.78	478.74	488.12	1.66	ppb
Cadmium	111-1	2.21	1.92	2.15	2.10	7.32	ppb
Cadmium	106-1	0.02	-1.41	1.27	-0.04		ppb
Cadmium	108-1	1.76	2.20	2.43	2.13	15.89	ppb
Calcium	43-1	98206.80	93465.95	93586.31	95086.35	2.84	ppb
Calcium	44-1	100374.72	95396.92	95009.10	96926.91	3.09	ppb
Chromium	52-2	3258.19	3316.36	3187.16	3253.90	1.99	ppb
Cobalt	59-2	30.10	30.90	29.63	30.21	2.12	ppb
Copper	63-2	620.21	626.29	598.97	615.16	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				79		%
Indium	115-1				91		%
Indium	115-2				65		%
Iron	56-2	37696.46	38546.02	36408.94	37550.47	2.87	ppb
Iron	57-2	37067.21	37779.60	35503.93	36783.58	3.16	ppb
Krypton	83-1						cps
Lead	206-1	3.15	3.23	3.21	3.19	1.26	ppb
Lead	207-1	3.08	3.01	2.68	2.92	7.30	ppb
Lead	208-1	3.06	2.95	2.91	2.97	2.59	ppb
Lithium	6-1				33		%
Magnesium	24-2	26430.17	26807.33	26088.42	26441.97	1.36	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20071.01	20384.24	19312.45	19922.57	2.77	ppb
Molybdenum	94-1	6.54	5.91	6.25	6.24	5.03	ppb
Molybdenum	95-1	6.56	6.60	6.74	6.64	1.43	ppb
Molybdenum	96-1	6.80	6.75	6.62	6.72	1.36	ppb
Molybdenum	97-1	7.67	7.42	7.16	7.42	3.38	ppb
Molybdenum	98-1	6.97	6.73	6.62	6.77	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.73	91.38	86.85	89.32	2.57	ppb
Phosphorus	31-2	643.22	452.37	315.03	470.21	35.05	ppb
Potassium	39-2	5563.04	5549.67	5455.54	5522.75	1.06	ppb
Rhodium	103-1				83		%
Rhodium	103-2				74		%
Scandium	45-1				65		%
Scandium	45-2				60		%
Selenium	77-2	17.49	26.36	30.64	24.83	27.02	ppb
Selenium	78-2	5.17	4.31	1.20	3.56	58.68	ppb
Selenium	82-1	18.14	16.65	18.85	17.88	6.27	ppb
Silicon	28-1	10702.99	10052.37	9689.22	10148.20	5.06	ppb
Silver	109-1	22.00	20.09	20.14	20.74	5.25	ppb
Silver	107-1	21.54	19.93	20.06	20.51	4.35	ppb
Sodium	23-2	1165720.19	1170712.58	1150554.94	1162329.24	0.90	ppb
Strontium	86-1	221.62	207.42	209.10	212.72	3.65	ppb
Strontium	88-1	227.80	215.74	216.44	220.00	3.08	ppb
Sulfur	34-1	4229.22	1713.32	354.96	2099.17	93.64	ppb
Terbium	159-1				105		%
Terbium	159-2				77		%
Thallium	203-1	0.08	0.08	0.07	0.08	8.58	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	16.36	ppb
Tin	118-1	1.32	1.26	1.32	1.30	2.79	ppb
Titanium	47-1	21.13	20.99	20.85	20.99	0.66	ppb
Uranium	238-1	0.95	0.93	0.89	0.92	3.63	ppb
Vanadium	51-2	2.60	2.68	2.83	2.70	4.27	ppb
Yttrium	89-1				92		%
Yttrium	89-2				70		%
Zinc	66-2	77.39	80.33	76.87	78.20	2.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	0.86	0.97	0.94	7.09	ppb
Zirconium	91-1	1.16	0.91	0.88	0.99	15.65	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50235.11	47363.23	48500.39	48699.58	2.97	ppb
Antimony	121-1	515.20	507.35	503.86	508.80	1.14	ppb
Arsenic	75-2	519.17	512.75	517.89	516.60	0.66	ppb
Barium	135-1	2574.43	2553.34	2503.78	2543.85	1.43	ppb
Barium	137-1	2591.67	2591.65	2520.25	2567.85	1.61	ppb
Beryllium	9-1	619.20	634.24	606.49	619.97	2.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	615.16	647.71	624.79	629.22	2.66	ppb
Boron	11-1	624.58	640.71	621.24	628.84	1.66	ppb
Cadmium	111-1	494.14	497.08	484.90	492.04	1.29	ppb
Cadmium	106-1	504.35	510.40	496.30	503.68	1.40	ppb
Cadmium	108-1	496.94	493.33	486.00	492.09	1.13	ppb
Calcium	43-1	238671.04	239797.19	237562.99	238677.07	0.47	ppb
Calcium	44-1	240615.05	242296.51	237765.93	240225.83	0.95	ppb
Chromium	52-2	546.46	508.74	521.97	525.72	3.64	ppb
Cobalt	59-2	541.81	503.79	522.16	522.59	3.64	ppb
Copper	63-2	1083.19	996.23	1028.85	1036.09	4.24	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				95		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	132467.41	122620.88	128427.26	127838.51	3.87	ppb
Iron	57-2	133232.55	125292.14	128705.39	129076.69	3.09	ppb
Krypton	83-1						cps
Lead	206-1	500.38	513.55	498.34	504.09	1.64	ppb
Lead	207-1	504.93	514.73	500.87	506.84	1.41	ppb
Lead	208-1	511.92	512.65	504.49	509.69	0.89	ppb
Lithium	6-1				49		%
Magnesium	24-2	254848.70	239738.81	245416.18	246667.90	3.09	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1049.01	973.00	1003.24	1008.42	3.80	ppb
Molybdenum	94-1	2583.02	2589.69	2507.77	2560.16	1.78	ppb
Molybdenum	95-1	2571.45	2562.62	2477.17	2537.08	2.05	ppb
Molybdenum	96-1	2559.11	2580.56	2455.52	2531.73	2.64	ppb
Molybdenum	97-1	2582.67	2611.38	2476.27	2556.77	2.78	ppb
Molybdenum	98-1	2602.24	2592.10	2465.20	2553.18	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.90	512.62	524.88	529.80	3.79	ppb
Phosphorus	31-2	10095.11	9648.42	9692.79	9812.11	2.51	ppb
Potassium	39-2	126717.26	119591.70	120941.48	122416.81	3.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	443.07	490.89	499.07	477.67	6.33	ppb
Selenium	78-2	519.73	473.59	498.59	497.30	4.64	ppb
Selenium	82-1	500.06	500.88	488.25	496.40	1.42	ppb
Silicon	28-1	395.47	389.91	394.09	393.16	0.74	ppb
Silver	109-1	500.47	498.76	489.31	496.18	1.21	ppb
Silver	107-1	502.92	494.96	491.57	496.48	1.17	ppb
Sodium	23-2	256530.55	242247.96	245813.27	248197.26	3.00	ppb
Strontium	86-1	510.21	512.99	488.07	503.76	2.71	ppb
Strontium	88-1	513.94	517.70	496.28	509.31	2.25	ppb
Sulfur	34-1	4397.24	4474.15	4180.69	4350.69	3.50	ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	501.33	509.91	495.85	502.36	1.41	ppb
Thallium	205-1	513.67	524.01	512.26	516.65	1.24	ppb
Tin	118-1	495.57	497.41	485.89	492.96	1.25	ppb
Titanium	47-1	2537.44	2564.95	2504.98	2535.79	1.18	ppb
Uranium	238-1	519.66	529.06	512.55	520.42	1.59	ppb
Vanadium	51-2	548.17	515.00	527.81	530.33	3.15	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	1068.16	989.88	1026.74	1028.26	3.81	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.54	514.13	497.24	510.64	2.36	ppb
Zirconium	91-1	498.36	501.82	480.49	493.55	2.32	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:19:49 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.81	1.04	0.07	-0.23		ppb
Antimony	121-1	0.17	0.24	0.22	0.21	17.91	ppb
Arsenic	75-2	0.05	0.10	0.06	0.07	30.73	ppb
Barium	135-1	0.06	0.10	0.07	0.08	25.51	ppb
Barium	137-1	0.06	0.08	0.04	0.06	25.58	ppb
Beryllium	9-1	0.03	0.08	0.03	0.04	62.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	10.21	8.15	9.40	9.25	11.22	ppb
Boron	11-1	8.79	8.35	8.06	8.40	4.37	ppb
Cadmium	111-1	-0.04	-0.07	0.05	-0.02		ppb
Cadmium	106-1	-0.44	-1.01	0.64	-0.27		ppb
Cadmium	108-1	-0.13	-0.01	-0.07	-0.07		ppb
Calcium	43-1	4.39	0.23	3.72	2.78	80.28	ppb
Calcium	44-1	-1.48	-5.85	-4.47	-3.93		ppb
Chromium	52-2	0.62	0.25	0.14	0.34	74.83	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.79	0.74	0.78	0.77	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	23.56	21.21	22.63	22.47	5.27	ppb
Iron	57-2	21.74	16.44	22.58	20.25	16.44	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.09	0.10	8.94	ppb
Lead	207-1	0.07	0.08	0.07	0.08	7.07	ppb
Lead	208-1	0.10	0.10	0.09	0.10	6.77	ppb
Lithium	6-1				57		%
Magnesium	24-2	2.29	5.90	2.21	3.47	60.78	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:19:49	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.21	0.30	0.31	33.12	ppb
Molybdenum	94-1	0.12	0.15	0.14	0.13	10.40	ppb
Molybdenum	95-1	0.09	0.16	0.12	0.12	26.87	ppb
Molybdenum	96-1	0.14	0.12	0.13	0.13	7.38	ppb
Molybdenum	97-1	0.32	0.27	0.33	0.31	10.76	ppb
Molybdenum	98-1	0.11	0.15	0.12	0.13	15.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.08	0.04	0.06	44.54	ppb
Phosphorus	31-2	-44.34	-33.00	-20.95	-32.76		ppb
Potassium	39-2	85.15	54.14	61.45	66.92	24.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	-1.04	2.34	-1.04	0.09	2263.92	ppb
Selenium	78-2	0.12	0.62	0.62	0.45	64.22	ppb
Selenium	82-1	-1.55	-0.10	-0.94	-0.86		ppb
Silicon	28-1	-20.00	-24.05	-23.46	-22.50		ppb
Silver	109-1	0.13	0.13	0.09	0.12	19.63	ppb
Silver	107-1	0.11	0.11	0.10	0.10	6.04	ppb
Sodium	23-2	239.77	192.68	217.50	216.65	10.87	ppb
Strontium	86-1	-0.03	0.01	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	52.52	ppb
Sulfur	34-1	-7988.35	-8858.10	-8719.96	-8522.14		ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	-0.01	0.01	170.13	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	25.90	ppb
Tin	118-1	0.03	0.04	0.05	0.04	24.62	ppb
Titanium	47-1	0.04	-0.04	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	180.78	ppb
Vanadium	51-2	0.01	-0.02	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	0.51	0.70	0.38	0.53	29.77	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:19:49	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	23.37	ppb
Zirconium	91-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:23:19 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.41	7.04	6.33	7.59	21.22	ppb
Antimony	121-1	0.94	0.83	0.74	0.83	12.15	ppb
Arsenic	75-2	1.06	1.34	1.22	1.21	11.49	ppb
Barium	135-1	181.43	170.08	173.90	175.14	3.30	ppb
Barium	137-1	190.28	174.75	174.69	179.91	4.99	ppb
Beryllium	9-1	0.05	0.07	0.05	0.06	18.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				84		%
Boron	10-1	51.39	52.41	50.70	51.50	1.67	ppb
Boron	11-1	50.92	52.60	51.12	51.55	1.78	ppb
Cadmium	111-1	-0.04	0.00	-0.11	-0.05		ppb
Cadmium	106-1	-1.15	-1.13	-2.53	-1.60		ppb
Cadmium	108-1	-0.07	-0.02	0.04	-0.02		ppb
Calcium	43-1	98432.85	91338.56	93846.16	94539.19	3.81	ppb
Calcium	44-1	99858.58	92871.10	95803.03	96177.57	3.65	ppb
Chromium	52-2	2993.69	2922.06	2695.22	2870.32	5.43	ppb
Cobalt	59-2	0.09	0.14	0.09	0.11	24.31	ppb
Copper	63-2	5.79	5.54	4.81	5.38	9.48	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				112		%
Holmium	165-2				85		%
Indium	115-1				102		%
Indium	115-2				74		%
Iron	56-2	24.87	22.54	22.57	23.33	5.73	ppb
Iron	57-2	20.59	23.19	18.95	20.91	10.22	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.28	0.21	0.28	23.48	ppb
Lead	207-1	0.27	0.17	0.21	0.22	24.34	ppb
Lead	208-1	0.29	0.23	0.20	0.24	18.87	ppb
Lithium	6-1				44		%
Magnesium	24-2	23678.73	22819.76	21210.45	22569.65	5.55	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:23:19 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.23	1.29	1.25	1.26	2.29	ppb
Molybdenum	94-1	0.38	0.35	0.41	0.38	7.32	ppb
Molybdenum	95-1	0.52	0.53	0.45	0.50	8.86	ppb
Molybdenum	96-1	0.42	0.41	0.52	0.45	13.48	ppb
Molybdenum	97-1	0.91	0.79	0.96	0.89	10.00	ppb
Molybdenum	98-1	0.44	0.46	0.49	0.46	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.54	2.71	2.45	2.57	4.96	ppb
Phosphorus	31-2	-27.81	-28.13	-13.62	-23.19		ppb
Potassium	39-2	1860.04	1780.27	1536.26	1725.52	9.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				82		%
Scandium	45-1				78		%
Scandium	45-2				65		%
Selenium	77-2	7.92	-1.04	-1.04	1.94	265.82	ppb
Selenium	78-2	-0.34	1.14	-0.37	0.14	610.07	ppb
Selenium	82-1	0.16	-0.93	1.08	0.11	953.60	ppb
Silicon	28-1	5424.55	4921.82	5083.64	5143.33	4.99	ppb
Silver	109-1	1.22	0.74	0.58	0.85	38.74	ppb
Silver	107-1	1.20	0.80	0.64	0.88	32.84	ppb
Sodium	23-2	95676.79	90979.68	86257.38	90971.28	5.18	ppb
Strontium	86-1	196.66	182.75	189.40	189.60	3.67	ppb
Strontium	88-1	205.48	191.67	198.27	198.47	3.48	ppb
Sulfur	34-1	1113.93	-802.33	-37.05	91.52	1053.99	ppb
Terbium	159-1				112		%
Terbium	159-2				83		%
Thallium	203-1	0.01	0.00	0.00	0.00	335.45	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	91.11	ppb
Tin	118-1	0.62	0.46	0.52	0.53	15.03	ppb
Titanium	47-1	0.56	0.63	0.53	0.57	8.49	ppb
Uranium	238-1	0.66	0.64	0.62	0.64	3.16	ppb
Vanadium	51-2	1.85	1.64	1.70	1.73	6.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				73		%
Zinc	66-2	15.45	13.92	13.20	14.19	8.10	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:23:19	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.02	0.03	35.31	ppb
Zirconium	91-1	0.02	0.05	0.04	0.03	53.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:26:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	720.77	734.58	683.43	712.93	3.71	ppb
Antimony	121-1	1.22	1.16	1.13	1.17	3.98	ppb
Arsenic	75-2	2.84	2.74	2.34	2.64	10.13	ppb
Barium	135-1	24.92	22.85	22.38	23.39	5.78	ppb
Barium	137-1	24.52	23.09	22.92	23.51	3.75	ppb
Beryllium	9-1	0.20	0.13	0.21	0.18	25.45	ppb
Bismuth	209-1				112		%
Bismuth	209-2				85		%
Boron	10-1	289.47	307.12	304.63	300.41	3.18	ppb
Boron	11-1	301.93	303.45	310.11	305.16	1.43	ppb
Cadmium	111-1	0.64	0.70	0.65	0.67	4.82	ppb
Cadmium	106-1	-1.17	-1.25	-1.22	-1.21		ppb
Cadmium	108-1	1.06	0.76	0.47	0.76	38.86	ppb
Calcium	43-1	29897.32	27461.06	27543.53	28300.64	4.89	ppb
Calcium	44-1	29960.41	28039.64	28364.53	28788.19	3.57	ppb
Chromium	52-2	1197.64	1260.52	1163.59	1207.25	4.07	ppb
Cobalt	59-2	22.92	24.28	22.54	23.25	3.92	ppb
Copper	63-2	121.30	126.00	117.45	121.58	3.52	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				118		%
Holmium	165-2				86		%
Indium	115-1				103		%
Indium	115-2				72		%
Iron	56-2	70759.41	75424.41	70677.34	72287.06	3.76	ppb
Iron	57-2	70127.44	74072.98	68839.20	71013.21	3.84	ppb
Krypton	83-1						cps
Lead	206-1	2.63	2.60	2.38	2.54	5.32	ppb
Lead	207-1	2.36	2.32	2.26	2.31	2.22	ppb
Lead	208-1	2.55	2.40	2.32	2.43	4.81	ppb
Lithium	6-1				37		%
Magnesium	24-2	8272.10	8771.99	8136.92	8393.67	3.99	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:26:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23624.19	25104.01	23063.84	23930.68	4.40	ppb
Molybdenum	94-1	3.38	2.78	2.94	3.04	10.28	ppb
Molybdenum	95-1	3.81	3.44	3.38	3.55	6.46	ppb
Molybdenum	96-1	3.90	3.49	3.50	3.63	6.45	ppb
Molybdenum	97-1	3.97	4.08	4.12	4.06	1.95	ppb
Molybdenum	98-1	3.65	3.22	3.46	3.44	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.40	79.02	72.62	75.01	4.65	ppb
Phosphorus	31-2	516.34	764.14	755.40	678.63	20.72	ppb
Potassium	39-2	11296.12	11671.50	10823.54	11263.72	3.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				82		%
Scandium	45-1				73		%
Scandium	45-2				63		%
Selenium	77-2	3.45	-1.04	11.78	4.73	137.49	ppb
Selenium	78-2	1.95	1.30	3.96	2.40	57.75	ppb
Selenium	82-1	-1.53	-0.33	-1.67	-1.18		ppb
Silicon	28-1	5441.79	4999.76	5035.74	5159.09	4.76	ppb
Silver	109-1	4.82	4.35	4.37	4.51	5.84	ppb
Silver	107-1	4.60	4.43	4.17	4.40	4.92	ppb
Sodium	23-2	245631.32	253699.97	235995.79	245109.03	3.62	ppb
Strontium	86-1	249.90	231.13	231.61	237.54	4.50	ppb
Strontium	88-1	258.25	241.35	237.01	245.53	4.57	ppb
Sulfur	34-1	4161.84	680.41	594.25	1812.17	112.31	ppb
Terbium	159-1				117		%
Terbium	159-2				84		%
Thallium	203-1	0.10	0.09	0.09	0.09	4.91	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	10.61	ppb
Tin	118-1	2.03	2.12	2.04	2.06	2.43	ppb
Titanium	47-1	4.42	4.15	4.21	4.26	3.33	ppb
Uranium	238-1	0.14	0.12	0.13	0.13	5.13	ppb
Vanadium	51-2	1.29	1.58	1.24	1.37	13.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				72		%
Zinc	66-2	122.18	126.82	113.51	120.84	5.59	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:26:46	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.42	0.42	0.42	1.78	ppb
Zirconium	91-1	0.45	0.44	0.48	0.45	4.54	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-19 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:30:12 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1142.14	1318.07	1404.42	1288.21	10.38	ppb
Antimony	121-1	1.22	1.23	1.24	1.23	0.77	ppb
Arsenic	75-2	2.85	2.69	3.29	2.95	10.56	ppb
Barium	135-1	8.72	7.98	8.78	8.49	5.22	ppb
Barium	137-1	8.67	8.45	8.56	8.56	1.29	ppb
Beryllium	9-1	0.09	0.06	0.06	0.07	26.00	ppb
Bismuth	209-1				115		%
Bismuth	209-2				88		%
Boron	10-1	60.27	45.08	50.08	51.81	14.95	ppb
Boron	11-1	55.54	49.59	53.46	52.86	5.71	ppb
Cadmium	111-1	0.18	-0.13	0.01	0.02	711.51	ppb
Cadmium	106-1	-1.44	-3.11	-2.24	-2.26		ppb
Cadmium	108-1	0.04	0.19	0.38	0.20	82.51	ppb
Calcium	43-1	2611.22	2395.75	2524.05	2510.34	4.32	ppb
Calcium	44-1	2689.00	2450.95	2694.33	2611.43	5.32	ppb
Chromium	52-2	5531.74	6046.92	6269.97	5949.54	6.36	ppb
Cobalt	59-2	0.78	0.94	0.94	0.89	10.30	ppb
Copper	63-2	181.15	195.12	204.52	193.60	6.07	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				119		%
Holmium	165-2				89		%
Indium	115-1				102		%
Indium	115-2				73		%
Iron	56-2	700.50	754.59	792.72	749.27	6.18	ppb
Iron	57-2	705.19	717.05	784.14	735.46	5.79	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.07	1.21	1.17	7.75	ppb
Lead	207-1	0.99	0.95	1.19	1.04	11.94	ppb
Lead	208-1	1.13	0.99	1.10	1.07	6.76	ppb
Lithium	6-1				35		%
Magnesium	24-2	1590.55	1709.84	1853.76	1718.05	7.67	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.63	87.18	92.35	86.72	6.77	ppb
Molybdenum	94-1	2.45	2.05	2.30	2.27	8.91	ppb
Molybdenum	95-1	1.93	1.72	1.91	1.86	6.10	ppb
Molybdenum	96-1	2.03	1.84	2.21	2.03	9.23	ppb
Molybdenum	97-1	2.68	2.43	2.62	2.58	5.06	ppb
Molybdenum	98-1	2.06	1.95	2.09	2.03	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.45	14.90	15.02	14.45	6.03	ppb
Phosphorus	31-2	398.32	447.72	506.58	450.87	12.02	ppb
Potassium	39-2	563.32	602.43	672.03	612.60	8.99	ppb
Rhodium	103-1				95		%
Rhodium	103-2				84		%
Scandium	45-1				70		%
Scandium	45-2				64		%
Selenium	77-2	3.16	-1.04	-1.04	0.36	673.03	ppb
Selenium	78-2	0.32	0.37	0.45	0.38	17.32	ppb
Selenium	82-1	2.73	2.45	3.36	2.85	16.44	ppb
Silicon	28-1	859.83	787.63	869.73	839.06	5.34	ppb
Silver	109-1	12.53	11.71	12.47	12.24	3.73	ppb
Silver	107-1	12.36	11.29	12.22	11.96	4.88	ppb
Sodium	23-2	262789.46	291911.71	301663.33	285454.83	7.09	ppb
Strontium	86-1	12.10	11.77	12.02	11.96	1.47	ppb
Strontium	88-1	12.53	11.66	12.39	12.19	3.82	ppb
Sulfur	34-1	-9461.81	-11852.04	-10946.65	-10753.50		ppb
Terbium	159-1				118		%
Terbium	159-2				87		%
Thallium	203-1	0.04	0.03	0.01	0.03	52.75	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	23.18	ppb
Tin	118-1	0.50	0.48	0.48	0.49	3.01	ppb
Titanium	47-1	3.45	2.75	2.54	2.91	16.48	ppb
Uranium	238-1	0.46	0.37	0.46	0.43	11.29	ppb
Vanadium	51-2	2.48	2.98	3.04	2.83	10.75	ppb
Yttrium	89-1				96		%
Yttrium	89-2				74		%
Zinc	66-2	21.18	24.01	25.35	23.52	9.06	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.62	0.67	0.74	0.68	9.08	ppb
Zirconium	91-1	0.55	0.64	0.74	0.64	14.46	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:33:40 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.49	80.15	68.39	72.68	8.94	ppb
Antimony	121-1	0.93	0.89	0.87	0.89	3.32	ppb
Arsenic	75-2	1.45	1.07	1.11	1.21	17.28	ppb
Barium	135-1	170.81	171.61	166.08	169.50	1.76	ppb
Barium	137-1	169.68	174.75	171.22	171.88	1.51	ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	19.31	ppb
Bismuth	209-1				124		%
Bismuth	209-2				86		%
Boron	10-1	61.05	64.89	65.32	63.75	3.69	ppb
Boron	11-1	62.44	64.85	63.33	63.54	1.92	ppb
Cadmium	111-1	-0.16	-0.16	-0.21	-0.18		ppb
Cadmium	106-1	-2.48	-2.50	-2.91	-2.63		ppb
Cadmium	108-1	-0.02	0.08	-0.08	-0.01		ppb
Calcium	43-1	89214.96	92625.79	88499.51	90113.42	2.45	ppb
Calcium	44-1	90651.72	92970.26	90466.38	91362.78	1.53	ppb
Chromium	52-2	2614.32	2655.66	2715.88	2661.95	1.92	ppb
Cobalt	59-2	0.17	0.27	0.24	0.23	21.99	ppb
Copper	63-2	5.30	5.05	5.38	5.24	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				85		%
Indium	115-1				107		%
Indium	115-2				71		%
Iron	56-2	108.67	114.86	115.97	113.17	3.48	ppb
Iron	57-2	109.23	119.28	111.67	113.40	4.62	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.25	0.21	0.22	12.26	ppb
Lead	207-1	0.19	0.19	0.18	0.19	2.69	ppb
Lead	208-1	0.19	0.24	0.20	0.21	12.52	ppb
Lithium	6-1				35		%
Magnesium	24-2	18020.91	18098.87	19127.82	18415.86	3.35	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.09	24.78	26.28	25.38	3.11	ppb
Molybdenum	94-1	2.10	2.02	2.12	2.08	2.63	ppb
Molybdenum	95-1	2.79	2.55	2.80	2.71	5.12	ppb
Molybdenum	96-1	2.71	2.69	2.46	2.62	5.26	ppb
Molybdenum	97-1	3.39	3.04	3.40	3.28	6.16	ppb
Molybdenum	98-1	2.78	2.65	2.79	2.74	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.40	15.64	15.55	15.53	0.79	ppb
Phosphorus	31-2	-10.40	-27.15	-44.34	-27.30		ppb
Potassium	39-2	1919.62	1991.70	1973.70	1961.67	1.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				81		%
Scandium	45-1				73		%
Scandium	45-2				60		%
Selenium	77-2	-1.04	8.35	3.56	3.62	129.64	ppb
Selenium	78-2	0.45	-0.31	4.35	1.50	166.90	ppb
Selenium	82-1	1.82	0.23	-1.31	0.25	626.14	ppb
Silicon	28-1	5115.16	5150.69	5025.70	5097.18	1.26	ppb
Silver	109-1	0.15	0.12	0.12	0.13	12.58	ppb
Silver	107-1	0.14	0.14	0.10	0.12	17.88	ppb
Sodium	23-2	94866.33	97593.02	100217.51	97558.95	2.74	ppb
Strontium	86-1	133.52	136.01	132.55	134.03	1.33	ppb
Strontium	88-1	139.08	138.59	134.77	137.48	1.71	ppb
Sulfur	34-1	-5077.79	-4101.08	-4594.81	-4591.23		ppb
Terbium	159-1				123		%
Terbium	159-2				84		%
Thallium	203-1	0.00	-0.01	0.02	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.32	0.32	0.26	0.30	10.76	ppb
Titanium	47-1	1.58	1.66	1.73	1.66	4.56	ppb
Uranium	238-1	0.27	0.24	0.24	0.25	6.34	ppb
Vanadium	51-2	2.27	2.03	1.98	2.09	7.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				70		%
Zinc	66-2	10.47	11.12	11.79	11.13	5.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.09	0.09	3.81	ppb
Zirconium	91-1	0.09	0.05	0.07	0.07	27.56	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-23 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:37:08 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.56	44.04	25.51	37.71	28.01	ppb
Antimony	121-1	0.84	0.89	0.78	0.84	6.59	ppb
Arsenic	75-2	1.84	1.84	1.46	1.71	12.91	ppb
Barium	135-1	30.58	31.11	30.68	30.79	0.91	ppb
Barium	137-1	31.28	32.19	30.78	31.42	2.27	ppb
Beryllium	9-1	0.07	0.05	0.03	0.05	37.71	ppb
Bismuth	209-1				119		%
Bismuth	209-2				86		%
Boron	10-1	1943.55	2035.37	2025.68	2001.53	2.52	ppb
Boron	11-1	1931.11	2014.59	1983.42	1976.37	2.13	ppb
Cadmium	111-1	-0.07	-0.19	-0.23	-0.16		ppb
Cadmium	106-1	-1.18	-3.03	-3.46	-2.56		ppb
Cadmium	108-1	0.42	0.15	0.19	0.25	59.20	ppb
Calcium	43-1	49550.20	50516.62	48067.73	49378.19	2.50	ppb
Calcium	44-1	50453.44	51503.57	48491.04	50149.35	3.05	ppb
Chromium	52-2	44.43	43.00	39.12	42.18	6.52	ppb
Cobalt	59-2	1.22	1.18	1.21	1.21	2.02	ppb
Copper	63-2	21.52	21.62	19.74	20.96	5.05	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				123		%
Holmium	165-2				85		%
Indium	115-1				105		%
Indium	115-2				69		%
Iron	56-2	2488.85	2552.61	2288.33	2443.27	5.64	ppb
Iron	57-2	2439.59	2594.38	2273.13	2435.70	6.60	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.64	0.69	0.69	8.42	ppb
Lead	207-1	0.67	0.51	0.52	0.57	16.25	ppb
Lead	208-1	0.63	0.58	0.58	0.59	4.88	ppb
Lithium	6-1				34		%
Magnesium	24-2	21592.87	21783.55	19835.09	21070.51	5.10	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-23 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:37:08 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2285.42	2319.05	2089.68	2231.38	5.55	ppb
Molybdenum	94-1	6.30	6.49	6.38	6.39	1.48	ppb
Molybdenum	95-1	7.96	7.96	7.67	7.86	2.12	ppb
Molybdenum	96-1	8.18	7.98	7.53	7.90	4.22	ppb
Molybdenum	97-1	8.79	8.96	7.67	8.47	8.24	ppb
Molybdenum	98-1	7.95	8.03	8.09	8.02	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.78	3.78	3.69	3.75	1.36	ppb
Phosphorus	31-2	254.69	381.91	343.47	326.69	19.97	ppb
Potassium	39-2	4363.92	4407.41	4004.41	4258.58	5.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				80		%
Scandium	45-1				72		%
Scandium	45-2				61		%
Selenium	77-2	-1.04	8.58	7.90	5.15	104.32	ppb
Selenium	78-2	1.34	-0.29	-1.10	-0.02		ppb
Selenium	82-1	-0.95	-1.66	-0.21	-0.94		ppb
Silicon	28-1	14328.08	14701.78	13549.18	14193.01	4.14	ppb
Silver	109-1	0.39	0.39	0.42	0.40	4.42	ppb
Silver	107-1	0.44	0.47	0.41	0.44	6.60	ppb
Sodium	23-2	462097.40	465563.94	421639.48	449766.94	5.43	ppb
Strontium	86-1	583.18	594.86	570.40	582.81	2.10	ppb
Strontium	88-1	595.89	596.71	579.78	590.79	1.62	ppb
Sulfur	34-1	-8807.46	-8816.83	-10360.23	-9328.17		ppb
Terbium	159-1				121		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	87.95	ppb
Tin	118-1	0.36	0.37	0.41	0.38	7.49	ppb
Titanium	47-1	1.99	2.61	2.45	2.35	13.76	ppb
Uranium	238-1	1.12	1.06	1.03	1.07	4.25	ppb
Vanadium	51-2	2.12	2.12	2.13	2.12	0.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				69		%
Zinc	66-2	14.71	14.12	12.21	13.68	9.54	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:37:08	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.66	0.66	0.64	6.06	ppb
Zirconium	91-1	0.52	0.62	0.62	0.59	9.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.61	3.66	4.92	5.06	29.26	ppb
Antimony	121-1	0.30	0.32	0.27	0.30	9.21	ppb
Arsenic	75-2	0.16	0.11	0.19	0.16	25.65	ppb
Barium	135-1	33.17	34.89	35.34	34.47	3.32	ppb
Barium	137-1	33.71	36.11	36.50	35.44	4.26	ppb
Beryllium	9-1	0.05	0.03	0.00	0.02	91.50	ppb
Bismuth	209-1				125		%
Bismuth	209-2				102		%
Boron	10-1	30.26	30.97	30.37	30.53	1.26	ppb
Boron	11-1	31.77	33.15	32.10	32.34	2.23	ppb
Cadmium	111-1	-0.19	0.00	-0.08	-0.09		ppb
Cadmium	106-1	-3.28	-0.77	-1.76	-1.94		ppb
Cadmium	108-1	0.02	0.09	-0.08	0.01	769.33	ppb
Calcium	43-1	18437.84	19778.15	19615.16	19277.05	3.79	ppb
Calcium	44-1	18773.57	20204.51	20348.95	19775.68	4.40	ppb
Chromium	52-2	542.58	537.56	553.71	544.61	1.52	ppb
Cobalt	59-2	0.10	0.08	0.10	0.09	13.57	ppb
Copper	63-2	1.75	1.86	1.95	1.86	5.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				99		%
Indium	115-1				111		%
Indium	115-2				86		%
Iron	56-2	9.85	10.39	11.92	10.72	10.02	ppb
Iron	57-2	9.01	13.38	7.35	9.91	31.40	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.12	0.08	0.09	33.78	ppb
Lead	207-1	0.07	0.09	0.09	0.09	12.15	ppb
Lead	208-1	0.07	0.08	0.08	0.08	6.06	ppb
Lithium	6-1				41		%
Magnesium	24-2	3786.51	3765.72	3838.13	3796.78	0.98	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.59	92.41	93.71	92.57	1.16	ppb
Molybdenum	94-1	0.10	0.12	0.07	0.10	24.85	ppb
Molybdenum	95-1	0.09	0.13	0.12	0.11	19.82	ppb
Molybdenum	96-1	0.12	0.11	0.10	0.11	5.78	ppb
Molybdenum	97-1	0.27	0.42	0.43	0.38	23.43	ppb
Molybdenum	98-1	0.11	0.12	0.12	0.11	6.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.51	0.55	0.54	4.84	ppb
Phosphorus	31-2	-30.78	-16.74	-44.34	-30.62		ppb
Potassium	39-2	331.34	302.25	321.76	318.45	4.65	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				84		%
Scandium	45-2				76		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.46	0.18	-0.44	-0.24		ppb
Selenium	82-1	-0.32	-1.43	-1.90	-1.22		ppb
Silicon	28-1	927.35	1005.86	975.40	969.54	4.08	ppb
Silver	109-1	0.11	0.10	0.10	0.10	3.64	ppb
Silver	107-1	0.09	0.09	0.06	0.08	22.43	ppb
Sodium	23-2	16258.09	16310.05	16696.14	16421.43	1.46	ppb
Strontium	86-1	29.10	30.88	32.20	30.73	5.06	ppb
Strontium	88-1	29.09	32.00	32.41	31.17	5.81	ppb
Sulfur	34-1	-9398.90	-7749.00	-7782.29	-8310.06		ppb
Terbium	159-1				123		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.05	0.04	0.04	8.66	ppb
Titanium	47-1	1.90	0.27	0.37	0.85	108.36	ppb
Uranium	238-1	0.05	0.10	0.07	0.07	30.71	ppb
Vanadium	51-2	0.28	0.28	0.34	0.30	11.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				84		%
Zinc	66-2	4.54	4.04	5.15	4.58	12.12	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.01	0.00	5077.05	ppb
Zirconium	91-1	0.02	0.01	0.02	0.01	25.30	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:45:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.24	0.80	3.49	3.18	70.35	ppb
Antimony	121-1	0.06	0.04	0.03	0.04	36.85	ppb
Arsenic	75-2	0.09	0.04	0.07	0.07	43.42	ppb
Barium	135-1	77.72	79.02	77.60	78.11	1.01	ppb
Barium	137-1	79.56	78.67	79.61	79.28	0.66	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	106.53	ppb
Bismuth	209-1				125		%
Bismuth	209-2				102		%
Boron	10-1	20.20	22.73	22.10	21.68	6.08	ppb
Boron	11-1	22.69	22.67	22.28	22.55	1.01	ppb
Cadmium	111-1	-0.08	-0.09	-0.08	-0.08		ppb
Cadmium	106-1	-1.47	-1.57	-1.17	-1.40		ppb
Cadmium	108-1	-0.08	-0.13	0.29	0.03	844.73	ppb
Calcium	43-1	14631.48	14549.01	14403.18	14527.89	0.80	ppb
Calcium	44-1	15032.73	14923.60	14605.92	14854.08	1.49	ppb
Chromium	52-2	65.86	60.25	63.60	63.24	4.46	ppb
Cobalt	59-2	2.84	2.67	2.70	2.73	3.27	ppb
Copper	63-2	1.87	1.90	1.77	1.84	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				101		%
Indium	115-1				113		%
Indium	115-2				89		%
Iron	56-2	2211.88	2016.22	2143.77	2123.96	4.68	ppb
Iron	57-2	2203.76	2043.42	2117.17	2121.45	3.78	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.33	0.24	0.26	25.43	ppb
Lead	207-1	0.21	0.22	0.23	0.22	2.81	ppb
Lead	208-1	0.24	0.25	0.22	0.24	7.28	ppb
Lithium	6-1				45		%
Magnesium	24-2	3165.41	2886.53	3066.52	3039.49	4.65	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:45:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1517.08	1373.36	1467.52	1452.65	5.03	ppb
Molybdenum	94-1	0.02	0.03	-0.01	0.02	159.42	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	18.56	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	12.12	ppb
Molybdenum	97-1	0.33	0.31	0.21	0.28	24.02	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	39.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.89	6.09	6.96	6.65	7.25	ppb
Phosphorus	31-2	-30.76	-31.88	-31.25	-31.30		ppb
Potassium	39-2	147.27	134.53	127.99	136.60	7.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				80		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.46	1.88	0.16	0.53	230.66	ppb
Selenium	82-1	0.06	-0.33	-0.98	-0.41		ppb
Silicon	28-1	705.32	709.31	719.14	711.25	1.00	ppb
Silver	109-1	0.10	0.09	0.06	0.08	19.83	ppb
Silver	107-1	0.07	0.07	0.09	0.08	13.02	ppb
Sodium	23-2	10993.91	10074.89	10693.17	10587.32	4.43	ppb
Strontium	86-1	23.41	22.01	22.29	22.57	3.30	ppb
Strontium	88-1	22.76	22.65	22.19	22.53	1.34	ppb
Sulfur	34-1	-8835.81	-8706.61	-8911.02	-8817.81		ppb
Terbium	159-1				124		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.10	0.10	0.03	0.08	50.09	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	41.33	ppb
Vanadium	51-2	0.05	0.05	0.08	0.06	25.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				88		%
Zinc	66-2	1.11	0.99	1.19	1.10	8.94	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:45:44	DataFile Name :	040SMPL.d

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

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-09DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 13:49:12 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.90	9.16	10.52	9.53	9.13	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	19.07	ppb
Arsenic	75-2	0.04	0.04	0.06	0.04	21.08	ppb
Barium	135-1	11.49	9.67	8.75	9.97	14.03	ppb
Barium	137-1	11.55	9.14	8.83	9.84	15.10	ppb
Beryllium	9-1	0.05	0.03	0.02	0.04	37.92	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	37.65	28.08	28.50	31.41	17.22	ppb
Boron	11-1	35.71	29.09	31.37	32.06	10.50	ppb
Cadmium	111-1	-0.11	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	-2.08	-2.10	-2.00	-2.06		ppb
Cadmium	108-1	-0.06	0.09	-0.03	0.00		ppb
Calcium	43-1	7021.87	5757.98	5325.08	6034.98	14.61	ppb
Calcium	44-1	7272.78	5926.62	5351.65	6183.68	15.95	ppb
Chromium	52-2	29.98	31.18	31.29	30.82	2.36	ppb
Cobalt	59-2	0.37	0.35	0.34	0.35	4.63	ppb
Copper	63-2	2.09	2.21	2.28	2.19	4.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	1125.91	1143.46	1148.47	1139.28	1.04	ppb
Iron	57-2	1104.92	1155.23	1122.92	1127.69	2.26	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.03	0.05	0.06	51.91	ppb
Lead	207-1	0.08	0.01	0.04	0.05	81.11	ppb
Lead	208-1	0.08	0.04	0.05	0.06	30.06	ppb
Lithium	6-1				46		%
Magnesium	24-2	1313.88	1319.87	1363.64	1332.47	2.04	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-09DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 13:49:12 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1528.80	1551.43	1558.96	1546.39	1.01	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	7.82	ppb
Molybdenum	95-1	0.13	0.07	0.06	0.09	41.71	ppb
Molybdenum	96-1	0.11	0.10	0.08	0.10	19.32	ppb
Molybdenum	97-1	0.31	0.32	0.23	0.29	17.74	ppb
Molybdenum	98-1	0.08	0.11	0.06	0.08	28.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	3.43	3.25	3.26	5.23	ppb
Phosphorus	31-2	-18.59	-44.34	-18.11	-27.02		ppb
Potassium	39-2	171.82	181.85	162.12	171.93	5.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				85		%
Scandium	45-2				80		%
Selenium	77-2	2.66	2.67	2.62	2.65	0.95	ppb
Selenium	78-2	0.15	-1.10	-0.48	-0.48		ppb
Selenium	82-1	-1.81	-0.86	0.66	-0.67		ppb
Silicon	28-1	479.32	370.57	344.68	398.19	17.94	ppb
Silver	109-1	0.07	0.05	0.04	0.05	31.21	ppb
Silver	107-1	0.07	0.03	0.05	0.05	38.32	ppb
Sodium	23-2	10549.48	10763.42	10946.31	10753.07	1.85	ppb
Strontium	86-1	19.86	15.98	14.94	16.93	15.30	ppb
Strontium	88-1	19.88	15.56	14.86	16.77	16.20	ppb
Sulfur	34-1	-1781.42	-7015.78	-8242.53	-5679.91		ppb
Terbium	159-1				114		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.03	-0.03	-0.02		ppb
Titanium	47-1	0.11	0.12	0.05	0.09	40.19	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	23.84	ppb
Vanadium	51-2	0.04	0.05	0.03	0.04	16.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				87		%
Zinc	66-2	1.57	1.40	1.17	1.38	14.72	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 13:49:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.02	0.01	110.69	ppb
Zirconium	91-1	0.01	-0.02	0.02	0.00	604.82	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-11DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 13:52:41 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.97	2.99	2.28	4.08	61.91	ppb
Antimony	121-1	0.28	0.21	0.21	0.24	17.56	ppb
Arsenic	75-2	0.19	0.28	0.04	0.17	71.51	ppb
Barium	135-1	32.26	30.78	30.91	31.32	2.61	ppb
Barium	137-1	33.45	31.52	31.51	32.16	3.47	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	22.08	ppb
Bismuth	209-1				128		%
Bismuth	209-2				102		%
Boron	10-1	15.86	17.14	18.64	17.21	8.09	ppb
Boron	11-1	17.20	18.07	18.87	18.05	4.62	ppb
Cadmium	111-1	-0.10	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	-1.95	-1.84	-2.07	-1.95		ppb
Cadmium	108-1	0.03	-0.03	0.08	0.03	202.70	ppb
Calcium	43-1	17557.31	17649.19	17969.59	17725.36	1.22	ppb
Calcium	44-1	18010.92	17869.82	18302.69	18061.14	1.22	ppb
Chromium	52-2	536.17	494.70	505.00	511.95	4.22	ppb
Cobalt	59-2	0.08	0.07	0.10	0.08	19.84	ppb
Copper	63-2	1.90	1.86	1.76	1.84	3.93	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				100		%
Indium	115-1				114		%
Indium	115-2				87		%
Iron	56-2	12.21	9.60	10.35	10.72	12.56	ppb
Iron	57-2	12.26	13.54	6.01	10.61	37.97	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.08	0.08	16.15	ppb
Lead	207-1	0.07	0.05	0.08	0.07	27.75	ppb
Lead	208-1	0.08	0.08	0.06	0.07	12.96	ppb
Lithium	6-1				45		%
Magnesium	24-2	3763.62	3408.66	3534.58	3568.95	5.04	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-11DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 13:52:41 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	86.96	79.38	83.37	83.24	4.56	ppb
Molybdenum	94-1	0.05	0.10	0.13	0.09	41.46	ppb
Molybdenum	95-1	0.12	0.09	0.08	0.10	17.67	ppb
Molybdenum	96-1	0.14	0.11	0.08	0.11	28.44	ppb
Molybdenum	97-1	0.34	0.31	0.20	0.28	26.64	ppb
Molybdenum	98-1	0.10	0.08	0.06	0.08	26.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.49	0.58	0.59	19.15	ppb
Phosphorus	31-2	-44.34	-31.48	-31.06	-35.63		ppb
Potassium	39-2	312.62	249.16	306.81	289.53	12.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				97		%
Scandium	45-1				88		%
Scandium	45-2				78		%
Selenium	77-2	-1.04	6.31	2.67	2.65	138.91	ppb
Selenium	78-2	0.23	-1.10	0.15	-0.24		ppb
Selenium	82-1	-1.03	-0.33	-0.55	-0.63		ppb
Silicon	28-1	903.56	916.99	923.14	914.56	1.09	ppb
Silver	109-1	0.17	0.14	0.11	0.14	20.27	ppb
Silver	107-1	0.11	0.13	0.12	0.12	5.85	ppb
Sodium	23-2	16186.18	14954.81	14966.22	15369.07	4.60	ppb
Strontium	86-1	29.60	28.33	28.64	28.86	2.29	ppb
Strontium	88-1	29.11	28.60	28.83	28.85	0.88	ppb
Sulfur	34-1	-6974.70	-7106.79	-6870.69	-6984.06		ppb
Terbium	159-1				126		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.05	-0.01	0.02	0.02	145.30	ppb
Titanium	47-1	0.25	0.22	0.36	0.28	24.95	ppb
Uranium	238-1	0.06	0.07	0.08	0.07	10.13	ppb
Vanadium	51-2	0.32	0.35	0.28	0.32	10.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				86		%
Zinc	66-2	3.87	3.37	2.78	3.34	16.32	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:52:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	191.64	ppb
Zirconium	91-1	-0.02	0.01	-0.02	-0.01		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:56:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.12	95.40	92.80	94.77	1.85	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	25.89	ppb
Arsenic	75-2	0.09	0.14	0.16	0.13	27.21	ppb
Barium	135-1	6.92	8.18	7.67	7.59	8.32	ppb
Barium	137-1	7.10	7.83	7.79	7.57	5.42	ppb
Beryllium	9-1	0.03	0.06	0.06	0.05	32.00	ppb
Bismuth	209-1				123		%
Bismuth	209-2				102		%
Boron	10-1	30.00	31.80	31.01	30.94	2.91	ppb
Boron	11-1	30.87	34.42	33.42	32.90	5.55	ppb
Cadmium	111-1	0.06	0.02	-0.01	0.02	138.35	ppb
Cadmium	106-1	-0.76	-1.14	-1.38	-1.09		ppb
Cadmium	108-1	0.02	0.15	-0.08	0.03	358.25	ppb
Calcium	43-1	4568.22	4997.08	5058.97	4874.75	5.48	ppb
Calcium	44-1	4678.72	5158.22	5120.88	4985.94	5.35	ppb
Chromium	52-2	165.30	155.51	156.59	159.13	3.38	ppb
Cobalt	59-2	1.55	1.56	1.52	1.54	1.19	ppb
Copper	63-2	32.68	31.02	31.06	31.59	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				88		%
Iron	56-2	1934.72	1878.81	1884.27	1899.27	1.62	ppb
Iron	57-2	1909.01	1838.12	1916.29	1887.81	2.29	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.18	0.24	0.20	15.65	ppb
Lead	207-1	0.16	0.13	0.17	0.16	13.94	ppb
Lead	208-1	0.16	0.16	0.19	0.17	10.35	ppb
Lithium	6-1				46		%
Magnesium	24-2	1424.17	1372.30	1411.50	1402.66	1.93	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-13DLX20 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-17 13:56:09 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1046.45	1010.64	1022.60	1026.56	1.78	ppb
Molybdenum	94-1	0.32	0.37	0.41	0.37	12.80	ppb
Molybdenum	95-1	0.30	0.29	0.38	0.32	15.43	ppb
Molybdenum	96-1	0.35	0.35	0.38	0.36	4.65	ppb
Molybdenum	97-1	0.52	0.53	0.71	0.58	18.44	ppb
Molybdenum	98-1	0.34	0.33	0.38	0.35	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.09	4.23	4.90	4.74	9.46	ppb
Phosphorus	31-2	-31.05	32.08	-18.70	-5.89		ppb
Potassium	39-2	344.09	301.33	283.87	309.76	10.00	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				81		%
Selenium	77-2	6.32	-1.04	6.28	3.85	109.99	ppb
Selenium	78-2	-0.48	-0.48	-0.48	-0.48		ppb
Selenium	82-1	0.52	0.86	0.69	0.69	25.00	ppb
Silicon	28-1	529.85	587.87	572.32	563.34	5.33	ppb
Silver	109-1	1.15	1.26	1.18	1.20	4.60	ppb
Silver	107-1	1.15	1.14	1.13	1.14	0.94	ppb
Sodium	23-2	62546.25	61414.22	60491.81	61484.09	1.67	ppb
Strontium	86-1	10.62	11.99	11.33	11.31	6.04	ppb
Strontium	88-1	10.89	11.87	11.60	11.45	4.41	ppb
Sulfur	34-1	-8067.81	-6149.36	-6469.66	-6895.61		ppb
Terbium	159-1				122		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.06	0.04	0.04	31.79	ppb
Titanium	47-1	0.97	1.18	1.31	1.15	14.81	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.92	ppb
Vanadium	51-2	0.12	0.15	0.16	0.14	13.13	ppb
Yttrium	89-1				108		%
Yttrium	89-2				88		%
Zinc	66-2	4.38	4.39	3.84	4.20	7.54	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:56:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.05	0.05	14.57	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	30.42	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48222.16	49522.92	46448.38	48064.49	3.21	ppb
Antimony	121-1	456.48	504.05	496.57	485.70	5.27	ppb
Arsenic	75-2	513.62	517.88	487.26	506.25	3.28	ppb
Barium	135-1	2304.85	2525.97	2508.23	2446.35	5.02	ppb
Barium	137-1	2298.32	2581.02	2501.03	2460.12	5.92	ppb
Beryllium	9-1	559.82	618.09	612.76	596.89	5.40	ppb
Bismuth	209-1				116		%
Bismuth	209-2				97		%
Boron	10-1	546.14	633.42	643.30	607.62	8.80	ppb
Boron	11-1	548.13	608.91	625.02	594.02	6.83	ppb
Cadmium	111-1	433.97	485.94	480.47	466.80	6.12	ppb
Cadmium	106-1	443.42	488.53	484.14	472.03	5.27	ppb
Cadmium	108-1	435.81	481.07	468.28	461.72	5.05	ppb
Calcium	43-1	223021.40	242287.02	241251.80	235520.07	4.60	ppb
Calcium	44-1	222739.94	241874.96	239955.53	234856.81	4.49	ppb
Chromium	52-2	531.47	548.00	508.95	529.47	3.70	ppb
Cobalt	59-2	532.57	543.81	513.86	530.08	2.85	ppb
Copper	63-2	1065.67	1089.15	1014.32	1056.38	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				101		%
Indium	115-1				112		%
Indium	115-2				92		%
Iron	56-2	128473.05	131118.93	124438.36	128010.11	2.63	ppb
Iron	57-2	130844.12	134342.77	126213.23	130466.71	3.13	ppb
Krypton	83-1						cps
Lead	206-1	439.29	512.50	508.21	486.67	8.44	ppb
Lead	207-1	438.03	514.79	507.53	486.78	8.71	ppb
Lead	208-1	446.19	517.04	512.26	491.83	8.05	ppb
Lithium	6-1				55		%
Magnesium	24-2	247018.19	255762.79	239400.35	247393.77	3.31	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.24	1036.43	976.54	1005.74	2.98	ppb
Molybdenum	94-1	2355.38	2571.18	2581.12	2502.56	5.10	ppb
Molybdenum	95-1	2342.25	2577.20	2564.18	2494.54	5.29	ppb
Molybdenum	96-1	2343.58	2556.03	2548.17	2482.59	4.85	ppb
Molybdenum	97-1	2364.63	2578.53	2590.85	2511.34	5.07	ppb
Molybdenum	98-1	2358.15	2572.53	2557.38	2496.02	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.96	552.29	518.89	535.05	3.13	ppb
Phosphorus	31-2	9789.51	10223.49	9082.13	9698.38	5.94	ppb
Potassium	39-2	120350.66	124016.47	116029.91	120132.34	3.33	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	448.80	460.46	465.44	458.23	1.86	ppb
Selenium	78-2	470.25	459.98	443.70	457.98	2.92	ppb
Selenium	82-1	453.68	498.98	496.29	482.98	5.26	ppb
Silicon	28-1	343.76	392.60	380.22	372.19	6.82	ppb
Silver	109-1	433.59	491.04	480.70	468.45	6.54	ppb
Silver	107-1	435.22	485.84	475.67	465.57	5.75	ppb
Sodium	23-2	248711.73	257862.01	239565.50	248713.08	3.68	ppb
Strontium	86-1	460.51	505.60	508.68	491.60	5.49	ppb
Strontium	88-1	461.52	517.44	510.60	496.52	6.14	ppb
Sulfur	34-1	4034.25	6872.52	6562.97	5823.25	26.74	ppb
Terbium	159-1				121		%
Terbium	159-2				99		%
Thallium	203-1	436.55	502.03	499.81	479.46	7.75	ppb
Thallium	205-1	446.92	521.68	525.82	498.14	8.91	ppb
Tin	118-1	438.40	489.70	480.42	469.51	5.82	ppb
Titanium	47-1	2326.78	2617.45	2547.03	2497.09	6.07	ppb
Uranium	238-1	457.34	536.42	524.68	506.15	8.43	ppb
Vanadium	51-2	536.59	553.70	516.93	535.74	3.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	1052.82	1082.74	1004.47	1046.68	3.77	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	465.42	508.91	521.98	498.77	5.94	ppb
Zirconium	91-1	451.23	496.58	498.51	482.11	5.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:05:54	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	3.89	-1.02	1.30	189.31	ppb
Antimony	121-1	0.15	0.16	0.19	0.17	14.63	ppb
Arsenic	75-2	0.02	0.10	0.07	0.06	65.15	ppb
Barium	135-1	0.01	0.02	0.02	0.01	48.61	ppb
Barium	137-1	0.02	-0.01	0.00	0.00	270.28	ppb
Beryllium	9-1	0.04	0.04	0.01	0.03	61.43	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	7.43	6.61	9.50	7.84	19.01	ppb
Boron	11-1	7.30	7.93	8.21	7.81	5.98	ppb
Cadmium	111-1	-0.09	-0.14	0.01	-0.07		ppb
Cadmium	106-1	-1.51	-1.80	0.01	-1.10		ppb
Cadmium	108-1	-0.02	0.10	-0.01	0.02	299.99	ppb
Calcium	43-1	1.86	-2.12	-1.62	-0.63		ppb
Calcium	44-1	-22.05	-22.08	-7.26	-17.13		ppb
Chromium	52-2	0.13	0.18	0.45	0.25	68.18	ppb
Cobalt	59-2	-0.02	-0.02	0.02	-0.01		ppb
Copper	63-2	0.73	0.70	0.79	0.74	6.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	1.39	0.79	0.62	0.93	43.13	ppb
Iron	57-2	-1.10	0.30	1.72	0.31	459.36	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.13	0.11	15.40	ppb
Lead	207-1	0.09	0.11	0.08	0.09	14.06	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.46	ppb
Lithium	6-1				57		%
Magnesium	24-2	2.33	-1.50	0.70	0.51	376.76	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:05:54	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.00	0.07	0.06	96.06	ppb
Molybdenum	94-1	0.12	0.11	0.09	0.11	17.75	ppb
Molybdenum	95-1	0.07	0.10	0.16	0.11	41.05	ppb
Molybdenum	96-1	0.10	0.11	0.10	0.10	4.88	ppb
Molybdenum	97-1	0.19	0.30	0.26	0.25	22.95	ppb
Molybdenum	98-1	0.12	0.05	0.12	0.10	39.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.01	-0.03		ppb
Phosphorus	31-2	2.92	-32.71	-32.42	-20.74		ppb
Potassium	39-2	19.07	37.33	52.39	36.26	46.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	-1.04	-1.04	5.85	1.26	316.40	ppb
Selenium	78-2	-0.52	-1.10	0.06	-0.52		ppb
Selenium	82-1	-0.11	0.88	0.58	0.45	111.63	ppb
Silicon	28-1	-31.58	-29.32	-21.90	-27.60		ppb
Silver	109-1	0.10	0.07	0.07	0.08	17.29	ppb
Silver	107-1	0.10	0.07	0.07	0.08	22.59	ppb
Sodium	23-2	149.37	143.52	153.39	148.76	3.34	ppb
Strontium	86-1	-0.14	-0.02	-0.07	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-6689.83	-6318.28	-3952.38	-5653.50		ppb
Terbium	159-1				114		%
Terbium	159-2				101		%
Thallium	203-1	0.02	-0.01	0.01	0.01	158.39	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	52.77	ppb
Tin	118-1	0.00	0.02	-0.01	0.01	210.02	ppb
Titanium	47-1	-0.02	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.75	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	92.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	-0.05	-0.06	0.02	-0.03		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:05:54	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	33.36	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	150.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:09:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-1.17	1.27	0.45	310.50	ppb
Antimony	121-1	0.27	0.25	0.23	0.25	8.75	ppb
Arsenic	75-2	0.35	0.29	0.22	0.29	21.23	ppb
Barium	135-1	32.97	34.34	34.89	34.07	2.91	ppb
Barium	137-1	33.73	34.97	35.05	34.58	2.14	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	35.48	ppb
Bismuth	209-1				117		%
Bismuth	209-2				98		%
Boron	10-1	16.43	16.73	18.04	17.06	5.02	ppb
Boron	11-1	15.11	15.98	16.52	15.87	4.49	ppb
Cadmium	111-1	-0.18	-0.01	-0.14	-0.11		ppb
Cadmium	106-1	-2.63	-0.32	-1.97	-1.64		ppb
Cadmium	108-1	-0.08	-0.13	-0.08	-0.10		ppb
Calcium	43-1	17885.77	18445.23	18654.73	18328.58	2.17	ppb
Calcium	44-1	18310.23	18954.09	19146.65	18803.66	2.33	ppb
Chromium	52-2	491.82	504.88	526.52	507.74	3.45	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	148.50	ppb
Copper	63-2	1.91	1.84	1.88	1.88	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				97		%
Indium	115-1				111		%
Indium	115-2				87		%
Iron	56-2	4.84	4.95	6.35	5.38	15.70	ppb
Iron	57-2	-0.08	4.55	5.84	3.44	90.53	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.13	0.12	0.12	6.02	ppb
Lead	207-1	0.09	0.07	0.08	0.08	14.73	ppb
Lead	208-1	0.08	0.09	0.08	0.08	5.07	ppb
Lithium	6-1				50		%
Magnesium	24-2	4091.42	4166.75	4422.83	4227.00	4.11	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-15DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 14:09:23 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.40	0.30	0.26	0.32	22.56	ppb
Molybdenum	94-1	0.11	0.09	0.14	0.11	24.23	ppb
Molybdenum	95-1	0.12	0.10	0.12	0.11	8.41	ppb
Molybdenum	96-1	0.14	0.14	0.11	0.13	11.45	ppb
Molybdenum	97-1	0.36	0.24	0.30	0.30	20.75	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	11.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.41	0.56	0.50	16.39	ppb
Phosphorus	31-2	-44.34	-44.34	-16.47	-35.05		ppb
Potassium	39-2	335.63	336.42	347.52	339.86	1.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				79		%
Selenium	77-2	2.60	-1.04	-1.04	0.17	1220.40	ppb
Selenium	78-2	0.75	2.08	-1.10	0.58	277.09	ppb
Selenium	82-1	0.56	-0.29	0.15	0.14	301.19	ppb
Silicon	28-1	1038.54	1050.83	1050.13	1046.50	0.66	ppb
Silver	109-1	0.57	0.45	0.38	0.47	20.90	ppb
Silver	107-1	0.55	0.41	0.37	0.44	20.78	ppb
Sodium	23-2	16946.99	17122.90	18423.81	17497.90	4.61	ppb
Strontium	86-1	36.56	35.79	36.74	36.36	1.38	ppb
Strontium	88-1	36.29	35.95	37.01	36.41	1.49	ppb
Sulfur	34-1	-5822.26	-5320.04	-5915.43	-5685.91		ppb
Terbium	159-1				120		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.02	0.00	0.00	0.00	242.59	ppb
Tin	118-1	0.05	0.08	0.09	0.07	30.06	ppb
Titanium	47-1	0.07	-0.02	0.06	0.04	126.97	ppb
Uranium	238-1	0.12	0.12	0.14	0.13	10.22	ppb
Vanadium	51-2	0.33	0.24	0.49	0.35	36.16	ppb
Yttrium	89-1				105		%
Yttrium	89-2				86		%
Zinc	66-2	2.67	2.62	3.35	2.88	14.09	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:09:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	87.09	ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 14:12:52 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.64	26.80	29.61	29.68	9.83	ppb
Antimony	121-1	0.04	0.07	0.04	0.05	31.12	ppb
Arsenic	75-2	0.07	0.12	0.07	0.09	34.45	ppb
Barium	135-1	0.93	1.12	1.21	1.09	12.81	ppb
Barium	137-1	1.01	0.97	1.05	1.01	4.33	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	111.69	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	17.67	16.97	19.80	18.15	8.13	ppb
Boron	11-1	16.99	16.72	18.34	17.35	5.00	ppb
Cadmium	111-1	-0.10	-0.09	0.09	-0.03		ppb
Cadmium	106-1	-1.98	-1.36	0.86	-0.83		ppb
Cadmium	108-1	-0.13	0.26	-0.08	0.02	1235.59	ppb
Calcium	43-1	1136.14	1124.89	1212.40	1157.81	4.11	ppb
Calcium	44-1	1136.05	1130.50	1175.90	1147.48	2.16	ppb
Chromium	52-2	47.41	46.22	45.33	46.32	2.25	ppb
Cobalt	59-2	0.88	0.82	0.83	0.84	3.54	ppb
Copper	63-2	4.99	5.02	5.04	5.02	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				118		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				91		%
Iron	56-2	2903.25	2862.58	2773.66	2846.50	2.33	ppb
Iron	57-2	2902.01	2745.17	2637.15	2761.44	4.82	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.15	0.15	5.12	ppb
Lead	207-1	0.13	0.10	0.11	0.11	14.77	ppb
Lead	208-1	0.12	0.12	0.11	0.12	4.30	ppb
Lithium	6-1				50		%
Magnesium	24-2	346.78	331.28	327.66	335.24	3.03	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 14:12:52 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	952.38	940.66	910.24	934.43	2.33	ppb
Molybdenum	94-1	0.10	0.31	0.15	0.18	60.37	ppb
Molybdenum	95-1	0.17	0.17	0.23	0.19	18.46	ppb
Molybdenum	96-1	0.20	0.28	0.14	0.21	33.75	ppb
Molybdenum	97-1	0.31	0.30	0.28	0.29	6.04	ppb
Molybdenum	98-1	0.12	0.18	0.17	0.16	19.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	2.74	3.13	2.94	6.76	ppb
Phosphorus	31-2	7.30	-18.70	4.94	-2.15		ppb
Potassium	39-2	530.48	474.32	449.03	484.61	8.60	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	77-2	-1.04	-1.04	6.00	1.31	310.91	ppb
Selenium	78-2	0.75	0.13	-1.10	-0.08		ppb
Selenium	82-1	-1.24	1.07	-0.89	-0.35		ppb
Silicon	28-1	211.48	220.45	227.50	219.81	3.65	ppb
Silver	109-1	0.26	0.28	0.27	0.27	3.55	ppb
Silver	107-1	0.22	0.23	0.27	0.24	10.02	ppb
Sodium	23-2	9926.31	9865.17	9363.74	9718.41	3.18	ppb
Strontium	86-1	9.47	9.03	10.64	9.71	8.57	ppb
Strontium	88-1	9.70	9.50	9.95	9.71	2.31	ppb
Sulfur	34-1	-7240.27	-6703.03	-6071.84	-6671.71		ppb
Terbium	159-1				119		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	368.39	ppb
Tin	118-1	0.03	0.11	0.04	0.06	73.42	ppb
Titanium	47-1	0.21	0.17	0.34	0.24	37.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.43	ppb
Vanadium	51-2	0.04	0.04	0.05	0.05	16.34	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	3.89	5.50	5.16	4.85	17.49	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 14:12:52	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.03	0.02	99.12	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	88.74	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:16:21	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	253.06	275.66	275.06	267.93	4.81	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	4.59	ppb
Arsenic	75-2	0.43	0.50	0.66	0.53	22.26	ppb
Barium	135-1	1.75	1.63	1.63	1.67	4.25	ppb
Barium	137-1	1.71	2.07	1.51	1.77	16.09	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	48.07	ppb
Bismuth	209-1				119		%
Bismuth	209-2				95		%
Boron	10-1	10.94	14.41	13.22	12.86	13.69	ppb
Boron	11-1	13.09	12.67	12.68	12.81	1.89	ppb
Cadmium	111-1	-0.10	-0.01	0.01	-0.04		ppb
Cadmium	106-1	-1.69	-0.32	-0.13	-0.71		ppb
Cadmium	108-1	0.03	-0.08	0.03	-0.01		ppb
Calcium	43-1	484.76	482.53	493.40	486.90	1.18	ppb
Calcium	44-1	450.71	465.42	473.81	463.31	2.52	ppb
Chromium	52-2	1138.71	1159.94	1152.37	1150.34	0.94	ppb
Cobalt	59-2	0.17	0.20	0.16	0.17	13.07	ppb
Copper	63-2	38.30	38.48	37.95	38.24	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				122		%
Holmium	165-2				94		%
Indium	115-1				111		%
Indium	115-2				83		%
Iron	56-2	152.21	151.38	150.69	151.43	0.50	ppb
Iron	57-2	152.51	144.87	149.36	148.91	2.58	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.24	0.24	5.51	ppb
Lead	207-1	0.16	0.21	0.19	0.19	12.85	ppb
Lead	208-1	0.19	0.21	0.21	0.20	5.41	ppb
Lithium	6-1				45		%
Magnesium	24-2	351.54	360.46	343.17	351.73	2.46	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:16:21	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.30	18.25	16.20	17.25	5.92	ppb
Molybdenum	94-1	0.50	0.61	0.54	0.55	9.50	ppb
Molybdenum	95-1	0.33	0.40	0.38	0.37	9.22	ppb
Molybdenum	96-1	0.46	0.42	0.39	0.42	7.35	ppb
Molybdenum	97-1	0.52	0.59	0.62	0.58	9.09	ppb
Molybdenum	98-1	0.35	0.40	0.38	0.38	6.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.71	3.00	2.76	2.82	5.37	ppb
Phosphorus	31-2	52.17	39.88	38.85	43.63	16.98	ppb
Potassium	39-2	142.72	151.40	138.47	144.20	4.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				75		%
Selenium	77-2	2.86	-1.04	-1.04	0.26	866.17	ppb
Selenium	78-2	0.22	0.23	2.26	0.90	130.41	ppb
Selenium	82-1	-0.71	-0.99	0.13	-0.52		ppb
Silicon	28-1	164.03	171.36	167.91	167.77	2.19	ppb
Silver	109-1	2.68	2.75	2.66	2.70	1.81	ppb
Silver	107-1	2.70	2.68	2.79	2.72	2.10	ppb
Sodium	23-2	58324.86	58705.12	57288.85	58106.28	1.26	ppb
Strontium	86-1	2.37	2.39	2.43	2.40	1.23	ppb
Strontium	88-1	2.31	2.44	2.47	2.41	3.45	ppb
Sulfur	34-1	-8162.77	-8195.29	-8594.71	-8317.59		ppb
Terbium	159-1				121		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.01	-0.01	0.00	508.71	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	113.81	ppb
Tin	118-1	0.09	0.08	0.04	0.07	38.66	ppb
Titanium	47-1	0.53	0.65	0.47	0.55	16.95	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	5.74	ppb
Vanadium	51-2	0.49	0.65	0.57	0.57	14.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				82		%
Zinc	66-2	4.69	5.31	4.72	4.91	7.09	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:16:21	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.15	0.13	0.14	7.73	ppb
Zirconium	91-1	0.12	0.09	0.13	0.12	17.93	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 14:19:51 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.94	18.29	19.39	20.20	12.03	ppb
Antimony	121-1	0.18	0.24	0.18	0.20	19.85	ppb
Arsenic	75-2	0.18	0.24	0.18	0.20	17.34	ppb
Barium	135-1	34.97	34.99	33.95	34.64	1.72	ppb
Barium	137-1	35.99	35.54	34.73	35.42	1.80	ppb
Beryllium	9-1	0.01	0.02	0.05	0.03	77.06	ppb
Bismuth	209-1				123		%
Bismuth	209-2				95		%
Boron	10-1	13.91	15.58	15.96	15.15	7.20	ppb
Boron	11-1	15.17	16.67	16.95	16.26	5.90	ppb
Cadmium	111-1	-0.14	-0.11	-0.13	-0.12		ppb
Cadmium	106-1	-2.03	-1.52	-1.66	-1.74		ppb
Cadmium	108-1	-0.08	-0.08	-0.03	-0.06		ppb
Calcium	43-1	18265.09	17644.05	17329.05	17746.07	2.68	ppb
Calcium	44-1	18652.63	18204.22	17917.11	18257.99	2.03	ppb
Chromium	52-2	494.25	484.89	500.47	493.20	1.59	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	26.06	ppb
Copper	63-2	1.80	1.80	1.79	1.80	0.22	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				93		%
Indium	115-1				112		%
Indium	115-2				80		%
Iron	56-2	23.23	23.90	24.84	23.99	3.37	ppb
Iron	57-2	16.22	25.59	19.24	20.35	23.49	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.07	0.08	5.73	ppb
Lead	207-1	0.05	0.04	0.04	0.04	14.85	ppb
Lead	208-1	0.05	0.04	0.06	0.05	16.40	ppb
Lithium	6-1				43		%
Magnesium	24-2	3753.38	3691.85	3752.79	3732.67	0.95	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 14:19:51 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.95	4.48	5.44	4.96	9.75	ppb
Molybdenum	94-1	0.41	0.34	0.38	0.37	10.23	ppb
Molybdenum	95-1	0.57	0.50	0.61	0.56	10.61	ppb
Molybdenum	96-1	0.49	0.52	0.60	0.54	10.59	ppb
Molybdenum	97-1	0.82	0.82	0.73	0.79	6.38	ppb
Molybdenum	98-1	0.52	0.51	0.51	0.51	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.99	3.06	2.94	5.26	ppb
Phosphorus	31-2	-44.34	-15.23	-44.34	-34.64		ppb
Potassium	39-2	404.13	441.13	429.80	425.02	4.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				71		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-1.10	-0.41	-0.41	-0.64		ppb
Selenium	82-1	0.41	1.31	0.23	0.65	89.12	ppb
Silicon	28-1	1097.53	1055.92	1036.54	1063.33	2.93	ppb
Silver	109-1	0.15	0.12	0.12	0.13	13.68	ppb
Silver	107-1	0.12	0.09	0.11	0.11	11.02	ppb
Sodium	23-2	20122.51	19702.81	20039.84	19955.05	1.11	ppb
Strontium	86-1	27.11	26.13	27.00	26.75	2.01	ppb
Strontium	88-1	27.46	26.26	26.72	26.81	2.26	ppb
Sulfur	34-1	-7567.25	-8281.72	-8908.20	-8252.39		ppb
Terbium	159-1				122		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.05	0.04	0.05	0.04	8.14	ppb
Titanium	47-1	0.38	0.38	0.42	0.39	5.99	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	11.52	ppb
Vanadium	51-2	0.41	0.48	0.46	0.45	8.07	ppb
Yttrium	89-1				106		%
Yttrium	89-2				79		%
Zinc	66-2	2.21	2.02	2.29	2.17	6.47	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:19:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	43.60	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	105.29	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.43	51.44	51.83	52.56	3.09	ppb
Antimony	121-1	0.51	0.50	0.53	0.51	2.78	ppb
Arsenic	75-2	23.12	23.09	22.77	23.00	0.84	ppb
Barium	135-1	73.80	71.05	74.94	73.27	2.73	ppb
Barium	137-1	73.95	76.18	76.44	75.52	1.81	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	59.26	ppb
Bismuth	209-1				122		%
Bismuth	209-2				91		%
Boron	10-1	67.50	73.84	75.45	72.26	5.81	ppb
Boron	11-1	68.82	70.01	75.82	71.55	5.24	ppb
Cadmium	111-1	-0.19	-0.16	-0.22	-0.19		ppb
Cadmium	106-1	-2.64	-2.18	-2.96	-2.60		ppb
Cadmium	108-1	0.08	0.08	-0.02	0.05	133.98	ppb
Calcium	43-1	119454.62	120479.15	126295.94	122076.57	3.02	ppb
Calcium	44-1	121789.51	120157.25	126285.98	122744.25	2.59	ppb
Chromium	52-2	1.83	1.80	1.61	1.75	6.82	ppb
Cobalt	59-2	1.21	1.24	1.19	1.22	2.01	ppb
Copper	63-2	3.75	3.46	3.40	3.54	5.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				91		%
Indium	115-1				106		%
Indium	115-2				73		%
Iron	56-2	2797.28	2780.25	2753.12	2776.88	0.80	ppb
Iron	57-2	2705.88	2767.76	2720.99	2731.55	1.18	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.50	0.42	0.45	10.40	ppb
Lead	207-1	0.36	0.37	0.44	0.39	10.95	ppb
Lead	208-1	0.40	0.40	0.39	0.40	1.55	ppb
Lithium	6-1				41		%
Magnesium	24-2	41366.38	41466.07	40875.68	41236.04	0.77	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	957.93	958.10	945.70	953.91	0.75	ppb
Molybdenum	94-1	1.40	1.41	1.51	1.44	4.31	ppb
Molybdenum	95-1	1.77	1.75	1.83	1.78	2.29	ppb
Molybdenum	96-1	1.86	1.83	1.99	1.89	4.57	ppb
Molybdenum	97-1	2.11	2.20	2.42	2.24	7.06	ppb
Molybdenum	98-1	1.97	1.97	2.06	2.00	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.72	0.81	0.79	7.77	ppb
Phosphorus	31-2	-28.06	-11.56	36.98	-0.88		ppb
Potassium	39-2	6890.07	7078.26	6926.28	6964.87	1.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				64		%
Selenium	77-2	3.44	-1.04	-1.04	0.45	571.16	ppb
Selenium	78-2	-1.10	-1.10	-1.10	-1.10		ppb
Selenium	82-1	-2.37	-1.09	-0.26	-1.24		ppb
Silicon	28-1	6323.52	6181.20	6517.79	6340.84	2.66	ppb
Silver	109-1	0.29	0.22	0.23	0.25	14.21	ppb
Silver	107-1	0.28	0.26	0.19	0.24	18.05	ppb
Sodium	23-2	81312.05	81650.38	80923.04	81295.16	0.45	ppb
Strontium	86-1	663.28	666.48	679.97	669.91	1.32	ppb
Strontium	88-1	675.06	678.97	690.55	681.53	1.18	ppb
Sulfur	34-1	142.11	122.75	1247.46	504.11	127.72	ppb
Terbium	159-1				124		%
Terbium	159-2				88		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.34	0.34	0.29	0.32	8.90	ppb
Titanium	47-1	2.51	2.18	2.55	2.41	8.40	ppb
Uranium	238-1	3.64	3.58	3.67	3.63	1.20	ppb
Vanadium	51-2	0.45	0.58	0.33	0.45	27.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				72		%
Zinc	66-2	11.42	12.07	10.43	11.31	7.27	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.12	0.11	0.11	9.04	ppb
Zirconium	91-1	0.16	0.12	0.08	0.12	34.58	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.10	47.58	51.40	50.03	4.24	ppb
Antimony	121-1	0.52	0.48	0.45	0.48	7.04	ppb
Arsenic	75-2	24.93	23.17	24.18	24.09	3.67	ppb
Barium	135-1	76.06	72.30	70.23	72.86	4.05	ppb
Barium	137-1	77.30	74.89	74.13	75.44	2.19	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	19.22	ppb
Bismuth	209-1				129		%
Bismuth	209-2				89		%
Boron	10-1	77.65	77.25	86.30	80.40	6.36	ppb
Boron	11-1	77.03	74.04	73.44	74.84	2.57	ppb
Cadmium	111-1	-0.18	-0.21	-0.18	-0.19		ppb
Cadmium	106-1	-2.48	-2.79	-2.41	-2.56		ppb
Cadmium	108-1	-0.08	0.02	-0.03	-0.03		ppb
Calcium	43-1	126663.80	124295.64	122995.83	124651.76	1.49	ppb
Calcium	44-1	124818.93	123081.51	121541.29	123147.24	1.33	ppb
Chromium	52-2	1.70	1.73	1.68	1.71	1.53	ppb
Cobalt	59-2	1.36	1.47	1.22	1.35	9.11	ppb
Copper	63-2	3.30	3.38	2.96	3.21	6.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				88		%
Indium	115-1				109		%
Indium	115-2				71		%
Iron	56-2	2944.15	3037.58	2833.96	2938.56	3.47	ppb
Iron	57-2	2951.59	3021.34	2848.45	2940.46	2.96	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.27	0.25	0.27	9.16	ppb
Lead	207-1	0.21	0.20	0.12	0.17	26.40	ppb
Lead	208-1	0.24	0.21	0.19	0.21	11.89	ppb
Lithium	6-1				37		%
Magnesium	24-2	43137.78	44964.01	41364.45	43155.41	4.17	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.68	1036.67	957.57	996.97	3.97	ppb
Molybdenum	94-1	1.43	1.30	1.45	1.39	5.64	ppb
Molybdenum	95-1	1.74	1.81	1.95	1.83	5.78	ppb
Molybdenum	96-1	1.76	1.85	1.66	1.75	5.38	ppb
Molybdenum	97-1	1.95	1.93	2.16	2.01	6.46	ppb
Molybdenum	98-1	1.85	1.75	1.89	1.83	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.99	0.91	0.89	12.73	ppb
Phosphorus	31-2	24.30	26.60	5.14	18.68	63.06	ppb
Potassium	39-2	7184.02	7523.89	7042.97	7250.29	3.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				61		%
Selenium	77-2	3.59	3.61	3.46	3.55	2.34	ppb
Selenium	78-2	-0.32	-1.10	-0.34	-0.58		ppb
Selenium	82-1	-2.13	-0.82	-0.93	-1.29		ppb
Silicon	28-1	6368.10	6320.28	6127.78	6272.05	2.03	ppb
Silver	109-1	0.13	0.10	0.09	0.10	20.40	ppb
Silver	107-1	0.11	0.10	0.09	0.10	12.96	ppb
Sodium	23-2	85622.48	89476.06	81689.58	85596.04	4.55	ppb
Strontium	86-1	666.98	664.50	650.96	660.81	1.31	ppb
Strontium	88-1	685.91	678.13	669.02	677.69	1.25	ppb
Sulfur	34-1	2485.69	1209.43	909.37	1534.83	54.54	ppb
Terbium	159-1				128		%
Terbium	159-2				85		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	383.90	ppb
Tin	118-1	0.31	0.30	0.26	0.29	9.77	ppb
Titanium	47-1	2.33	2.69	2.36	2.46	8.17	ppb
Uranium	238-1	3.80	3.74	3.64	3.73	2.25	ppb
Vanadium	51-2	0.39	0.53	0.47	0.46	15.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				70		%
Zinc	66-2	14.38	14.59	12.21	13.73	9.57	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.12	0.10	18.71	ppb
Zirconium	91-1	0.09	0.10	0.14	0.11	25.78	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.37	15.04	13.44	12.28	28.36	ppb
Antimony	121-1	0.15	0.15	0.13	0.15	8.12	ppb
Arsenic	75-2	4.24	4.74	4.59	4.53	5.71	ppb
Barium	135-1	14.71	13.93	14.22	14.29	2.75	ppb
Barium	137-1	15.16	14.10	14.71	14.66	3.63	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	34.75	ppb
Bismuth	209-1				134		%
Bismuth	209-2				97		%
Boron	10-1	18.07	16.62	17.72	17.47	4.33	ppb
Boron	11-1	16.78	17.71	19.71	18.07	8.30	ppb
Cadmium	111-1	-0.10	-0.17	-0.13	-0.13		ppb
Cadmium	106-1	-1.12	-2.23	-1.76	-1.71		ppb
Cadmium	108-1	0.23	-0.03	-0.08	0.04	441.09	ppb
Calcium	43-1	23809.31	22758.50	23379.09	23315.63	2.27	ppb
Calcium	44-1	24838.45	23409.90	23782.99	24010.45	3.09	ppb
Chromium	52-2	0.95	0.85	0.55	0.78	26.46	ppb
Cobalt	59-2	0.25	0.32	0.20	0.26	24.43	ppb
Copper	63-2	1.00	0.99	0.86	0.95	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				95		%
Indium	115-1				116		%
Indium	115-2				81		%
Iron	56-2	553.98	571.49	522.68	549.38	4.50	ppb
Iron	57-2	565.96	562.28	518.15	548.80	4.85	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	13.33	ppb
Lead	207-1	0.05	0.01	0.01	0.02	107.56	ppb
Lead	208-1	0.05	0.03	0.03	0.04	33.98	ppb
Lithium	6-1				42		%
Magnesium	24-2	8204.84	8535.95	7849.86	8196.88	4.19	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	192.30	193.73	178.58	188.20	4.44	ppb
Molybdenum	94-1	0.36	0.27	0.23	0.29	21.49	ppb
Molybdenum	95-1	0.38	0.34	0.42	0.38	11.06	ppb
Molybdenum	96-1	0.34	0.36	0.39	0.36	7.72	ppb
Molybdenum	97-1	0.67	0.48	0.39	0.51	27.45	ppb
Molybdenum	98-1	0.35	0.37	0.41	0.38	8.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.29	0.32	0.30	6.55	ppb
Phosphorus	31-2	-29.70	-44.34	-44.34	-39.46		ppb
Potassium	39-2	1449.62	1471.07	1375.67	1432.12	3.49	ppb
Rhodium	103-1				110		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				72		%
Selenium	77-2	7.08	-1.04	-1.04	1.67	281.20	ppb
Selenium	78-2	-0.41	-0.40	-0.43	-0.41		ppb
Selenium	82-1	-0.58	-1.47	-0.91	-0.99		ppb
Silicon	28-1	1277.85	1198.76	1226.65	1234.42	3.25	ppb
Silver	109-1	0.04	0.02	0.03	0.03	27.80	ppb
Silver	107-1	0.05	0.02	0.02	0.03	48.46	ppb
Sodium	23-2	16067.68	16437.37	15068.57	15857.88	4.47	ppb
Strontium	86-1	133.85	127.25	130.47	130.53	2.53	ppb
Strontium	88-1	138.70	131.57	135.97	135.41	2.66	ppb
Sulfur	34-1	-4641.44	-6104.75	-5579.65	-5441.95		ppb
Terbium	159-1				131		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.08	0.05	0.06	0.06	27.08	ppb
Titanium	47-1	0.41	0.48	0.54	0.48	12.98	ppb
Uranium	238-1	0.73	0.64	0.68	0.68	6.02	ppb
Vanadium	51-2	0.18	0.12	0.07	0.12	43.63	ppb
Yttrium	89-1				109		%
Yttrium	89-2				79		%
Zinc	66-2	2.64	2.95	2.54	2.71	7.92	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	29.27	ppb
Zirconium	91-1	-0.02	0.01	0.04	0.01	459.90	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9276.00	9077.28	8955.59	9102.96	1.78	ppb
Antimony	121-1	463.82	473.80	471.48	469.70	1.11	ppb
Arsenic	75-2	549.49	543.54	534.27	542.43	1.41	ppb
Barium	135-1	2439.13	2456.73	2449.02	2448.29	0.36	ppb
Barium	137-1	2476.90	2489.72	2508.80	2491.80	0.64	ppb
Beryllium	9-1	601.08	606.63	609.16	605.62	0.68	ppb
Bismuth	209-1				129		%
Bismuth	209-2				90		%
Boron	10-1	658.06	670.10	665.03	664.40	0.91	ppb
Boron	11-1	629.21	646.26	656.45	643.97	2.14	ppb
Cadmium	111-1	441.58	443.60	449.81	444.99	0.96	ppb
Cadmium	106-1	438.65	445.97	439.28	441.30	0.92	ppb
Cadmium	108-1	436.48	437.18	438.10	437.26	0.19	ppb
Calcium	43-1	179630.14	182353.71	179961.65	180648.50	0.82	ppb
Calcium	44-1	178084.38	178535.81	179789.20	178803.13	0.49	ppb
Chromium	52-2	598.65	583.12	577.06	586.28	1.90	ppb
Cobalt	59-2	637.02	624.14	610.78	623.98	2.10	ppb
Copper	63-2	1354.25	1329.76	1290.56	1324.86	2.43	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				130		%
Holmium	165-2				91		%
Indium	115-1				107		%
Indium	115-2				70		%
Iron	56-2	32649.07	32031.05	31254.59	31978.24	2.19	ppb
Iron	57-2	32044.17	31632.13	30937.76	31538.02	1.77	ppb
Krypton	83-1						cps
Lead	206-1	504.31	510.62	508.89	507.94	0.64	ppb
Lead	207-1	489.00	491.88	492.93	491.27	0.41	ppb
Lead	208-1	501.19	509.84	512.91	507.98	1.20	ppb
Lithium	6-1				36		%
Magnesium	24-2	97735.04	95694.49	95248.13	96225.89	1.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2089.22	2043.83	1980.68	2037.91	2.67	ppb
Molybdenum	94-1	2625.27	2674.68	2681.76	2660.57	1.16	ppb
Molybdenum	95-1	2632.69	2642.65	2655.25	2643.53	0.43	ppb
Molybdenum	96-1	2651.46	2657.97	2668.74	2659.39	0.33	ppb
Molybdenum	97-1	2675.59	2724.05	2742.78	2714.14	1.28	ppb
Molybdenum	98-1	2658.43	2713.63	2678.04	2683.37	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	653.39	641.15	624.60	639.71	2.26	ppb
Phosphorus	31-2	-44.34	-11.40	20.40	-11.78		ppb
Potassium	39-2	31202.95	30228.38	30043.10	30491.47	2.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				83		%
Scandium	45-1				75		%
Scandium	45-2				63		%
Selenium	77-2	435.97	457.73	495.29	463.00	6.48	ppb
Selenium	78-2	472.26	448.63	451.91	457.60	2.80	ppb
Selenium	82-1	475.89	485.27	492.03	484.40	1.67	ppb
Silicon	28-1	6407.50	6444.08	6396.62	6416.07	0.39	ppb
Silver	109-1	438.16	444.26	449.75	444.06	1.31	ppb
Silver	107-1	431.22	444.14	438.31	437.89	1.48	ppb
Sodium	23-2	137860.73	133327.54	131765.04	134317.77	2.36	ppb
Strontium	86-1	1190.15	1206.42	1216.64	1204.40	1.11	ppb
Strontium	88-1	1195.85	1209.17	1213.79	1206.27	0.77	ppb
Sulfur	34-1	1412.77	1572.20	359.67	1114.88	59.10	ppb
Terbium	159-1				127		%
Terbium	159-2				88		%
Thallium	203-1	496.96	504.59	501.91	501.16	0.77	ppb
Thallium	205-1	516.22	526.99	529.58	524.26	1.35	ppb
Tin	118-1	425.84	429.50	433.02	429.45	0.84	ppb
Titanium	47-1	2542.22	2563.15	2549.26	2551.55	0.42	ppb
Uranium	238-1	545.22	548.89	544.63	546.24	0.42	ppb
Vanadium	51-2	596.03	581.64	571.97	583.21	2.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				71		%
Zinc	66-2	1247.26	1198.07	1185.83	1210.39	2.69	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	523.60	529.08	528.65	527.11	0.58	ppb
Zirconium	91-1	507.56	515.16	512.27	511.66	0.75	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9117.69	9297.75	8804.62	9073.36	2.75	ppb
Antimony	121-1	456.57	466.04	467.69	463.43	1.29	ppb
Arsenic	75-2	546.88	560.35	540.91	549.38	1.81	ppb
Barium	135-1	2370.61	2401.84	2459.26	2410.57	1.87	ppb
Barium	137-1	2389.11	2399.27	2429.40	2405.93	0.87	ppb
Beryllium	9-1	596.29	613.79	603.70	604.59	1.45	ppb
Bismuth	209-1				135		%
Bismuth	209-2				91		%
Boron	10-1	676.40	689.61	668.88	678.30	1.55	ppb
Boron	11-1	640.92	656.11	655.32	650.79	1.31	ppb
Cadmium	111-1	430.12	435.04	436.09	433.75	0.74	ppb
Cadmium	106-1	428.76	418.65	417.38	421.60	1.48	ppb
Cadmium	108-1	423.18	418.00	434.36	425.18	1.97	ppb
Calcium	43-1	177318.04	174939.14	178121.53	176792.90	0.94	ppb
Calcium	44-1	177783.97	175371.87	177775.54	176977.13	0.79	ppb
Chromium	52-2	580.11	595.03	566.92	580.69	2.42	ppb
Cobalt	59-2	617.80	630.22	605.73	617.91	1.98	ppb
Copper	63-2	1310.09	1341.24	1302.17	1317.83	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				136		%
Holmium	165-2				92		%
Indium	115-1				109		%
Indium	115-2				71		%
Iron	56-2	31627.51	32317.53	30878.81	31607.95	2.28	ppb
Iron	57-2	31049.51	31674.79	30661.98	31128.76	1.64	ppb
Krypton	83-1						cps
Lead	206-1	486.62	495.58	504.74	495.65	1.83	ppb
Lead	207-1	471.05	480.20	492.00	481.08	2.18	ppb
Lead	208-1	490.12	498.95	505.21	498.10	1.52	ppb
Lithium	6-1				36		%
Magnesium	24-2	93122.79	96856.52	91756.20	93911.84	2.81	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2009.51	2060.61	1960.35	2010.16	2.49	ppb
Molybdenum	94-1	2572.06	2629.26	2612.47	2604.59	1.13	ppb
Molybdenum	95-1	2578.35	2621.76	2605.92	2602.01	0.84	ppb
Molybdenum	96-1	2572.06	2615.41	2571.26	2586.24	0.98	ppb
Molybdenum	97-1	2588.19	2661.33	2608.92	2619.48	1.44	ppb
Molybdenum	98-1	2590.92	2653.53	2626.80	2623.75	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	631.93	647.33	627.74	635.67	1.62	ppb
Phosphorus	31-2	20.17	38.17	19.33	25.89	41.11	ppb
Potassium	39-2	29759.43	30602.98	29422.89	29928.44	2.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				84		%
Scandium	45-1				77		%
Scandium	45-2				65		%
Selenium	77-2	502.14	418.52	442.69	454.45	9.47	ppb
Selenium	78-2	466.91	462.42	434.50	454.61	3.86	ppb
Selenium	82-1	469.43	479.93	475.14	474.83	1.11	ppb
Silicon	28-1	6382.75	6159.76	6270.08	6270.86	1.78	ppb
Silver	109-1	433.18	434.90	446.00	438.03	1.59	ppb
Silver	107-1	427.10	427.09	440.05	431.41	1.73	ppb
Sodium	23-2	131139.22	136050.41	129857.08	132348.90	2.47	ppb
Strontium	86-1	1166.22	1213.29	1185.34	1188.28	1.99	ppb
Strontium	88-1	1165.81	1185.75	1173.25	1174.94	0.86	ppb
Sulfur	34-1	174.85	-391.17	-664.55	-293.62		ppb
Terbium	159-1				132		%
Terbium	159-2				89		%
Thallium	203-1	480.66	496.24	499.26	492.06	2.03	ppb
Thallium	205-1	505.40	513.18	520.55	513.04	1.48	ppb
Tin	118-1	415.41	423.39	421.60	420.13	1.00	ppb
Titanium	47-1	2479.26	2530.41	2506.19	2505.29	1.02	ppb
Uranium	238-1	519.73	530.46	535.98	528.72	1.56	ppb
Vanadium	51-2	577.27	594.21	565.88	579.12	2.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				72		%
Zinc	66-2	1194.37	1224.04	1168.07	1195.49	2.34	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.83	520.13	520.61	515.52	1.63	ppb
Zirconium	91-1	494.01	506.59	507.17	502.59	1.48	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9093.55	9399.70	9315.18	9269.48	1.71	ppb
Antimony	121-1	508.91	415.72	464.24	462.96	10.07	ppb
Arsenic	75-2	559.55	555.22	543.08	552.62	1.54	ppb
Barium	135-1	2616.29	2145.77	2412.27	2391.44	9.87	ppb
Barium	137-1	2669.40	2168.13	2432.95	2423.50	10.35	ppb
Beryllium	9-1	660.55	569.83	618.87	616.42	7.37	ppb
Bismuth	209-1				135		%
Bismuth	209-2				91		%
Boron	10-1	716.10	658.40	715.69	696.73	4.76	ppb
Boron	11-1	699.40	625.91	661.87	662.39	5.55	ppb
Cadmium	111-1	479.06	386.26	434.19	433.17	10.71	ppb
Cadmium	106-1	470.96	379.60	424.05	424.87	10.75	ppb
Cadmium	108-1	469.38	378.89	423.43	423.90	10.67	ppb
Calcium	43-1	199665.31	159143.39	177969.43	178926.04	11.33	ppb
Calcium	44-1	196879.07	160844.98	178932.24	178885.43	10.07	ppb
Chromium	52-2	581.87	601.51	598.24	593.87	1.77	ppb
Cobalt	59-2	632.04	641.31	641.10	638.15	0.83	ppb
Copper	63-2	1336.17	1360.26	1364.52	1353.65	1.13	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				137		%
Holmium	165-2				91		%
Indium	115-1				110		%
Indium	115-2				70		%
Iron	56-2	32027.74	33055.57	32977.87	32687.06	1.75	ppb
Iron	57-2	31859.37	32558.91	32184.89	32201.06	1.09	ppb
Krypton	83-1						cps
Lead	206-1	554.49	452.76	503.18	503.48	10.10	ppb
Lead	207-1	542.23	446.32	482.17	490.24	9.89	ppb
Lead	208-1	557.98	458.49	503.90	506.79	9.83	ppb
Lithium	6-1				35		%
Magnesium	24-2	95175.11	97246.78	97605.63	96675.84	1.36	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2030.01	2073.59	2093.07	2065.55	1.56	ppb
Molybdenum	94-1	2879.30	2331.02	2603.10	2604.47	10.53	ppb
Molybdenum	95-1	2884.91	2362.38	2615.14	2620.81	9.97	ppb
Molybdenum	96-1	2885.39	2345.22	2610.65	2613.75	10.33	ppb
Molybdenum	97-1	2913.54	2421.39	2615.33	2650.09	9.35	ppb
Molybdenum	98-1	2948.94	2388.06	2626.26	2654.42	10.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	648.09	661.36	659.87	656.44	1.11	ppb
Phosphorus	31-2	71.05	23.11	-27.37	22.26	221.07	ppb
Potassium	39-2	30146.94	30631.47	30930.71	30569.70	1.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				83		%
Scandium	45-1				76		%
Scandium	45-2				62		%
Selenium	77-2	437.81	472.42	505.33	471.85	7.16	ppb
Selenium	78-2	452.36	497.58	457.53	469.16	5.28	ppb
Selenium	82-1	521.16	425.53	477.99	474.89	10.08	ppb
Silicon	28-1	7104.75	5596.25	6151.55	6284.19	12.14	ppb
Silver	109-1	482.39	389.78	437.79	436.65	10.61	ppb
Silver	107-1	476.84	388.68	426.38	430.63	10.27	ppb
Sodium	23-2	132360.78	136617.86	138354.46	135777.70	2.27	ppb
Strontium	86-1	1311.19	1063.68	1209.91	1194.93	10.41	ppb
Strontium	88-1	1312.58	1064.41	1187.42	1188.14	10.44	ppb
Sulfur	34-1	3497.00	-3514.00	-689.22	-235.41		ppb
Terbium	159-1				134		%
Terbium	159-2				87		%
Thallium	203-1	546.05	445.50	499.61	497.06	10.12	ppb
Thallium	205-1	576.34	466.01	521.72	521.35	10.58	ppb
Tin	118-1	467.00	373.10	421.54	420.55	11.17	ppb
Titanium	47-1	2812.49	2279.00	2500.96	2530.82	10.59	ppb
Uranium	238-1	595.82	485.56	536.07	539.15	10.24	ppb
Vanadium	51-2	585.26	600.29	600.27	595.27	1.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				70		%
Zinc	66-2	1219.57	1234.66	1241.17	1231.80	0.90	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	568.36	471.49	523.00	520.95	9.30	ppb
Zirconium	91-1	556.08	448.86	501.89	502.28	10.67	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47139.97	46930.94	45652.48	46574.47	1.73	ppb
Antimony	121-1	504.50	598.61	511.37	538.16	9.75	ppb
Arsenic	75-2	497.06	501.45	508.14	502.22	1.11	ppb
Barium	135-1	2532.03	2991.82	2596.48	2706.78	9.20	ppb
Barium	137-1	2576.73	3019.18	2606.44	2734.12	9.05	ppb
Beryllium	9-1	641.97	746.86	640.35	676.39	9.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	642.41	762.81	663.07	689.43	9.34	ppb
Boron	11-1	647.79	776.23	655.26	693.09	10.40	ppb
Cadmium	111-1	493.62	574.66	499.48	522.59	8.65	ppb
Cadmium	106-1	505.39	590.54	515.33	537.09	8.67	ppb
Cadmium	108-1	494.95	583.74	507.22	528.64	9.10	ppb
Calcium	43-1	241699.18	286188.26	243775.11	257220.85	9.76	ppb
Calcium	44-1	241384.22	283824.26	243730.11	256312.86	9.31	ppb
Chromium	52-2	521.28	518.08	505.34	514.90	1.64	ppb
Cobalt	59-2	523.63	513.29	501.54	512.82	2.16	ppb
Copper	63-2	1034.52	1010.87	996.06	1013.81	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	126930.14	124658.54	120653.57	124080.75	2.56	ppb
Iron	57-2	127126.02	125896.25	123707.48	125576.59	1.38	ppb
Krypton	83-1						cps
Lead	206-1	518.88	610.53	514.69	548.03	9.88	ppb
Lead	207-1	513.73	607.37	518.20	546.43	9.67	ppb
Lead	208-1	522.27	613.94	522.33	552.85	9.57	ppb
Lithium	6-1				45		%
Magnesium	24-2	242051.87	244083.22	235093.91	240409.66	1.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.80	987.08	952.09	974.99	2.04	ppb
Molybdenum	94-1	2599.86	3021.88	2602.22	2741.32	8.86	ppb
Molybdenum	95-1	2571.55	3048.62	2582.39	2734.19	9.96	ppb
Molybdenum	96-1	2589.01	3030.66	2549.29	2722.99	9.81	ppb
Molybdenum	97-1	2622.08	3067.25	2618.97	2769.43	9.31	ppb
Molybdenum	98-1	2589.90	3066.15	2581.17	2745.74	10.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.27	522.34	508.42	520.01	2.04	ppb
Phosphorus	31-2	9154.68	9722.70	9075.03	9317.47	3.79	ppb
Potassium	39-2	118673.56	119257.39	115831.61	117920.85	1.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	77-2	380.16	470.03	457.42	435.87	11.16	ppb
Selenium	78-2	479.21	483.96	474.67	479.28	0.97	ppb
Selenium	82-1	503.57	594.66	509.59	535.94	9.51	ppb
Silicon	28-1	368.05	459.07	375.90	401.01	12.58	ppb
Silver	109-1	497.28	582.26	506.44	528.66	8.82	ppb
Silver	107-1	501.13	583.71	506.85	530.56	8.69	ppb
Sodium	23-2	243693.01	238971.23	233887.27	238850.50	2.05	ppb
Strontium	86-1	511.22	599.22	509.11	539.85	9.53	ppb
Strontium	88-1	513.86	608.41	517.56	546.61	9.80	ppb
Sulfur	34-1	6945.19	14482.52	6859.50	9429.07	46.42	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	511.07	605.72	511.21	542.66	10.06	ppb
Thallium	205-1	531.26	630.68	531.18	564.37	10.17	ppb
Tin	118-1	492.59	584.90	498.01	525.17	9.86	ppb
Titanium	47-1	2562.85	3068.91	2591.04	2740.93	10.38	ppb
Uranium	238-1	525.11	614.52	527.24	555.62	9.18	ppb
Vanadium	51-2	524.51	521.20	504.22	516.64	2.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1027.14	994.86	997.01	1006.34	1.79	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	521.98	613.22	522.86	552.68	9.49	ppb
Zirconium	91-1	496.26	584.73	499.49	526.83	9.52	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:56:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	1.08	0.60	0.74	39.19	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	4.72	ppb
Arsenic	75-2	0.03	0.02	0.09	0.05	80.99	ppb
Barium	135-1	0.00	0.01	0.00	0.00	335.02	ppb
Barium	137-1	0.03	0.02	0.01	0.02	55.92	ppb
Beryllium	9-1	0.11	0.06	0.09	0.09	30.77	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	9.97	8.25	11.88	10.03	18.07	ppb
Boron	11-1	10.49	9.71	10.58	10.26	4.63	ppb
Cadmium	111-1	-0.10	-0.03	-0.11	-0.08		ppb
Cadmium	106-1	-1.27	-0.32	-1.48	-1.02		ppb
Cadmium	108-1	0.04	-0.02	-0.07	-0.02		ppb
Calcium	43-1	-3.89	1.62	-0.92	-1.06		ppb
Calcium	44-1	-12.88	-25.10	-17.89	-18.62		ppb
Chromium	52-2	0.21	0.32	0.16	0.23	36.51	ppb
Cobalt	59-2	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-2	0.43	0.53	0.52	0.49	11.05	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				116		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	1.46	2.40	0.66	1.50	57.91	ppb
Iron	57-2	1.32	3.36	3.49	2.72	44.66	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.13	0.10	33.68	ppb
Lead	207-1	0.14	0.06	0.10	0.10	37.47	ppb
Lead	208-1	0.10	0.07	0.11	0.09	24.44	ppb
Lithium	6-1				56		%
Magnesium	24-2	-0.40	6.04	-2.36	1.10	400.61	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:56:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.06	-0.03	0.06	152.11	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	13.45	ppb
Molybdenum	95-1	0.12	0.15	0.11	0.13	15.74	ppb
Molybdenum	96-1	0.16	0.13	0.15	0.15	10.52	ppb
Molybdenum	97-1	0.25	0.22	0.32	0.26	18.87	ppb
Molybdenum	98-1	0.14	0.11	0.12	0.12	14.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.12	0.07	0.07	79.52	ppb
Phosphorus	31-2	-21.34	-31.96	-11.07	-21.45		ppb
Potassium	39-2	50.95	68.54	34.97	51.49	32.61	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	0.02	-0.50	-1.10	-0.53		ppb
Selenium	82-1	-0.63	-0.38	-0.82	-0.61		ppb
Silicon	28-1	-29.40	-35.39	-29.67	-31.49		ppb
Silver	109-1	0.10	0.10	0.11	0.10	7.46	ppb
Silver	107-1	0.09	0.07	0.09	0.09	12.89	ppb
Sodium	23-2	154.35	170.31	129.51	151.39	13.58	ppb
Strontium	86-1	-0.11	-0.22	-0.16	-0.16		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-6114.88	-7844.92	-6366.36	-6775.38		ppb
Terbium	159-1				117		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.02	0.01	55.44	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	30.17	ppb
Tin	118-1	0.07	0.03	0.04	0.04	51.74	ppb
Titanium	47-1	0.02	-0.01	0.02	0.01	209.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	183.37	ppb
Vanadium	51-2	-0.02	0.03	0.00	0.01	433.60	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	-0.04	-0.09	-0.16	-0.09		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:56:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	42.78	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	141.28	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.71	6.62	12.95	9.76	32.40	ppb
Antimony	121-1	0.31	0.27	0.20	0.26	22.51	ppb
Arsenic	75-2	4.76	4.20	4.51	4.49	6.29	ppb
Barium	135-1	14.36	14.53	14.26	14.38	0.95	ppb
Barium	137-1	15.27	15.05	14.18	14.83	3.89	ppb
Beryllium	9-1	0.03	0.02	0.11	0.05	88.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	21.14	20.97	23.54	21.88	6.56	ppb
Boron	11-1	22.15	21.37	21.53	21.68	1.89	ppb
Cadmium	111-1	-0.06	-0.18	-0.03	-0.09		ppb
Cadmium	106-1	-0.78	-2.57	-0.73	-1.36		ppb
Cadmium	108-1	0.04	-0.02	-0.13	-0.04		ppb
Calcium	43-1	23338.27	22686.81	22647.08	22890.72	1.70	ppb
Calcium	44-1	23834.31	23396.58	23088.58	23439.82	1.60	ppb
Chromium	52-2	0.89	0.66	0.46	0.67	32.62	ppb
Cobalt	59-2	0.24	0.18	0.15	0.19	21.41	ppb
Copper	63-2	2.33	2.13	1.89	2.12	10.47	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				118		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				86		%
Iron	56-2	509.27	504.89	487.80	500.66	2.27	ppb
Iron	57-2	505.42	498.12	503.80	502.45	0.76	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.14	0.14	13.80	ppb
Lead	207-1	0.12	0.10	0.10	0.11	10.59	ppb
Lead	208-1	0.15	0.12	0.13	0.13	9.15	ppb
Lithium	6-1				47		%
Magnesium	24-2	7798.11	7715.45	7256.94	7590.17	3.84	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	177.08	177.54	168.24	174.29	3.01	ppb
Molybdenum	94-1	0.32	0.33	0.26	0.30	12.88	ppb
Molybdenum	95-1	0.36	0.43	0.37	0.39	10.14	ppb
Molybdenum	96-1	0.38	0.36	0.39	0.38	3.17	ppb
Molybdenum	97-1	0.59	0.45	0.63	0.56	16.29	ppb
Molybdenum	98-1	0.44	0.37	0.41	0.41	7.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.21	0.30	0.23	27.55	ppb
Phosphorus	31-2	-30.79	-30.76	-31.17	-30.91		ppb
Potassium	39-2	1439.90	1400.20	1324.41	1388.17	4.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				78		%
Selenium	77-2	-1.04	2.86	-1.04	0.26	869.36	ppb
Selenium	78-2	-0.45	0.22	0.14	-0.03		ppb
Selenium	82-1	0.04	0.52	-0.63	-0.03		ppb
Silicon	28-1	1335.85	1286.44	1263.00	1295.09	2.87	ppb
Silver	109-1	0.95	0.75	0.53	0.75	28.15	ppb
Silver	107-1	0.99	0.76	0.56	0.77	27.94	ppb
Sodium	23-2	15145.04	14899.25	14339.35	14794.55	2.79	ppb
Strontium	86-1	132.40	127.57	127.24	129.07	2.24	ppb
Strontium	88-1	136.12	130.04	129.89	132.02	2.69	ppb
Sulfur	34-1	-4917.30	-5910.95	-6101.08	-5643.11		ppb
Terbium	159-1				118		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.00	0.01	0.02	97.99	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	100.03	ppb
Tin	118-1	0.28	0.23	0.20	0.24	17.55	ppb
Titanium	47-1	0.52	0.31	0.44	0.42	25.14	ppb
Uranium	238-1	0.77	0.69	0.71	0.72	6.01	ppb
Vanadium	51-2	0.04	0.07	0.05	0.05	26.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				85		%
Zinc	66-2	2.31	2.51	2.34	2.39	4.37	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	65.81	ppb
Zirconium	91-1	0.02	0.03	0.02	0.03	18.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.26	12.13	10.17	10.85	10.24	ppb
Antimony	121-1	0.19	0.17	0.16	0.17	8.37	ppb
Arsenic	75-2	3.90	4.88	4.27	4.35	11.31	ppb
Barium	135-1	14.35	14.96	13.98	14.43	3.42	ppb
Barium	137-1	14.64	15.11	14.55	14.77	2.04	ppb
Beryllium	9-1	0.06	0.04	0.10	0.07	42.18	ppb
Bismuth	209-1				118		%
Bismuth	209-2				98		%
Boron	10-1	18.36	18.82	19.00	18.73	1.78	ppb
Boron	11-1	18.04	20.27	19.95	19.42	6.20	ppb
Cadmium	111-1	-0.16	-0.13	-0.08	-0.13		ppb
Cadmium	106-1	-2.29	-1.78	-1.07	-1.71		ppb
Cadmium	108-1	-0.02	0.03	0.03	0.01	277.86	ppb
Calcium	43-1	23191.34	23090.75	22306.21	22862.77	2.12	ppb
Calcium	44-1	23606.61	23590.36	22997.73	23398.23	1.48	ppb
Chromium	52-2	0.76	0.59	0.64	0.67	13.27	ppb
Cobalt	59-2	0.23	0.22	0.17	0.21	13.49	ppb
Copper	63-2	1.57	1.52	1.50	1.53	2.31	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				98		%
Indium	115-1				113		%
Indium	115-2				86		%
Iron	56-2	507.16	498.94	509.44	505.18	1.09	ppb
Iron	57-2	520.47	532.39	500.61	517.83	3.10	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.07	0.08	10.02	ppb
Lead	207-1	0.03	0.08	0.04	0.05	55.73	ppb
Lead	208-1	0.06	0.06	0.05	0.05	8.68	ppb
Lithium	6-1				44		%
Magnesium	24-2	7685.83	7556.51	7615.92	7619.42	0.85	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	178.83	174.45	178.06	177.11	1.32	ppb
Molybdenum	94-1	0.39	0.33	0.27	0.33	17.91	ppb
Molybdenum	95-1	0.43	0.33	0.40	0.38	12.73	ppb
Molybdenum	96-1	0.36	0.34	0.40	0.37	8.88	ppb
Molybdenum	97-1	0.57	0.56	0.66	0.60	9.71	ppb
Molybdenum	98-1	0.45	0.34	0.36	0.38	15.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.15	0.26	0.17	48.09	ppb
Phosphorus	31-2	-4.01	-17.20	-3.37	-8.20		ppb
Potassium	39-2	1307.77	1344.40	1386.68	1346.28	2.93	ppb
Rhodium	103-1				107		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				77		%
Selenium	77-2	2.83	10.36	2.79	5.33	81.83	ppb
Selenium	78-2	0.21	-0.46	-1.10	-0.45		ppb
Selenium	82-1	0.88	0.06	0.62	0.52	80.03	ppb
Silicon	28-1	1290.62	1251.48	1219.41	1253.83	2.84	ppb
Silver	109-1	0.37	0.33	0.24	0.31	20.78	ppb
Silver	107-1	0.31	0.26	0.27	0.28	10.03	ppb
Sodium	23-2	14742.86	14600.83	14875.84	14739.84	0.93	ppb
Strontium	86-1	127.78	127.17	125.56	126.83	0.90	ppb
Strontium	88-1	132.85	134.21	130.70	132.59	1.33	ppb
Sulfur	34-1	-5350.20	-5856.02	-6476.10	-5894.11		ppb
Terbium	159-1				123		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	327.50	ppb
Tin	118-1	0.15	0.20	0.15	0.17	15.28	ppb
Titanium	47-1	0.32	0.49	0.50	0.44	23.90	ppb
Uranium	238-1	0.64	0.67	0.68	0.66	2.75	ppb
Vanadium	51-2	0.17	0.09	0.09	0.12	38.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				84		%
Zinc	66-2	2.55	2.34	2.22	2.37	7.09	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.03	0.02	76.13	ppb
Zirconium	91-1	0.01	0.05	0.03	0.03	65.65	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.63	1.14	1.54	1.77	43.55	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	42.80	ppb
Arsenic	75-2	0.88	0.75	0.88	0.84	9.23	ppb
Barium	135-1	2.65	2.58	2.11	2.45	12.02	ppb
Barium	137-1	2.99	2.64	2.39	2.67	11.35	ppb
Beryllium	9-1	0.08	0.02	0.04	0.04	68.98	ppb
Bismuth	209-1				122		%
Bismuth	209-2				105		%
Boron	10-1	8.75	8.90	6.55	8.07	16.31	ppb
Boron	11-1	7.07	7.91	7.01	7.33	6.91	ppb
Cadmium	111-1	-0.06	-0.09	-0.20	-0.12		ppb
Cadmium	106-1	-0.87	-1.15	-2.55	-1.53		ppb
Cadmium	108-1	0.08	-0.02	0.07	0.04	134.30	ppb
Calcium	43-1	4178.46	4209.98	3953.73	4114.06	3.40	ppb
Calcium	44-1	4210.54	4275.59	3982.53	4156.22	3.70	ppb
Chromium	52-2	0.21	0.29	0.37	0.29	27.41	ppb
Cobalt	59-2	0.02	0.01	0.05	0.03	84.64	ppb
Copper	63-2	0.58	0.54	0.66	0.59	10.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				104		%
Indium	115-1				115		%
Indium	115-2				94		%
Iron	56-2	87.90	90.57	90.48	89.65	1.69	ppb
Iron	57-2	90.09	93.99	97.23	93.77	3.81	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	15.04	ppb
Lead	207-1	0.03	0.02	0.03	0.03	16.57	ppb
Lead	208-1	0.02	0.02	0.03	0.02	11.76	ppb
Lithium	6-1				50		%
Magnesium	24-2	1300.44	1367.74	1358.08	1342.09	2.71	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.72	31.94	29.78	30.82	3.52	ppb
Molybdenum	94-1	0.05	0.06	0.04	0.05	18.45	ppb
Molybdenum	95-1	0.07	0.11	0.08	0.09	19.40	ppb
Molybdenum	96-1	0.10	0.13	0.08	0.10	23.65	ppb
Molybdenum	97-1	0.14	0.13	0.18	0.15	18.58	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	15.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.02	0.08	0.07	62.84	ppb
Phosphorus	31-2	-44.34	5.65	-19.06	-19.25		ppb
Potassium	39-2	226.80	261.88	234.95	241.21	7.61	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	0.05	-1.10	-1.10	-0.72		ppb
Selenium	82-1	0.07	-0.29	1.34	0.37	227.40	ppb
Silicon	28-1	213.74	214.62	205.92	211.43	2.26	ppb
Silver	109-1	0.07	0.09	0.04	0.07	35.98	ppb
Silver	107-1	0.03	0.07	0.05	0.05	35.95	ppb
Sodium	23-2	2552.56	2691.81	2656.26	2633.54	2.75	ppb
Strontium	86-1	22.80	23.96	22.03	22.93	4.24	ppb
Strontium	88-1	23.17	24.41	21.61	23.06	6.09	ppb
Sulfur	34-1	-5958.33	-5261.92	-6868.45	-6029.57		ppb
Terbium	159-1				125		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	1436.84	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.05	0.13	0.01	0.03	316.18	ppb
Uranium	238-1	0.13	0.13	0.10	0.12	14.83	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	69.44	ppb
Yttrium	89-1				110		%
Yttrium	89-2				91		%
Zinc	66-2	0.61	0.33	0.54	0.49	29.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.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	-0.02	-0.01	-0.01		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1756.18	1782.53	1673.49	1737.40	3.27	ppb
Antimony	121-1	88.56	90.63	86.61	88.60	2.27	ppb
Arsenic	75-2	98.41	102.88	96.07	99.12	3.49	ppb
Barium	135-1	451.81	467.29	446.52	455.21	2.37	ppb
Barium	137-1	461.50	476.12	454.72	464.11	2.36	ppb
Beryllium	9-1	111.76	118.00	115.19	114.99	2.72	ppb
Bismuth	209-1				126		%
Bismuth	209-2				99		%
Boron	10-1	124.42	134.52	130.94	129.96	3.94	ppb
Boron	11-1	123.83	131.08	131.51	128.81	3.35	ppb
Cadmium	111-1	87.58	90.44	85.73	87.92	2.70	ppb
Cadmium	106-1	88.95	90.40	85.17	88.17	3.06	ppb
Cadmium	108-1	85.89	88.71	85.32	86.64	2.10	ppb
Calcium	43-1	32859.00	33682.04	32206.41	32915.81	2.25	ppb
Calcium	44-1	33388.37	34291.98	32333.02	33337.79	2.94	ppb
Chromium	52-2	105.56	105.20	103.49	104.75	1.06	ppb
Cobalt	59-2	112.67	111.26	108.84	110.92	1.75	ppb
Copper	63-2	233.01	232.38	225.93	230.44	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				127		%
Holmium	165-2				99		%
Indium	115-1				113		%
Indium	115-2				85		%
Iron	56-2	5903.22	5868.22	5766.14	5845.86	1.22	ppb
Iron	57-2	5763.08	5679.90	5604.28	5682.42	1.40	ppb
Krypton	83-1						cps
Lead	206-1	93.32	95.24	90.94	93.17	2.31	ppb
Lead	207-1	89.66	93.33	88.03	90.34	3.00	ppb
Lead	208-1	89.64	92.43	88.42	90.16	2.28	ppb
Lithium	6-1				46		%
Magnesium	24-2	17153.20	17189.13	16885.64	17075.99	0.97	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	368.50	375.06	371.34	371.63	0.89	ppb
Molybdenum	94-1	473.38	489.40	473.66	478.81	1.92	ppb
Molybdenum	95-1	459.91	481.67	464.94	468.84	2.43	ppb
Molybdenum	96-1	463.34	481.67	468.68	471.23	2.00	ppb
Molybdenum	97-1	470.81	490.46	476.51	479.26	2.11	ppb
Molybdenum	98-1	482.49	511.26	489.36	494.37	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.48	113.23	113.16	112.95	0.37	ppb
Phosphorus	31-2	23.39	-44.34	-4.06	-8.34		ppb
Potassium	39-2	5890.99	5851.75	5600.36	5781.03	2.73	ppb
Rhodium	103-1				108		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				77		%
Selenium	77-2	112.18	94.07	78.11	94.79	17.98	ppb
Selenium	78-2	96.63	88.78	95.23	93.55	4.48	ppb
Selenium	82-1	90.63	93.91	92.24	92.26	1.78	ppb
Silicon	28-1	1334.08	1349.23	1244.79	1309.36	4.31	ppb
Silver	109-1	85.97	87.08	85.25	86.10	1.07	ppb
Silver	107-1	86.11	88.28	83.57	85.98	2.74	ppb
Sodium	23-2	24931.67	25185.09	24235.83	24784.20	1.98	ppb
Strontium	86-1	214.59	223.24	216.01	217.95	2.13	ppb
Strontium	88-1	223.32	230.65	224.79	226.25	1.71	ppb
Sulfur	34-1	-5271.64	-4759.04	-6265.71	-5432.13		ppb
Terbium	159-1				126		%
Terbium	159-2				96		%
Thallium	203-1	91.20	93.94	89.36	91.50	2.52	ppb
Thallium	205-1	90.55	93.06	89.50	91.04	2.01	ppb
Tin	118-1	84.84	88.76	85.12	86.24	2.54	ppb
Titanium	47-1	468.21	476.74	450.01	464.99	2.94	ppb
Uranium	238-1	89.12	93.15	89.40	90.56	2.48	ppb
Vanadium	51-2	106.63	105.24	104.14	105.34	1.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				84		%
Zinc	66-2	221.50	218.80	214.62	218.31	1.59	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	93.94	97.41	94.93	95.43	1.87	ppb
Zirconium	91-1	93.81	96.31	93.99	94.70	1.47	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1800.02	1842.12	1884.25	1842.13	2.29	ppb
Antimony	121-1	88.05	85.33	82.35	85.25	3.34	ppb
Arsenic	75-2	100.39	100.54	107.00	102.64	3.67	ppb
Barium	135-1	460.85	434.26	430.96	442.02	3.71	ppb
Barium	137-1	467.48	445.24	442.06	451.59	3.07	ppb
Beryllium	9-1	115.84	114.39	111.28	113.83	2.05	ppb
Bismuth	209-1				129		%
Bismuth	209-2				97		%
Boron	10-1	130.15	127.54	132.71	130.13	1.99	ppb
Boron	11-1	126.19	127.71	125.73	126.55	0.82	ppb
Cadmium	111-1	89.40	84.84	82.28	85.51	4.22	ppb
Cadmium	106-1	88.88	82.04	80.62	83.85	5.27	ppb
Cadmium	108-1	88.48	86.06	82.21	85.58	3.69	ppb
Calcium	43-1	32654.28	31750.82	31856.36	32087.15	1.54	ppb
Calcium	44-1	33236.65	32413.42	32483.46	32711.18	1.40	ppb
Chromium	52-2	110.85	109.87	114.21	111.65	2.04	ppb
Cobalt	59-2	116.16	115.14	119.45	116.92	1.92	ppb
Copper	63-2	241.18	242.06	249.67	244.30	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				96		%
Indium	115-1				115		%
Indium	115-2				82		%
Iron	56-2	6065.97	5983.82	6300.97	6116.92	2.69	ppb
Iron	57-2	5830.16	5791.78	6110.05	5910.67	2.94	ppb
Krypton	83-1						cps
Lead	206-1	94.05	91.04	89.57	91.55	2.50	ppb
Lead	207-1	91.56	87.78	86.38	88.58	3.03	ppb
Lead	208-1	91.57	87.64	86.47	88.56	3.02	ppb
Lithium	6-1				46		%
Magnesium	24-2	17893.92	17808.68	18380.10	18027.57	1.71	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	384.53	383.23	403.01	390.26	2.84	ppb
Molybdenum	94-1	491.27	466.26	463.40	473.64	3.24	ppb
Molybdenum	95-1	479.47	454.23	463.69	465.80	2.74	ppb
Molybdenum	96-1	482.31	458.69	465.52	468.84	2.59	ppb
Molybdenum	97-1	489.14	465.58	471.03	475.25	2.59	ppb
Molybdenum	98-1	501.84	477.03	485.91	488.26	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.55	118.24	123.79	120.19	2.59	ppb
Phosphorus	31-2	-30.19	-16.04	-0.37	-15.53		ppb
Potassium	39-2	5927.65	5957.22	6275.55	6053.47	3.19	ppb
Rhodium	103-1				110		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				73		%
Selenium	77-2	87.74	89.07	129.75	102.19	23.37	ppb
Selenium	78-2	77.29	69.19	96.43	80.97	17.28	ppb
Selenium	82-1	93.66	88.46	87.95	90.02	3.51	ppb
Silicon	28-1	1293.12	1271.05	1249.79	1271.32	1.70	ppb
Silver	109-1	88.41	82.50	81.27	84.06	4.54	ppb
Silver	107-1	86.60	82.89	81.15	83.55	3.33	ppb
Sodium	23-2	26415.26	25713.76	26989.84	26372.95	2.42	ppb
Strontium	86-1	222.79	209.35	212.14	214.76	3.30	ppb
Strontium	88-1	231.62	219.35	220.98	223.98	2.97	ppb
Sulfur	34-1	-4726.07	-6075.71	-6194.35	-5665.38		ppb
Terbium	159-1				129		%
Terbium	159-2				93		%
Thallium	203-1	92.05	89.07	87.81	89.65	2.43	ppb
Thallium	205-1	93.37	89.03	87.82	90.07	3.24	ppb
Tin	118-1	86.38	84.04	81.43	83.95	2.95	ppb
Titanium	47-1	459.78	451.47	449.43	453.56	1.21	ppb
Uranium	238-1	91.61	88.87	86.98	89.15	2.61	ppb
Vanadium	51-2	109.38	108.56	113.61	110.52	2.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				81		%
Zinc	66-2	224.73	223.68	236.11	228.17	3.02	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	97.86	92.88	92.53	94.42	3.16	ppb
Zirconium	91-1	96.26	90.81	91.44	92.84	3.21	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1705.70	1730.05	1771.37	1735.71	1.91	ppb
Antimony	121-1	86.47	81.96	85.92	84.78	2.90	ppb
Arsenic	75-2	96.79	98.94	103.49	99.74	3.43	ppb
Barium	135-1	452.17	425.95	442.17	440.10	3.01	ppb
Barium	137-1	463.50	438.78	457.06	453.11	2.83	ppb
Beryllium	9-1	113.21	110.58	115.59	113.12	2.22	ppb
Bismuth	209-1				131		%
Bismuth	209-2				101		%
Boron	10-1	124.85	122.91	125.38	124.38	1.05	ppb
Boron	11-1	127.09	125.00	130.44	127.51	2.15	ppb
Cadmium	111-1	85.27	82.11	86.82	84.73	2.83	ppb
Cadmium	106-1	85.92	83.70	83.95	84.52	1.44	ppb
Cadmium	108-1	89.42	79.91	84.08	84.47	5.64	ppb
Calcium	43-1	32640.41	30926.05	32030.39	31865.61	2.73	ppb
Calcium	44-1	33071.84	31312.61	32862.48	32415.64	2.96	ppb
Chromium	52-2	104.61	104.82	106.39	105.27	0.92	ppb
Cobalt	59-2	112.03	112.01	111.92	111.99	0.05	ppb
Copper	63-2	230.00	230.79	235.82	232.20	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				131		%
Holmium	165-2				100		%
Indium	115-1				116		%
Indium	115-2				85		%
Iron	56-2	5858.86	5872.96	5922.60	5884.81	0.57	ppb
Iron	57-2	5633.67	5627.20	5817.29	5692.72	1.90	ppb
Krypton	83-1						cps
Lead	206-1	90.78	86.69	91.66	89.71	2.95	ppb
Lead	207-1	86.84	85.31	88.25	86.80	1.69	ppb
Lead	208-1	87.81	84.41	88.79	87.01	2.64	ppb
Lithium	6-1				46		%
Magnesium	24-2	17191.03	17180.10	17228.05	17199.72	0.15	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	369.51	375.26	377.12	373.96	1.06	ppb
Molybdenum	94-1	473.53	456.87	466.57	465.66	1.80	ppb
Molybdenum	95-1	462.53	448.81	458.71	456.68	1.55	ppb
Molybdenum	96-1	460.81	450.08	459.27	456.72	1.27	ppb
Molybdenum	97-1	470.63	463.07	467.28	467.00	0.81	ppb
Molybdenum	98-1	483.72	478.56	481.00	481.09	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.74	114.39	116.26	115.13	0.87	ppb
Phosphorus	31-2	-16.77	-44.34	-2.33	-21.15		ppb
Potassium	39-2	5706.31	5747.08	5799.36	5750.92	0.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				75		%
Selenium	77-2	67.41	95.82	81.72	81.65	17.39	ppb
Selenium	78-2	94.80	73.65	96.95	88.47	14.56	ppb
Selenium	82-1	92.81	87.58	93.24	91.21	3.46	ppb
Silicon	28-1	1299.85	1200.15	1240.71	1246.90	4.02	ppb
Silver	109-1	84.47	81.24	84.38	83.36	2.20	ppb
Silver	107-1	83.63	80.80	82.57	82.33	1.74	ppb
Sodium	23-2	25172.29	25107.97	24995.39	25091.88	0.36	ppb
Strontium	86-1	218.54	211.50	215.84	215.29	1.65	ppb
Strontium	88-1	223.12	216.28	225.69	221.70	2.19	ppb
Sulfur	34-1	-4883.64	-6806.39	-6054.21	-5914.75		ppb
Terbium	159-1				129		%
Terbium	159-2				97		%
Thallium	203-1	88.39	85.84	90.22	88.15	2.50	ppb
Thallium	205-1	88.67	85.46	89.48	87.87	2.42	ppb
Tin	118-1	84.19	81.46	84.75	83.47	2.11	ppb
Titanium	47-1	449.83	438.62	450.68	446.38	1.51	ppb
Uranium	238-1	89.30	85.81	89.65	88.25	2.41	ppb
Vanadium	51-2	105.81	104.65	106.37	105.61	0.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				83		%
Zinc	66-2	217.73	215.59	219.98	217.77	1.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	95.06	91.53	93.80	93.47	1.92	ppb
Zirconium	91-1	94.51	88.97	91.24	91.57	3.04	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50552.12	50932.60	45671.80	49052.17	5.98	ppb
Antimony	121-1	503.02	495.50	469.95	489.49	3.54	ppb
Arsenic	75-2	517.98	525.32	487.39	510.23	3.94	ppb
Barium	135-1	2525.59	2484.49	2344.36	2451.48	3.88	ppb
Barium	137-1	2538.04	2516.18	2370.88	2475.03	3.67	ppb
Beryllium	9-1	583.30	579.11	567.92	576.77	1.38	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	577.97	587.00	581.95	582.31	0.78	ppb
Boron	11-1	560.82	574.39	561.80	565.67	1.34	ppb
Cadmium	111-1	478.41	470.37	451.08	466.62	3.01	ppb
Cadmium	106-1	482.98	483.89	460.62	475.83	2.77	ppb
Cadmium	108-1	478.40	471.50	454.36	468.09	2.64	ppb
Calcium	43-1	241857.86	239722.10	229037.62	236872.53	2.90	ppb
Calcium	44-1	237793.08	237500.12	228726.89	234673.36	2.20	ppb
Chromium	52-2	547.39	550.67	492.12	530.06	6.21	ppb
Cobalt	59-2	541.66	549.39	484.77	525.27	6.72	ppb
Copper	63-2	1062.23	1080.75	962.09	1035.02	6.17	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				123		%
Holmium	165-2				104		%
Indium	115-1				113		%
Indium	115-2				94		%
Iron	56-2	131919.21	134172.87	118356.03	128149.37	6.68	ppb
Iron	57-2	133655.61	135484.71	120630.53	129923.62	6.23	ppb
Krypton	83-1						cps
Lead	206-1	501.17	496.01	483.63	493.60	1.83	ppb
Lead	207-1	496.71	498.83	482.64	492.73	1.79	ppb
Lead	208-1	508.48	513.07	491.94	504.50	2.20	ppb
Lithium	6-1				60		%
Magnesium	24-2	256967.15	259545.51	233802.34	250105.00	5.67	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.59	1042.33	932.71	1001.88	6.01	ppb
Molybdenum	94-1	2532.90	2514.09	2407.12	2484.70	2.73	ppb
Molybdenum	95-1	2504.40	2508.63	2423.01	2478.68	1.95	ppb
Molybdenum	96-1	2518.54	2498.67	2413.63	2476.95	2.25	ppb
Molybdenum	97-1	2553.00	2536.72	2454.27	2514.66	2.10	ppb
Molybdenum	98-1	2532.62	2541.24	2405.41	2493.09	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.24	550.16	492.54	529.98	6.12	ppb
Phosphorus	31-2	10258.00	10073.89	8490.20	9607.36	10.12	ppb
Potassium	39-2	124314.90	125172.18	113573.33	121020.14	5.34	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	407.90	404.72	469.72	427.45	8.57	ppb
Selenium	78-2	471.38	488.36	466.19	475.31	2.44	ppb
Selenium	82-1	488.12	489.93	463.07	480.37	3.12	ppb
Silicon	28-1	380.41	385.18	369.79	378.46	2.08	ppb
Silver	109-1	482.54	475.06	454.64	470.75	3.07	ppb
Silver	107-1	472.07	472.65	453.64	466.12	2.32	ppb
Sodium	23-2	255201.76	260532.67	231433.31	249055.91	6.22	ppb
Strontium	86-1	493.09	488.43	470.59	484.04	2.45	ppb
Strontium	88-1	500.54	502.46	478.85	493.95	2.66	ppb
Sulfur	34-1	8938.96	8718.70	6795.65	8151.10	14.46	ppb
Terbium	159-1				122		%
Terbium	159-2				101		%
Thallium	203-1	498.43	494.30	473.27	488.67	2.76	ppb
Thallium	205-1	524.33	510.78	497.80	510.97	2.60	ppb
Tin	118-1	478.92	477.38	449.65	468.65	3.52	ppb
Titanium	47-1	2533.53	2497.48	2424.50	2485.17	2.24	ppb
Uranium	238-1	534.15	521.08	494.49	516.57	3.91	ppb
Vanadium	51-2	547.78	547.37	491.61	528.92	6.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				97		%
Zinc	66-2	1077.55	1093.78	963.48	1044.94	6.80	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.11	506.99	481.04	495.71	2.68	ppb
Zirconium	91-1	481.50	481.71	463.29	475.50	2.22	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:33:11	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	0.23	-0.46	-0.54		ppb
Antimony	121-1	0.12	0.17	0.21	0.17	26.63	ppb
Arsenic	75-2	0.06	0.07	0.03	0.05	33.23	ppb
Barium	135-1	0.00	0.02	0.01	0.01	76.40	ppb
Barium	137-1	0.03	0.03	0.03	0.03	2.55	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	28.53	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Boron	10-1	7.65	7.72	4.99	6.79	22.96	ppb
Boron	11-1	6.00	7.09	6.21	6.43	9.03	ppb
Cadmium	111-1	-0.06	0.01	-0.04	-0.03		ppb
Cadmium	106-1	-0.95	0.14	-0.68	-0.50		ppb
Cadmium	108-1	-0.13	-0.07	-0.07	-0.09		ppb
Calcium	43-1	-2.96	1.87	-2.82	-1.30		ppb
Calcium	44-1	-34.73	-18.23	-22.28	-25.08		ppb
Chromium	52-2	0.05	0.14	0.31	0.17	81.28	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.52	0.46	0.48	0.49	6.45	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				118		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	1.24	1.52	0.68	1.15	36.98	ppb
Iron	57-2	-1.62	0.20	-2.26	-1.22		ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.20	0.16	0.17	11.10	ppb
Lead	207-1	0.14	0.18	0.15	0.16	13.94	ppb
Lead	208-1	0.16	0.16	0.14	0.15	5.14	ppb
Lithium	6-1				60		%
Magnesium	24-2	-0.75	0.00	1.85	0.37	366.42	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:33:11 DataFile Name : 066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.00	0.03	80.33	ppb
Molybdenum	94-1	0.10	0.16	0.11	0.12	24.83	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	10.81	ppb
Molybdenum	96-1	0.12	0.15	0.14	0.14	9.84	ppb
Molybdenum	97-1	0.27	0.23	0.27	0.26	7.74	ppb
Molybdenum	98-1	0.12	0.12	0.09	0.11	17.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.06	0.02	149.82	ppb
Phosphorus	31-2	-33.29	-20.37	-32.53	-28.73		ppb
Potassium	39-2	18.43	37.98	33.47	29.96	34.17	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.55	-0.51	-1.10	-0.72		ppb
Selenium	82-1	0.46	0.35	-0.47	0.11	451.42	ppb
Silicon	28-1	-36.02	-24.47	-29.39	-29.96		ppb
Silver	109-1	0.09	0.07	0.07	0.07	13.12	ppb
Silver	107-1	0.08	0.07	0.07	0.07	11.09	ppb
Sodium	23-2	55.62	72.34	64.33	64.10	13.04	ppb
Strontium	86-1	-0.01	-0.01	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	600.98	ppb
Sulfur	34-1	-6630.93	-2519.76	-3861.32	-4337.34		ppb
Terbium	159-1				118		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	11.52	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	41.71	ppb
Tin	118-1	0.02	0.01	0.03	0.02	70.25	ppb
Titanium	47-1	-0.03	0.04	-0.03	0.00		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	49.98	ppb
Vanadium	51-2	0.02	-0.01	0.01	0.01	194.17	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	-0.05	0.02	-0.10	-0.04		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:33:11	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.02	0.01	64.53	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	-1.21	-0.70	-0.24		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	23.53	ppb
Arsenic	75-2	0.00	0.13	0.02	0.05	143.22	ppb
Barium	135-1	0.01	0.00	0.00	0.00	435.12	ppb
Barium	137-1	0.01	0.01	0.00	0.01	105.58	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	14.85	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Boron	10-1	2.53	3.83	3.47	3.28	20.45	ppb
Boron	11-1	3.81	3.33	3.37	3.51	7.63	ppb
Cadmium	111-1	-0.07	-0.11	-0.09	-0.09		ppb
Cadmium	106-1	-0.99	-1.58	-1.28	-1.28		ppb
Cadmium	108-1	-0.08	-0.02	-0.08	-0.06		ppb
Calcium	43-1	-4.83	-1.42	-1.02	-2.42		ppb
Calcium	44-1	-39.49	-33.39	-32.45	-35.11		ppb
Chromium	52-2	0.04	0.29	0.23	0.19	69.76	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.36	0.45	0.46	0.42	13.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	56-2	0.25	0.67	0.69	0.54	46.18	ppb
Iron	57-2	-2.67	-1.70	-1.78	-2.05		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.18	0.17	0.15	25.37	ppb
Lead	207-1	0.10	0.14	0.09	0.11	25.93	ppb
Lead	208-1	0.10	0.13	0.13	0.12	15.64	ppb
Lithium	6-1				65		%
Magnesium	24-2	-2.56	0.31	0.48	-0.59		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	-0.11	-0.03	-0.02		ppb
Molybdenum	94-1	0.02	0.03	0.03	0.02	36.57	ppb
Molybdenum	95-1	0.05	0.03	0.05	0.04	29.81	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.04	38.76	ppb
Molybdenum	97-1	0.05	0.09	0.07	0.07	31.05	ppb
Molybdenum	98-1	0.01	0.05	0.02	0.02	74.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	-0.02	0.02	208.12	ppb
Phosphorus	31-2	0.17	-9.90	3.49	-2.08		ppb
Potassium	39-2	8.08	1.00	41.81	16.96	128.55	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	5.41	-1.04	2.33	2.23	144.48	ppb
Selenium	78-2	0.54	0.03	1.75	0.78	114.01	ppb
Selenium	82-1	1.00	0.59	-0.26	0.44	144.90	ppb
Silicon	28-1	-28.90	-26.24	-25.49	-26.88		ppb
Silver	109-1	0.03	0.04	0.01	0.03	47.40	ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.01	ppb
Sodium	23-2	22.36	23.53	39.61	28.50	33.82	ppb
Strontium	86-1	-0.11	-0.16	-0.01	-0.10		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-4614.59	-3630.13	-3221.32	-3822.01		ppb
Terbium	159-1				120		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.01	0.00	203.12	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	21.68	ppb
Tin	118-1	-0.02	0.03	0.00	0.00	1340.66	ppb
Titanium	47-1	-0.12	-0.09	-0.05	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	224.12	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	25.91	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	0.13	-0.01	0.09	0.07	107.36	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	279.47	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	17.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BS	Instrumnet Name :	P8
Client Sample ID :	PB116244BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:42:08	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9612.93	9441.54	9228.87	9427.78	2.04	ppb
Antimony	121-1	514.91	522.43	500.66	512.66	2.16	ppb
Arsenic	75-2	514.68	525.35	508.31	516.11	1.67	ppb
Barium	135-1	2568.51	2617.68	2509.88	2565.36	2.10	ppb
Barium	137-1	2558.28	2674.47	2536.72	2589.82	2.86	ppb
Beryllium	9-1	558.87	575.38	566.43	566.89	1.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	537.81	567.47	560.64	555.31	2.80	ppb
Boron	11-1	534.74	564.51	563.87	554.37	3.07	ppb
Cadmium	111-1	493.58	503.51	485.27	494.12	1.85	ppb
Cadmium	106-1	502.83	510.56	479.19	497.53	3.28	ppb
Cadmium	108-1	484.05	506.52	493.67	494.75	2.28	ppb
Calcium	43-1	48771.43	51492.60	49940.26	50068.10	2.73	ppb
Calcium	44-1	49958.55	52090.07	50599.14	50882.58	2.15	ppb
Chromium	52-2	551.35	540.36	522.09	537.93	2.75	ppb
Cobalt	59-2	553.71	547.67	531.05	544.14	2.16	ppb
Copper	63-2	1116.69	1108.84	1072.30	1099.27	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	27534.80	26999.58	25770.98	26768.45	3.38	ppb
Iron	57-2	26865.19	26451.51	25513.12	26276.61	2.64	ppb
Krypton	83-1						cps
Lead	206-1	502.56	525.99	515.28	514.61	2.28	ppb
Lead	207-1	505.55	528.11	509.52	514.39	2.34	ppb
Lead	208-1	510.96	533.09	520.05	521.37	2.13	ppb
Lithium	6-1				65		%
Magnesium	24-2	56976.90	55939.85	53719.00	55545.25	3.00	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BS	Instrumnet Name :	P8
Client Sample ID :	PB116244BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:42:08	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.55	1034.18	1004.59	1032.77	2.66	ppb
Molybdenum	94-1	2553.39	2669.70	2494.38	2572.49	3.47	ppb
Molybdenum	95-1	2549.44	2691.33	2521.53	2587.43	3.52	ppb
Molybdenum	96-1	2532.02	2662.24	2491.08	2561.78	3.49	ppb
Molybdenum	97-1	2568.43	2688.63	2517.94	2591.67	3.38	ppb
Molybdenum	98-1	2597.64	2686.91	2512.43	2598.99	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.08	557.28	540.62	554.99	2.41	ppb
Phosphorus	31-2	10381.47	10229.49	9995.90	10202.29	1.90	ppb
Potassium	39-2	24494.28	24426.30	23501.48	24140.69	2.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	455.93	473.05	445.11	458.03	3.08	ppb
Selenium	78-2	513.01	525.69	475.12	504.61	5.21	ppb
Selenium	82-1	492.33	519.57	497.12	503.01	2.89	ppb
Silicon	28-1	428.99	458.45	440.06	442.50	3.36	ppb
Silver	109-1	507.25	512.49	499.13	506.29	1.33	ppb
Silver	107-1	498.43	518.59	493.89	503.64	2.61	ppb
Sodium	23-2	53732.95	52327.23	50086.12	52048.77	3.53	ppb
Strontium	86-1	501.75	521.34	487.28	503.46	3.40	ppb
Strontium	88-1	508.61	534.48	504.43	515.84	3.16	ppb
Sulfur	34-1	9890.84	10630.06	10062.08	10194.33	3.80	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	510.99	526.64	511.14	516.26	1.74	ppb
Thallium	205-1	522.70	550.15	537.86	536.90	2.56	ppb
Tin	118-1	490.27	520.64	486.91	499.27	3.72	ppb
Titanium	47-1	2559.15	2692.24	2587.43	2612.94	2.68	ppb
Uranium	238-1	521.66	544.15	534.57	533.46	2.12	ppb
Vanadium	51-2	548.27	541.59	515.94	535.27	3.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	1108.93	1093.71	1062.80	1088.48	2.16	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BS	Instrumnet Name :	P8
Client Sample ID :	PB116244BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:42:08	DataFile Name :	068LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.47	527.49	508.23	511.06	2.98	ppb
Zirconium	91-1	485.39	509.79	477.46	490.88	3.43	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	284.32	303.27	276.27	287.95	4.81	ppb
Antimony	121-1	1.42	1.35	1.23	1.33	7.55	ppb
Arsenic	75-2	28.35	29.82	28.91	29.03	2.54	ppb
Barium	135-1	22.37	23.66	22.32	22.78	3.34	ppb
Barium	137-1	23.40	23.33	23.33	23.35	0.18	ppb
Beryllium	9-1	0.05	0.06	0.10	0.07	33.39	ppb
Bismuth	209-1				123		%
Bismuth	209-2				93		%
Boron	10-1	61.06	63.60	65.41	63.36	3.45	ppb
Boron	11-1	63.93	63.26	65.03	64.07	1.40	ppb
Cadmium	111-1	-0.15	-0.19	-0.28	-0.20		ppb
Cadmium	106-1	-2.23	-2.77	-3.74	-2.91		ppb
Cadmium	108-1	-0.02	-0.02	0.14	0.03	288.10	ppb
Calcium	43-1	53358.54	52607.41	52997.55	52987.83	0.71	ppb
Calcium	44-1	54858.00	54569.56	54392.16	54606.57	0.43	ppb
Chromium	52-2	2.14	2.67	2.15	2.32	13.03	ppb
Cobalt	59-2	0.68	0.76	0.67	0.71	7.21	ppb
Copper	63-2	7.38	8.04	7.31	7.58	5.29	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				92		%
Indium	115-1				106		%
Indium	115-2				77		%
Iron	56-2	606.60	670.49	633.18	636.76	5.04	ppb
Iron	57-2	643.49	636.92	620.25	633.55	1.89	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.50	0.51	0.52	3.33	ppb
Lead	207-1	0.56	0.47	0.43	0.49	14.19	ppb
Lead	208-1	0.53	0.47	0.47	0.49	7.31	ppb
Lithium	6-1				45		%
Magnesium	24-2	22342.43	24294.61	23663.44	23433.49	4.25	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.06	288.45	264.69	269.07	6.54	ppb
Molybdenum	94-1	8.61	8.71	8.97	8.76	2.09	ppb
Molybdenum	95-1	11.83	11.74	12.09	11.89	1.55	ppb
Molybdenum	96-1	11.22	11.72	11.73	11.56	2.50	ppb
Molybdenum	97-1	11.95	12.49	12.31	12.25	2.27	ppb
Molybdenum	98-1	12.21	12.23	12.64	12.36	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	3.88	3.31	3.43	11.95	ppb
Phosphorus	31-2	-44.34	6.12	20.10	-6.04		ppb
Potassium	39-2	5471.31	6142.60	5776.35	5796.75	5.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				79		%
Scandium	45-2				66		%
Selenium	77-2	-1.04	7.70	3.34	3.33	131.11	ppb
Selenium	78-2	0.99	-0.36	-0.36	0.09	877.23	ppb
Selenium	82-1	1.12	-0.23	-0.15	0.25	305.10	ppb
Silicon	28-1	4215.20	4033.71	4040.62	4096.51	2.51	ppb
Silver	109-1	1.57	1.16	0.95	1.22	25.73	ppb
Silver	107-1	1.59	1.12	1.00	1.24	25.41	ppb
Sodium	23-2	52117.70	56818.69	54617.52	54517.97	4.31	ppb
Strontium	86-1	375.21	371.98	373.85	373.68	0.43	ppb
Strontium	88-1	385.38	386.98	382.86	385.08	0.54	ppb
Sulfur	34-1	12206.27	9413.41	10586.85	10735.51	13.06	ppb
Terbium	159-1				120		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.02	0.03	0.02	60.26	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	47.18	ppb
Tin	118-1	1.76	1.86	1.74	1.79	3.64	ppb
Titanium	47-1	16.99	17.59	17.38	17.32	1.78	ppb
Uranium	238-1	2.13	2.24	2.33	2.23	4.47	ppb
Vanadium	51-2	0.97	1.25	1.25	1.15	14.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				75		%
Zinc	66-2	11.29	12.66	11.51	11.82	6.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.19	0.20	0.20	3.14	ppb
Zirconium	91-1	0.19	0.20	0.18	0.19	3.74	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	290.89	296.20	294.89	293.99	0.94	ppb
Antimony	121-1	0.96	0.93	0.96	0.95	2.25	ppb
Arsenic	75-2	30.05	29.77	30.40	30.07	1.04	ppb
Barium	135-1	22.79	23.19	22.16	22.72	2.28	ppb
Barium	137-1	23.74	23.30	23.16	23.40	1.29	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	21.92	ppb
Bismuth	209-1				122		%
Bismuth	209-2				92		%
Boron	10-1	56.75	64.98	65.06	62.26	7.67	ppb
Boron	11-1	65.64	64.69	68.02	66.12	2.59	ppb
Cadmium	111-1	-0.09	-0.15	-0.22	-0.16		ppb
Cadmium	106-1	-1.35	-2.14	-3.00	-2.16		ppb
Cadmium	108-1	-0.02	-0.03	0.15	0.03	297.38	ppb
Calcium	43-1	55576.40	53640.55	54436.60	54551.19	1.78	ppb
Calcium	44-1	56790.53	55016.20	55297.20	55701.31	1.71	ppb
Chromium	52-2	2.28	2.55	2.14	2.32	8.93	ppb
Cobalt	59-2	0.70	0.73	0.75	0.73	4.02	ppb
Copper	63-2	6.74	6.42	6.60	6.59	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				91		%
Indium	115-1				105		%
Indium	115-2				73		%
Iron	56-2	643.00	664.17	653.29	653.48	1.62	ppb
Iron	57-2	606.04	648.09	671.49	641.87	5.17	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.46	0.40	0.41	9.35	ppb
Lead	207-1	0.32	0.32	0.39	0.34	12.16	ppb
Lead	208-1	0.35	0.40	0.38	0.38	5.45	ppb
Lithium	6-1				35		%
Magnesium	24-2	23562.49	24432.94	23918.58	23971.34	1.83	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.82	270.81	271.55	268.73	1.59	ppb
Molybdenum	94-1	8.72	8.73	8.79	8.74	0.44	ppb
Molybdenum	95-1	11.92	11.82	12.41	12.05	2.65	ppb
Molybdenum	96-1	12.04	11.40	11.61	11.68	2.77	ppb
Molybdenum	97-1	12.48	12.26	13.51	12.75	5.23	ppb
Molybdenum	98-1	12.41	11.87	12.33	12.20	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	3.60	3.27	3.28	9.64	ppb
Phosphorus	31-2	21.52	5.38	5.30	10.73	87.02	ppb
Potassium	39-2	5798.02	5908.15	5971.67	5892.61	1.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				85		%
Scandium	45-1				72		%
Scandium	45-2				63		%
Selenium	77-2	-1.04	-1.04	3.43	0.45	572.39	ppb
Selenium	78-2	0.42	1.16	0.41	0.66	64.27	ppb
Selenium	82-1	-1.74	-1.73	0.87	-0.87		ppb
Silicon	28-1	4216.68	3961.04	4046.76	4074.83	3.19	ppb
Silver	109-1	0.44	0.40	0.37	0.40	9.71	ppb
Silver	107-1	0.40	0.36	0.40	0.39	6.08	ppb
Sodium	23-2	55319.99	56561.29	56261.69	56047.66	1.16	ppb
Strontium	86-1	384.32	373.61	380.61	379.52	1.43	ppb
Strontium	88-1	398.24	387.85	393.69	393.26	1.32	ppb
Sulfur	34-1	12442.99	9655.02	11332.08	11143.36	12.60	ppb
Terbium	159-1				121		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.00	0.01	0.01	69.63	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	41.30	ppb
Tin	118-1	1.38	1.33	1.43	1.38	3.28	ppb
Titanium	47-1	18.35	17.22	17.44	17.67	3.39	ppb
Uranium	238-1	2.39	2.38	2.48	2.42	2.22	ppb
Vanadium	51-2	1.31	1.23	1.50	1.35	10.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				72		%
Zinc	66-2	10.63	12.08	10.66	11.12	7.44	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.19	0.18	0.19	5.76	ppb
Zirconium	91-1	0.28	0.23	0.17	0.22	24.97	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.33	56.05	52.40	58.59	13.29	ppb
Antimony	121-1	0.20	0.22	0.20	0.20	5.82	ppb
Arsenic	75-2	5.60	5.98	5.40	5.66	5.24	ppb
Barium	135-1	4.82	4.53	4.57	4.64	3.32	ppb
Barium	137-1	4.76	4.66	4.89	4.77	2.40	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	30.88	ppb
Bismuth	209-1				133		%
Bismuth	209-2				98		%
Boron	10-1	18.41	17.01	15.47	16.96	8.65	ppb
Boron	11-1	17.94	16.28	16.95	17.06	4.92	ppb
Cadmium	111-1	-0.21	-0.18	-0.10	-0.16		ppb
Cadmium	106-1	-2.80	-2.46	-1.13	-2.13		ppb
Cadmium	108-1	-0.03	-0.13	0.07	-0.03		ppb
Calcium	43-1	10226.82	10210.00	10293.19	10243.33	0.43	ppb
Calcium	44-1	10563.45	10564.93	10581.06	10569.81	0.09	ppb
Chromium	52-2	1.03	0.93	1.21	1.06	13.61	ppb
Cobalt	59-2	0.12	0.11	0.11	0.11	4.29	ppb
Copper	63-2	1.65	1.45	1.62	1.57	6.90	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				97		%
Indium	115-1				117		%
Indium	115-2				83		%
Iron	56-2	128.17	124.13	126.12	126.14	1.60	ppb
Iron	57-2	133.31	105.71	119.33	119.45	11.55	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.12	0.11	10.24	ppb
Lead	207-1	0.09	0.11	0.09	0.10	12.09	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.51	ppb
Lithium	6-1				41		%
Magnesium	24-2	4644.19	4626.37	4612.78	4627.78	0.34	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	54.14	53.12	52.58	53.28	1.49	ppb
Molybdenum	94-1	1.83	1.34	1.67	1.61	15.51	ppb
Molybdenum	95-1	2.31	2.44	2.43	2.39	3.11	ppb
Molybdenum	96-1	2.36	2.26	2.38	2.34	2.86	ppb
Molybdenum	97-1	2.51	2.55	2.65	2.57	2.76	ppb
Molybdenum	98-1	2.39	2.37	2.29	2.35	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.76	0.63	0.73	11.57	ppb
Phosphorus	31-2	-1.28	12.47	-29.98	-6.26		ppb
Potassium	39-2	1152.96	1143.55	1149.47	1148.66	0.41	ppb
Rhodium	103-1				110		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				73		%
Selenium	77-2	-1.04	-1.04	2.96	0.29	787.87	ppb
Selenium	78-2	-1.10	0.25	0.25	-0.20		ppb
Selenium	82-1	-0.01	-0.17	0.14	-0.01		ppb
Silicon	28-1	794.75	768.39	766.08	776.41	2.05	ppb
Silver	109-1	0.12	0.08	0.10	0.10	20.88	ppb
Silver	107-1	0.08	0.10	0.07	0.09	17.52	ppb
Sodium	23-2	10648.71	10488.60	10489.22	10542.18	0.88	ppb
Strontium	86-1	74.09	71.27	72.78	72.71	1.94	ppb
Strontium	88-1	73.98	71.72	73.53	73.07	1.64	ppb
Sulfur	34-1	-3963.66	-4571.61	-4577.25	-4370.84		ppb
Terbium	159-1				130		%
Terbium	159-2				94		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.11	0.17	0.12	0.13	24.38	ppb
Titanium	47-1	3.16	2.99	2.82	2.99	5.67	ppb
Uranium	238-1	0.47	0.40	0.48	0.45	9.17	ppb
Vanadium	51-2	0.27	0.25	0.26	0.26	3.38	ppb
Yttrium	89-1				109		%
Yttrium	89-2				81		%
Zinc	66-2	2.58	3.02	2.53	2.71	10.10	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.04	0.03	36.24	ppb
Zirconium	91-1	0.03	0.08	0.01	0.04	95.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9062.05	9492.17	9191.89	9248.71	2.39	ppb
Antimony	121-1	466.95	461.88	458.46	462.43	0.92	ppb
Arsenic	75-2	531.06	553.46	532.54	539.02	2.32	ppb
Barium	135-1	2394.15	2371.28	2294.62	2353.35	2.22	ppb
Barium	137-1	2453.63	2346.25	2361.49	2387.12	2.43	ppb
Beryllium	9-1	609.66	610.37	597.22	605.75	1.22	ppb
Bismuth	209-1				131		%
Bismuth	209-2				93		%
Boron	10-1	639.03	661.98	673.03	658.01	2.64	ppb
Boron	11-1	631.19	632.90	638.61	634.23	0.61	ppb
Cadmium	111-1	443.43	431.38	424.77	433.19	2.18	ppb
Cadmium	106-1	436.05	422.18	411.84	423.36	2.87	ppb
Cadmium	108-1	433.86	419.47	417.99	423.77	2.07	ppb
Calcium	43-1	101885.38	100007.27	96510.93	99467.86	2.74	ppb
Calcium	44-1	103814.01	102472.63	99895.96	102060.87	1.95	ppb
Chromium	52-2	567.31	582.80	569.31	573.14	1.47	ppb
Cobalt	59-2	601.38	623.39	607.52	610.76	1.86	ppb
Copper	63-2	1297.65	1338.68	1306.39	1314.24	1.64	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				131		%
Holmium	165-2				93		%
Indium	115-1				108		%
Indium	115-2				71		%
Iron	56-2	29177.88	30501.78	28908.94	29529.53	2.89	ppb
Iron	57-2	28293.01	29424.58	28688.09	28801.89	1.99	ppb
Krypton	83-1						cps
Lead	206-1	496.02	495.28	477.19	489.49	2.18	ppb
Lead	207-1	485.62	482.76	466.10	478.16	2.20	ppb
Lead	208-1	502.18	500.03	483.72	495.31	2.04	ppb
Lithium	6-1				36		%
Magnesium	24-2	76245.50	77278.70	77196.29	76906.83	0.75	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1338.57	1375.79	1328.57	1347.65	1.85	ppb
Molybdenum	94-1	2658.71	2581.20	2575.05	2604.98	1.79	ppb
Molybdenum	95-1	2664.31	2564.04	2580.97	2603.11	2.06	ppb
Molybdenum	96-1	2627.22	2546.53	2551.90	2575.22	1.75	ppb
Molybdenum	97-1	2715.18	2601.93	2579.03	2632.05	2.77	ppb
Molybdenum	98-1	2675.23	2601.60	2570.78	2615.87	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	623.51	645.91	628.91	632.78	1.85	ppb
Phosphorus	31-2	-28.35	-27.79	-12.23	-22.79		ppb
Potassium	39-2	28265.11	29371.30	28536.15	28724.18	2.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				85		%
Scandium	45-1				77		%
Scandium	45-2				65		%
Selenium	77-2	385.12	525.26	412.97	441.12	16.82	ppb
Selenium	78-2	443.18	429.06	417.11	429.78	3.04	ppb
Selenium	82-1	480.84	470.58	468.50	473.30	1.40	ppb
Silicon	28-1	4336.82	4204.03	4065.53	4202.13	3.23	ppb
Silver	109-1	448.96	440.01	435.15	441.38	1.59	ppb
Silver	107-1	447.59	428.38	426.14	434.03	2.72	ppb
Sodium	23-2	106006.44	110615.68	105766.05	107462.72	2.54	ppb
Strontium	86-1	880.19	857.07	853.28	863.51	1.69	ppb
Strontium	88-1	900.27	876.28	877.75	884.76	1.52	ppb
Sulfur	34-1	10147.39	9126.01	7307.31	8860.24	16.24	ppb
Terbium	159-1				129		%
Terbium	159-2				89		%
Thallium	203-1	496.81	484.95	471.72	484.49	2.59	ppb
Thallium	205-1	519.29	512.75	496.60	509.55	2.29	ppb
Tin	118-1	429.61	416.15	410.39	418.72	2.36	ppb
Titanium	47-1	2595.89	2566.58	2496.65	2553.04	2.00	ppb
Uranium	238-1	525.07	520.94	506.13	517.38	1.93	ppb
Vanadium	51-2	562.09	584.17	568.65	571.64	1.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				73		%
Zinc	66-2	1174.45	1206.67	1184.55	1188.55	1.39	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	529.08	510.06	509.56	516.23	2.16	ppb
Zirconium	91-1	510.03	493.66	488.89	497.53	2.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9074.57	9348.44	9515.82	9312.94	2.39	ppb
Antimony	121-1	485.45	485.48	466.13	479.02	2.33	ppb
Arsenic	75-2	552.21	554.16	548.30	551.56	0.54	ppb
Barium	135-1	2461.80	2443.30	2376.24	2427.11	1.85	ppb
Barium	137-1	2495.39	2475.84	2421.86	2464.36	1.55	ppb
Beryllium	9-1	639.01	622.62	624.81	628.81	1.41	ppb
Bismuth	209-1				135		%
Bismuth	209-2				94		%
Boron	10-1	689.62	694.49	712.07	698.73	1.69	ppb
Boron	11-1	668.05	676.44	668.41	670.97	0.71	ppb
Cadmium	111-1	454.37	447.42	426.23	442.67	3.31	ppb
Cadmium	106-1	442.04	438.57	409.44	430.02	4.16	ppb
Cadmium	108-1	433.55	442.94	419.65	432.05	2.71	ppb
Calcium	43-1	104555.69	102680.77	100119.39	102451.95	2.17	ppb
Calcium	44-1	108181.79	105597.22	101095.00	104958.00	3.42	ppb
Chromium	52-2	566.66	581.07	581.00	576.24	1.44	ppb
Cobalt	59-2	608.85	622.32	625.54	618.90	1.43	ppb
Copper	63-2	1305.68	1340.70	1349.67	1332.01	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				94		%
Indium	115-1				108		%
Indium	115-2				72		%
Iron	56-2	29443.11	30470.77	30170.87	30028.25	1.76	ppb
Iron	57-2	29080.15	29763.61	29619.85	29487.87	1.22	ppb
Krypton	83-1						cps
Lead	206-1	509.97	497.94	488.68	498.86	2.14	ppb
Lead	207-1	498.30	485.39	469.09	484.26	3.02	ppb
Lead	208-1	517.60	503.17	486.91	502.56	3.05	ppb
Lithium	6-1				35		%
Magnesium	24-2	77654.81	78250.56	78239.30	78048.22	0.44	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1341.96	1374.50	1362.16	1359.54	1.21	ppb
Molybdenum	94-1	2763.11	2645.61	2556.73	2655.15	3.90	ppb
Molybdenum	95-1	2749.73	2678.57	2560.70	2663.00	3.59	ppb
Molybdenum	96-1	2743.68	2700.49	2547.51	2663.89	3.87	ppb
Molybdenum	97-1	2760.93	2751.23	2619.99	2710.72	2.90	ppb
Molybdenum	98-1	2806.42	2735.09	2610.26	2717.26	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	626.34	640.71	648.16	638.40	1.74	ppb
Phosphorus	31-2	-28.48	-44.34	4.71	-22.71		ppb
Potassium	39-2	29078.48	29169.25	29148.02	29131.92	0.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				85		%
Scandium	45-1				75		%
Scandium	45-2				64		%
Selenium	77-2	440.82	465.26	412.88	439.65	5.96	ppb
Selenium	78-2	459.69	454.21	432.79	448.90	3.17	ppb
Selenium	82-1	498.04	489.43	465.95	484.47	3.43	ppb
Silicon	28-1	4389.45	4363.36	4180.43	4311.08	2.64	ppb
Silver	109-1	462.40	447.80	425.67	445.29	4.15	ppb
Silver	107-1	447.05	445.73	426.87	439.89	2.57	ppb
Sodium	23-2	106711.72	108595.64	108547.86	107951.74	1.00	ppb
Strontium	86-1	901.00	882.77	853.00	878.92	2.76	ppb
Strontium	88-1	920.40	904.62	872.73	899.25	2.70	ppb
Sulfur	34-1	9624.29	8951.80	7902.10	8826.07	9.83	ppb
Terbium	159-1				131		%
Terbium	159-2				90		%
Thallium	203-1	500.48	492.86	476.74	490.03	2.47	ppb
Thallium	205-1	528.86	514.47	497.65	513.66	3.04	ppb
Tin	118-1	440.27	433.53	419.84	431.21	2.41	ppb
Titanium	47-1	2713.76	2629.72	2519.75	2621.07	3.71	ppb
Uranium	238-1	542.76	526.67	509.69	526.38	3.14	ppb
Vanadium	51-2	568.42	583.50	569.65	573.85	1.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				72		%
Zinc	66-2	1190.55	1223.46	1216.71	1210.24	1.44	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	541.99	525.73	510.31	526.01	3.01	ppb
Zirconium	91-1	523.53	507.00	493.04	507.86	3.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9247.90	9656.96	9396.12	9433.66	2.20	ppb
Antimony	121-1	465.14	466.36	472.94	468.15	0.90	ppb
Arsenic	75-2	527.64	545.65	559.32	544.20	2.92	ppb
Barium	135-1	2362.04	2365.29	2429.88	2385.74	1.60	ppb
Barium	137-1	2391.49	2383.33	2475.59	2416.80	2.11	ppb
Beryllium	9-1	623.36	616.84	632.22	624.14	1.24	ppb
Bismuth	209-1				138		%
Bismuth	209-2				94		%
Boron	10-1	698.11	675.54	696.34	690.00	1.82	ppb
Boron	11-1	651.87	661.95	683.91	665.91	2.46	ppb
Cadmium	111-1	429.93	430.55	441.83	434.10	1.54	ppb
Cadmium	106-1	432.51	431.53	446.05	436.70	1.86	ppb
Cadmium	108-1	428.37	419.57	444.52	430.82	2.94	ppb
Calcium	43-1	99881.01	100664.11	104035.75	101526.96	2.17	ppb
Calcium	44-1	102530.17	103200.73	105841.25	103857.38	1.69	ppb
Chromium	52-2	566.51	596.09	588.23	583.61	2.62	ppb
Cobalt	59-2	601.57	640.10	632.12	624.60	3.26	ppb
Copper	63-2	1301.25	1379.16	1362.63	1347.68	3.05	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				137		%
Holmium	165-2				94		%
Indium	115-1				110		%
Indium	115-2				72		%
Iron	56-2	29541.07	31021.95	30693.54	30418.85	2.56	ppb
Iron	57-2	29208.94	30284.82	30237.06	29910.27	2.03	ppb
Krypton	83-1						cps
Lead	206-1	488.42	484.77	497.36	490.18	1.32	ppb
Lead	207-1	471.04	469.94	487.53	476.17	2.07	ppb
Lead	208-1	485.65	488.25	503.99	492.63	2.01	ppb
Lithium	6-1				34		%
Magnesium	24-2	75324.35	81135.91	80320.82	78927.03	3.99	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1340.33	1395.99	1380.79	1372.37	2.10	ppb
Molybdenum	94-1	2554.92	2568.20	2651.66	2591.60	2.02	ppb
Molybdenum	95-1	2564.20	2579.41	2641.73	2595.12	1.58	ppb
Molybdenum	96-1	2541.56	2562.89	2629.37	2577.94	1.78	ppb
Molybdenum	97-1	2631.77	2640.15	2641.61	2637.84	0.20	ppb
Molybdenum	98-1	2605.75	2607.71	2663.33	2625.59	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	614.25	657.26	654.08	641.86	3.73	ppb
Phosphorus	31-2	-44.34	-10.56	22.30	-10.87		ppb
Potassium	39-2	28093.94	29834.84	29694.41	29207.73	3.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				86		%
Scandium	45-1				76		%
Scandium	45-2				63		%
Selenium	77-2	422.69	397.65	459.62	426.65	7.31	ppb
Selenium	78-2	437.24	450.77	484.44	457.48	5.31	ppb
Selenium	82-1	467.60	467.39	478.89	471.29	1.40	ppb
Silicon	28-1	4156.26	4238.98	4334.64	4243.29	2.10	ppb
Silver	109-1	435.04	441.34	455.86	444.08	2.40	ppb
Silver	107-1	425.02	436.18	445.00	435.40	2.30	ppb
Sodium	23-2	106107.41	111119.17	110585.31	109270.63	2.52	ppb
Strontium	86-1	851.63	850.05	877.32	859.67	1.78	ppb
Strontium	88-1	864.80	863.33	902.17	876.77	2.51	ppb
Sulfur	34-1	7525.77	7681.65	8696.62	7968.01	7.98	ppb
Terbium	159-1				132		%
Terbium	159-2				91		%
Thallium	203-1	482.05	475.99	494.17	484.07	1.91	ppb
Thallium	205-1	513.30	499.56	519.47	510.78	2.00	ppb
Tin	118-1	418.85	414.80	429.53	421.06	1.81	ppb
Titanium	47-1	2540.15	2543.29	2597.63	2560.36	1.26	ppb
Uranium	238-1	512.95	518.02	528.34	519.77	1.51	ppb
Vanadium	51-2	561.38	595.95	590.31	582.54	3.18	ppb
Yttrium	89-1				105		%
Yttrium	89-2				72		%
Zinc	66-2	1189.31	1249.63	1229.44	1222.79	2.51	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.84	509.66	521.81	510.77	2.06	ppb
Zirconium	91-1	481.72	489.59	501.86	491.06	2.07	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1345.20	1372.80	1378.39	1365.46	1.30	ppb
Antimony	121-1	0.64	0.60	0.60	0.61	3.16	ppb
Arsenic	75-2	31.27	29.79	28.64	29.90	4.40	ppb
Barium	135-1	20.82	20.13	20.32	20.42	1.76	ppb
Barium	137-1	21.80	20.81	20.83	21.15	2.68	ppb
Beryllium	9-1	0.24	0.32	0.22	0.26	21.06	ppb
Bismuth	209-1				139		%
Bismuth	209-2				95		%
Boron	10-1	96.77	109.15	101.63	102.52	6.09	ppb
Boron	11-1	103.45	103.42	100.91	102.60	1.42	ppb
Cadmium	111-1	-0.14	-0.15	-0.18	-0.16		ppb
Cadmium	106-1	-2.46	-2.23	-2.80	-2.50		ppb
Cadmium	108-1	-0.03	0.02	0.01	0.00		ppb
Calcium	43-1	22814.37	22691.01	21559.54	22354.97	3.09	ppb
Calcium	44-1	23429.75	23000.16	22378.07	22935.99	2.31	ppb
Chromium	52-2	4.89	4.95	5.14	4.99	2.64	ppb
Cobalt	59-2	1.37	1.48	1.46	1.44	3.97	ppb
Copper	63-2	7.07	6.45	6.42	6.65	5.57	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				135		%
Holmium	165-2				92		%
Indium	115-1				112		%
Indium	115-2				73		%
Iron	56-2	2815.06	2763.92	2804.64	2794.54	0.97	ppb
Iron	57-2	2831.94	2769.70	2804.23	2801.96	1.11	ppb
Krypton	83-1						cps
Lead	206-1	1.34	1.37	1.23	1.32	5.68	ppb
Lead	207-1	1.27	1.05	1.23	1.19	9.99	ppb
Lead	208-1	1.28	1.18	1.19	1.22	4.51	ppb
Lithium	6-1				33		%
Magnesium	24-2	7723.97	7739.28	7697.74	7720.33	0.27	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	130.19	126.52	127.59	128.10	1.47	ppb
Molybdenum	94-1	2.92	2.97	2.93	2.94	1.02	ppb
Molybdenum	95-1	2.54	2.67	2.52	2.58	3.07	ppb
Molybdenum	96-1	2.76	2.93	2.61	2.77	5.80	ppb
Molybdenum	97-1	2.76	3.08	2.76	2.87	6.46	ppb
Molybdenum	98-1	2.72	2.67	2.64	2.67	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.92	6.63	6.56	6.70	2.83	ppb
Phosphorus	31-2	7.10	23.01	58.09	29.40	88.74	ppb
Potassium	39-2	4765.34	4651.81	4725.85	4714.33	1.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				85		%
Scandium	45-1				75		%
Scandium	45-2				61		%
Selenium	77-2	3.50	3.53	8.05	5.03	52.09	ppb
Selenium	78-2	1.21	1.23	1.21	1.21	0.78	ppb
Selenium	82-1	-0.52	0.13	-0.40	-0.27		ppb
Silicon	28-1	3995.53	3922.01	3727.29	3881.61	3.57	ppb
Silver	109-1	0.28	0.26	0.20	0.25	17.99	ppb
Silver	107-1	0.28	0.22	0.22	0.24	12.51	ppb
Sodium	23-2	129686.25	127653.50	127013.34	128117.70	1.09	ppb
Strontium	86-1	157.33	156.36	153.60	155.76	1.24	ppb
Strontium	88-1	166.77	164.02	159.18	163.32	2.35	ppb
Sulfur	34-1	8867.28	7916.77	5499.40	7427.82	23.38	ppb
Terbium	159-1				133		%
Terbium	159-2				89		%
Thallium	203-1	0.06	0.05	0.05	0.06	10.45	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	8.85	ppb
Tin	118-1	2.64	2.41	2.30	2.45	7.03	ppb
Titanium	47-1	98.77	96.81	94.75	96.78	2.08	ppb
Uranium	238-1	3.64	3.54	3.50	3.56	2.05	ppb
Vanadium	51-2	4.51	4.02	4.51	4.35	6.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				71		%
Zinc	66-2	22.79	20.54	22.62	21.98	5.68	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.73	0.70	0.65	0.69	5.56	ppb
Zirconium	91-1	0.73	0.78	0.73	0.75	3.81	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.08	79.43	89.64	87.38	8.12	ppb
Antimony	121-1	0.95	0.91	0.95	0.94	2.38	ppb
Arsenic	75-2	38.64	38.25	37.80	38.23	1.09	ppb
Barium	135-1	15.13	14.67	14.41	14.74	2.44	ppb
Barium	137-1	15.35	15.76	14.68	15.26	3.57	ppb
Beryllium	9-1	0.09	0.05	0.12	0.09	42.08	ppb
Bismuth	209-1				137		%
Bismuth	209-2				93		%
Boron	10-1	119.07	108.50	112.83	113.46	4.68	ppb
Boron	11-1	106.59	107.37	111.50	108.49	2.43	ppb
Cadmium	111-1	-0.20	-0.18	-0.22	-0.20		ppb
Cadmium	106-1	-2.75	-2.49	-2.93	-2.73		ppb
Cadmium	108-1	-0.03	0.07	-0.03	0.00	2915.29	ppb
Calcium	43-1	48797.10	49764.56	48557.84	49039.83	1.30	ppb
Calcium	44-1	50376.90	50655.18	49593.49	50208.53	1.10	ppb
Chromium	52-2	1.66	1.65	1.84	1.72	6.16	ppb
Cobalt	59-2	0.49	0.45	0.51	0.48	6.21	ppb
Copper	63-2	2.88	2.71	3.10	2.90	6.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				135		%
Holmium	165-2				92		%
Indium	115-1				113		%
Indium	115-2				72		%
Iron	56-2	225.23	224.02	231.82	227.02	1.85	ppb
Iron	57-2	235.52	240.22	221.21	232.32	4.26	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.41	0.40	0.41	0.52	ppb
Lead	207-1	0.37	0.37	0.36	0.37	1.16	ppb
Lead	208-1	0.36	0.35	0.37	0.36	2.43	ppb
Lithium	6-1				31		%
Magnesium	24-2	17726.44	17944.82	18163.47	17944.91	1.22	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	291.97	296.95	305.13	298.02	2.23	ppb
Molybdenum	94-1	3.02	2.84	2.92	2.93	3.06	ppb
Molybdenum	95-1	4.32	4.17	4.02	4.17	3.57	ppb
Molybdenum	96-1	3.87	3.71	3.76	3.78	2.13	ppb
Molybdenum	97-1	4.23	4.41	4.24	4.29	2.41	ppb
Molybdenum	98-1	4.01	4.10	3.94	4.01	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.20	4.30	4.81	4.44	7.42	ppb
Phosphorus	31-2	-10.31	-27.21	-44.34	-27.29		ppb
Potassium	39-2	4708.63	4716.51	4896.15	4773.76	2.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				85		%
Scandium	45-1				74		%
Scandium	45-2				61		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.34	0.45	-0.32	-0.07		ppb
Selenium	82-1	-0.33	0.09	0.13	-0.04		ppb
Silicon	28-1	3628.86	3644.94	3560.12	3611.31	1.25	ppb
Silver	109-1	0.17	0.12	0.13	0.14	18.86	ppb
Silver	107-1	0.16	0.16	0.13	0.15	11.69	ppb
Sodium	23-2	49344.19	49576.70	49484.99	49468.63	0.24	ppb
Strontium	86-1	290.23	297.45	284.87	290.85	2.17	ppb
Strontium	88-1	300.77	308.03	296.21	301.67	1.98	ppb
Sulfur	34-1	-1226.64	-1593.29	-1930.86	-1583.60		ppb
Terbium	159-1				132		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	104.41	ppb
Tin	118-1	4.74	4.64	4.56	4.65	1.94	ppb
Titanium	47-1	4.47	4.47	4.63	4.52	2.01	ppb
Uranium	238-1	2.92	2.99	2.92	2.95	1.40	ppb
Vanadium	51-2	0.83	0.98	0.85	0.89	9.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				71		%
Zinc	66-2	13.71	12.91	14.63	13.75	6.25	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.10	0.08	0.08	18.95	ppb
Zirconium	91-1	0.11	0.07	0.14	0.11	31.50	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47070.82	48541.56	47419.99	47677.46	1.61	ppb
Antimony	121-1	480.01	469.71	506.59	485.43	3.92	ppb
Arsenic	75-2	506.23	525.22	499.95	510.47	2.58	ppb
Barium	135-1	2394.78	2380.34	2532.51	2435.88	3.45	ppb
Barium	137-1	2438.85	2410.40	2584.72	2477.99	3.77	ppb
Beryllium	9-1	648.79	624.64	665.83	646.42	3.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	614.88	622.12	683.39	640.13	5.88	ppb
Boron	11-1	620.08	628.69	687.03	645.27	5.64	ppb
Cadmium	111-1	456.98	451.29	484.17	464.15	3.79	ppb
Cadmium	106-1	464.87	464.42	491.21	473.50	3.24	ppb
Cadmium	108-1	455.35	453.78	482.90	464.01	3.53	ppb
Calcium	43-1	239101.84	234942.80	253315.00	242453.21	3.97	ppb
Calcium	44-1	240525.45	236344.65	252722.84	243197.65	3.50	ppb
Chromium	52-2	528.18	541.38	527.23	532.26	1.49	ppb
Cobalt	59-2	527.70	544.13	526.69	532.84	1.84	ppb
Copper	63-2	1041.13	1071.91	1037.22	1050.09	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				98		%
Indium	115-1				110		%
Indium	115-2				88		%
Iron	56-2	127685.05	128176.06	126548.51	127469.87	0.65	ppb
Iron	57-2	129028.48	131559.83	127445.28	129344.53	1.60	ppb
Krypton	83-1						cps
Lead	206-1	502.54	493.63	522.54	506.23	2.92	ppb
Lead	207-1	502.92	491.63	522.50	505.68	3.09	ppb
Lead	208-1	515.43	504.46	531.44	517.11	2.62	ppb
Lithium	6-1				44		%
Magnesium	24-2	243030.99	251552.46	246128.67	246904.04	1.75	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.13	998.71	986.03	988.96	0.88	ppb
Molybdenum	94-1	2532.80	2494.15	2632.99	2553.32	2.81	ppb
Molybdenum	95-1	2532.01	2488.81	2621.22	2547.35	2.65	ppb
Molybdenum	96-1	2563.91	2485.63	2649.54	2566.36	3.19	ppb
Molybdenum	97-1	2591.74	2498.96	2687.08	2592.59	3.63	ppb
Molybdenum	98-1	2534.31	2478.09	2656.03	2556.14	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.73	552.69	529.87	539.76	2.17	ppb
Phosphorus	31-2	9274.12	9683.19	9068.47	9341.93	3.35	ppb
Potassium	39-2	116813.70	121459.36	118108.31	118793.79	2.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	485.80	521.68	412.38	473.28	11.77	ppb
Selenium	78-2	481.35	507.61	446.72	478.56	6.38	ppb
Selenium	82-1	485.48	472.59	503.88	487.31	3.23	ppb
Silicon	28-1	353.90	345.20	375.72	358.28	4.39	ppb
Silver	109-1	464.32	453.30	489.39	469.00	3.94	ppb
Silver	107-1	467.13	458.21	485.58	470.31	2.97	ppb
Sodium	23-2	244022.29	250978.51	246177.12	247059.31	1.44	ppb
Strontium	86-1	494.46	480.70	508.41	494.52	2.80	ppb
Strontium	88-1	501.76	492.80	529.25	507.93	3.74	ppb
Sulfur	34-1	6811.12	5844.15	8042.84	6899.37	15.97	ppb
Terbium	159-1				121		%
Terbium	159-2				95		%
Thallium	203-1	491.17	486.60	517.15	498.31	3.31	ppb
Thallium	205-1	518.85	507.38	547.94	524.72	3.98	ppb
Tin	118-1	464.27	451.43	491.09	468.93	4.32	ppb
Titanium	47-1	2523.66	2461.05	2599.11	2527.94	2.73	ppb
Uranium	238-1	521.28	503.20	542.42	522.30	3.76	ppb
Vanadium	51-2	527.33	546.71	525.54	533.19	2.20	ppb
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	1031.22	1059.96	1046.67	1045.95	1.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.81	492.10	522.12	508.34	2.98	ppb
Zirconium	91-1	481.44	478.15	498.55	486.05	2.25	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:47	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	2.64	-0.87	0.41	468.76	ppb
Antimony	121-1	0.11	0.14	0.16	0.14	17.37	ppb
Arsenic	75-2	0.05	0.02	0.05	0.04	42.01	ppb
Barium	135-1	0.02	0.01	-0.02	0.00	1211.23	ppb
Barium	137-1	-0.01	0.02	0.01	0.01	191.69	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	23.39	ppb
Bismuth	209-1				120		%
Bismuth	209-2				104		%
Boron	10-1	8.79	9.07	7.41	8.43	10.58	ppb
Boron	11-1	8.31	8.91	7.73	8.32	7.04	ppb
Cadmium	111-1	-0.13	-0.12	0.01	-0.08		ppb
Cadmium	106-1	-1.77	-1.56	0.11	-1.07		ppb
Cadmium	108-1	-0.03	-0.13	-0.02	-0.06		ppb
Calcium	43-1	-1.33	-0.87	-0.70	-0.97		ppb
Calcium	44-1	-36.02	-32.73	-32.97	-33.91		ppb
Chromium	52-2	0.35	0.36	0.33	0.34	4.08	ppb
Cobalt	59-2	-0.01	0.01	-0.02	-0.01		ppb
Copper	63-2	0.34	0.38	0.35	0.36	6.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				93		%
Iron	56-2	1.15	1.43	1.61	1.40	16.80	ppb
Iron	57-2	1.11	-1.66	0.82	0.09	1662.42	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.10	0.09	19.25	ppb
Lead	207-1	0.08	0.05	0.07	0.07	23.04	ppb
Lead	208-1	0.08	0.07	0.09	0.08	7.98	ppb
Lithium	6-1				50		%
Magnesium	24-2	2.94	4.73	3.06	3.57	27.95	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:47	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	-0.04	0.02	0.02	288.20	ppb
Molybdenum	94-1	0.12	0.05	0.05	0.07	55.80	ppb
Molybdenum	95-1	0.09	0.11	0.16	0.12	31.36	ppb
Molybdenum	96-1	0.10	0.10	0.09	0.10	4.08	ppb
Molybdenum	97-1	0.24	0.17	0.22	0.21	17.57	ppb
Molybdenum	98-1	0.09	0.11	0.10	0.10	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.08	0.03	159.45	ppb
Phosphorus	31-2	-32.66	-18.67	-19.79	-23.71		ppb
Potassium	39-2	26.37	42.06	43.16	37.20	25.26	ppb
Rhodium	103-1				111		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	2.35	-1.04	-1.04	0.09	2197.78	ppb
Selenium	78-2	-0.53	-1.10	-0.50	-0.71		ppb
Selenium	82-1	0.08	-0.12	1.22	0.39	185.62	ppb
Silicon	28-1	-35.50	-35.97	-34.20	-35.22		ppb
Silver	109-1	0.05	0.05	0.06	0.05	11.45	ppb
Silver	107-1	0.06	0.06	0.07	0.06	10.87	ppb
Sodium	23-2	72.72	85.97	79.74	79.48	8.34	ppb
Strontium	86-1	-0.10	-0.10	0.01	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2022.56	ppb
Sulfur	34-1	-6630.39	-6251.42	-6012.13	-6297.98		ppb
Terbium	159-1				122		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	0.00	0.01	147.05	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.79	ppb
Tin	118-1	0.01	0.03	0.04	0.02	69.62	ppb
Titanium	47-1	0.06	-0.06	-0.06	-0.02		ppb
Uranium	238-1	0.01	0.00	0.01	0.00	106.29	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	24.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				91		%
Zinc	66-2	0.01	0.05	0.10	0.05	82.47	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:47	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.01	0.00	315.47	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	106.92	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	157.72	168.85	174.72	167.10	5.17	ppb
Antimony	121-1	0.87	0.91	0.88	0.89	2.39	ppb
Arsenic	75-2	44.20	46.08	47.41	45.89	3.52	ppb
Barium	135-1	85.57	84.97	79.33	83.29	4.13	ppb
Barium	137-1	85.68	86.32	82.72	84.91	2.26	ppb
Beryllium	9-1	0.09	0.12	0.09	0.10	20.12	ppb
Bismuth	209-1				134		%
Bismuth	209-2				94		%
Boron	10-1	96.23	102.23	107.44	101.96	5.50	ppb
Boron	11-1	93.79	100.37	100.84	98.33	4.01	ppb
Cadmium	111-1	-0.23	-0.13	-0.16	-0.17		ppb
Cadmium	106-1	-3.23	-1.98	-2.10	-2.44		ppb
Cadmium	108-1	-0.13	-0.03	0.02	-0.05		ppb
Calcium	43-1	126122.32	132677.59	127486.25	128762.05	2.69	ppb
Calcium	44-1	126853.69	130226.86	127776.23	128285.59	1.36	ppb
Chromium	52-2	1.46	2.07	1.66	1.73	17.97	ppb
Cobalt	59-2	10.16	9.92	10.14	10.07	1.35	ppb
Copper	63-2	4.14	4.14	3.82	4.03	4.49	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				133		%
Holmium	165-2				94		%
Indium	115-1				112		%
Indium	115-2				74		%
Iron	56-2	25273.30	26117.51	26042.00	25810.94	1.81	ppb
Iron	57-2	25043.78	25380.15	25482.48	25302.14	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.31	0.31	0.31	3.42	ppb
Lead	207-1	0.30	0.24	0.28	0.27	10.67	ppb
Lead	208-1	0.27	0.27	0.27	0.27	0.88	ppb
Lithium	6-1				40		%
Magnesium	24-2	63084.18	63898.28	63892.98	63625.15	0.74	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1864.76	1913.19	1917.21	1898.39	1.54	ppb
Molybdenum	94-1	1.97	2.26	1.89	2.04	9.51	ppb
Molybdenum	95-1	2.38	2.56	2.60	2.51	4.53	ppb
Molybdenum	96-1	2.38	2.61	2.54	2.51	4.61	ppb
Molybdenum	97-1	2.69	2.84	2.87	2.80	3.49	ppb
Molybdenum	98-1	2.50	2.61	2.73	2.61	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.38	12.89	13.26	12.84	3.46	ppb
Phosphorus	31-2	3.54	-44.34	-11.47	-17.42		ppb
Potassium	39-2	7789.41	8038.06	7937.93	7921.80	1.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				64		%
Selenium	77-2	3.26	3.42	3.41	3.36	2.68	ppb
Selenium	78-2	-0.37	-0.35	1.16	0.15	592.95	ppb
Selenium	82-1	-0.81	-0.07	-2.48	-1.12		ppb
Silicon	28-1	6179.09	6352.43	6136.53	6222.68	1.84	ppb
Silver	109-1	0.77	0.54	0.43	0.58	30.35	ppb
Silver	107-1	0.71	0.52	0.42	0.55	26.45	ppb
Sodium	23-2	90295.62	90066.67	90056.18	90139.49	0.15	ppb
Strontium	86-1	1021.61	1087.00	1037.00	1048.54	3.26	ppb
Strontium	88-1	1051.38	1104.24	1072.12	1075.91	2.48	ppb
Sulfur	34-1	-5250.24	-4966.45	-5409.23	-5208.64		ppb
Terbium	159-1				130		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.00	0.00	0.00	304.04	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	28.87	ppb
Tin	118-1	1.57	1.52	1.50	1.53	2.49	ppb
Titanium	47-1	8.29	8.15	8.26	8.23	0.90	ppb
Uranium	238-1	0.98	1.03	1.03	1.01	2.92	ppb
Vanadium	51-2	0.62	0.49	0.56	0.56	12.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				73		%
Zinc	66-2	13.54	13.14	13.95	13.54	3.00	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.15	0.13	0.15	14.33	ppb
Zirconium	91-1	0.21	0.15	0.16	0.17	20.26	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	176.91	189.82	176.29	181.01	4.22	ppb
Antimony	121-1	0.88	0.88	0.94	0.90	3.52	ppb
Arsenic	75-2	18.76	19.81	20.26	19.61	3.92	ppb
Barium	135-1	29.94	27.91	31.63	29.83	6.23	ppb
Barium	137-1	30.37	29.58	31.76	30.57	3.62	ppb
Beryllium	9-1	0.02	0.09	0.07	0.06	56.41	ppb
Bismuth	209-1				136		%
Bismuth	209-2				95		%
Boron	10-1	74.10	70.74	79.41	74.75	5.85	ppb
Boron	11-1	71.40	74.37	75.48	73.75	2.86	ppb
Cadmium	111-1	-0.17	-0.15	-0.24	-0.19		ppb
Cadmium	106-1	-2.49	-2.04	-3.15	-2.56		ppb
Cadmium	108-1	-0.08	-0.04	0.23	0.04	444.48	ppb
Calcium	43-1	59132.33	58196.18	62292.37	59873.63	3.58	ppb
Calcium	44-1	60034.77	59393.53	63101.77	60843.36	3.26	ppb
Chromium	52-2	2.91	3.18	3.18	3.09	5.06	ppb
Cobalt	59-2	0.79	0.77	0.84	0.80	4.07	ppb
Copper	63-2	4.26	3.89	4.09	4.08	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				134		%
Holmium	165-2				93		%
Indium	115-1				113		%
Indium	115-2				74		%
Iron	56-2	553.71	555.89	543.74	551.11	1.18	ppb
Iron	57-2	525.14	549.35	533.26	535.92	2.30	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.30	0.34	0.31	7.31	ppb
Lead	207-1	0.31	0.30	0.31	0.31	1.25	ppb
Lead	208-1	0.30	0.30	0.32	0.30	3.48	ppb
Lithium	6-1				34		%
Magnesium	24-2	18251.26	18626.19	18269.69	18382.38	1.15	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	643.97	647.50	636.48	642.65	0.88	ppb
Molybdenum	94-1	9.92	9.05	9.71	9.56	4.74	ppb
Molybdenum	95-1	13.19	12.84	13.22	13.08	1.62	ppb
Molybdenum	96-1	13.01	12.60	12.91	12.84	1.70	ppb
Molybdenum	97-1	14.08	12.92	13.79	13.60	4.44	ppb
Molybdenum	98-1	13.37	13.51	13.72	13.53	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.18	4.11	4.53	4.27	5.27	ppb
Phosphorus	31-2	38.26	21.96	53.98	38.07	42.06	ppb
Potassium	39-2	5348.06	5429.02	5269.63	5348.91	1.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				86		%
Scandium	45-1				77		%
Scandium	45-2				63		%
Selenium	77-2	3.36	3.54	-1.04	1.95	132.78	ppb
Selenium	78-2	-0.36	-0.32	-0.34	-0.34		ppb
Selenium	82-1	-0.57	0.67	0.42	0.17	376.26	ppb
Silicon	28-1	4946.48	4836.64	5097.27	4960.13	2.64	ppb
Silver	109-1	0.21	0.16	0.16	0.18	15.54	ppb
Silver	107-1	0.21	0.19	0.15	0.18	15.94	ppb
Sodium	23-2	76977.37	76421.23	75511.60	76303.40	0.97	ppb
Strontium	86-1	347.60	338.39	355.96	347.32	2.53	ppb
Strontium	88-1	357.30	355.87	370.35	361.17	2.21	ppb
Sulfur	34-1	-490.93	-1541.97	-51.24	-694.71		ppb
Terbium	159-1				131		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	52.30	ppb
Tin	118-1	1.07	1.02	1.13	1.07	5.21	ppb
Titanium	47-1	7.61	7.59	8.18	7.79	4.31	ppb
Uranium	238-1	3.41	3.34	3.58	3.44	3.63	ppb
Vanadium	51-2	2.56	2.33	2.12	2.34	9.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				72		%
Zinc	66-2	9.76	11.23	11.49	10.82	8.63	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.19	0.19	0.20	5.98	ppb
Zirconium	91-1	0.22	0.20	0.26	0.23	14.81	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	150.96	151.57	153.60	152.04	0.91	ppb
Antimony	121-1	1.06	1.14	1.17	1.12	5.27	ppb
Arsenic	75-2	19.90	20.36	21.73	20.66	4.62	ppb
Barium	135-1	30.21	31.12	32.46	31.26	3.62	ppb
Barium	137-1	30.18	32.29	32.73	31.73	4.29	ppb
Beryllium	9-1	0.35	0.41	0.49	0.41	16.77	ppb
Bismuth	209-1				134		%
Bismuth	209-2				91		%
Boron	10-1	75.11	73.32	71.68	73.37	2.34	ppb
Boron	11-1	68.50	71.14	73.86	71.16	3.77	ppb
Cadmium	111-1	0.15	0.02	0.05	0.08	87.84	ppb
Cadmium	106-1	-1.31	-2.46	-2.96	-2.24		ppb
Cadmium	108-1	0.26	0.44	0.33	0.34	25.16	ppb
Calcium	43-1	57404.19	62219.37	62499.23	60707.60	4.72	ppb
Calcium	44-1	58531.37	62605.89	63750.12	61629.13	4.45	ppb
Chromium	52-2	3.76	3.68	3.58	3.67	2.51	ppb
Cobalt	59-2	1.20	1.25	1.08	1.18	7.62	ppb
Copper	63-2	5.09	4.91	5.05	5.02	1.89	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				133		%
Holmium	165-2				90		%
Indium	115-1				112		%
Indium	115-2				72		%
Iron	56-2	540.90	538.71	539.80	539.80	0.20	ppb
Iron	57-2	515.17	535.29	508.80	519.76	2.66	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.62	0.68	0.60	15.22	ppb
Lead	207-1	0.55	0.55	0.47	0.52	8.43	ppb
Lead	208-1	0.52	0.56	0.56	0.55	4.39	ppb
Lithium	6-1				32		%
Magnesium	24-2	19185.43	19051.27	18841.27	19025.99	0.91	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	662.46	668.90	661.61	664.33	0.60	ppb
Molybdenum	94-1	10.99	11.01	11.68	11.23	3.52	ppb
Molybdenum	95-1	14.01	15.04	15.20	14.75	4.36	ppb
Molybdenum	96-1	14.00	14.92	15.06	14.66	3.90	ppb
Molybdenum	97-1	14.60	15.71	15.71	15.34	4.19	ppb
Molybdenum	98-1	14.27	15.61	15.63	15.17	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.63	5.18	4.30	4.70	9.45	ppb
Phosphorus	31-2	-9.59	94.40	41.57	42.13	123.44	ppb
Potassium	39-2	5604.08	5666.40	5561.72	5610.73	0.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				84		%
Scandium	45-1				74		%
Scandium	45-2				60		%
Selenium	77-2	-1.04	3.53	3.63	2.04	130.77	ppb
Selenium	78-2	0.46	2.00	-0.31	0.72	163.85	ppb
Selenium	82-1	-0.11	0.04	0.45	0.13	225.59	ppb
Silicon	28-1	4757.48	4988.60	4994.50	4913.53	2.75	ppb
Silver	109-1	0.42	0.39	0.38	0.40	5.54	ppb
Silver	107-1	0.42	0.48	0.36	0.42	14.13	ppb
Sodium	23-2	78093.38	77336.89	76671.38	77367.22	0.92	ppb
Strontium	86-1	331.39	357.67	361.96	350.34	4.72	ppb
Strontium	88-1	351.10	373.77	373.89	366.25	3.58	ppb
Sulfur	34-1	-2143.53	-416.82	-608.64	-1056.33		ppb
Terbium	159-1				130		%
Terbium	159-2				87		%
Thallium	203-1	0.31	0.32	0.31	0.31	1.54	ppb
Thallium	205-1	0.28	0.34	0.33	0.32	9.32	ppb
Tin	118-1	1.03	1.14	1.24	1.14	9.22	ppb
Titanium	47-1	6.91	7.63	8.04	7.53	7.59	ppb
Uranium	238-1	3.59	3.86	3.91	3.79	4.56	ppb
Vanadium	51-2	2.77	2.57	2.83	2.72	5.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				70		%
Zinc	66-2	8.91	7.69	7.18	7.93	11.19	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	0.46	0.42	0.44	4.88	ppb
Zirconium	91-1	0.41	0.40	0.43	0.41	3.80	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.18	488.40	488.94	490.84	0.77	ppb
Antimony	121-1	8.76	8.73	7.87	8.45	6.00	ppb
Arsenic	75-2	0.87	1.10	1.23	1.07	16.88	ppb
Barium	135-1	4.04	4.07	3.93	4.02	1.81	ppb
Barium	137-1	4.43	4.39	3.97	4.26	5.98	ppb
Beryllium	9-1	0.26	0.21	0.20	0.22	15.11	ppb
Bismuth	209-1				142		%
Bismuth	209-2				97		%
Boron	10-1	432.31	459.43	449.27	447.00	3.07	ppb
Boron	11-1	426.95	444.95	422.37	431.42	2.77	ppb
Cadmium	111-1	3.08	3.03	2.73	2.95	6.34	ppb
Cadmium	106-1	1.37	0.77	-0.07	0.69	104.87	ppb
Cadmium	108-1	3.10	3.76	3.15	3.34	10.93	ppb
Calcium	43-1	40947.42	40972.52	38486.25	40135.40	3.56	ppb
Calcium	44-1	42345.61	42099.36	39281.84	41242.27	4.13	ppb
Chromium	52-2	52126.96	52111.97	51580.14	51939.69	0.60	ppb
Cobalt	59-2	12.70	12.72	12.59	12.67	0.56	ppb
Copper	63-2	1371.66	1385.44	1386.18	1381.09	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				137		%
Holmium	165-2				92		%
Indium	115-1				113		%
Indium	115-2				72		%
Iron	56-2	1056.36	1066.47	1056.35	1059.73	0.55	ppb
Iron	57-2	1072.99	1079.26	1041.43	1064.56	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.72	0.79	0.75	4.69	ppb
Lead	207-1	0.65	0.75	0.66	0.69	8.20	ppb
Lead	208-1	0.71	0.75	0.67	0.71	5.04	ppb
Lithium	6-1				31		%
Magnesium	24-2	7932.07	8025.70	8061.26	8006.34	0.83	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	937.67	953.16	955.11	948.65	1.01	ppb
Molybdenum	94-1	1.07	1.04	1.07	1.06	1.72	ppb
Molybdenum	95-1	0.62	0.86	0.62	0.70	20.37	ppb
Molybdenum	96-1	0.78	0.75	0.63	0.72	11.47	ppb
Molybdenum	97-1	0.91	1.00	1.03	0.98	6.62	ppb
Molybdenum	98-1	0.66	0.67	0.64	0.66	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.96	102.58	101.87	102.14	0.38	ppb
Phosphorus	31-2	-9.33	8.78	8.17	2.54	404.53	ppb
Potassium	39-2	2098.83	2168.00	2134.90	2133.91	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				84		%
Scandium	45-1				75		%
Scandium	45-2				59		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	1.28	2.04	-0.33	1.00	121.82	ppb
Selenium	82-1	1.28	1.64	0.86	1.26	31.24	ppb
Silicon	28-1	24116.64	23631.83	21956.58	23235.02	4.88	ppb
Silver	109-1	0.16	0.14	0.11	0.14	16.75	ppb
Silver	107-1	0.15	0.14	0.14	0.14	3.98	ppb
Sodium	23-2	194658.67	194304.62	194081.77	194348.36	0.15	ppb
Strontium	86-1	39.97	41.30	37.62	39.63	4.70	ppb
Strontium	88-1	40.42	41.18	37.66	39.75	4.67	ppb
Sulfur	34-1	17329.16	15924.69	13274.55	15509.47	13.28	ppb
Terbium	159-1				134		%
Terbium	159-2				89		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.00	196.71	ppb
Tin	118-1	0.79	0.79	0.77	0.78	1.80	ppb
Titanium	47-1	3.18	3.05	2.64	2.96	9.59	ppb
Uranium	238-1	0.05	0.06	0.04	0.05	24.93	ppb
Vanadium	51-2	0.30	0.25	0.44	0.33	29.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				70		%
Zinc	66-2	111.38	114.16	114.53	113.36	1.52	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.37	0.31	0.35	11.32	ppb
Zirconium	91-1	0.37	0.38	0.31	0.35	10.93	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.95	6.27	6.90	6.04	16.51	ppb
Antimony	121-1	0.65	0.55	0.63	0.61	8.57	ppb
Arsenic	75-2	0.69	0.47	0.57	0.58	19.28	ppb
Barium	135-1	0.20	0.26	0.22	0.23	13.39	ppb
Barium	137-1	0.24	0.25	0.29	0.26	11.32	ppb
Beryllium	9-1	0.03	0.07	0.08	0.06	45.24	ppb
Bismuth	209-1				138		%
Bismuth	209-2				91		%
Boron	10-1	13.28	14.70	12.95	13.64	6.84	ppb
Boron	11-1	13.07	11.18	11.11	11.79	9.40	ppb
Cadmium	111-1	-0.23	-0.19	-0.24	-0.22		ppb
Cadmium	106-1	-3.20	-2.96	-3.52	-3.23		ppb
Cadmium	108-1	0.02	-0.13	0.02	-0.03		ppb
Calcium	43-1	97.79	110.08	107.26	105.04	6.13	ppb
Calcium	44-1	80.51	84.10	90.86	85.16	6.17	ppb
Chromium	52-2	4.38	4.60	4.52	4.50	2.40	ppb
Cobalt	59-2	0.06	0.04	0.03	0.05	33.22	ppb
Copper	63-2	3.51	3.49	3.45	3.48	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				87		%
Indium	115-1				111		%
Indium	115-2				69		%
Iron	56-2	13.48	14.94	13.25	13.89	6.62	ppb
Iron	57-2	14.64	4.41	13.62	10.89	51.71	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.27	0.21	0.22	19.42	ppb
Lead	207-1	0.20	0.21	0.20	0.20	3.33	ppb
Lead	208-1	0.21	0.22	0.22	0.22	3.62	ppb
Lithium	6-1				30		%
Magnesium	24-2	10.80	9.17	7.12	9.03	20.45	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.07	1.13	1.08	3.48	ppb
Molybdenum	94-1	0.12	0.04	0.06	0.07	60.15	ppb
Molybdenum	95-1	0.14	0.13	0.17	0.15	12.30	ppb
Molybdenum	96-1	0.20	0.15	0.13	0.16	24.82	ppb
Molybdenum	97-1	0.26	0.37	0.32	0.32	17.46	ppb
Molybdenum	98-1	0.15	0.15	0.16	0.15	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.11	1.04	1.08	3.00	ppb
Phosphorus	31-2	-44.34	9.97	-7.64	-14.01		ppb
Potassium	39-2	74.42	64.46	72.92	70.60	7.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				84		%
Scandium	45-1				71		%
Scandium	45-2				57		%
Selenium	77-2	3.74	-1.04	3.70	2.13	128.84	ppb
Selenium	78-2	-1.10	-1.10	-0.30	-0.83		ppb
Selenium	82-1	-1.31	-1.18	0.13	-0.79		ppb
Silicon	28-1	-43.07	-41.31	-42.50	-42.30		ppb
Silver	109-1	0.08	0.07	0.05	0.06	24.71	ppb
Silver	107-1	0.07	0.05	0.07	0.06	15.91	ppb
Sodium	23-2	236.61	234.03	227.19	232.61	2.09	ppb
Strontium	86-1	0.08	0.03	0.08	0.06	45.92	ppb
Strontium	88-1	0.17	0.19	0.21	0.19	9.63	ppb
Sulfur	34-1	-10856.46	-11143.83	-10559.00	-10853.09		ppb
Terbium	159-1				131		%
Terbium	159-2				85		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.47	0.48	0.56	0.50	9.71	ppb
Titanium	47-1	0.15	0.07	0.11	0.11	37.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	314.26	ppb
Vanadium	51-2	0.14	0.16	0.14	0.15	5.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				67		%
Zinc	66-2	14.09	13.11	13.84	13.68	3.70	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.02	-0.01	0.00	755.69	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:43:31 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.83	8.51	7.15	7.16	18.69	ppb
Antimony	121-1	0.60	0.68	0.66	0.64	6.11	ppb
Arsenic	75-2	2.21	1.90	1.91	2.01	8.77	ppb
Barium	135-1	130.59	133.00	131.10	131.56	0.97	ppb
Barium	137-1	133.57	138.17	132.57	134.77	2.21	ppb
Beryllium	9-1	0.10	0.10	0.08	0.09	13.85	ppb
Bismuth	209-1				139		%
Bismuth	209-2				90		%
Boron	10-1	68.71	71.05	70.02	69.93	1.67	ppb
Boron	11-1	60.14	65.70	62.76	62.87	4.42	ppb
Cadmium	111-1	2.16	2.22	2.12	2.17	2.29	ppb
Cadmium	106-1	0.17	0.01	-0.42	-0.08		ppb
Cadmium	108-1	1.81	2.14	2.47	2.14	15.45	ppb
Calcium	43-1	87787.81	90547.55	88406.72	88914.03	1.63	ppb
Calcium	44-1	88875.96	92882.89	91481.57	91080.14	2.23	ppb
Chromium	52-2	1161.58	1134.04	1100.62	1132.08	2.70	ppb
Cobalt	59-2	2.38	2.39	2.28	2.35	2.38	ppb
Copper	63-2	14.17	14.32	13.28	13.93	4.03	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				136		%
Holmium	165-2				89		%
Indium	115-1				113		%
Indium	115-2				70		%
Iron	56-2	218.64	211.85	206.61	212.37	2.84	ppb
Iron	57-2	202.39	201.60	200.59	201.53	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.16	0.16	4.87	ppb
Lead	207-1	0.13	0.14	0.15	0.14	7.86	ppb
Lead	208-1	0.15	0.15	0.15	0.15	0.64	ppb
Lithium	6-1				29		%
Magnesium	24-2	17327.68	16906.60	16501.36	16911.88	2.44	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:43:31 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2026.28	2004.69	1948.27	1993.08	2.02	ppb
Molybdenum	94-1	0.51	0.55	0.51	0.52	4.55	ppb
Molybdenum	95-1	0.63	0.60	0.52	0.58	10.18	ppb
Molybdenum	96-1	0.70	0.73	0.66	0.70	5.12	ppb
Molybdenum	97-1	0.75	0.88	0.95	0.86	11.46	ppb
Molybdenum	98-1	0.73	0.67	0.67	0.69	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.05	11.28	11.03	11.45	4.65	ppb
Phosphorus	31-2	-44.34	-26.33	-9.45	-26.71		ppb
Potassium	39-2	1785.28	1731.41	1651.78	1722.82	3.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				82		%
Scandium	45-1				73		%
Scandium	45-2				59		%
Selenium	77-2	-1.04	8.74	-1.04	2.22	254.32	ppb
Selenium	78-2	-1.10	3.04	0.46	0.80	262.08	ppb
Selenium	82-1	1.22	2.10	2.58	1.96	35.22	ppb
Silicon	28-1	4261.15	4466.02	4303.39	4343.52	2.49	ppb
Silver	109-1	0.07	0.07	0.05	0.06	19.12	ppb
Silver	107-1	0.07	0.07	0.05	0.07	15.50	ppb
Sodium	23-2	100957.77	99201.36	95554.00	98571.04	2.80	ppb
Strontium	86-1	132.07	135.53	131.36	132.99	1.68	ppb
Strontium	88-1	132.89	143.45	136.81	137.72	3.88	ppb
Sulfur	34-1	-2458.51	-1632.94	-2727.40	-2272.95		ppb
Terbium	159-1				133		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.57	0.52	0.50	0.53	6.97	ppb
Titanium	47-1	0.29	0.22	0.33	0.28	20.57	ppb
Uranium	238-1	0.32	0.33	0.37	0.34	7.08	ppb
Vanadium	51-2	0.56	0.72	0.65	0.64	12.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				67		%
Zinc	66-2	23.98	26.02	24.39	24.80	4.36	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:43:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.01	0.02	0.02	66.56	ppb
Zirconium	91-1	0.02	0.05	0.01	0.03	72.89	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:46:59	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.87	455.39	482.31	469.53	2.88	ppb
Antimony	121-1	9.00	8.84	9.06	8.97	1.31	ppb
Arsenic	75-2	1.52	1.33	1.96	1.60	20.28	ppb
Barium	135-1	5.54	5.73	6.92	6.06	12.30	ppb
Barium	137-1	5.87	6.08	6.53	6.16	5.49	ppb
Beryllium	9-1	0.74	0.78	0.95	0.83	13.47	ppb
Bismuth	209-1				146		%
Bismuth	209-2				100		%
Boron	10-1	439.80	452.83	486.78	459.81	5.27	ppb
Boron	11-1	431.10	448.03	467.67	448.94	4.08	ppb
Cadmium	111-1	3.21	3.22	3.49	3.31	4.85	ppb
Cadmium	106-1	0.42	-0.73	1.06	0.25	361.97	ppb
Cadmium	108-1	4.09	2.50	3.02	3.20	25.26	ppb
Calcium	43-1	39484.87	40152.87	42147.14	40594.96	3.41	ppb
Calcium	44-1	40391.68	40650.10	43186.64	41409.47	3.73	ppb
Chromium	52-2	51785.20	47913.90	51274.98	50324.69	4.18	ppb
Cobalt	59-2	13.52	12.57	13.24	13.11	3.74	ppb
Copper	63-2	1359.34	1281.07	1365.14	1335.18	3.52	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				141		%
Holmium	165-2				96		%
Indium	115-1				114		%
Indium	115-2				74		%
Iron	56-2	1148.67	1079.59	1140.63	1122.96	3.36	ppb
Iron	57-2	1104.92	1129.67	1138.25	1124.28	1.54	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.19	1.21	1.18	3.70	ppb
Lead	207-1	1.01	1.03	1.14	1.06	6.77	ppb
Lead	208-1	1.05	1.13	1.16	1.11	5.15	ppb
Lithium	6-1				30		%
Magnesium	24-2	7992.60	7441.57	7860.82	7765.00	3.71	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:46:59 DataFile Name : 085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.32	897.75	964.34	946.13	4.47	ppb
Molybdenum	94-1	3.05	3.00	3.15	3.07	2.53	ppb
Molybdenum	95-1	2.35	2.33	2.64	2.44	7.03	ppb
Molybdenum	96-1	2.41	2.76	2.86	2.68	8.71	ppb
Molybdenum	97-1	2.76	2.53	2.73	2.67	4.72	ppb
Molybdenum	98-1	2.58	2.54	2.84	2.65	6.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.81	99.05	103.76	101.87	2.44	ppb
Phosphorus	31-2	-9.08	71.26	-26.97	11.73	445.83	ppb
Potassium	39-2	2224.62	2114.41	2264.12	2201.05	3.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				87		%
Scandium	45-1				74		%
Scandium	45-2				61		%
Selenium	77-2	3.55	3.27	-1.04	1.93	133.57	ppb
Selenium	78-2	0.45	2.55	-0.33	0.89	166.94	ppb
Selenium	82-1	2.79	2.59	2.71	2.70	3.84	ppb
Silicon	28-1	22983.41	22872.69	24370.37	23408.82	3.57	ppb
Silver	109-1	0.41	0.41	0.44	0.42	4.59	ppb
Silver	107-1	0.37	0.41	0.36	0.38	7.30	ppb
Sodium	23-2	193485.86	182211.66	193784.85	189827.46	3.48	ppb
Strontium	86-1	40.50	41.66	43.12	41.76	3.14	ppb
Strontium	88-1	40.92	41.66	43.09	41.89	2.64	ppb
Sulfur	34-1	14611.08	14524.49	16519.28	15218.29	7.41	ppb
Terbium	159-1				139		%
Terbium	159-2				92		%
Thallium	203-1	0.33	0.31	0.35	0.33	6.35	ppb
Thallium	205-1	0.36	0.34	0.35	0.35	2.04	ppb
Tin	118-1	0.96	0.97	0.95	0.96	1.22	ppb
Titanium	47-1	5.26	4.26	5.62	5.05	13.92	ppb
Uranium	238-1	0.36	0.41	0.43	0.40	10.09	ppb
Vanadium	51-2	0.81	0.66	0.77	0.75	10.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				72		%
Zinc	66-2	128.84	116.65	124.51	123.33	5.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:46:59	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.76	0.73	0.77	0.75	3.13	ppb
Zirconium	91-1	0.78	0.72	0.82	0.77	6.44	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:50:24	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2046.75	2008.36	1981.72	2012.28	1.62	ppb
Antimony	121-1	1.23	1.30	1.21	1.25	3.49	ppb
Arsenic	75-2	2.42	2.57	2.37	2.45	4.23	ppb
Barium	135-1	117.13	125.67	114.76	119.19	4.81	ppb
Barium	137-1	121.90	124.60	120.53	122.34	1.70	ppb
Beryllium	9-1	2.76	3.02	2.58	2.79	8.04	ppb
Bismuth	209-1				144		%
Bismuth	209-2				97		%
Boron	10-1	2917.20	3052.62	3002.05	2990.63	2.29	ppb
Boron	11-1	2890.83	3000.82	2946.49	2946.05	1.87	ppb
Cadmium	111-1	253.62	258.79	253.23	255.21	1.22	ppb
Cadmium	106-1	223.46	229.19	214.05	222.23	3.44	ppb
Cadmium	108-1	229.83	232.68	224.76	229.09	1.75	ppb
Calcium	43-1	88113.81	89102.90	88293.59	88503.43	0.60	ppb
Calcium	44-1	89034.41	92311.91	89188.92	90178.41	2.05	ppb
Chromium	52-2	53157.58	51271.52	52983.80	52470.97	1.99	ppb
Cobalt	59-2	27.76	26.14	27.34	27.08	3.10	ppb
Copper	63-2	1924.96	1866.17	1914.99	1902.04	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				142		%
Holmium	165-2				95		%
Indium	115-1				112		%
Indium	115-2				73		%
Iron	56-2	1179.11	1138.23	1173.73	1163.69	1.91	ppb
Iron	57-2	1188.25	1133.15	1109.42	1143.60	3.54	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.70	0.74	0.71	4.53	ppb
Lead	207-1	0.65	0.69	0.68	0.67	2.83	ppb
Lead	208-1	0.64	0.67	0.68	0.66	3.12	ppb
Lithium	6-1				30		%
Magnesium	24-2	18646.15	17731.16	18302.15	18226.49	2.54	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:50:24 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8535.49	8275.00	8432.44	8414.31	1.56	ppb
Molybdenum	94-1	2.27	2.30	2.12	2.23	4.16	ppb
Molybdenum	95-1	2.53	2.35	2.35	2.41	4.39	ppb
Molybdenum	96-1	2.48	2.45	2.28	2.41	4.57	ppb
Molybdenum	97-1	2.58	2.60	2.57	2.58	0.64	ppb
Molybdenum	98-1	2.49	2.45	2.35	2.43	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	965.24	921.09	944.26	943.53	2.34	ppb
Phosphorus	31-2	43.90	-44.34	42.63	14.06	359.77	ppb
Potassium	39-2	3647.50	3486.39	3560.21	3564.70	2.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				85		%
Scandium	45-1				74		%
Scandium	45-2				60		%
Selenium	77-2	70.30	69.51	68.27	69.36	1.48	ppb
Selenium	78-2	17.97	17.75	10.63	15.45	27.03	ppb
Selenium	82-1	3.33	2.96	3.23	3.17	6.14	ppb
Silicon	28-1	6788.90	6965.20	6770.87	6841.66	1.57	ppb
Silver	109-1	0.42	0.42	0.43	0.42	1.47	ppb
Silver	107-1	0.47	0.43	0.43	0.44	5.06	ppb
Sodium	23-2	286361.04	275978.05	283840.32	282059.80	1.92	ppb
Strontium	86-1	253.48	266.40	256.30	258.73	2.63	ppb
Strontium	88-1	267.71	277.54	268.32	271.19	2.03	ppb
Sulfur	34-1	94871.33	97983.80	95821.45	96225.53	1.66	ppb
Terbium	159-1				138		%
Terbium	159-2				91		%
Thallium	203-1	0.47	0.41	0.49	0.46	9.39	ppb
Thallium	205-1	0.46	0.48	0.43	0.46	5.38	ppb
Tin	118-1	0.84	0.87	0.85	0.85	1.91	ppb
Titanium	47-1	3.03	2.75	2.65	2.81	6.88	ppb
Uranium	238-1	0.68	0.68	0.64	0.67	3.71	ppb
Vanadium	51-2	0.82	0.87	0.77	0.82	6.19	ppb
Yttrium	89-1				128		%
Yttrium	89-2				87		%
Zinc	66-2	662.43	629.05	656.58	649.35	2.75	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:50:24	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.34	0.29	0.31	10.08	ppb
Zirconium	91-1	0.33	0.33	0.23	0.30	19.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:53:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10330.94	10522.71	10638.27	10497.31	1.48	ppb
Antimony	121-1	455.12	447.22	451.51	451.28	0.88	ppb
Arsenic	75-2	409.27	406.54	409.92	408.58	0.44	ppb
Barium	135-1	2421.67	2408.52	2432.58	2420.92	0.50	ppb
Barium	137-1	2501.82	2386.99	2481.61	2456.80	2.50	ppb
Beryllium	9-1	645.72	628.46	641.04	638.41	1.40	ppb
Bismuth	209-1				143		%
Bismuth	209-2				98		%
Boron	10-1	3632.63	3558.87	3696.63	3629.38	1.90	ppb
Boron	11-1	3535.17	3531.70	3630.66	3565.85	1.57	ppb
Cadmium	111-1	673.55	655.51	670.13	666.40	1.44	ppb
Cadmium	106-1	627.45	609.09	619.17	618.57	1.49	ppb
Cadmium	108-1	631.84	612.68	628.35	624.29	1.63	ppb
Calcium	43-1	140578.18	135440.66	141347.66	139122.16	2.31	ppb
Calcium	44-1	142238.41	133963.81	140528.49	138910.24	3.14	ppb
Chromium	52-2	49629.26	51037.66	51378.27	50681.73	1.83	ppb
Cobalt	59-2	626.39	641.64	653.84	640.63	2.15	ppb
Copper	63-2	3155.39	3167.09	3198.10	3173.53	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				142		%
Holmium	165-2				98		%
Indium	115-1				113		%
Indium	115-2				73		%
Iron	56-2	29458.65	30459.90	30439.89	30119.48	1.90	ppb
Iron	57-2	28830.97	29562.23	29847.47	29413.56	1.78	ppb
Krypton	83-1						cps
Lead	206-1	492.78	471.56	482.69	482.34	2.20	ppb
Lead	207-1	477.33	451.95	467.64	465.64	2.75	ppb
Lead	208-1	495.33	468.41	482.53	482.09	2.79	ppb
Lithium	6-1				31		%
Magnesium	24-2	69348.35	70803.14	71938.22	70696.57	1.84	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:53:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8998.66	9355.99	9488.81	9281.16	2.73	ppb
Molybdenum	94-1	2150.15	2066.56	2136.69	2117.80	2.12	ppb
Molybdenum	95-1	2121.45	2067.30	2123.71	2104.16	1.52	ppb
Molybdenum	96-1	2147.54	2053.94	2137.37	2112.95	2.43	ppb
Molybdenum	97-1	2192.41	2096.14	2175.63	2154.73	2.39	ppb
Molybdenum	98-1	2168.94	2073.03	2152.75	2131.57	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1487.81	1531.47	1563.40	1527.56	2.48	ppb
Phosphorus	31-2	4.73	5.48	23.25	11.15	93.96	ppb
Potassium	39-2	25711.48	26210.83	26623.31	26181.87	1.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				87		%
Scandium	45-1				75		%
Scandium	45-2				63		%
Selenium	77-2	422.43	341.46	385.37	383.09	10.58	ppb
Selenium	78-2	360.35	354.56	357.68	357.53	0.81	ppb
Selenium	82-1	388.46	370.21	380.20	379.63	2.41	ppb
Silicon	28-1	7387.46	6994.49	7301.05	7227.67	2.86	ppb
Silver	109-1	415.96	409.70	416.58	414.08	0.92	ppb
Silver	107-1	415.82	399.61	410.82	408.75	2.03	ppb
Sodium	23-2	317848.78	324370.80	331553.33	324590.97	2.11	ppb
Strontium	86-1	669.13	643.11	668.14	660.13	2.23	ppb
Strontium	88-1	689.65	661.20	684.38	678.41	2.23	ppb
Sulfur	34-1	99636.08	92086.82	95084.73	95602.54	3.98	ppb
Terbium	159-1				139		%
Terbium	159-2				95		%
Thallium	203-1	479.74	459.06	475.72	471.51	2.32	ppb
Thallium	205-1	518.56	484.49	501.87	501.64	3.40	ppb
Tin	118-1	414.29	402.65	434.88	417.27	3.91	ppb
Titanium	47-1	2591.66	2452.74	2572.54	2538.98	2.97	ppb
Uranium	238-1	520.76	491.66	508.67	507.03	2.88	ppb
Vanadium	51-2	562.51	565.18	580.90	569.53	1.75	ppb
Yttrium	89-1				128		%
Yttrium	89-2				89		%
Zinc	66-2	1757.63	1811.67	1820.67	1796.66	1.90	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:53:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	421.00	410.86	418.82	416.89	1.28	ppb
Zirconium	91-1	407.91	392.68	405.31	401.97	2.03	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:57:04	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10918.24	10247.34	10344.71	10503.43	3.45	ppb
Antimony	121-1	441.10	452.28	443.99	445.79	1.30	ppb
Arsenic	75-2	424.22	411.25	414.83	416.77	1.61	ppb
Barium	135-1	2357.05	2416.93	2379.83	2384.60	1.27	ppb
Barium	137-1	2397.90	2453.90	2383.40	2411.73	1.54	ppb
Beryllium	9-1	623.16	646.51	647.11	638.93	2.14	ppb
Bismuth	209-1				148		%
Bismuth	209-2				99		%
Boron	10-1	3467.91	3678.87	3651.75	3599.51	3.19	ppb
Boron	11-1	3419.95	3600.75	3604.90	3541.87	2.98	ppb
Cadmium	111-1	656.19	673.34	658.65	662.73	1.40	ppb
Cadmium	106-1	626.03	626.77	625.00	625.93	0.14	ppb
Cadmium	108-1	624.50	639.00	617.35	626.95	1.76	ppb
Calcium	43-1	135411.40	138991.61	140375.80	138259.60	1.85	ppb
Calcium	44-1	136030.81	139380.80	139126.89	138179.50	1.35	ppb
Chromium	52-2	52201.42	49252.36	50330.44	50594.74	2.95	ppb
Cobalt	59-2	667.84	628.75	636.03	644.21	3.23	ppb
Copper	63-2	3309.92	3100.97	3162.67	3191.19	3.36	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				146		%
Holmium	165-2				98		%
Indium	115-1				114		%
Indium	115-2				73		%
Iron	56-2	31331.77	29465.76	29999.35	30265.63	3.18	ppb
Iron	57-2	30332.43	28782.87	29248.58	29454.63	2.70	ppb
Krypton	83-1						cps
Lead	206-1	469.61	485.33	476.32	477.09	1.65	ppb
Lead	207-1	451.94	473.66	458.25	461.28	2.42	ppb
Lead	208-1	465.49	489.33	476.35	477.06	2.50	ppb
Lithium	6-1				32		%
Magnesium	24-2	74336.49	69643.92	70128.86	71369.76	3.62	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-11 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:57:04 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9735.53	9041.33	9198.44	9325.10	3.90	ppb
Molybdenum	94-1	2050.50	2161.51	2082.89	2098.30	2.72	ppb
Molybdenum	95-1	2048.44	2112.49	2097.84	2086.26	1.61	ppb
Molybdenum	96-1	2078.99	2109.93	2095.00	2094.64	0.74	ppb
Molybdenum	97-1	2101.46	2148.48	2098.78	2116.24	1.32	ppb
Molybdenum	98-1	2098.78	2151.09	2100.16	2116.68	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1605.21	1509.43	1531.26	1548.63	3.24	ppb
Phosphorus	31-2	41.23	4.36	4.93	16.84	125.46	ppb
Potassium	39-2	26805.61	25448.09	25484.51	25912.74	2.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				87		%
Scandium	45-1				78		%
Scandium	45-2				63		%
Selenium	77-2	420.16	457.84	393.81	423.94	7.59	ppb
Selenium	78-2	375.98	379.28	371.67	375.64	1.02	ppb
Selenium	82-1	369.86	376.52	373.68	373.35	0.90	ppb
Silicon	28-1	6851.23	7049.98	7122.64	7007.95	2.00	ppb
Silver	109-1	411.34	423.99	412.52	415.95	1.68	ppb
Silver	107-1	404.61	415.24	407.27	409.04	1.35	ppb
Sodium	23-2	331894.50	314204.55	319460.78	321853.28	2.82	ppb
Strontium	86-1	643.72	658.61	655.84	652.73	1.21	ppb
Strontium	88-1	655.13	676.57	668.31	666.67	1.62	ppb
Sulfur	34-1	89022.36	92100.27	92689.49	91270.71	2.16	ppb
Terbium	159-1				142		%
Terbium	159-2				94		%
Thallium	203-1	458.98	478.96	462.99	466.98	2.26	ppb
Thallium	205-1	484.12	501.71	493.31	493.05	1.78	ppb
Tin	118-1	405.02	428.25	408.16	413.81	3.05	ppb
Titanium	47-1	2429.24	2474.50	2514.51	2472.75	1.73	ppb
Uranium	238-1	499.50	521.40	501.97	507.62	2.36	ppb
Vanadium	51-2	590.65	560.59	564.83	572.03	2.84	ppb
Yttrium	89-1				132		%
Yttrium	89-2				88		%
Zinc	66-2	1863.16	1750.91	1795.71	1803.26	3.13	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:57:04	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	406.71	420.79	414.75	414.09	1.71	ppb
Zirconium	91-1	392.69	407.05	398.86	399.53	1.80	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44432.92	47890.13	45820.49	46047.85	3.78	ppb
Antimony	121-1	461.78	469.71	459.66	463.72	1.14	ppb
Arsenic	75-2	489.53	506.04	497.30	497.62	1.66	ppb
Barium	135-1	2361.79	2372.19	2346.68	2360.22	0.54	ppb
Barium	137-1	2364.90	2395.87	2355.27	2372.01	0.89	ppb
Beryllium	9-1	557.32	610.72	586.64	584.89	4.57	ppb
Bismuth	209-1				150		%
Bismuth	209-2				117		%
Boron	10-1	572.37	649.68	617.33	613.13	6.33	ppb
Boron	11-1	554.81	644.39	613.15	604.12	7.53	ppb
Cadmium	111-1	428.80	435.57	429.85	431.41	0.84	ppb
Cadmium	106-1	424.30	433.48	424.63	427.47	1.22	ppb
Cadmium	108-1	420.44	430.50	421.72	424.22	1.29	ppb
Calcium	43-1	234597.26	241235.45	234743.33	236858.68	1.60	ppb
Calcium	44-1	238302.06	238534.20	234940.56	237258.94	0.85	ppb
Chromium	52-2	527.97	564.48	541.61	544.69	3.39	ppb
Cobalt	59-2	539.08	572.70	551.86	554.55	3.06	ppb
Copper	63-2	1077.60	1134.56	1088.04	1100.07	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				149		%
Holmium	165-2				118		%
Indium	115-1				125		%
Indium	115-2				95		%
Iron	56-2	127752.69	134076.92	130111.56	130647.06	2.45	ppb
Iron	57-2	128067.90	136473.49	134123.61	132888.34	3.26	ppb
Krypton	83-1						cps
Lead	206-1	460.72	468.91	459.67	463.10	1.09	ppb
Lead	207-1	468.45	470.09	460.61	466.38	1.09	ppb
Lead	208-1	475.40	475.55	468.29	473.08	0.88	ppb
Lithium	6-1				55		%
Magnesium	24-2	237884.36	253506.73	242380.68	244590.59	3.29	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.39	1034.14	992.05	1001.53	2.90	ppb
Molybdenum	94-1	2581.55	2511.09	2468.92	2520.52	2.26	ppb
Molybdenum	95-1	2590.08	2527.94	2470.22	2529.41	2.37	ppb
Molybdenum	96-1	2575.34	2528.95	2469.78	2524.69	2.10	ppb
Molybdenum	97-1	2630.99	2576.29	2518.87	2575.39	2.18	ppb
Molybdenum	98-1	2625.49	2553.46	2521.46	2566.80	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.87	581.54	556.46	561.62	3.19	ppb
Phosphorus	31-2	9292.54	9001.26	9717.39	9337.06	3.86	ppb
Potassium	39-2	112147.29	118235.66	115274.79	115219.25	2.64	ppb
Rhodium	103-1				118		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	452.46	467.90	432.00	450.79	3.99	ppb
Selenium	78-2	446.73	448.06	453.19	449.33	0.76	ppb
Selenium	82-1	488.48	472.80	462.03	474.44	2.80	ppb
Silicon	28-1	340.03	354.57	346.85	347.15	2.10	ppb
Silver	109-1	435.22	440.52	429.47	435.07	1.27	ppb
Silver	107-1	420.56	430.64	424.73	425.31	1.19	ppb
Sodium	23-2	235835.61	252123.57	244345.00	244101.39	3.34	ppb
Strontium	86-1	482.72	483.55	472.01	479.43	1.34	ppb
Strontium	88-1	494.19	499.62	490.92	494.91	0.89	ppb
Sulfur	34-1	1022.31	2416.98	1187.44	1542.24	49.41	ppb
Terbium	159-1				145		%
Terbium	159-2				113		%
Thallium	203-1	454.53	464.65	454.37	457.85	1.29	ppb
Thallium	205-1	475.17	486.41	471.66	477.75	1.61	ppb
Tin	118-1	460.44	459.91	453.67	458.00	0.82	ppb
Titanium	47-1	2439.90	2476.80	2411.11	2442.60	1.35	ppb
Uranium	238-1	496.22	497.44	482.69	492.12	1.66	ppb
Vanadium	51-2	527.07	556.65	535.98	539.90	2.81	ppb
Yttrium	89-1				120		%
Yttrium	89-2				94		%
Zinc	66-2	1050.89	1120.54	1079.09	1083.51	3.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.78	499.37	493.20	497.45	0.74	ppb
Zirconium	91-1	476.91	478.76	468.88	474.85	1.11	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:24:35	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.45	-2.15	-0.58		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.30	ppb
Arsenic	75-2	0.03	-0.01	0.00	0.01	368.29	ppb
Barium	135-1	0.03	-0.01	-0.01	0.00	615.62	ppb
Barium	137-1	0.01	0.01	0.00	0.01	57.51	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	30.78	ppb
Bismuth	209-1				147		%
Bismuth	209-2				124		%
Boron	10-1	8.80	7.36	9.31	8.49	11.91	ppb
Boron	11-1	7.53	7.26	7.58	7.46	2.32	ppb
Cadmium	111-1	-0.22	-0.12	-0.10	-0.14		ppb
Cadmium	106-1	-2.99	-1.53	-1.41	-1.98		ppb
Cadmium	108-1	-0.13	-0.09	-0.09	-0.10		ppb
Calcium	43-1	3.62	0.74	-0.98	1.13	206.18	ppb
Calcium	44-1	-40.81	-44.70	-41.85	-42.45		ppb
Chromium	52-2	1.30	1.41	0.99	1.24	17.78	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.27	0.34	0.29	0.30	11.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				143		%
Holmium	165-2				118		%
Indium	115-1				127		%
Indium	115-2				101		%
Iron	56-2	-0.31	0.53	0.27	0.16	265.48	ppb
Iron	57-2	2.26	1.01	-0.45	0.94	143.81	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.09	0.10	8.90	ppb
Lead	207-1	0.07	0.03	0.11	0.07	61.40	ppb
Lead	208-1	0.07	0.08	0.09	0.08	11.22	ppb
Lithium	6-1				71		%
Magnesium	24-2	-0.67	0.85	1.69	0.62	192.62	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:24:35	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.11	0.03	0.04	159.93	ppb
Molybdenum	94-1	0.00	0.01	0.06	0.02	140.81	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.03	0.05	0.01	0.03	76.54	ppb
Molybdenum	97-1	0.03	0.05	0.08	0.05	49.89	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	105.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.06	0.03	60.72	ppb
Phosphorus	31-2	-20.16	-44.34	-32.17	-32.22		ppb
Potassium	39-2	-14.58	20.55	-3.87	0.70	2572.97	ppb
Rhodium	103-1				123		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				84		%
Selenium	77-2	-1.04	2.50	5.68	2.38	141.30	ppb
Selenium	78-2	-0.55	-0.50	0.04	-0.34		ppb
Selenium	82-1	2.09	1.83	0.39	1.44	63.61	ppb
Silicon	28-1	-35.96	-36.29	-35.78	-36.01		ppb
Silver	109-1	0.00	0.02	0.02	0.01	88.78	ppb
Silver	107-1	0.01	0.01	0.00	0.01	53.56	ppb
Sodium	23-2	42.54	51.73	36.64	43.64	17.42	ppb
Strontium	86-1	-0.20	-0.07	-0.16	-0.15		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-6958.05	-7074.34	-6712.04	-6914.81		ppb
Terbium	159-1				141		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	132.59	ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	-0.03	-0.02	-0.06	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	120.90	ppb
Vanadium	51-2	0.03	-0.01	0.01	0.01	213.89	ppb
Yttrium	89-1				119		%
Yttrium	89-2				95		%
Zinc	66-2	0.65	0.62	0.75	0.67	10.37	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:24:35	DataFile Name :	093CCBE.d

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

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10722.96	10509.94	11074.78	10769.23	2.65	ppb
Antimony	121-1	448.29	461.86	438.16	449.44	2.65	ppb
Arsenic	75-2	405.00	398.22	415.51	406.24	2.15	ppb
Barium	135-1	2418.56	2462.65	2368.17	2416.46	1.96	ppb
Barium	137-1	2443.27	2478.95	2394.67	2438.96	1.73	ppb
Beryllium	9-1	557.37	568.84	551.53	559.25	1.57	ppb
Bismuth	209-1				146		%
Bismuth	209-2				108		%
Boron	10-1	3110.07	3188.90	3213.44	3170.80	1.70	ppb
Boron	11-1	3100.79	3239.85	3230.69	3190.45	2.44	ppb
Cadmium	111-1	670.86	675.06	654.88	666.93	1.60	ppb
Cadmium	106-1	640.80	646.94	630.71	639.48	1.28	ppb
Cadmium	108-1	631.49	641.39	612.33	628.40	2.35	ppb
Calcium	43-1	138850.31	143150.85	135816.63	139272.59	2.65	ppb
Calcium	44-1	137210.59	141313.04	133581.46	137368.36	2.82	ppb
Chromium	52-2	50060.41	48558.28	51501.40	50040.03	2.94	ppb
Cobalt	59-2	630.01	609.37	648.55	629.31	3.11	ppb
Copper	63-2	3059.36	3004.52	3175.07	3079.65	2.83	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				146		%
Holmium	165-2				107		%
Indium	115-1				119		%
Indium	115-2				80		%
Iron	56-2	29506.38	28933.89	30580.71	29673.66	2.82	ppb
Iron	57-2	28933.26	28471.91	29759.42	29054.87	2.25	ppb
Krypton	83-1						cps
Lead	206-1	466.78	474.37	452.57	464.57	2.38	ppb
Lead	207-1	450.47	464.43	443.27	452.72	2.38	ppb
Lead	208-1	468.86	479.58	456.36	468.27	2.48	ppb
Lithium	6-1				48		%
Magnesium	24-2	70855.16	69490.30	72273.87	70873.11	1.96	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9280.84	9079.66	9518.76	9293.08	2.37	ppb
Molybdenum	94-1	2067.09	2100.30	2030.89	2066.09	1.68	ppb
Molybdenum	95-1	2083.19	2087.29	2033.56	2068.01	1.45	ppb
Molybdenum	96-1	2080.11	2094.73	2008.41	2061.08	2.24	ppb
Molybdenum	97-1	2120.67	2165.73	2067.02	2117.81	2.33	ppb
Molybdenum	98-1	2116.98	2112.32	2073.81	2101.04	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1500.65	1471.40	1532.15	1501.40	2.02	ppb
Phosphorus	31-2	15.91	29.78	33.05	26.24	34.66	ppb
Potassium	39-2	26581.25	25742.75	26871.49	26398.50	2.22	ppb
Rhodium	103-1				111		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				69		%
Selenium	77-2	402.75	373.79	382.24	386.26	3.85	ppb
Selenium	78-2	406.70	353.61	375.61	378.64	7.05	ppb
Selenium	82-1	376.76	381.70	373.23	377.23	1.13	ppb
Silicon	28-1	7862.98	8084.62	7540.57	7829.39	3.49	ppb
Silver	109-1	421.67	426.50	410.96	419.71	1.89	ppb
Silver	107-1	415.97	423.77	407.38	415.71	1.97	ppb
Sodium	23-2	320699.13	312676.28	329534.00	320969.80	2.63	ppb
Strontium	86-1	648.70	659.35	639.35	649.13	1.54	ppb
Strontium	88-1	664.56	672.70	654.93	664.06	1.34	ppb
Sulfur	34-1	101264.75	106157.23	96949.41	101457.13	4.54	ppb
Terbium	159-1				143		%
Terbium	159-2				102		%
Thallium	203-1	459.49	471.82	451.06	460.79	2.27	ppb
Thallium	205-1	488.96	498.13	471.14	486.08	2.82	ppb
Tin	118-1	413.44	432.88	401.31	415.88	3.83	ppb
Titanium	47-1	2487.04	2546.27	2397.02	2476.78	3.03	ppb
Uranium	238-1	494.71	507.14	486.61	496.15	2.08	ppb
Vanadium	51-2	567.89	552.25	584.52	568.22	2.84	ppb
Yttrium	89-1				137		%
Yttrium	89-2				97		%
Zinc	66-2	1765.71	1711.46	1809.83	1762.34	2.80	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	405.52	416.99	404.91	409.14	1.66	ppb
Zirconium	91-1	397.33	403.42	387.36	396.03	2.05	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.37	34.50	38.73	34.87	10.59	ppb
Antimony	121-1	0.76	0.87	0.85	0.83	6.69	ppb
Arsenic	75-2	2.75	2.79	2.88	2.81	2.32	ppb
Barium	135-1	79.66	83.33	81.19	81.40	2.27	ppb
Barium	137-1	81.26	87.74	83.70	84.23	3.88	ppb
Beryllium	9-1	0.17	0.16	0.11	0.15	20.73	ppb
Bismuth	209-1				134		%
Bismuth	209-2				99		%
Boron	10-1	5010.06	5292.25	5162.40	5154.91	2.74	ppb
Boron	11-1	5100.17	5462.09	5220.02	5260.76	3.50	ppb
Cadmium	111-1	-0.03	0.17	0.02	0.05	205.58	ppb
Cadmium	106-1	-2.62	-1.21	-2.20	-2.01		ppb
Cadmium	108-1	0.75	0.59	0.91	0.75	21.01	ppb
Calcium	43-1	61471.82	64665.26	63319.88	63152.32	2.54	ppb
Calcium	44-1	63314.29	66546.16	64388.95	64749.80	2.54	ppb
Chromium	52-2	110.74	114.27	114.13	113.05	1.77	ppb
Cobalt	59-2	4.48	4.59	4.34	4.47	2.80	ppb
Copper	63-2	32.81	33.96	33.15	33.31	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				134		%
Holmium	165-2				99		%
Indium	115-1				110		%
Indium	115-2				76		%
Iron	56-2	11523.84	11923.26	11718.49	11721.86	1.70	ppb
Iron	57-2	11144.91	11591.39	11248.30	11328.20	2.06	ppb
Krypton	83-1						cps
Lead	206-1	1.36	1.48	1.30	1.38	6.51	ppb
Lead	207-1	1.26	1.32	1.15	1.25	6.78	ppb
Lead	208-1	1.30	1.36	1.27	1.31	3.52	ppb
Lithium	6-1				39		%
Magnesium	24-2	56017.93	58223.02	56978.78	57073.24	1.94	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7750.71	8041.13	7742.63	7844.82	2.17	ppb
Molybdenum	94-1	5.32	5.79	5.74	5.62	4.59	ppb
Molybdenum	95-1	7.45	7.83	7.96	7.75	3.40	ppb
Molybdenum	96-1	7.23	7.89	7.71	7.61	4.51	ppb
Molybdenum	97-1	7.73	8.61	8.28	8.21	5.44	ppb
Molybdenum	98-1	7.55	8.02	7.80	7.79	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.10	21.11	19.52	20.57	4.45	ppb
Phosphorus	31-2	1350.55	1096.34	1301.92	1249.60	10.80	ppb
Potassium	39-2	9237.88	9641.48	9434.30	9437.89	2.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				65		%
Selenium	77-2	-1.04	3.18	3.17	1.77	137.46	ppb
Selenium	78-2	1.04	1.76	-1.10	0.57	262.90	ppb
Selenium	82-1	2.76	3.42	0.87	2.35	56.23	ppb
Silicon	28-1	15593.68	16292.15	15942.78	15942.87	2.19	ppb
Silver	109-1	0.27	0.25	0.22	0.25	9.58	ppb
Silver	107-1	0.23	0.26	0.21	0.23	10.95	ppb
Sodium	23-2	988908.38	1008649.89	989273.26	995610.51	1.13	ppb
Strontium	86-1	757.45	803.62	778.35	779.81	2.97	ppb
Strontium	88-1	775.30	823.62	797.12	798.68	3.03	ppb
Sulfur	34-1	36664.16	39596.39	37761.14	38007.23	3.90	ppb
Terbium	159-1				132		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.04	0.04	0.03	38.86	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.68	ppb
Tin	118-1	1.81	1.99	1.63	1.81	9.90	ppb
Titanium	47-1	2.98	2.98	3.04	3.00	1.07	ppb
Uranium	238-1	1.27	1.37	1.29	1.31	3.97	ppb
Vanadium	51-2	2.97	2.99	3.00	2.99	0.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				76		%
Zinc	66-2	74.18	76.27	71.06	73.84	3.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.13	0.12	0.12	6.74	ppb
Zirconium	91-1	0.09	0.09	0.12	0.10	14.03	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:34:46 DataFile Name : 096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.24	24.37	18.54	24.38	23.99	ppb
Antimony	121-1	0.76	0.75	0.70	0.74	5.03	ppb
Arsenic	75-2	2.21	2.01	1.82	2.01	9.65	ppb
Barium	135-1	198.77	202.48	203.01	201.42	1.15	ppb
Barium	137-1	201.55	204.79	208.85	205.06	1.78	ppb
Beryllium	9-1	0.16	0.09	0.09	0.11	34.31	ppb
Bismuth	209-1				135		%
Bismuth	209-2				101		%
Boron	10-1	12397.80	13050.60	13265.78	12904.73	3.50	ppb
Boron	11-1	12698.23	13207.17	13317.41	13074.27	2.53	ppb
Cadmium	111-1	0.20	0.25	0.12	0.19	35.06	ppb
Cadmium	106-1	-1.94	-0.96	-2.42	-1.78		ppb
Cadmium	108-1	0.06	0.60	0.59	0.41	74.81	ppb
Calcium	43-1	424761.24	455602.97	449525.91	443296.71	3.69	ppb
Calcium	44-1	430213.54	453425.86	453096.53	445578.65	2.99	ppb
Chromium	52-2	818.57	823.00	821.24	820.94	0.27	ppb
Cobalt	59-2	16.71	17.44	17.10	17.08	2.14	ppb
Copper	63-2	97.70	100.84	99.21	99.25	1.59	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				139		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				79		%
Iron	56-2	12660.04	12954.52	12955.64	12856.73	1.32	ppb
Iron	57-2	12348.38	12741.64	12510.85	12533.62	1.58	ppb
Krypton	83-1						cps
Lead	206-1	4.15	4.21	4.63	4.33	6.10	ppb
Lead	207-1	3.82	3.90	4.00	3.91	2.30	ppb
Lead	208-1	3.94	4.01	4.16	4.03	2.80	ppb
Lithium	6-1				39		%
Magnesium	24-2	188265.60	191600.02	193365.60	191077.07	1.36	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:34:46	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19127.57	19163.81	19190.42	19160.60	0.16	ppb
Molybdenum	94-1	1.43	1.26	1.30	1.33	6.34	ppb
Molybdenum	95-1	1.23	1.20	1.36	1.26	6.96	ppb
Molybdenum	96-1	1.16	1.21	1.20	1.19	2.41	ppb
Molybdenum	97-1	1.21	1.51	1.48	1.40	11.95	ppb
Molybdenum	98-1	1.14	1.11	1.15	1.13	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.40	40.49	41.92	41.27	1.76	ppb
Phosphorus	31-2	17.13	64.70	65.22	49.02	56.33	ppb
Potassium	39-2	7604.21	7839.05	7627.06	7690.11	1.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				89		%
Scandium	45-1				83		%
Scandium	45-2				67		%
Selenium	77-2	-1.04	-1.04	3.11	0.34	700.36	ppb
Selenium	78-2	0.29	2.38	0.30	0.99	121.30	ppb
Selenium	82-1	3.34	3.70	3.09	3.38	9.06	ppb
Silicon	28-1	19320.47	20805.24	20258.68	20128.13	3.73	ppb
Silver	109-1	0.20	0.19	0.19	0.19	1.65	ppb
Silver	107-1	0.20	0.15	0.16	0.17	17.02	ppb
Sodium	23-2	664233.25	678744.83	673576.83	672184.97	1.09	ppb
Strontium	86-1	2822.83	3002.97	2969.08	2931.63	3.27	ppb
Strontium	88-1	2873.88	3004.20	3008.15	2962.08	2.58	ppb
Sulfur	34-1	-8021.90	-6366.48	-6726.46	-7038.28		ppb
Terbium	159-1				138		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.01	0.01	140.55	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	49.99	ppb
Tin	118-1	0.95	1.09	1.02	1.02	6.63	ppb
Titanium	47-1	2.71	2.82	3.00	2.85	5.21	ppb
Uranium	238-1	1.16	1.26	1.24	1.22	4.10	ppb
Vanadium	51-2	2.52	2.29	2.73	2.51	8.69	ppb
Yttrium	89-1				107		%
Yttrium	89-2				78		%
Zinc	66-2	26.73	24.97	24.29	25.33	4.97	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:34:46	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.37	0.37	0.37	1.27	ppb
Zirconium	91-1	0.39	0.33	0.39	0.37	9.88	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-19 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:38:10 DataFile Name : 097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	394.29	383.65	399.10	392.34	2.01	ppb
Antimony	121-1	0.96	1.01	0.90	0.96	5.83	ppb
Arsenic	75-2	0.96	0.99	0.95	0.97	1.82	ppb
Barium	135-1	9.65	10.58	10.41	10.21	4.85	ppb
Barium	137-1	10.18	10.96	10.85	10.66	3.94	ppb
Beryllium	9-1	0.16	0.18	0.22	0.19	17.95	ppb
Bismuth	209-1				142		%
Bismuth	209-2				102		%
Boron	10-1	4923.49	5122.52	5204.09	5083.37	2.84	ppb
Boron	11-1	5105.50	5208.59	5290.74	5201.61	1.78	ppb
Cadmium	111-1	3.42	3.56	3.72	3.57	4.17	ppb
Cadmium	106-1	0.48	0.77	1.25	0.83	46.78	ppb
Cadmium	108-1	2.81	4.00	2.99	3.27	19.55	ppb
Calcium	43-1	71495.64	75456.58	73664.23	73538.82	2.70	ppb
Calcium	44-1	73515.59	76668.10	75685.05	75289.58	2.14	ppb
Chromium	52-2	72626.48	71408.63	73621.96	72552.36	1.53	ppb
Cobalt	59-2	12.71	12.17	13.16	12.68	3.94	ppb
Copper	63-2	1278.76	1265.81	1288.30	1277.62	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				141		%
Holmium	165-2				99		%
Indium	115-1				114		%
Indium	115-2				76		%
Iron	56-2	929.92	927.92	940.19	932.68	0.71	ppb
Iron	57-2	899.80	896.51	902.06	899.46	0.31	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.30	0.34	0.33	7.52	ppb
Lead	207-1	0.25	0.26	0.27	0.26	4.95	ppb
Lead	208-1	0.30	0.29	0.29	0.29	1.15	ppb
Lithium	6-1				36		%
Magnesium	24-2	31935.90	31657.91	32300.97	31964.93	1.01	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-19 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:38:10 DataFile Name : 097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3454.37	3390.14	3482.46	3442.32	1.37	ppb
Molybdenum	94-1	1.66	1.61	1.67	1.65	1.98	ppb
Molybdenum	95-1	1.57	1.70	1.61	1.63	4.14	ppb
Molybdenum	96-1	1.51	1.66	1.56	1.58	5.10	ppb
Molybdenum	97-1	1.76	1.94	1.97	1.89	6.01	ppb
Molybdenum	98-1	1.57	1.75	1.61	1.64	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.31	84.66	84.88	85.62	1.72	ppb
Phosphorus	31-2	-44.34	-28.23	4.95	-22.54		ppb
Potassium	39-2	3302.16	3332.04	3299.78	3311.33	0.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				64		%
Selenium	77-2	3.26	7.81	3.33	4.80	54.37	ppb
Selenium	78-2	2.54	1.15	0.38	1.36	80.94	ppb
Selenium	82-1	3.53	2.89	3.75	3.39	13.18	ppb
Silicon	28-1	12471.78	12981.21	12909.65	12787.55	2.16	ppb
Silver	109-1	0.55	0.48	0.51	0.52	6.64	ppb
Silver	107-1	0.50	0.50	0.47	0.49	3.67	ppb
Sodium	23-2	362638.54	360504.67	367553.70	363565.64	0.99	ppb
Strontium	86-1	453.43	473.91	459.13	462.16	2.29	ppb
Strontium	88-1	473.66	497.15	484.96	485.26	2.42	ppb
Sulfur	34-1	43300.59	46424.28	44526.70	44750.52	3.52	ppb
Terbium	159-1				138		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	220.25	ppb
Tin	118-1	1.26	1.14	1.14	1.18	5.80	ppb
Titanium	47-1	1.03	1.13	0.93	1.03	9.85	ppb
Uranium	238-1	0.82	0.80	0.81	0.81	1.27	ppb
Vanadium	51-2	0.64	0.50	0.39	0.51	24.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				74		%
Zinc	66-2	125.50	117.79	115.20	119.50	4.48	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:38:10	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.30	0.30	0.29	6.25	ppb
Zirconium	91-1	0.28	0.32	0.29	0.30	8.17	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.65	7.95	9.04	8.88	9.70	ppb
Antimony	121-1	0.21	0.18	0.19	0.20	6.72	ppb
Arsenic	75-2	0.09	0.04	0.06	0.06	41.50	ppb
Barium	135-1	0.08	0.07	0.09	0.08	14.48	ppb
Barium	137-1	0.09	0.10	0.11	0.10	9.13	ppb
Beryllium	9-1	0.03	0.06	0.06	0.05	37.72	ppb
Bismuth	209-1				149		%
Bismuth	209-2				117		%
Boron	10-1	142.73	139.63	135.31	139.22	2.68	ppb
Boron	11-1	148.19	138.21	126.98	137.79	7.70	ppb
Cadmium	111-1	-0.02	-0.02	-0.04	-0.02		ppb
Cadmium	106-1	-0.84	-1.66	-2.03	-1.51		ppb
Cadmium	108-1	0.15	-0.04	-0.04	0.03	426.29	ppb
Calcium	43-1	919.05	906.40	915.55	913.67	0.71	ppb
Calcium	44-1	944.75	915.87	912.59	924.40	1.91	ppb
Chromium	52-2	1028.66	1060.87	1046.74	1045.43	1.54	ppb
Cobalt	59-2	0.23	0.33	0.25	0.27	20.33	ppb
Copper	63-2	29.01	29.76	28.69	29.15	1.89	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				142		%
Holmium	165-2				110		%
Indium	115-1				123		%
Indium	115-2				91		%
Iron	56-2	23.05	23.35	23.43	23.27	0.87	ppb
Iron	57-2	14.24	28.49	25.03	22.59	32.92	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	7.76	ppb
Lead	207-1	0.04	0.02	0.01	0.02	65.01	ppb
Lead	208-1	0.03	0.02	0.02	0.02	25.78	ppb
Lithium	6-1				45		%
Magnesium	24-2	168.50	166.84	179.94	171.76	4.15	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.52	20.10	20.18	19.93	1.80	ppb
Molybdenum	94-1	-0.03	0.01	0.02	0.00		ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	121.39	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	14.64	ppb
Molybdenum	97-1	0.16	0.11	0.13	0.13	17.00	ppb
Molybdenum	98-1	0.00	0.02	0.00	0.01	113.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	2.39	2.16	2.17	10.27	ppb
Phosphorus	31-2	-44.34	-44.34	9.98	-26.23		ppb
Potassium	39-2	60.16	84.07	51.05	65.09	26.20	ppb
Rhodium	103-1				116		%
Rhodium	103-2				101		%
Scandium	45-1				90		%
Scandium	45-2				77		%
Selenium	77-2	-1.04	2.70	-1.04	0.21	1045.27	ppb
Selenium	78-2	0.14	-0.47	2.00	0.56	230.54	ppb
Selenium	82-1	1.37	0.55	-0.23	0.57	141.41	ppb
Silicon	28-1	559.13	564.24	560.13	561.16	0.48	ppb
Silver	109-1	0.03	0.03	0.05	0.04	25.99	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.77	ppb
Sodium	23-2	4263.77	4406.98	4314.00	4328.25	1.68	ppb
Strontium	86-1	0.88	0.73	0.80	0.80	9.59	ppb
Strontium	88-1	0.94	0.92	0.92	0.93	1.54	ppb
Sulfur	34-1	-9159.49	-9313.16	-9761.59	-9411.42		ppb
Terbium	159-1				139		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.05	0.00	0.04	86.20	ppb
Titanium	47-1	-0.02	0.10	-0.01	0.02	262.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	448.50	ppb
Vanadium	51-2	0.04	0.00	0.00	0.01	122.61	ppb
Yttrium	89-1				113		%
Yttrium	89-2				87		%
Zinc	66-2	3.02	2.67	2.88	2.86	6.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.00	0.01	106.34	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 17:45:03	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	3.06	1.81	2.76	30.44	ppb
Antimony	121-1	0.77	0.56	0.49	0.61	23.74	ppb
Arsenic	75-2	1.02	1.10	1.19	1.10	7.67	ppb
Barium	135-1	65.90	65.28	63.05	64.75	2.31	ppb
Barium	137-1	67.51	66.02	64.56	66.03	2.24	ppb
Beryllium	9-1	0.09	0.09	0.08	0.09	8.70	ppb
Bismuth	209-1				140		%
Bismuth	209-2				103		%
Boron	10-1	118.25	110.27	116.09	114.87	3.59	ppb
Boron	11-1	116.71	111.01	108.11	111.94	3.91	ppb
Cadmium	111-1	1.04	1.07	1.12	1.07	3.71	ppb
Cadmium	106-1	-1.23	-1.63	0.08	-0.93		ppb
Cadmium	108-1	1.06	0.79	0.77	0.87	18.27	ppb
Calcium	43-1	44191.17	42440.80	41853.20	42828.39	2.84	ppb
Calcium	44-1	45107.69	43147.41	42545.92	43600.34	3.07	ppb
Chromium	52-2	541.08	536.96	533.80	537.28	0.68	ppb
Cobalt	59-2	1.03	1.12	1.14	1.10	5.27	ppb
Copper	63-2	7.07	7.09	7.05	7.07	0.29	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				138		%
Holmium	165-2				100		%
Indium	115-1				118		%
Indium	115-2				81		%
Iron	56-2	100.36	101.06	102.87	101.43	1.28	ppb
Iron	57-2	108.53	102.93	96.21	102.56	6.01	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.08	0.12	25.05	ppb
Lead	207-1	0.06	0.07	0.08	0.07	14.06	ppb
Lead	208-1	0.11	0.10	0.08	0.09	16.92	ppb
Lithium	6-1				39		%
Magnesium	24-2	7904.76	8039.54	8016.11	7986.80	0.90	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-05DLX2 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 2
 Date & Time Acquired :: 2019-01-17 17:45:03 DataFile Name : 099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.18	961.15	953.31	960.55	0.72	ppb
Molybdenum	94-1	0.26	0.24	0.31	0.27	13.98	ppb
Molybdenum	95-1	0.34	0.32	0.32	0.33	3.51	ppb
Molybdenum	96-1	0.35	0.32	0.35	0.34	4.71	ppb
Molybdenum	97-1	0.44	0.42	0.50	0.45	9.16	ppb
Molybdenum	98-1	0.34	0.31	0.30	0.32	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.17	5.63	5.40	4.20	ppb
Phosphorus	31-2	-28.66	-28.58	2.74	-18.16		ppb
Potassium	39-2	857.59	807.84	834.99	833.47	2.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				91		%
Scandium	45-1				84		%
Scandium	45-2				67		%
Selenium	77-2	3.10	3.17	-1.04	1.74	138.34	ppb
Selenium	78-2	-0.40	1.04	-0.40	0.08	1057.66	ppb
Selenium	82-1	1.37	1.11	1.94	1.48	28.73	ppb
Silicon	28-1	2331.32	2225.49	2193.13	2249.98	3.21	ppb
Silver	109-1	0.10	0.08	0.06	0.08	25.24	ppb
Silver	107-1	0.08	0.05	0.07	0.07	20.15	ppb
Sodium	23-2	46572.88	46271.24	46363.78	46402.63	0.33	ppb
Strontium	86-1	64.68	64.10	63.26	64.01	1.11	ppb
Strontium	88-1	66.17	64.69	63.92	64.93	1.76	ppb
Sulfur	34-1	-5703.11	-6514.14	-7153.16	-6456.80		ppb
Terbium	159-1				136		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.22	0.27	0.31	0.27	16.53	ppb
Titanium	47-1	0.22	0.17	0.11	0.17	32.02	ppb
Uranium	238-1	0.15	0.13	0.16	0.15	9.02	ppb
Vanadium	51-2	0.33	0.28	0.27	0.29	10.41	ppb
Yttrium	89-1				108		%
Yttrium	89-2				77		%
Zinc	66-2	12.07	12.35	11.70	12.04	2.71	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 17:45:03	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	114.28	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:48:30 DataFile Name : 100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.89	8.02	17.33	12.74	36.57	ppb
Antimony	121-1	0.19	0.19	0.18	0.19	5.27	ppb
Arsenic	75-2	0.00	-0.01	0.06	0.02	222.73	ppb
Barium	135-1	0.15	0.06	0.17	0.13	45.14	ppb
Barium	137-1	0.16	0.17	0.19	0.17	8.04	ppb
Beryllium	9-1	0.03	0.08	0.03	0.05	51.97	ppb
Bismuth	209-1				148		%
Bismuth	209-2				115		%
Boron	10-1	62.29	59.28	65.78	62.45	5.20	ppb
Boron	11-1	62.83	61.32	62.57	62.24	1.30	ppb
Cadmium	111-1	-0.12	-0.08	-0.02	-0.07		ppb
Cadmium	106-1	-2.39	-2.00	-1.56	-1.98		ppb
Cadmium	108-1	0.01	0.21	0.01	0.07	152.10	ppb
Calcium	43-1	835.85	913.57	883.02	877.48	4.46	ppb
Calcium	44-1	859.25	918.16	881.05	886.15	3.36	ppb
Chromium	52-2	1050.05	1030.52	1085.66	1055.41	2.65	ppb
Cobalt	59-2	0.29	0.27	0.25	0.27	7.69	ppb
Copper	63-2	29.26	28.48	29.68	29.14	2.09	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				141		%
Holmium	165-2				109		%
Indium	115-1				124		%
Indium	115-2				90		%
Iron	56-2	24.19	23.94	26.26	24.79	5.15	ppb
Iron	57-2	27.57	27.30	21.02	25.30	14.65	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	6.44	ppb
Lead	207-1	0.00	0.01	0.02	0.01	138.45	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.30	ppb
Lithium	6-1				47		%
Magnesium	24-2	169.09	168.48	175.25	170.94	2.19	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:48:30	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.51	20.22	20.94	20.56	1.76	ppb
Molybdenum	94-1	0.08	0.05	0.07	0.07	24.31	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	33.54	ppb
Molybdenum	96-1	0.09	0.08	0.06	0.08	22.83	ppb
Molybdenum	97-1	0.17	0.10	0.07	0.11	47.50	ppb
Molybdenum	98-1	0.04	0.06	0.03	0.04	44.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.02	2.26	2.10	6.32	ppb
Phosphorus	31-2	-2.76	-17.15	-30.15	-16.68		ppb
Potassium	39-2	78.20	40.21	94.16	70.86	39.11	ppb
Rhodium	103-1				118		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				75		%
Selenium	77-2	-1.04	2.55	-1.04	0.16	1320.72	ppb
Selenium	78-2	0.78	0.12	0.88	0.59	70.20	ppb
Selenium	82-1	0.78	0.82	-0.24	0.45	133.46	ppb
Silicon	28-1	531.03	571.67	557.58	553.43	3.73	ppb
Silver	109-1	0.04	0.02	0.04	0.03	27.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.48	ppb
Sodium	23-2	4237.48	4201.90	4403.20	4280.86	2.51	ppb
Strontium	86-1	0.71	0.77	0.90	0.79	12.46	ppb
Strontium	88-1	0.87	0.97	0.91	0.92	5.71	ppb
Sulfur	34-1	-8222.37	-6940.80	-7263.15	-7475.44		ppb
Terbium	159-1				139		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	54.76	ppb
Tin	118-1	0.01	0.00	0.02	0.01	113.39	ppb
Titanium	47-1	0.10	0.12	-0.03	0.06	137.26	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	36.70	ppb
Vanadium	51-2	0.04	0.00	0.02	0.02	111.03	ppb
Yttrium	89-1				115		%
Yttrium	89-2				86		%
Zinc	66-2	2.81	3.10	2.74	2.88	6.51	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:48:30	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.02	0.01	73.49	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	110.50	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:51:59 DataFile Name : 101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.14	51.55	45.58	47.76	6.90	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	107.40	ppb
Arsenic	75-2	0.05	0.09	0.05	0.07	31.75	ppb
Barium	135-1	2.92	3.06	2.93	2.97	2.68	ppb
Barium	137-1	3.02	2.89	2.61	2.84	7.51	ppb
Beryllium	9-1	0.09	0.09	0.10	0.10	6.04	ppb
Bismuth	209-1				146		%
Bismuth	209-2				116		%
Boron	10-1	100.41	100.83	96.37	99.20	2.48	ppb
Boron	11-1	100.44	102.99	94.45	99.30	4.42	ppb
Cadmium	111-1	6.15	5.95	6.05	6.05	1.58	ppb
Cadmium	106-1	3.28	3.61	4.22	3.70	12.91	ppb
Cadmium	108-1	5.23	5.89	5.54	5.55	5.93	ppb
Calcium	43-1	1974.98	1973.82	1998.62	1982.47	0.71	ppb
Calcium	44-1	1991.00	1947.18	1953.22	1963.80	1.21	ppb
Chromium	52-2	1080.52	1085.05	1089.93	1085.17	0.43	ppb
Cobalt	59-2	0.58	0.56	0.55	0.57	3.02	ppb
Copper	63-2	38.68	39.04	39.57	39.10	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				110		%
Indium	115-1				123		%
Indium	115-2				92		%
Iron	56-2	25.65	26.04	26.39	26.03	1.42	ppb
Iron	57-2	17.34	21.90	28.31	22.51	24.48	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.02	0.04	52.73	ppb
Lead	207-1	0.00	0.01	0.01	0.01	130.92	ppb
Lead	208-1	0.03	0.02	0.01	0.02	38.46	ppb
Lithium	6-1				52		%
Magnesium	24-2	410.63	382.25	421.66	404.84	5.02	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:51:59	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	182.08	181.72	179.69	181.16	0.71	ppb
Molybdenum	94-1	0.07	0.08	0.01	0.06	71.02	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	16.96	ppb
Molybdenum	96-1	0.05	0.07	0.08	0.07	19.19	ppb
Molybdenum	97-1	0.13	0.08	0.16	0.12	31.43	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	26.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.55	20.64	20.68	20.29	3.16	ppb
Phosphorus	31-2	-30.84	-3.64	-44.34	-26.27		ppb
Potassium	39-2	90.17	85.19	111.99	95.78	14.88	ppb
Rhodium	103-1				117		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				77		%
Selenium	77-2	-1.04	-1.04	6.17	1.36	305.33	ppb
Selenium	78-2	-0.49	2.65	0.12	0.76	219.52	ppb
Selenium	82-1	0.45	1.17	1.91	1.18	61.81	ppb
Silicon	28-1	170.85	169.88	170.13	170.29	0.30	ppb
Silver	109-1	0.03	0.01	0.04	0.03	43.88	ppb
Silver	107-1	0.04	0.05	0.02	0.04	41.59	ppb
Sodium	23-2	6154.77	6118.76	6117.12	6130.22	0.35	ppb
Strontium	86-1	6.81	6.79	6.96	6.85	1.35	ppb
Strontium	88-1	6.95	7.03	6.72	6.90	2.37	ppb
Sulfur	34-1	-3939.56	-4682.55	-4595.89	-4406.00		ppb
Terbium	159-1				138		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.00	73.62	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.00	0.00	-0.03	-0.01		ppb
Uranium	238-1	0.02	0.01	0.01	0.01	22.24	ppb
Vanadium	51-2	0.00	0.04	0.03	0.03	77.60	ppb
Yttrium	89-1				116		%
Yttrium	89-2				89		%
Zinc	66-2	14.85	13.60	13.97	14.14	4.53	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:51:59	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	106.83	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:55:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	249.38	248.10	227.90	241.79	4.98	ppb
Antimony	121-1	10.08	9.60	9.49	9.72	3.23	ppb
Arsenic	75-2	11.31	10.19	10.62	10.70	5.26	ppb
Barium	135-1	55.41	51.65	51.50	52.85	4.19	ppb
Barium	137-1	55.30	53.13	52.01	53.48	3.12	ppb
Beryllium	9-1	12.58	12.29	12.02	12.30	2.25	ppb
Bismuth	209-1				146		%
Bismuth	209-2				119		%
Boron	10-1	99.73	100.58	102.97	101.09	1.66	ppb
Boron	11-1	101.33	98.12	97.47	98.97	2.09	ppb
Cadmium	111-1	16.32	15.46	15.47	15.75	3.13	ppb
Cadmium	106-1	14.08	12.33	14.28	13.56	7.89	ppb
Cadmium	108-1	16.09	13.49	13.68	14.42	10.06	ppb
Calcium	43-1	3054.05	2988.39	2806.29	2949.58	4.35	ppb
Calcium	44-1	3026.02	2991.55	2834.17	2950.58	3.47	ppb
Chromium	52-2	1052.92	1029.35	1041.44	1041.24	1.13	ppb
Cobalt	59-2	13.28	13.22	13.29	13.26	0.28	ppb
Copper	63-2	65.20	61.82	63.52	63.51	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				113		%
Indium	115-1				124		%
Indium	115-2				95		%
Iron	56-2	638.75	615.93	624.09	626.25	1.85	ppb
Iron	57-2	667.02	641.16	612.84	640.34	4.23	ppb
Krypton	83-1						cps
Lead	206-1	10.25	10.32	9.57	10.05	4.12	ppb
Lead	207-1	10.29	9.54	9.36	9.73	5.09	ppb
Lead	208-1	10.00	9.79	9.32	9.70	3.59	ppb
Lithium	6-1				55		%
Magnesium	24-2	1506.97	1467.49	1512.80	1495.75	1.65	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:55:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.35	193.57	195.64	195.52	0.97	ppb
Molybdenum	94-1	56.15	54.96	51.84	54.32	4.10	ppb
Molybdenum	95-1	54.57	53.92	51.50	53.33	3.04	ppb
Molybdenum	96-1	55.37	54.07	50.97	53.47	4.23	ppb
Molybdenum	97-1	56.04	55.70	52.32	54.69	3.76	ppb
Molybdenum	98-1	55.69	55.23	52.24	54.39	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.65	31.54	32.68	32.63	3.25	ppb
Phosphorus	31-2	-31.05	-18.42	-4.86	-18.11		ppb
Potassium	39-2	614.22	586.41	604.56	601.73	2.35	ppb
Rhodium	103-1				118		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				80		%
Selenium	77-2	20.49	6.03	2.50	9.67	98.53	ppb
Selenium	78-2	12.87	11.46	9.09	11.14	17.12	ppb
Selenium	82-1	11.80	9.86	10.89	10.85	8.98	ppb
Silicon	28-1	188.30	184.81	169.51	180.87	5.52	ppb
Silver	109-1	9.91	9.42	9.35	9.56	3.24	ppb
Silver	107-1	9.84	9.47	9.04	9.45	4.25	ppb
Sodium	23-2	7077.06	6851.94	6969.08	6966.02	1.62	ppb
Strontium	86-1	17.21	17.29	16.33	16.94	3.13	ppb
Strontium	88-1	17.90	17.63	17.04	17.52	2.50	ppb
Sulfur	34-1	-3781.80	-4074.27	-5627.85	-4494.64		ppb
Terbium	159-1				138		%
Terbium	159-2				109		%
Thallium	203-1	9.80	10.18	9.23	9.74	4.94	ppb
Thallium	205-1	9.93	9.84	9.47	9.75	2.46	ppb
Tin	118-1	9.86	9.64	9.28	9.59	3.08	ppb
Titanium	47-1	52.95	53.09	49.60	51.88	3.81	ppb
Uranium	238-1	9.71	9.77	9.26	9.58	2.90	ppb
Vanadium	51-2	12.26	11.91	11.99	12.05	1.55	ppb
Yttrium	89-1				115		%
Yttrium	89-2				91		%
Zinc	66-2	39.22	39.02	39.56	39.27	0.69	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:55:28	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.93	10.89	10.20	10.67	3.83	ppb
Zirconium	91-1	10.91	10.60	10.08	10.53	3.99	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-11DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:58:57 DataFile Name : 103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	250.56	225.33	232.39	236.09	5.51	ppb
Antimony	121-1	9.81	9.78	9.71	9.76	0.55	ppb
Arsenic	75-2	10.88	10.99	10.89	10.92	0.58	ppb
Barium	135-1	52.80	52.58	51.37	52.25	1.48	ppb
Barium	137-1	53.99	54.74	53.94	54.22	0.83	ppb
Beryllium	9-1	12.33	12.20	12.29	12.27	0.55	ppb
Bismuth	209-1				145		%
Bismuth	209-2				119		%
Boron	10-1	99.16	94.52	97.36	97.02	2.41	ppb
Boron	11-1	93.55	96.66	93.78	94.66	1.83	ppb
Cadmium	111-1	15.33	15.40	15.57	15.43	0.82	ppb
Cadmium	106-1	12.06	13.51	13.34	12.97	6.11	ppb
Cadmium	108-1	15.94	15.05	14.36	15.12	5.22	ppb
Calcium	43-1	2944.59	2993.29	2873.65	2937.18	2.05	ppb
Calcium	44-1	3000.62	2991.96	2906.37	2966.32	1.76	ppb
Chromium	52-2	1074.50	1054.21	1068.40	1065.70	0.98	ppb
Cobalt	59-2	13.67	13.39	13.83	13.63	1.60	ppb
Copper	63-2	66.17	63.97	64.33	64.82	1.83	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				140		%
Holmium	165-2				113		%
Indium	115-1				124		%
Indium	115-2				95		%
Iron	56-2	647.75	630.68	631.32	636.58	1.52	ppb
Iron	57-2	648.23	643.48	631.51	641.08	1.34	ppb
Krypton	83-1						cps
Lead	206-1	10.22	10.29	10.04	10.18	1.26	ppb
Lead	207-1	9.53	9.67	9.88	9.69	1.78	ppb
Lead	208-1	9.80	9.94	9.79	9.84	0.86	ppb
Lithium	6-1				58		%
Magnesium	24-2	1581.24	1493.52	1577.95	1550.90	3.21	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:58:57	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.27	201.18	201.18	201.88	0.60	ppb
Molybdenum	94-1	54.36	53.57	53.73	53.89	0.78	ppb
Molybdenum	95-1	53.65	52.97	51.95	52.86	1.62	ppb
Molybdenum	96-1	52.31	53.15	52.57	52.68	0.81	ppb
Molybdenum	97-1	53.83	53.89	54.28	54.00	0.46	ppb
Molybdenum	98-1	53.30	54.00	53.79	53.70	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.88	31.99	32.42	32.76	3.01	ppb
Phosphorus	31-2	-17.51	-31.26	-44.34	-31.04		ppb
Potassium	39-2	618.38	592.95	597.31	602.88	2.26	ppb
Rhodium	103-1				118		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				79		%
Selenium	77-2	9.70	16.51	16.83	14.35	28.08	ppb
Selenium	78-2	15.26	10.78	6.76	10.93	38.88	ppb
Selenium	82-1	11.11	11.32	10.62	11.02	3.27	ppb
Silicon	28-1	187.13	186.15	176.52	183.27	3.20	ppb
Silver	109-1	9.66	9.61	9.55	9.60	0.56	ppb
Silver	107-1	9.62	9.59	9.20	9.47	2.46	ppb
Sodium	23-2	7166.84	7006.18	7038.52	7070.51	1.20	ppb
Strontium	86-1	17.01	16.96	16.59	16.86	1.36	ppb
Strontium	88-1	17.30	17.24	17.28	17.27	0.18	ppb
Sulfur	34-1	-4317.37	-4723.03	-5798.60	-4946.33		ppb
Terbium	159-1				138		%
Terbium	159-2				109		%
Thallium	203-1	10.05	10.38	10.08	10.17	1.77	ppb
Thallium	205-1	9.87	10.29	9.67	9.94	3.19	ppb
Tin	118-1	9.72	9.52	9.71	9.65	1.17	ppb
Titanium	47-1	52.74	51.49	50.96	51.73	1.77	ppb
Uranium	238-1	9.64	9.90	9.73	9.76	1.39	ppb
Vanadium	51-2	12.16	12.00	12.61	12.26	2.58	ppb
Yttrium	89-1				116		%
Yttrium	89-2				91		%
Zinc	66-2	41.04	39.45	38.19	39.56	3.62	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:58:57	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.68	10.56	10.66	10.63	0.61	ppb
Zirconium	91-1	10.40	10.88	10.56	10.62	2.33	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48811.26	50253.32	48653.63	49239.40	1.79	ppb
Antimony	121-1	472.60	484.03	470.33	475.65	1.54	ppb
Arsenic	75-2	499.67	505.64	485.50	496.94	2.08	ppb
Barium	135-1	2364.89	2463.99	2368.58	2399.15	2.34	ppb
Barium	137-1	2378.90	2476.14	2353.54	2402.86	2.69	ppb
Beryllium	9-1	514.84	531.18	526.52	524.18	1.61	ppb
Bismuth	209-1				141		%
Bismuth	209-2				119		%
Boron	10-1	518.98	547.10	533.74	533.27	2.64	ppb
Boron	11-1	501.81	534.91	542.63	526.45	4.12	ppb
Cadmium	111-1	437.90	452.52	435.44	441.95	2.09	ppb
Cadmium	106-1	431.72	444.38	439.33	438.48	1.45	ppb
Cadmium	108-1	441.66	443.99	437.96	441.20	0.69	ppb
Calcium	43-1	233874.48	239412.28	231362.36	234883.04	1.75	ppb
Calcium	44-1	233128.53	240655.25	233906.32	235896.70	1.75	ppb
Chromium	52-2	549.52	558.08	538.82	548.81	1.76	ppb
Cobalt	59-2	550.14	562.05	548.13	553.44	1.36	ppb
Copper	63-2	1092.13	1113.56	1075.92	1093.87	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				141		%
Holmium	165-2				120		%
Indium	115-1				125		%
Indium	115-2				99		%
Iron	56-2	133341.86	136759.95	131289.87	133797.23	2.07	ppb
Iron	57-2	134584.88	138166.75	134698.48	135816.70	1.50	ppb
Krypton	83-1						cps
Lead	206-1	453.03	476.71	454.74	461.49	2.86	ppb
Lead	207-1	458.33	474.42	460.14	464.30	1.90	ppb
Lead	208-1	468.23	486.33	472.59	475.72	1.99	ppb
Lithium	6-1				77		%
Magnesium	24-2	253739.21	256609.66	251045.37	253798.08	1.10	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1032.54	1050.53	1021.04	1034.70	1.44	ppb
Molybdenum	94-1	2482.59	2548.37	2479.65	2503.54	1.55	ppb
Molybdenum	95-1	2483.46	2574.22	2481.18	2512.95	2.11	ppb
Molybdenum	96-1	2492.39	2576.86	2498.06	2522.43	1.87	ppb
Molybdenum	97-1	2510.79	2596.71	2541.07	2549.52	1.71	ppb
Molybdenum	98-1	2518.57	2565.83	2509.34	2531.25	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.90	567.77	547.65	559.77	1.91	ppb
Phosphorus	31-2	9434.25	10284.90	9485.16	9734.77	4.90	ppb
Potassium	39-2	119236.12	123327.49	119065.26	120542.96	2.00	ppb
Rhodium	103-1				116		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				88		%
Selenium	77-2	459.89	521.28	494.81	491.99	6.26	ppb
Selenium	78-2	503.21	451.75	458.56	471.17	5.93	ppb
Selenium	82-1	474.88	480.23	477.61	477.57	0.56	ppb
Silicon	28-1	392.70	411.03	388.80	397.51	2.99	ppb
Silver	109-1	439.03	454.00	439.44	444.16	1.92	ppb
Silver	107-1	434.05	447.25	439.06	440.12	1.51	ppb
Sodium	23-2	250098.79	253734.44	246764.61	250199.28	1.39	ppb
Strontium	86-1	476.59	487.32	477.58	480.50	1.23	ppb
Strontium	88-1	491.87	506.47	489.79	496.05	1.83	ppb
Sulfur	34-1	4651.23	5789.55	4010.56	4817.11	18.70	ppb
Terbium	159-1				140		%
Terbium	159-2				116		%
Thallium	203-1	455.92	470.68	450.15	458.92	2.31	ppb
Thallium	205-1	476.92	495.72	472.87	481.84	2.53	ppb
Tin	118-1	463.73	477.11	461.24	467.36	1.83	ppb
Titanium	47-1	2431.16	2545.54	2409.09	2461.93	2.98	ppb
Uranium	238-1	489.04	499.02	483.52	490.52	1.60	ppb
Vanadium	51-2	541.44	553.89	537.16	544.16	1.60	ppb
Yttrium	89-1				119		%
Yttrium	89-2				98		%
Zinc	66-2	1106.28	1105.25	1075.19	1095.57	1.61	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.59	505.45	495.70	499.24	1.08	ppb
Zirconium	91-1	468.45	482.28	473.68	474.80	1.47	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.55	1.97	0.14	0.19	948.20	ppb
Antimony	121-1	0.19	0.19	0.23	0.20	11.88	ppb
Arsenic	75-2	0.03	0.02	0.11	0.05	95.07	ppb
Barium	135-1	0.06	0.03	0.00	0.03	96.17	ppb
Barium	137-1	0.04	0.03	0.05	0.04	26.20	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	7.99	ppb
Bismuth	209-1				140		%
Bismuth	209-2				126		%
Boron	10-1	17.08	17.60	19.01	17.90	5.59	ppb
Boron	11-1	16.31	15.20	16.63	16.05	4.68	ppb
Cadmium	111-1	-0.18	0.01	-0.04	-0.07		ppb
Cadmium	106-1	-2.45	0.00	-0.49	-0.98		ppb
Cadmium	108-1	0.06	-0.04	0.07	0.03	195.46	ppb
Calcium	43-1	7.04	1.12	7.20	5.12	67.62	ppb
Calcium	44-1	-13.87	-25.12	-8.28	-15.76		ppb
Chromium	52-2	0.77	0.79	0.56	0.71	17.83	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	0.43	0.37	0.31	0.37	16.72	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				122		%
Indium	115-1				126		%
Indium	115-2				104		%
Iron	56-2	1.26	0.87	-0.35	0.59	141.90	ppb
Iron	57-2	0.30	-0.35	-1.46	-0.50		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.26	0.22	18.55	ppb
Lead	207-1	0.20	0.22	0.22	0.21	5.35	ppb
Lead	208-1	0.22	0.21	0.20	0.21	3.79	ppb
Lithium	6-1				74		%
Magnesium	24-2	4.17	0.27	3.69	2.71	78.56	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.18	-0.01	0.06	160.52	ppb
Molybdenum	94-1	0.12	0.09	0.17	0.12	32.36	ppb
Molybdenum	95-1	0.15	0.18	0.16	0.16	8.55	ppb
Molybdenum	96-1	0.16	0.10	0.18	0.15	26.01	ppb
Molybdenum	97-1	0.11	0.12	0.22	0.15	39.08	ppb
Molybdenum	98-1	0.12	0.16	0.15	0.14	15.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.01	0.00	0.02	226.11	ppb
Phosphorus	31-2	-7.98	-19.71	-21.76	-16.48		ppb
Potassium	39-2	32.13	43.38	19.92	31.81	36.89	ppb
Rhodium	103-1				120		%
Rhodium	103-2				109		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	-1.04	-1.04	2.04	-0.01		ppb
Selenium	78-2	-1.10	1.21	-0.58	-0.16		ppb
Selenium	82-1	1.58	1.42	0.42	1.14	55.04	ppb
Silicon	28-1	-30.39	-34.72	-26.58	-30.56		ppb
Silver	109-1	0.08	0.10	0.12	0.10	18.75	ppb
Silver	107-1	0.10	0.08	0.09	0.09	10.37	ppb
Sodium	23-2	150.74	143.06	116.25	136.68	13.25	ppb
Strontium	86-1	-0.12	-0.08	0.02	-0.06		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	19.69	ppb
Sulfur	34-1	-8259.40	-9678.42	-7309.77	-8415.86		ppb
Terbium	159-1				136		%
Terbium	159-2				117		%
Thallium	203-1	0.04	0.03	0.01	0.03	47.57	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	10.17	ppb
Tin	118-1	0.04	0.04	0.07	0.05	40.56	ppb
Titanium	47-1	0.00	-0.10	-0.01	-0.04		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	43.87	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				117		%
Yttrium	89-2				99		%
Zinc	66-2	0.77	0.74	0.58	0.70	14.23	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	27.60	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	62.44	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:23:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	255.63	249.52	264.83	256.66	3.00	ppb
Antimony	121-1	9.89	10.20	9.48	9.86	3.70	ppb
Arsenic	75-2	11.42	10.19	10.01	10.54	7.28	ppb
Barium	135-1	53.78	54.63	50.67	53.03	3.93	ppb
Barium	137-1	53.21	55.68	52.04	53.65	3.46	ppb
Beryllium	9-1	11.66	11.83	11.31	11.60	2.29	ppb
Bismuth	209-1				144		%
Bismuth	209-2				123		%
Boron	10-1	79.63	72.07	69.16	73.62	7.34	ppb
Boron	11-1	76.58	76.05	73.68	75.44	2.04	ppb
Cadmium	111-1	15.70	16.05	15.22	15.66	2.67	ppb
Cadmium	106-1	12.82	13.48	11.03	12.44	10.19	ppb
Cadmium	108-1	16.69	14.92	15.15	15.59	6.16	ppb
Calcium	43-1	2867.07	3097.16	2878.07	2947.43	4.40	ppb
Calcium	44-1	2872.20	3039.90	2842.24	2918.11	3.65	ppb
Chromium	52-2	1052.55	1029.77	1029.68	1037.33	1.27	ppb
Cobalt	59-2	13.27	13.18	13.02	13.16	0.95	ppb
Copper	63-2	63.03	62.30	61.78	62.37	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				139		%
Holmium	165-2				119		%
Indium	115-1				127		%
Indium	115-2				102		%
Iron	56-2	629.47	627.06	618.81	625.11	0.89	ppb
Iron	57-2	615.90	604.74	591.48	604.04	2.02	ppb
Krypton	83-1						cps
Lead	206-1	10.53	10.28	10.17	10.33	1.81	ppb
Lead	207-1	10.20	10.28	10.18	10.22	0.55	ppb
Lead	208-1	10.12	10.10	9.83	10.02	1.60	ppb
Lithium	6-1				72		%
Magnesium	24-2	1572.20	1522.40	1523.07	1539.22	1.86	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09ADLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 18:23:45 DataFile Name : 107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.55	198.01	197.82	199.46	1.34	ppb
Molybdenum	94-1	53.23	53.65	52.05	52.98	1.56	ppb
Molybdenum	95-1	52.41	52.48	50.79	51.90	1.85	ppb
Molybdenum	96-1	51.84	53.42	51.05	52.10	2.32	ppb
Molybdenum	97-1	52.96	54.47	52.52	53.32	1.92	ppb
Molybdenum	98-1	52.92	54.71	50.86	52.83	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.03	30.81	31.49	31.44	1.94	ppb
Phosphorus	31-2	-7.07	-32.07	-7.84	-15.66		ppb
Potassium	39-2	643.55	642.96	622.25	636.25	1.91	ppb
Rhodium	103-1				119		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				85		%
Selenium	77-2	15.97	12.21	5.48	11.22	47.35	ppb
Selenium	78-2	11.56	15.16	9.93	12.22	21.88	ppb
Selenium	82-1	11.63	11.31	11.99	11.64	2.90	ppb
Silicon	28-1	169.99	188.61	169.54	176.05	6.18	ppb
Silver	109-1	10.33	9.79	9.45	9.86	4.52	ppb
Silver	107-1	9.25	9.86	9.58	9.56	3.23	ppb
Sodium	23-2	7040.58	6968.83	6893.94	6967.78	1.05	ppb
Strontium	86-1	17.33	17.48	17.14	17.32	0.99	ppb
Strontium	88-1	17.40	17.68	17.04	17.37	1.86	ppb
Sulfur	34-1	-5848.33	-4029.88	-6094.26	-5324.16		ppb
Terbium	159-1				138		%
Terbium	159-2				115		%
Thallium	203-1	9.92	9.99	9.69	9.87	1.59	ppb
Thallium	205-1	10.02	9.90	9.70	9.87	1.65	ppb
Tin	118-1	9.83	10.03	9.32	9.73	3.77	ppb
Titanium	47-1	51.34	54.67	50.77	52.26	4.03	ppb
Uranium	238-1	9.60	9.46	9.42	9.49	0.96	ppb
Vanadium	51-2	12.46	12.05	11.83	12.12	2.63	ppb
Yttrium	89-1				117		%
Yttrium	89-2				97		%
Zinc	66-2	38.84	39.80	39.98	39.54	1.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:23:45	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.47	10.84	10.54	10.62	1.86	ppb
Zirconium	91-1	9.97	10.75	9.50	10.07	6.29	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	0.90	5.00	3.07	67.15	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	13.73	ppb
Arsenic	75-2	0.42	0.25	0.27	0.31	29.38	ppb
Barium	135-1	8.69	8.04	8.31	8.34	3.89	ppb
Barium	137-1	8.61	8.46	8.70	8.59	1.40	ppb
Beryllium	9-1	0.05	0.01	0.05	0.04	65.93	ppb
Bismuth	209-1				143		%
Bismuth	209-2				119		%
Boron	10-1	425.87	423.14	457.74	435.59	4.42	ppb
Boron	11-1	423.01	436.01	459.77	439.60	4.24	ppb
Cadmium	111-1	-0.13	-0.08	-0.17	-0.13		ppb
Cadmium	106-1	-2.12	-1.16	-2.73	-2.00		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	18.45	ppb
Calcium	43-1	6263.18	6043.62	6277.27	6194.69	2.12	ppb
Calcium	44-1	6486.44	6310.94	6533.86	6443.75	1.82	ppb
Chromium	52-2	10.85	10.14	10.33	10.44	3.48	ppb
Cobalt	59-2	0.41	0.38	0.44	0.41	7.87	ppb
Copper	63-2	5.09	4.64	4.55	4.76	6.06	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				140		%
Holmium	165-2				116		%
Indium	115-1				124		%
Indium	115-2				98		%
Iron	56-2	1141.92	1054.20	1102.79	1099.64	4.00	ppb
Iron	57-2	1100.72	1081.20	1095.68	1092.53	0.93	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.18	0.16	11.41	ppb
Lead	207-1	0.13	0.11	0.16	0.13	19.57	ppb
Lead	208-1	0.14	0.12	0.15	0.14	10.05	ppb
Lithium	6-1				66		%
Magnesium	24-2	5676.37	5225.59	5434.52	5445.49	4.14	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	776.83	717.77	748.42	747.67	3.95	ppb
Molybdenum	94-1	0.67	0.46	0.53	0.55	19.26	ppb
Molybdenum	95-1	0.61	0.75	0.69	0.69	10.17	ppb
Molybdenum	96-1	0.75	0.67	0.67	0.70	6.96	ppb
Molybdenum	97-1	0.67	0.80	0.82	0.76	10.15	ppb
Molybdenum	98-1	0.77	0.74	0.75	0.75	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	1.75	1.98	1.90	6.61	ppb
Phosphorus	31-2	84.10	76.61	131.32	97.34	30.47	ppb
Potassium	39-2	1035.41	982.76	992.35	1003.51	2.79	ppb
Rhodium	103-1				117		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.50	-0.55	-1.10	-0.72		ppb
Selenium	82-1	2.42	2.37	2.17	2.32	5.73	ppb
Silicon	28-1	1748.81	1697.99	1740.00	1728.93	1.57	ppb
Silver	109-1	0.52	0.47	0.40	0.46	12.29	ppb
Silver	107-1	0.49	0.44	0.38	0.43	12.61	ppb
Sodium	23-2	99195.72	94145.92	96205.49	96515.71	2.63	ppb
Strontium	86-1	76.14	74.55	76.30	75.67	1.28	ppb
Strontium	88-1	76.16	74.49	77.14	75.93	1.77	ppb
Sulfur	34-1	-4885.39	-5901.43	-5066.90	-5284.57		ppb
Terbium	159-1				138		%
Terbium	159-2				113		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	368.83	ppb
Tin	118-1	0.03	0.03	0.03	0.03	8.33	ppb
Titanium	47-1	0.25	0.18	0.10	0.18	43.87	ppb
Uranium	238-1	0.15	0.12	0.12	0.13	13.07	ppb
Vanadium	51-2	0.35	0.23	0.25	0.28	21.51	ppb
Yttrium	89-1				117		%
Yttrium	89-2				95		%
Zinc	66-2	8.07	7.35	7.39	7.60	5.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.02	35.88	ppb
Zirconium	91-1	0.04	0.00	0.00	0.02	156.91	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 18:30:41	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.44	1.23	-0.72	1.65	157.70	ppb
Antimony	121-1	0.01	0.03	0.03	0.02	37.65	ppb
Arsenic	75-2	0.10	0.10	0.10	0.10	3.50	ppb
Barium	135-1	9.00	8.41	8.36	8.59	4.12	ppb
Barium	137-1	8.74	8.61	8.50	8.62	1.42	ppb
Beryllium	9-1	0.01	0.05	0.06	0.04	56.96	ppb
Bismuth	209-1				142		%
Bismuth	209-2				119		%
Boron	10-1	459.86	458.36	465.27	461.16	0.79	ppb
Boron	11-1	457.80	463.35	470.48	463.88	1.37	ppb
Cadmium	111-1	-0.08	-0.08	-0.14	-0.10		ppb
Cadmium	106-1	-1.22	-1.23	-2.17	-1.54		ppb
Cadmium	108-1	-0.04	0.01	0.01	-0.01		ppb
Calcium	43-1	18439.67	17913.78	18064.73	18139.40	1.49	ppb
Calcium	44-1	19009.74	18395.53	18560.46	18655.24	1.70	ppb
Chromium	52-2	33.75	34.63	33.28	33.89	2.02	ppb
Cobalt	59-2	0.64	0.68	0.67	0.66	3.26	ppb
Copper	63-2	4.82	4.89	4.97	4.89	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				116		%
Indium	115-1				125		%
Indium	115-2				98		%
Iron	56-2	512.61	516.30	513.07	513.99	0.39	ppb
Iron	57-2	482.11	506.95	495.72	494.93	2.51	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.18	0.19	4.49	ppb
Lead	207-1	0.19	0.15	0.17	0.17	11.17	ppb
Lead	208-1	0.18	0.17	0.16	0.17	4.07	ppb
Lithium	6-1				66		%
Magnesium	24-2	8060.80	7922.72	7783.00	7922.17	1.75	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 18:30:41 DataFile Name : 109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	788.11	799.34	783.38	790.28	1.04	ppb
Molybdenum	94-1	0.07	0.06	0.08	0.07	13.21	ppb
Molybdenum	95-1	0.05	0.04	0.07	0.05	39.89	ppb
Molybdenum	96-1	0.10	0.05	0.07	0.07	28.22	ppb
Molybdenum	97-1	0.09	-0.01	0.09	0.06	96.99	ppb
Molybdenum	98-1	0.06	0.02	0.03	0.04	48.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.55	1.69	1.68	7.81	ppb
Phosphorus	31-2	18.86	-44.34	-31.72	-19.07		ppb
Potassium	39-2	328.24	350.03	341.28	339.85	3.23	ppb
Rhodium	103-1				118		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	0.03	-0.50	-0.52	-0.33		ppb
Selenium	82-1	-0.04	2.06	1.28	1.10	96.17	ppb
Silicon	28-1	944.61	933.63	942.78	940.34	0.63	ppb
Silver	109-1	0.09	0.08	0.07	0.08	12.51	ppb
Silver	107-1	0.09	0.08	0.08	0.08	11.35	ppb
Sodium	23-2	28341.45	28029.83	27892.00	28087.76	0.82	ppb
Strontium	86-1	119.57	113.32	116.91	116.60	2.69	ppb
Strontium	88-1	124.02	120.09	123.07	122.39	1.67	ppb
Sulfur	34-1	-8881.45	-9263.40	-8322.02	-8822.29		ppb
Terbium	159-1				139		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.03	0.00	-0.05	-0.02		ppb
Titanium	47-1	0.12	0.04	0.10	0.09	44.81	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	8.18	ppb
Vanadium	51-2	0.12	0.07	0.15	0.11	33.84	ppb
Yttrium	89-1				118		%
Yttrium	89-2				94		%
Zinc	66-2	1.59	1.76	1.24	1.53	17.58	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 18:30:41	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	57.30	ppb
Zirconium	91-1	-0.02	-0.01	0.00	-0.01		ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-19DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 18:34:08 DataFile Name : 110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.67	11.91	7.71	9.43	23.34	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.19	ppb
Arsenic	75-2	0.02	0.04	0.08	0.05	73.32	ppb
Barium	135-1	0.20	0.23	0.19	0.20	11.55	ppb
Barium	137-1	0.25	0.25	0.21	0.24	9.94	ppb
Beryllium	9-1	0.07	0.02	0.05	0.05	50.77	ppb
Bismuth	209-1				146		%
Bismuth	209-2				121		%
Boron	10-1	108.20	104.46	105.37	106.01	1.84	ppb
Boron	11-1	109.59	112.39	108.39	110.12	1.86	ppb
Cadmium	111-1	0.00	-0.03	-0.09	-0.04		ppb
Cadmium	106-1	-1.31	-1.53	-2.60	-1.81		ppb
Cadmium	108-1	0.06	-0.09	0.01	-0.01		ppb
Calcium	43-1	1614.84	1578.00	1551.86	1581.56	2.00	ppb
Calcium	44-1	1584.27	1584.35	1533.51	1567.38	1.87	ppb
Chromium	52-2	1464.57	1486.86	1464.90	1472.11	0.87	ppb
Cobalt	59-2	0.27	0.25	0.28	0.27	5.69	ppb
Copper	63-2	26.16	26.88	26.53	26.52	1.37	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				140		%
Holmium	165-2				115		%
Indium	115-1				127		%
Indium	115-2				98		%
Iron	56-2	19.53	20.44	19.44	19.80	2.78	ppb
Iron	57-2	21.52	26.31	15.70	21.18	25.09	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	25.58	ppb
Lead	207-1	0.02	0.01	0.04	0.02	66.16	ppb
Lead	208-1	0.03	0.02	0.02	0.03	21.79	ppb
Lithium	6-1				68		%
Magnesium	24-2	695.55	713.36	726.48	711.80	2.18	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:34:08	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	74.74	78.76	74.61	76.04	3.10	ppb
Molybdenum	94-1	0.04	0.07	0.00	0.04	97.25	ppb
Molybdenum	95-1	0.04	0.03	0.07	0.05	37.94	ppb
Molybdenum	96-1	0.08	0.06	0.06	0.07	15.86	ppb
Molybdenum	97-1	0.08	0.16	0.09	0.11	39.68	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.85	1.65	1.78	6.24	ppb
Phosphorus	31-2	-31.67	-31.44	-6.30	-23.14		ppb
Potassium	39-2	90.22	128.99	106.73	108.65	17.91	ppb
Rhodium	103-1				119		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				82		%
Selenium	77-2	2.44	-1.04	2.44	1.28	157.08	ppb
Selenium	78-2	0.08	-1.10	0.67	-0.12		ppb
Selenium	82-1	0.03	1.47	2.16	1.22	89.06	ppb
Silicon	28-1	316.28	321.40	302.28	313.32	3.16	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.85	ppb
Silver	107-1	0.03	0.04	0.03	0.03	24.71	ppb
Sodium	23-2	7734.34	7889.61	7738.08	7787.34	1.14	ppb
Strontium	86-1	9.83	10.09	9.54	9.82	2.82	ppb
Strontium	88-1	10.12	10.07	9.59	9.92	2.96	ppb
Sulfur	34-1	-6141.43	-6325.50	-7403.61	-6623.51		ppb
Terbium	159-1				139		%
Terbium	159-2				112		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.06	0.03	-0.06	0.01	705.57	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	28.73	ppb
Vanadium	51-2	0.01	0.00	0.03	0.02	92.58	ppb
Yttrium	89-1				117		%
Yttrium	89-2				92		%
Zinc	66-2	2.89	2.90	3.04	2.94	2.87	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:34:08	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00	5778.27	ppb
Zirconium	91-1	0.01	0.01	-0.03	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47448.79	46666.48	53828.34	49314.54	7.97	ppb
Antimony	121-1	481.92	502.01	479.27	487.73	2.55	ppb
Arsenic	75-2	482.98	468.73	534.48	495.40	6.98	ppb
Barium	135-1	2433.94	2538.06	2424.11	2465.37	2.56	ppb
Barium	137-1	2444.43	2561.92	2438.54	2481.63	2.80	ppb
Beryllium	9-1	536.31	540.37	529.84	535.51	0.99	ppb
Bismuth	209-1				131		%
Bismuth	209-2				117		%
Boron	10-1	516.42	534.35	547.30	532.69	2.91	ppb
Boron	11-1	520.63	533.41	528.41	527.49	1.22	ppb
Cadmium	111-1	455.86	471.22	456.05	461.04	1.91	ppb
Cadmium	106-1	455.01	485.70	455.12	465.28	3.80	ppb
Cadmium	108-1	454.25	468.84	447.41	456.83	2.40	ppb
Calcium	43-1	238727.81	250981.73	239314.51	243008.02	2.84	ppb
Calcium	44-1	239973.10	250687.87	237405.82	242688.93	2.90	ppb
Chromium	52-2	523.89	513.77	589.75	542.47	7.61	ppb
Cobalt	59-2	526.03	512.42	590.41	542.95	7.67	ppb
Copper	63-2	1038.87	1012.45	1179.15	1076.83	8.32	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				133		%
Holmium	165-2				117		%
Indium	115-1				118		%
Indium	115-2				99		%
Iron	56-2	127911.69	125616.77	145444.74	132991.07	8.16	ppb
Iron	57-2	130001.64	126725.05	145885.40	134204.03	7.64	ppb
Krypton	83-1						cps
Lead	206-1	479.85	490.17	471.68	480.57	1.93	ppb
Lead	207-1	475.65	488.48	470.93	478.35	1.90	ppb
Lead	208-1	488.77	505.27	482.65	492.23	2.38	ppb
Lithium	6-1				74		%
Magnesium	24-2	245706.53	241731.84	273670.90	253703.09	6.86	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.28	966.93	1122.59	1028.27	8.06	ppb
Molybdenum	94-1	2530.59	2640.88	2495.41	2555.63	2.97	ppb
Molybdenum	95-1	2555.89	2619.18	2500.79	2558.62	2.32	ppb
Molybdenum	96-1	2563.14	2621.06	2509.76	2564.65	2.17	ppb
Molybdenum	97-1	2586.79	2672.07	2565.08	2607.98	2.17	ppb
Molybdenum	98-1	2582.00	2622.87	2563.16	2589.34	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.47	518.18	605.65	551.77	8.54	ppb
Phosphorus	31-2	9218.47	8851.80	10310.01	9460.09	8.02	ppb
Potassium	39-2	116507.35	113614.18	130304.32	120141.95	7.42	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	482.79	411.23	439.49	444.51	8.11	ppb
Selenium	78-2	437.28	471.24	496.77	468.43	6.37	ppb
Selenium	82-1	483.96	493.78	469.51	482.41	2.53	ppb
Silicon	28-1	393.16	423.99	410.06	409.07	3.77	ppb
Silver	109-1	462.83	480.58	460.37	467.93	2.36	ppb
Silver	107-1	459.47	472.18	452.29	461.31	2.18	ppb
Sodium	23-2	242067.85	237595.89	271583.54	250415.76	7.37	ppb
Strontium	86-1	489.88	501.71	484.03	491.87	1.83	ppb
Strontium	88-1	508.16	522.77	499.38	510.10	2.32	ppb
Sulfur	34-1	8266.22	9246.17	7319.02	8277.14	11.64	ppb
Terbium	159-1				132		%
Terbium	159-2				114		%
Thallium	203-1	474.73	484.21	466.18	475.04	1.90	ppb
Thallium	205-1	499.84	513.68	492.22	501.91	2.17	ppb
Tin	118-1	472.94	501.56	478.55	484.35	3.13	ppb
Titanium	47-1	2507.96	2593.84	2500.26	2534.02	2.05	ppb
Uranium	238-1	508.61	520.34	496.93	508.62	2.30	ppb
Vanadium	51-2	521.78	509.73	589.69	540.40	7.98	ppb
Yttrium	89-1				114		%
Yttrium	89-2				97		%
Zinc	66-2	1032.39	1017.96	1173.18	1074.51	7.98	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.73	516.89	507.39	508.34	1.60	ppb
Zirconium	91-1	478.06	494.66	477.28	483.33	2.03	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.40	-0.06	-1.56	0.26	770.72	ppb
Antimony	121-1	0.20	0.22	0.22	0.21	6.05	ppb
Arsenic	75-2	0.00	0.06	0.05	0.04	82.14	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.03	0.00	0.01	112.51	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	4.62	ppb
Bismuth	209-1				136		%
Bismuth	209-2				118		%
Boron	10-1	12.78	13.39	12.62	12.93	3.16	ppb
Boron	11-1	12.64	12.77	11.40	12.27	6.13	ppb
Cadmium	111-1	-0.11	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-1.64	-1.45	-1.31	-1.47		ppb
Cadmium	108-1	-0.03	0.02	0.02	0.00	1189.23	ppb
Calcium	43-1	5.78	1.73	4.73	4.08	51.51	ppb
Calcium	44-1	-31.25	-21.75	-27.77	-26.92		ppb
Chromium	52-2	0.76	0.37	0.92	0.68	41.06	ppb
Cobalt	59-2	0.01	-0.01	-0.03	-0.01		ppb
Copper	63-2	0.52	0.67	0.44	0.54	21.69	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				113		%
Indium	115-1				123		%
Indium	115-2				100		%
Iron	56-2	1.15	1.15	0.39	0.90	49.17	ppb
Iron	57-2	-1.16	-1.35	-2.10	-1.53		ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.24	0.24	0.27	17.02	ppb
Lead	207-1	0.22	0.24	0.24	0.24	4.91	ppb
Lead	208-1	0.27	0.24	0.23	0.25	9.22	ppb
Lithium	6-1				74		%
Magnesium	24-2	3.25	-0.22	1.36	1.46	118.69	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.07	-0.03	0.04	148.02	ppb
Molybdenum	94-1	0.11	0.14	0.17	0.14	19.43	ppb
Molybdenum	95-1	0.17	0.12	0.16	0.15	18.99	ppb
Molybdenum	96-1	0.15	0.14	0.16	0.15	6.78	ppb
Molybdenum	97-1	0.15	0.11	0.21	0.16	30.76	ppb
Molybdenum	98-1	0.18	0.18	0.13	0.16	16.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.09	0.04	110.31	ppb
Phosphorus	31-2	-18.41	-20.29	-20.15	-19.61		ppb
Potassium	39-2	64.08	36.69	34.16	44.97	36.89	ppb
Rhodium	103-1				117		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				85		%
Selenium	77-2	2.49	-1.04	2.32	1.26	158.46	ppb
Selenium	78-2	-1.10	0.58	1.18	0.22	537.51	ppb
Selenium	82-1	0.72	0.92	0.58	0.74	22.73	ppb
Silicon	28-1	-32.03	-28.38	-31.86	-30.75		ppb
Silver	109-1	0.09	0.11	0.09	0.10	13.00	ppb
Silver	107-1	0.11	0.09	0.12	0.10	15.34	ppb
Sodium	23-2	114.80	95.27	89.91	99.99	13.10	ppb
Strontium	86-1	-0.08	-0.06	-0.11	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	296.25	ppb
Sulfur	34-1	-7515.60	-5705.78	-6869.84	-6697.07		ppb
Terbium	159-1				131		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.03	0.02	37.03	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	24.84	ppb
Tin	118-1	0.06	0.03	0.03	0.04	34.91	ppb
Titanium	47-1	-0.08	-0.10	-0.06	-0.08		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	52.38	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	88.90	ppb
Yttrium	89-1				116		%
Yttrium	89-2				95		%
Zinc	66-2	0.69	1.11	0.74	0.85	27.38	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.03	0.02	48.99	ppb
Zirconium	91-1	0.00	0.04	0.01	0.02	98.08	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 19:02:51	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	185.56	189.13	211.60	195.43	7.22	ppb
Antimony	121-1	0.10	0.14	0.11	0.12	16.01	ppb
Arsenic	75-2	0.12	0.32	0.37	0.27	49.70	ppb
Barium	135-1	1.09	1.15	1.14	1.13	2.76	ppb
Barium	137-1	1.30	1.19	1.23	1.24	4.39	ppb
Beryllium	9-1	0.02	0.05	0.07	0.05	49.63	ppb
Bismuth	209-1				136		%
Bismuth	209-2				115		%
Boron	10-1	11.01	12.30	12.00	11.77	5.75	ppb
Boron	11-1	10.82	11.00	11.51	11.11	3.24	ppb
Cadmium	111-1	-0.05	-0.08	-0.14	-0.09		ppb
Cadmium	106-1	-1.05	-1.32	-2.23	-1.53		ppb
Cadmium	108-1	0.08	-0.03	-0.08	-0.01		ppb
Calcium	43-1	413.54	391.30	380.19	395.01	4.30	ppb
Calcium	44-1	392.46	361.00	363.49	372.32	4.70	ppb
Chromium	52-2	697.30	688.15	703.66	696.37	1.12	ppb
Cobalt	59-2	0.12	0.08	0.13	0.11	25.21	ppb
Copper	63-2	27.34	26.48	27.23	27.02	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				112		%
Indium	115-1				120		%
Indium	115-2				96		%
Iron	56-2	123.33	119.87	126.46	123.22	2.68	ppb
Iron	57-2	128.33	115.75	135.02	126.37	7.74	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.14	0.18	21.67	ppb
Lead	207-1	0.19	0.18	0.12	0.16	23.23	ppb
Lead	208-1	0.18	0.18	0.13	0.16	17.64	ppb
Lithium	6-1				67		%
Magnesium	24-2	212.81	219.08	201.52	211.14	4.21	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-19DL2X10 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 19:02:51 DataFile Name : 113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.44	10.85	11.47	11.25	3.11	ppb
Molybdenum	94-1	0.30	0.28	0.27	0.28	6.38	ppb
Molybdenum	95-1	0.26	0.31	0.28	0.28	8.85	ppb
Molybdenum	96-1	0.33	0.27	0.27	0.29	11.43	ppb
Molybdenum	97-1	0.36	0.25	0.39	0.33	22.74	ppb
Molybdenum	98-1	0.30	0.31	0.26	0.29	8.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.97	2.09	1.98	5.50	ppb
Phosphorus	31-2	-6.53	18.59	58.33	23.47	139.37	ppb
Potassium	39-2	125.29	66.50	118.07	103.29	31.04	ppb
Rhodium	103-1				115		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				82		%
Selenium	77-2	5.91	-1.04	-1.04	1.28	314.30	ppb
Selenium	78-2	-0.51	-0.52	-0.51	-0.51		ppb
Selenium	82-1	2.66	2.59	0.45	1.90	66.21	ppb
Silicon	28-1	119.60	107.95	104.66	110.74	7.09	ppb
Silver	109-1	2.09	2.01	1.97	2.03	3.00	ppb
Silver	107-1	2.17	2.16	1.91	2.08	7.13	ppb
Sodium	23-2	35397.71	34912.70	35163.08	35157.83	0.69	ppb
Strontium	86-1	1.60	1.61	1.54	1.58	2.53	ppb
Strontium	88-1	1.57	1.57	1.55	1.56	0.59	ppb
Sulfur	34-1	-4705.03	-6129.93	-6811.34	-5882.10		ppb
Terbium	159-1				132		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	64.71	ppb
Tin	118-1	0.04	0.03	0.10	0.06	59.60	ppb
Titanium	47-1	0.26	0.33	0.43	0.34	25.16	ppb
Uranium	238-1	0.06	0.04	0.07	0.06	24.70	ppb
Vanadium	51-2	0.33	0.33	0.38	0.35	8.10	ppb
Yttrium	89-1				114		%
Yttrium	89-2				93		%
Zinc	66-2	1.70	1.55	1.77	1.67	6.56	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 19:02:51	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.06	0.06	9.69	ppb
Zirconium	91-1	0.05	0.03	0.06	0.05	38.43	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.37	5.61	7.74	5.57	39.17	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	15.77	ppb
Arsenic	75-2	0.05	0.15	0.13	0.11	48.88	ppb
Barium	135-1	0.10	0.07	0.06	0.08	32.37	ppb
Barium	137-1	0.08	0.11	0.10	0.10	13.98	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	19.73	ppb
Bismuth	209-1				139		%
Bismuth	209-2				118		%
Boron	10-1	7.68	8.38	8.95	8.34	7.65	ppb
Boron	11-1	8.11	9.30	9.03	8.81	7.06	ppb
Cadmium	111-1	0.05	-0.03	-0.10	-0.03		ppb
Cadmium	106-1	-0.12	-1.10	-1.91	-1.04		ppb
Cadmium	108-1	0.01	0.12	0.12	0.08	71.19	ppb
Calcium	43-1	448.09	450.46	440.03	446.19	1.23	ppb
Calcium	44-1	406.75	408.47	418.33	411.19	1.52	ppb
Chromium	52-2	509.86	522.31	508.34	513.50	1.49	ppb
Cobalt	59-2	0.13	0.12	0.15	0.13	12.39	ppb
Copper	63-2	13.99	14.45	13.89	14.11	2.08	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				135		%
Holmium	165-2				113		%
Indium	115-1				122		%
Indium	115-2				97		%
Iron	56-2	11.64	12.13	11.33	11.70	3.42	ppb
Iron	57-2	7.98	13.94	8.27	10.07	33.39	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.15	0.14	11.27	ppb
Lead	207-1	0.11	0.12	0.18	0.13	29.02	ppb
Lead	208-1	0.13	0.12	0.16	0.13	13.85	ppb
Lithium	6-1				68		%
Magnesium	24-2	86.61	80.16	90.36	85.71	6.02	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.76	10.56	10.19	10.17	3.93	ppb
Molybdenum	94-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	75.42	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	16.89	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	12.05	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	138.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	1.03	0.99	0.97	7.24	ppb
Phosphorus	31-2	-19.33	-31.49	-44.34	-31.72		ppb
Potassium	39-2	16.46	47.06	42.07	35.20	46.64	ppb
Rhodium	103-1				117		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	2.36	-1.04	5.97	2.43	144.25	ppb
Selenium	78-2	0.63	0.10	-0.51	0.07	789.08	ppb
Selenium	82-1	1.19	2.61	0.32	1.37	84.16	ppb
Silicon	28-1	294.40	291.26	305.77	297.14	2.57	ppb
Silver	109-1	0.02	0.02	0.02	0.02	23.21	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.83	ppb
Sodium	23-2	2043.35	2059.23	1991.14	2031.24	1.75	ppb
Strontium	86-1	0.37	0.26	0.60	0.41	42.18	ppb
Strontium	88-1	0.44	0.46	0.46	0.45	2.23	ppb
Sulfur	34-1	-6970.61	-7203.56	-6652.13	-6942.10		ppb
Terbium	159-1				133		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.16	0.15	0.14	13.35	ppb
Thallium	205-1	0.11	0.17	0.18	0.15	22.30	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.05	-0.03	0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.82	ppb
Vanadium	51-2	0.02	0.04	0.08	0.05	62.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				93		%
Zinc	66-2	1.64	2.15	1.41	1.73	21.99	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	19.07	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	110.84	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:09:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	8.89	5.85	6.47	33.59	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	16.71	ppb
Arsenic	75-2	0.02	0.03	0.03	0.03	32.39	ppb
Barium	135-1	0.06	0.05	0.08	0.06	28.04	ppb
Barium	137-1	0.06	0.10	0.10	0.08	28.91	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	32.39	ppb
Bismuth	209-1				138		%
Bismuth	209-2				120		%
Boron	10-1	8.01	8.36	9.17	8.51	6.97	ppb
Boron	11-1	7.91	8.30	7.74	7.98	3.59	ppb
Cadmium	111-1	-0.02	-0.07	-0.13	-0.07		ppb
Cadmium	106-1	-0.77	-1.33	-1.95	-1.35		ppb
Cadmium	108-1	-0.03	-0.03	0.07	0.00	5023.07	ppb
Calcium	43-1	455.25	441.51	455.33	450.70	1.77	ppb
Calcium	44-1	416.12	413.56	421.91	417.20	1.02	ppb
Chromium	52-2	512.03	502.91	507.28	507.41	0.90	ppb
Cobalt	59-2	0.11	0.12	0.11	0.11	3.60	ppb
Copper	63-2	13.83	13.36	13.64	13.61	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				114		%
Indium	115-1				121		%
Indium	115-2				99		%
Iron	56-2	12.22	10.90	12.08	11.73	6.16	ppb
Iron	57-2	5.98	13.80	13.58	11.12	40.05	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.19	0.15	22.93	ppb
Lead	207-1	0.14	0.09	0.14	0.12	21.24	ppb
Lead	208-1	0.14	0.14	0.16	0.14	8.11	ppb
Lithium	6-1				71		%
Magnesium	24-2	85.32	93.51	86.03	88.29	5.14	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:09:48 DataFile Name : 115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.31	10.53	10.91	10.58	2.89	ppb
Molybdenum	94-1	0.09	0.00	0.07	0.05	91.52	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	16.00	ppb
Molybdenum	96-1	0.10	0.06	0.06	0.07	26.48	ppb
Molybdenum	97-1	0.12	0.11	0.15	0.13	17.83	ppb
Molybdenum	98-1	0.07	0.11	0.06	0.08	30.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.95	0.96	1.03	12.87	ppb
Phosphorus	31-2	-31.81	-44.34	-44.34	-40.17		ppb
Potassium	39-2	39.56	36.76	32.51	36.28	9.78	ppb
Rhodium	103-1				117		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	77-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	78-2	-0.52	-1.10	-0.53	-0.72		ppb
Selenium	82-1	0.32	1.85	-0.42	0.58	199.61	ppb
Silicon	28-1	309.03	312.56	311.20	310.93	0.57	ppb
Silver	109-1	0.01	0.00	0.02	0.01	79.23	ppb
Silver	107-1	0.02	0.01	0.02	0.01	41.93	ppb
Sodium	23-2	2013.70	2007.63	2005.36	2008.89	0.21	ppb
Strontium	86-1	0.50	0.44	0.33	0.42	19.70	ppb
Strontium	88-1	0.46	0.45	0.40	0.43	6.80	ppb
Sulfur	34-1	-6541.28	-6225.88	-6557.61	-6441.59		ppb
Terbium	159-1				132		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	82.54	ppb
Tin	118-1	-0.03	0.00	-0.02	-0.02		ppb
Titanium	47-1	0.13	0.00	-0.01	0.04	182.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	80.52	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	135.23	ppb
Yttrium	89-1				115		%
Yttrium	89-2				94		%
Zinc	66-2	1.72	1.81	1.75	1.76	2.50	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:09:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	411.14	ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:13:17	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.36	22.97	24.73	23.36	5.27	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	29.28	ppb
Arsenic	75-2	0.02	0.00	0.05	0.02	110.75	ppb
Barium	135-1	1.51	1.42	1.65	1.53	7.54	ppb
Barium	137-1	1.68	1.30	1.38	1.46	13.85	ppb
Beryllium	9-1	0.08	0.02	0.05	0.05	57.79	ppb
Bismuth	209-1				137		%
Bismuth	209-2				122		%
Boron	10-1	31.84	29.09	28.89	29.94	5.50	ppb
Boron	11-1	30.89	31.32	31.70	31.31	1.29	ppb
Cadmium	111-1	3.21	2.81	2.76	2.92	8.43	ppb
Cadmium	106-1	3.39	2.25	0.71	2.12	63.47	ppb
Cadmium	108-1	3.79	3.00	2.61	3.13	19.20	ppb
Calcium	43-1	1027.91	994.19	1010.86	1010.99	1.67	ppb
Calcium	44-1	1014.24	950.82	981.98	982.35	3.23	ppb
Chromium	52-2	500.02	519.17	508.28	509.16	1.89	ppb
Cobalt	59-2	0.20	0.27	0.22	0.23	14.98	ppb
Copper	63-2	17.64	18.24	18.24	18.04	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				131		%
Holmium	165-2				116		%
Indium	115-1				120		%
Indium	115-2				101		%
Iron	56-2	11.05	12.46	12.03	11.84	6.09	ppb
Iron	57-2	11.47	8.71	7.87	9.35	20.18	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.17	0.24	0.21	16.18	ppb
Lead	207-1	0.13	0.18	0.13	0.14	18.16	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.54	ppb
Lithium	6-1				70		%
Magnesium	24-2	187.23	201.03	187.97	192.08	4.04	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:13:17 DataFile Name : 116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	83.92	90.97	86.76	87.22	4.07	ppb
Molybdenum	94-1	0.01	0.00	-0.04	-0.01		ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	31.36	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	31.34	ppb
Molybdenum	97-1	0.04	0.05	0.07	0.05	34.88	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	33.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.16	9.17	9.52	9.28	2.21	ppb
Phosphorus	31-2	-20.50	-19.46	-7.94	-15.97		ppb
Potassium	39-2	41.97	33.12	17.05	30.71	41.14	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	-1.04	-1.04	2.39	0.10	1892.02	ppb
Selenium	78-2	-1.10	0.60	-1.10	-0.53		ppb
Selenium	82-1	0.52	1.40	1.20	1.04	44.48	ppb
Silicon	28-1	93.23	82.99	85.47	87.23	6.13	ppb
Silver	109-1	0.03	0.01	0.01	0.02	57.36	ppb
Silver	107-1	0.03	0.00	0.01	0.01	86.25	ppb
Sodium	23-2	2791.35	2927.99	2834.93	2851.43	2.45	ppb
Strontium	86-1	3.79	3.16	3.32	3.42	9.66	ppb
Strontium	88-1	3.62	3.52	3.63	3.59	1.65	ppb
Sulfur	34-1	-3355.49	-5113.32	-4897.58	-4455.46		ppb
Terbium	159-1				129		%
Terbium	159-2				113		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	110.53	ppb
Tin	118-1	-0.01	-0.02	-0.04	-0.02		ppb
Titanium	47-1	-0.01	0.05	0.02	0.02	166.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.89	ppb
Vanadium	51-2	0.02	0.01	-0.01	0.01	139.04	ppb
Yttrium	89-1				113		%
Yttrium	89-2				96		%
Zinc	66-2	7.12	5.63	6.58	6.44	11.72	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:13:17	DataFile Name :	116SMPL.d

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

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:16:51	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.62	131.24	125.51	130.46	3.53	ppb
Antimony	121-1	4.94	5.01	4.89	4.95	1.22	ppb
Arsenic	75-2	5.36	5.08	5.24	5.23	2.70	ppb
Barium	135-1	27.09	26.21	25.88	26.39	2.37	ppb
Barium	137-1	27.09	27.28	27.14	27.17	0.36	ppb
Beryllium	9-1	6.03	5.82	5.77	5.87	2.32	ppb
Bismuth	209-1				140		%
Bismuth	209-2				121		%
Boron	10-1	36.51	36.07	35.70	36.09	1.11	ppb
Boron	11-1	35.90	35.42	36.39	35.90	1.35	ppb
Cadmium	111-1	8.07	7.51	7.95	7.84	3.72	ppb
Cadmium	106-1	4.68	5.87	7.90	6.15	26.53	ppb
Cadmium	108-1	7.55	8.98	8.26	8.26	8.62	ppb
Calcium	43-1	1525.87	1439.90	1506.63	1490.80	3.03	ppb
Calcium	44-1	1463.77	1422.14	1448.98	1444.96	1.46	ppb
Chromium	52-2	523.90	512.03	513.22	516.38	1.27	ppb
Cobalt	59-2	6.68	6.44	6.37	6.49	2.53	ppb
Copper	63-2	30.70	30.43	30.46	30.53	0.49	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				133		%
Holmium	165-2				115		%
Indium	115-1				123		%
Indium	115-2				100		%
Iron	56-2	314.73	305.68	310.32	310.25	1.46	ppb
Iron	57-2	307.72	294.19	294.31	298.74	2.60	ppb
Krypton	83-1						cps
Lead	206-1	5.35	5.08	5.14	5.19	2.64	ppb
Lead	207-1	4.89	4.80	4.91	4.87	1.26	ppb
Lead	208-1	5.02	4.86	5.03	4.97	1.95	ppb
Lithium	6-1				71		%
Magnesium	24-2	767.41	764.68	749.64	760.58	1.26	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-10DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:16:51 DataFile Name : 117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.54	100.31	100.68	100.84	0.63	ppb
Molybdenum	94-1	26.29	26.08	26.96	26.44	1.74	ppb
Molybdenum	95-1	25.63	25.95	26.83	26.13	2.38	ppb
Molybdenum	96-1	25.72	25.99	26.53	26.08	1.59	ppb
Molybdenum	97-1	27.41	26.39	27.60	27.14	2.40	ppb
Molybdenum	98-1	26.51	26.63	26.77	26.64	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.66	15.46	14.91	15.34	2.50	ppb
Phosphorus	31-2	-19.45	-7.65	-19.61	-15.57		ppb
Potassium	39-2	342.90	288.20	285.26	305.45	10.63	ppb
Rhodium	103-1				118		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	-1.04	5.68	9.13	4.59	112.67	ppb
Selenium	78-2	5.86	5.15	5.78	5.60	6.93	ppb
Selenium	82-1	7.38	6.91	6.25	6.85	8.33	ppb
Silicon	28-1	87.17	84.28	88.20	86.55	2.35	ppb
Silver	109-1	5.00	4.78	4.81	4.87	2.45	ppb
Silver	107-1	4.87	4.75	4.96	4.86	2.25	ppb
Sodium	23-2	3484.85	3417.55	3433.48	3445.29	1.02	ppb
Strontium	86-1	8.67	8.41	8.52	8.53	1.53	ppb
Strontium	88-1	8.73	8.76	8.72	8.74	0.24	ppb
Sulfur	34-1	-4863.40	-5677.74	-5239.68	-5260.27		ppb
Terbium	159-1				133		%
Terbium	159-2				112		%
Thallium	203-1	5.16	4.66	5.10	4.97	5.52	ppb
Thallium	205-1	4.98	4.79	4.94	4.90	2.08	ppb
Tin	118-1	4.93	4.78	4.89	4.87	1.57	ppb
Titanium	47-1	25.97	25.30	26.28	25.85	1.94	ppb
Uranium	238-1	4.79	4.72	4.86	4.79	1.42	ppb
Vanadium	51-2	5.89	5.89	5.72	5.83	1.73	ppb
Yttrium	89-1				115		%
Yttrium	89-2				95		%
Zinc	66-2	20.21	19.61	19.78	19.87	1.55	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:16:51	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.28	5.15	5.40	5.27	2.29	ppb
Zirconium	91-1	5.14	5.28	5.44	5.29	2.83	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-11DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:20:19 DataFile Name : 118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	121.74	127.44	128.72	125.96	2.95	ppb
Antimony	121-1	4.95	5.16	5.09	5.07	2.11	ppb
Arsenic	75-2	5.51	5.43	4.96	5.30	5.58	ppb
Barium	135-1	26.37	28.76	26.60	27.25	4.84	ppb
Barium	137-1	26.81	28.75	27.30	27.62	3.64	ppb
Beryllium	9-1	5.28	6.05	5.73	5.69	6.77	ppb
Bismuth	209-1				139		%
Bismuth	209-2				121		%
Boron	10-1	32.87	36.05	37.13	35.35	6.27	ppb
Boron	11-1	33.22	37.86	36.10	35.73	6.56	ppb
Cadmium	111-1	7.86	8.22	8.04	8.04	2.27	ppb
Cadmium	106-1	6.80	6.36	5.97	6.37	6.48	ppb
Cadmium	108-1	7.15	8.40	7.22	7.59	9.21	ppb
Calcium	43-1	1487.62	1566.27	1509.74	1521.21	2.67	ppb
Calcium	44-1	1430.64	1549.27	1443.47	1474.46	4.42	ppb
Chromium	52-2	530.12	516.52	507.87	518.17	2.16	ppb
Cobalt	59-2	6.70	6.43	6.43	6.52	2.39	ppb
Copper	63-2	32.03	31.67	30.58	31.43	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				116		%
Indium	115-1				122		%
Indium	115-2				100		%
Iron	56-2	317.60	312.84	304.80	311.75	2.08	ppb
Iron	57-2	323.59	306.00	314.72	314.77	2.79	ppb
Krypton	83-1						cps
Lead	206-1	5.07	5.54	5.27	5.29	4.50	ppb
Lead	207-1	4.99	5.29	5.15	5.14	2.98	ppb
Lead	208-1	4.94	5.37	5.15	5.15	4.13	ppb
Lithium	6-1				72		%
Magnesium	24-2	786.27	791.23	758.67	778.72	2.25	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:20:19	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.06	98.18	94.97	98.40	3.61	ppb
Molybdenum	94-1	25.66	27.74	26.76	26.72	3.90	ppb
Molybdenum	95-1	25.41	27.01	25.79	26.07	3.21	ppb
Molybdenum	96-1	26.29	27.18	25.96	26.48	2.38	ppb
Molybdenum	97-1	26.45	27.37	25.90	26.57	2.79	ppb
Molybdenum	98-1	26.30	28.09	26.04	26.81	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.10	15.95	15.37	15.81	2.45	ppb
Phosphorus	31-2	-19.05	-31.92	-44.34	-31.77		ppb
Potassium	39-2	300.49	298.23	298.54	299.08	0.41	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	77-2	12.68	5.67	5.65	8.00	50.62	ppb
Selenium	78-2	4.13	3.44	2.86	3.48	18.21	ppb
Selenium	82-1	8.02	5.27	5.52	6.27	24.30	ppb
Silicon	28-1	83.02	95.93	85.43	88.12	7.79	ppb
Silver	109-1	4.88	5.15	4.70	4.91	4.57	ppb
Silver	107-1	4.87	5.06	4.82	4.91	2.57	ppb
Sodium	23-2	3549.25	3469.26	3396.17	3471.56	2.21	ppb
Strontium	86-1	8.61	8.85	8.53	8.67	1.93	ppb
Strontium	88-1	8.73	9.04	8.70	8.82	2.14	ppb
Sulfur	34-1	-5284.84	-3612.15	-5281.31	-4726.10		ppb
Terbium	159-1				132		%
Terbium	159-2				112		%
Thallium	203-1	4.72	5.06	4.98	4.92	3.58	ppb
Thallium	205-1	4.66	5.24	4.86	4.92	5.95	ppb
Tin	118-1	4.70	5.06	4.85	4.87	3.74	ppb
Titanium	47-1	25.35	27.85	25.90	26.37	5.00	ppb
Uranium	238-1	4.70	5.10	4.76	4.86	4.48	ppb
Vanadium	51-2	5.82	6.20	5.51	5.84	5.95	ppb
Yttrium	89-1				114		%
Yttrium	89-2				95		%
Zinc	66-2	19.17	19.56	18.99	19.24	1.53	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:20:19	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.27	5.48	5.32	5.36	1.99	ppb
Zirconium	91-1	5.21	5.32	5.15	5.22	1.71	ppb

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09ADL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:23:49 DataFile Name : 119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.63	130.04	126.08	131.92	5.28	ppb
Antimony	121-1	4.96	5.19	4.89	5.01	3.17	ppb
Arsenic	75-2	5.07	4.99	5.50	5.18	5.27	ppb
Barium	135-1	26.88	28.32	27.15	27.45	2.78	ppb
Barium	137-1	27.29	28.59	28.13	28.00	2.36	ppb
Beryllium	9-1	5.88	6.41	5.78	6.02	5.59	ppb
Bismuth	209-1				138		%
Bismuth	209-2				120		%
Boron	10-1	33.08	37.41	35.72	35.40	6.17	ppb
Boron	11-1	35.12	36.45	36.03	35.86	1.90	ppb
Cadmium	111-1	8.42	8.00	8.37	8.26	2.79	ppb
Cadmium	106-1	6.70	6.05	5.50	6.08	9.94	ppb
Cadmium	108-1	6.29	8.77	6.84	7.30	17.84	ppb
Calcium	43-1	1448.31	1508.75	1556.13	1504.40	3.59	ppb
Calcium	44-1	1458.46	1505.20	1502.36	1488.67	1.76	ppb
Chromium	52-2	528.64	521.36	526.98	525.66	0.73	ppb
Cobalt	59-2	6.64	6.44	6.88	6.65	3.30	ppb
Copper	63-2	32.10	31.17	31.99	31.75	1.60	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				133		%
Holmium	165-2				115		%
Indium	115-1				121		%
Indium	115-2				99		%
Iron	56-2	320.84	313.04	316.73	316.87	1.23	ppb
Iron	57-2	309.82	313.62	328.54	317.32	3.12	ppb
Krypton	83-1						cps
Lead	206-1	5.31	5.38	5.35	5.34	0.67	ppb
Lead	207-1	5.25	4.97	5.10	5.11	2.76	ppb
Lead	208-1	5.16	5.19	5.20	5.18	0.39	ppb
Lithium	6-1				72		%
Magnesium	24-2	773.75	778.05	774.77	775.52	0.29	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:23:49	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.72	98.32	99.04	100.36	2.92	ppb
Molybdenum	94-1	27.00	27.59	28.68	27.76	3.07	ppb
Molybdenum	95-1	26.80	27.34	26.72	26.95	1.24	ppb
Molybdenum	96-1	26.90	26.93	26.62	26.82	0.63	ppb
Molybdenum	97-1	27.58	27.71	27.34	27.54	0.69	ppb
Molybdenum	98-1	26.87	27.25	27.52	27.21	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.91	16.09	16.32	16.11	1.26	ppb
Phosphorus	31-2	-6.61	-31.97	-18.96	-19.18		ppb
Potassium	39-2	358.81	312.78	344.35	338.65	6.95	ppb
Rhodium	103-1				116		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				83		%
Selenium	77-2	5.77	9.27	2.38	5.81	59.34	ppb
Selenium	78-2	7.54	6.46	2.95	5.65	42.46	ppb
Selenium	82-1	5.50	5.86	5.13	5.50	6.63	ppb
Silicon	28-1	82.86	91.63	89.77	88.09	5.24	ppb
Silver	109-1	4.94	5.03	5.03	5.00	0.98	ppb
Silver	107-1	4.93	4.97	4.96	4.95	0.44	ppb
Sodium	23-2	3530.35	3468.98	3538.67	3512.67	1.08	ppb
Strontium	86-1	8.33	8.63	8.83	8.60	2.92	ppb
Strontium	88-1	8.77	8.95	8.90	8.87	1.05	ppb
Sulfur	34-1	-5214.05	-3978.98	-4661.33	-4618.12		ppb
Terbium	159-1				131		%
Terbium	159-2				111		%
Thallium	203-1	5.00	5.12	5.12	5.08	1.36	ppb
Thallium	205-1	4.94	5.10	5.19	5.08	2.44	ppb
Tin	118-1	4.88	5.06	4.86	4.93	2.22	ppb
Titanium	47-1	26.86	27.06	26.35	26.76	1.37	ppb
Uranium	238-1	4.96	5.00	4.91	4.96	0.91	ppb
Vanadium	51-2	6.23	6.17	5.87	6.09	3.14	ppb
Yttrium	89-1				113		%
Yttrium	89-2				94		%
Zinc	66-2	20.10	19.07	20.04	19.74	2.94	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:23:49	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.44	5.44	5.63	5.50	1.95	ppb
Zirconium	91-1	5.35	5.29	5.17	5.27	1.70	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:27:18	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.67	7.33	5.97	5.33	44.96	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	75.90	ppb
Arsenic	75-2	-0.01	0.02	0.00	0.00	895.86	ppb
Barium	135-1	0.10	0.08	0.11	0.09	16.22	ppb
Barium	137-1	0.11	0.10	0.14	0.11	20.66	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	165.94	ppb
Bismuth	209-1				141		%
Bismuth	209-2				120		%
Boron	10-1	43.87	46.76	47.92	46.18	4.52	ppb
Boron	11-1	48.78	48.35	50.26	49.13	2.03	ppb
Cadmium	111-1	-0.04	-0.01	-0.08	-0.05		ppb
Cadmium	106-1	-1.04	-0.87	-1.92	-1.28		ppb
Cadmium	108-1	0.07	-0.04	0.07	0.03	188.96	ppb
Calcium	43-1	792.30	773.11	828.38	797.93	3.52	ppb
Calcium	44-1	781.42	724.86	775.90	760.73	4.10	ppb
Chromium	52-2	731.00	725.15	735.30	730.48	0.70	ppb
Cobalt	59-2	0.11	0.13	0.10	0.11	10.96	ppb
Copper	63-2	13.24	13.27	13.39	13.30	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				137		%
Holmium	165-2				116		%
Indium	115-1				123		%
Indium	115-2				100		%
Iron	56-2	10.79	10.13	9.85	10.26	4.67	ppb
Iron	57-2	5.02	11.39	10.93	9.11	39.01	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.14	0.16	14.15	ppb
Lead	207-1	0.10	0.12	0.13	0.12	12.67	ppb
Lead	208-1	0.13	0.12	0.14	0.13	6.00	ppb
Lithium	6-1				73		%
Magnesium	24-2	360.82	349.58	346.45	352.29	2.15	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:27:18	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	38.39	36.31	39.20	37.97	3.92	ppb
Molybdenum	94-1	0.03	0.01	0.00	0.01	152.11	ppb
Molybdenum	95-1	0.00	0.01	0.03	0.01	110.10	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	23.04	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	15.39	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.89	0.71	0.90	21.44	ppb
Phosphorus	31-2	-19.50	-19.66	-19.22	-19.46		ppb
Potassium	39-2	42.53	29.97	49.03	40.51	23.92	ppb
Rhodium	103-1				118		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	2.35	-1.04	-1.04	0.09	2141.00	ppb
Selenium	78-2	-0.53	-0.53	-0.52	-0.52		ppb
Selenium	82-1	0.91	1.66	-0.14	0.81	111.38	ppb
Silicon	28-1	173.27	158.82	174.28	168.79	5.13	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.51	ppb
Silver	107-1	0.02	0.01	0.01	0.01	63.97	ppb
Sodium	23-2	3848.09	3801.07	3899.08	3849.41	1.27	ppb
Strontium	86-1	5.15	4.67	4.87	4.90	4.94	ppb
Strontium	88-1	5.05	4.88	5.01	4.98	1.82	ppb
Sulfur	34-1	-5378.81	-7022.57	-5690.59	-6030.66		ppb
Terbium	159-1				135		%
Terbium	159-2				113		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	138.88	ppb
Tin	118-1	-0.03	-0.02	-0.06	-0.04		ppb
Titanium	47-1	-0.02	0.01	0.16	0.05	201.37	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.43	ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	146.37	ppb
Yttrium	89-1				116		%
Yttrium	89-2				94		%
Zinc	66-2	1.68	1.71	1.70	1.69	1.06	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:27:18	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.01	0.01	165.87	ppb
Zirconium	91-1	0.01	0.00	-0.02	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50198.90	49717.23	49834.63	49916.92	0.50	ppb
Antimony	121-1	465.40	477.06	458.33	466.93	2.03	ppb
Arsenic	75-2	501.21	494.27	487.17	494.22	1.42	ppb
Barium	135-1	2385.40	2397.56	2367.42	2383.46	0.64	ppb
Barium	137-1	2387.77	2459.44	2376.75	2407.99	1.86	ppb
Beryllium	9-1	517.20	524.43	508.98	516.87	1.49	ppb
Bismuth	209-1				136		%
Bismuth	209-2				116		%
Boron	10-1	507.03	514.05	507.84	509.64	0.75	ppb
Boron	11-1	491.54	510.65	502.86	501.69	1.92	ppb
Cadmium	111-1	439.49	451.42	434.07	441.66	2.01	ppb
Cadmium	106-1	438.26	450.39	437.70	442.12	1.62	ppb
Cadmium	108-1	430.27	451.58	431.53	437.79	2.73	ppb
Calcium	43-1	239694.13	240858.28	231801.81	237451.41	2.08	ppb
Calcium	44-1	240396.01	242185.99	229496.13	237359.38	2.89	ppb
Chromium	52-2	543.32	543.37	541.98	542.89	0.14	ppb
Cobalt	59-2	545.01	539.92	542.92	542.62	0.47	ppb
Copper	63-2	1072.45	1062.72	1073.10	1069.42	0.54	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				138		%
Holmium	165-2				118		%
Indium	115-1				121		%
Indium	115-2				100		%
Iron	56-2	134708.85	131553.73	132024.29	132762.29	1.28	ppb
Iron	57-2	136693.83	132544.84	133371.30	134203.32	1.64	ppb
Krypton	83-1						cps
Lead	206-1	460.83	471.99	448.38	460.40	2.57	ppb
Lead	207-1	460.28	473.50	453.98	462.59	2.15	ppb
Lead	208-1	471.11	483.00	463.60	472.57	2.07	ppb
Lithium	6-1				80		%
Magnesium	24-2	257998.20	252349.26	258431.06	256259.51	1.32	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.57	1024.07	1031.94	1029.86	0.49	ppb
Molybdenum	94-1	2535.54	2540.91	2429.82	2502.09	2.50	ppb
Molybdenum	95-1	2522.33	2535.65	2420.04	2492.67	2.54	ppb
Molybdenum	96-1	2516.33	2546.12	2399.30	2487.25	3.12	ppb
Molybdenum	97-1	2546.03	2585.62	2417.36	2516.33	3.50	ppb
Molybdenum	98-1	2558.49	2556.32	2428.32	2514.38	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.46	549.61	556.58	553.55	0.65	ppb
Phosphorus	31-2	10249.47	9889.60	9115.97	9751.68	5.94	ppb
Potassium	39-2	121474.46	121365.64	121833.18	121557.76	0.20	ppb
Rhodium	103-1				114		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	413.63	421.47	414.22	416.44	1.05	ppb
Selenium	78-2	480.09	462.35	483.20	475.21	2.37	ppb
Selenium	82-1	476.69	480.16	451.23	469.36	3.37	ppb
Silicon	28-1	419.10	424.65	395.56	413.10	3.74	ppb
Silver	109-1	447.20	460.49	443.26	450.32	2.00	ppb
Silver	107-1	448.36	452.06	434.80	445.07	2.04	ppb
Sodium	23-2	254179.72	249652.77	254921.21	252917.90	1.13	ppb
Strontium	86-1	477.76	485.73	464.86	476.12	2.21	ppb
Strontium	88-1	495.70	501.25	481.38	492.78	2.08	ppb
Sulfur	34-1	7935.96	7813.17	6358.84	7369.32	11.90	ppb
Terbium	159-1				136		%
Terbium	159-2				114		%
Thallium	203-1	458.97	469.67	440.95	456.53	3.18	ppb
Thallium	205-1	482.38	494.95	467.46	481.60	2.86	ppb
Tin	118-1	461.45	471.74	455.32	462.84	1.79	ppb
Titanium	47-1	2479.37	2559.39	2396.86	2478.54	3.28	ppb
Uranium	238-1	493.50	502.18	480.18	491.95	2.25	ppb
Vanadium	51-2	543.53	534.98	542.34	540.28	0.86	ppb
Yttrium	89-1				118		%
Yttrium	89-2				99		%
Zinc	66-2	1072.29	1063.01	1072.98	1069.43	0.52	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.68	502.96	484.98	498.21	2.33	ppb
Zirconium	91-1	476.99	480.93	459.25	472.39	2.45	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:47:26	DataFile Name :	122CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.64	0.15	-1.16	-0.55		ppb
Antimony	121-1	0.11	0.14	0.17	0.14	21.55	ppb
Arsenic	75-2	0.02	0.00	0.05	0.02	108.32	ppb
Barium	135-1	0.01	0.05	0.00	0.02	102.26	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	386.60	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	17.91	ppb
Bismuth	209-1				130		%
Bismuth	209-2				118		%
Boron	10-1	4.46	6.64	5.15	5.42	20.54	ppb
Boron	11-1	5.74	5.25	5.60	5.53	4.58	ppb
Cadmium	111-1	-0.08	-0.06	-0.09	-0.08		ppb
Cadmium	106-1	-1.12	-0.77	-1.21	-1.03		ppb
Cadmium	108-1	-0.03	0.02	-0.03	-0.01		ppb
Calcium	43-1	0.65	-0.04	1.61	0.74	112.42	ppb
Calcium	44-1	-30.62	-33.12	-24.91	-29.55		ppb
Chromium	52-2	0.55	0.61	0.31	0.49	33.02	ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.46	0.40	0.40	0.42	7.64	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				128		%
Holmium	165-2				114		%
Indium	115-1				119		%
Indium	115-2				102		%
Iron	56-2	0.69	0.38	-0.01	0.35	98.83	ppb
Iron	57-2	-2.49	-3.02	-1.24	-2.25		ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.23	0.21	9.68	ppb
Lead	207-1	0.21	0.15	0.17	0.18	17.94	ppb
Lead	208-1	0.18	0.17	0.20	0.18	8.73	ppb
Lithium	6-1				74		%
Magnesium	24-2	1.62	-0.36	0.43	0.56	177.20	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:47:26	DataFile Name :	122CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.02	-0.14	-0.01		ppb
Molybdenum	94-1	0.08	0.12	0.05	0.08	42.90	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	4.49	ppb
Molybdenum	96-1	0.10	0.09	0.07	0.09	13.97	ppb
Molybdenum	97-1	0.11	0.11	0.07	0.10	23.81	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	19.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.05	0.00	976.16	ppb
Phosphorus	31-2	-8.03	-8.80	-21.11	-12.65		ppb
Potassium	39-2	21.36	26.25	2.95	16.85	72.91	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-1.04	2.28	2.22	1.15	164.86	ppb
Selenium	78-2	1.15	0.59	-0.55	0.40	218.50	ppb
Selenium	82-1	1.03	1.37	0.73	1.04	30.85	ppb
Silicon	28-1	-29.66	-32.53	-28.04	-30.08		ppb
Silver	109-1	0.07	0.05	0.07	0.07	16.29	ppb
Silver	107-1	0.06	0.06	0.05	0.06	11.85	ppb
Sodium	23-2	33.28	30.74	24.28	29.43	15.76	ppb
Strontium	86-1	0.00	-0.18	0.00	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-5933.13	-6432.04	-4589.99	-5651.72		ppb
Terbium	159-1				127		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.03	0.02	0.02	55.81	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	16.72	ppb
Tin	118-1	0.00	0.01	0.01	0.01	97.50	ppb
Titanium	47-1	0.01	-0.08	-0.04	-0.04		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	102.71	ppb
Vanadium	51-2	-0.01	0.03	0.00	0.01	371.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				98		%
Zinc	66-2	0.65	0.58	0.72	0.65	11.01	ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:47:26	DataFile Name :	122CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	31.25	ppb
Zirconium	91-1	-0.02	0.01	0.00	0.00		ppb

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	40	80	58	34.64	cps
Antimony	121-1	8	33	58	33	75.02	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	17	8	17	14	34.67	cps
Beryllium	9-1	20	13	13	16	24.76	cps
Bismuth	209-1	1352228	1358587	1356597	1355804	0.24	cps
Bismuth	209-2	696640	697794	736574	710336	3.20	cps
Boron	10-1	33	33	17	28	34.63	cps
Boron	11-1	217	175	192	194	10.79	cps
Cadmium	111-1	423	599	503	508	17.37	cps
Cadmium	106-1	600	842	725	722	16.73	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	310	263	253	276	10.98	cps
Calcium	44-1	39816	39616	39282	39571	0.68	cps
Chromium	52-2	1954	1897	2024	1958	3.24	cps
Cobalt	59-2	107	97	100	101	5.04	cps
Copper	63-2	670	700	660	677	3.08	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	0	8	33	14	124.91	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	13	0	10	8	89.21	cps
Holmium	165-1	2351663	2350484	2363147	2355098	0.30	cps
Holmium	165-2	981703	970922	1020870	991165	2.65	cps
Indium	115-1	2493913	2515055	2488393	2499120	0.56	cps
Indium	115-2	232695	230506	245459	236220	3.42	cps
Iron	56-2	4406	4240	4351	4332	1.96	cps
Iron	57-2	150	122	178	150	18.52	cps
Krypton	83-1	607	630	640	626	2.73	cps
Lead	206-1	50	78	72	67	22.05	cps
Lead	207-1	94	117	61	91	30.82	cps
Lead	208-1	328	444	283	352	23.65	cps
Lithium	6-1	502123	502970	504824	503306	0.27	cps
Magnesium	24-2	375	392	350	372	5.63	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	90	103	101	10.07	cps
Molybdenum	94-1	117	167	92	125	30.55	cps
Molybdenum	95-1	17	17	58	31	78.72	cps
Molybdenum	96-1	25	33	42	33	25.01	cps
Molybdenum	97-1	133	92	108	111	18.88	cps
Molybdenum	98-1	67	42	50	53	24.12	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	87	100	92	7.52	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	6569	6568	6585	6574	0.15	cps
Rhodium	103-1	2670998	2643253	2664772	2659674	0.55	cps
Rhodium	103-2	1134661	1138474	1190653	1154596	2.71	cps
Scandium	45-1	2472329	2500985	2493589	2488968	0.60	cps
Scandium	45-2	38018	37561	39098	38226	2.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	-81	-91	-125	-99	-23.64	cps
Silicon	28-1	391101	390211	386269	389193	0.66	cps
Silver	109-1	50	75	75	67	21.65	cps
Silver	107-1	83	108	83	92	15.74	cps
Sodium	23-2	14283	14058	13582	13974	2.56	cps
Strontium	86-1	908	875	817	867	5.35	cps
Strontium	88-1	92	100	92	94	5.10	cps
Sulfur	34-1	536129	543933	542631	540898	0.77	cps
Terbium	159-1	2525563	2550190	2542205	2539319	0.49	cps
Terbium	159-2	1014384	1009237	1053419	1025680	2.36	cps
Thallium	203-1	17	50	42	36	48.03	cps
Thallium	205-1	33	50	58	47	26.95	cps
Tin	118-1	275	217	233	242	12.43	cps
Titanium	47-1	142	83	150	125	29.06	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	30	17	10	19	53.91	cps
Yttrium	89-1	3130737	3094626	3100094	3108486	0.63	cps
Yttrium	89-2	199124	195722	206714	200520	2.81	cps
Zinc	66-2	60	30	60	50	34.64	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:30:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	175	158	206	33.02	cps
Zirconium	91-1	50	75	50	58	24.74	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260	240	240	247	4.68	cps
Antimony	121-1	7486	7269	7286	7347	1.64	cps
Arsenic	75-2	111	122	139	124	11.27	cps
Barium	135-1	7144	6877	7402	7141	3.68	cps
Barium	137-1	12231	12090	11831	12051	1.69	cps
Beryllium	9-1	857	877	850	861	1.61	cps
Bismuth	209-1	1400024	1401659	1390227	1397303	0.44	cps
Bismuth	209-2	730188	733406	742431	735342	0.86	cps
Boron	10-1	3201	3009	3142	3117	3.15	cps
Boron	11-1	15617	16452	16135	16068	2.62	cps
Cadmium	111-1	1358	1429	1440	1409	3.14	cps
Cadmium	106-1	750	867	808	808	7.22	cps
Cadmium	108-1	83	46	67	65	28.79	cps
Calcium	43-1	7169	7175	7149	7164	0.19	cps
Calcium	44-1	146857	147265	148403	147508	0.54	cps
Chromium	52-2	3604	3824	3634	3687	3.24	cps
Cobalt	59-2	1770	1787	1887	1815	3.48	cps
Copper	63-2	3577	3461	3517	3518	1.66	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	67	8	36	81.06	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	2426045	2435970	2462968	2441661	0.78	cps
Holmium	165-2	1017051	1017845	1043214	1026037	1.45	cps
Indium	115-1	2618527	2604079	2562699	2595102	1.12	cps
Indium	115-2	237604	240967	247945	242172	2.18	cps
Iron	56-2	38236	38721	39139	38699	1.17	cps
Iron	57-2	1133	1011	961	1035	8.56	cps
Krypton	83-1	627	603	560	597	5.67	cps
Lead	206-1	1717	1706	1589	1671	4.24	cps
Lead	207-1	1395	1511	1467	1458	4.04	cps
Lead	208-1	6379	6629	6412	6473	2.10	cps
Lithium	6-1	516620	516012	514040	515557	0.26	cps
Magnesium	24-2	20808	20758	20682	20749	0.30	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	487	430	443	453	6.54	cps
Molybdenum	94-1	7386	7269	7327	7327	0.80	cps
Molybdenum	95-1	9621	9370	9345	9445	1.61	cps
Molybdenum	96-1	10029	9962	10321	10104	1.89	cps
Molybdenum	97-1	5585	6210	5868	5888	5.32	cps
Molybdenum	98-1	14575	14809	15351	14912	2.67	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	610	633	687	643	6.11	cps
Phosphorus	31-2	58	58	42	53	18.23	cps
Potassium	39-2	18521	18112	18129	18254	1.27	cps
Rhodium	103-1	2749962	2739920	2726655	2738846	0.43	cps
Rhodium	103-2	1162379	1175024	1196212	1177872	1.45	cps
Scandium	45-1	2514834	2577591	2521475	2537967	1.36	cps
Scandium	45-2	38917	39619	39723	39420	1.11	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	24	15	17	19	26.45	cps
Selenium	82-1	284	307	331	307	7.63	cps
Silicon	28-1	422808	423834	423746	423463	0.13	cps
Silver	109-1	3801	4384	4393	4193	8.09	cps
Silver	107-1	4509	4493	4009	4337	6.55	cps
Sodium	23-2	59107	60194	57919	59073	1.93	cps
Strontium	86-1	1892	2034	2059	1995	4.51	cps
Strontium	88-1	10263	10171	10338	10257	0.81	cps
Sulfur	34-1	542329	547489	543249	544355	0.51	cps
Terbium	159-1	2671073	2683937	2618275	2657761	1.31	cps
Terbium	159-2	1035531	1049760	1072173	1052488	1.76	cps
Thallium	203-1	1792	1842	1792	1809	1.60	cps
Thallium	205-1	4326	4551	4209	4362	3.98	cps
Tin	118-1	13032	12890	12832	12918	0.80	cps
Titanium	47-1	3384	3576	3909	3623	7.34	cps
Uranium	238-1	5451	5376	5451	5426	0.80	cps
Vanadium	51-2	3544	3497	3554	3532	0.86	cps
Yttrium	89-1	3229928	3279278	3199965	3236390	1.24	cps
Yttrium	89-2	204013	203954	210314	206094	1.77	cps
Zinc	66-2	407	330	430	389	13.45	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:38:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6243	6010	6443	6232	3.48	cps
Zirconium	91-1	1383	1508	1450	1447	4.32	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 11:42:10 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9899	9666	10036	9867	1.90	cps
Antimony	121-1	197643	194906	192935	195161	1.21	cps
Arsenic	75-2	6250	6159	6340	6250	1.45	cps
Barium	135-1	191231	191610	189084	190642	0.71	cps
Barium	137-1	327531	322178	323498	324402	0.86	cps
Beryllium	9-1	49970	49820	50736	50175	0.98	cps
Bismuth	209-1	1426711	1401924	1390894	1406510	1.30	cps
Bismuth	209-2	742673	724734	748945	738784	1.70	cps
Boron	10-1	7244	6902	6819	6988	3.22	cps
Boron	11-1	34359	36272	37174	35935	4.00	cps
Cadmium	111-1	46069	47383	47683	47045	1.82	cps
Cadmium	106-1	5318	5643	5718	5560	3.83	cps
Cadmium	108-1	3576	3338	3451	3455	3.44	cps
Calcium	43-1	75183	74194	74902	74760	0.68	cps
Calcium	44-1	1263481	1238320	1230330	1244044	1.39	cps
Chromium	52-2	51926	50722	50628	51092	1.42	cps
Cobalt	59-2	92330	90981	91082	91464	0.82	cps
Copper	63-2	153480	151449	152045	152325	0.69	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	8	25	50	28	75.51	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2525161	2531600	2413530	2490097	2.67	cps
Holmium	165-2	1060316	1008152	1045437	1037969	2.59	cps
Indium	115-1	2639604	2549011	2598791	2595802	1.75	cps
Indium	115-2	247481	235311	243177	241989	2.55	cps
Iron	56-2	1777385	1744971	1765909	1762755	0.93	cps
Iron	57-2	43273	42911	42788	42991	0.59	cps
Krypton	83-1	570	660	623	618	7.33	cps
Lead	206-1	82092	82237	82645	82325	0.35	cps
Lead	207-1	76100	74652	73462	74738	1.77	cps
Lead	208-1	336580	331048	332669	333432	0.85	cps
Lithium	6-1	522426	514695	512039	516387	1.04	cps
Magnesium	24-2	227761	224324	224938	225675	0.81	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:42:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31172	31462	31395	31343	0.49	cps
Molybdenum	94-1	399509	397130	396681	397773	0.38	cps
Molybdenum	95-1	484725	484031	480898	483218	0.42	cps
Molybdenum	96-1	529969	529402	528305	529225	0.16	cps
Molybdenum	97-1	298243	297213	296949	297468	0.23	cps
Molybdenum	98-1	762717	764713	761655	763028	0.20	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27153	26913	27234	27100	0.62	cps
Phosphorus	31-2	992	833	917	914	8.67	cps
Potassium	39-2	72010	71080	71666	71585	0.66	cps
Rhodium	103-1	2777078	2721183	2687195	2728485	1.66	cps
Rhodium	103-2	1200602	1151427	1188772	1180267	2.17	cps
Scandium	45-1	2564223	2551052	2501868	2539048	1.29	cps
Scandium	45-2	39399	37183	39138	38573	3.14	cps
Selenium	77-2	67	53	53	58	13.33	cps
Selenium	78-2	213	172	167	184	13.74	cps
Selenium	82-1	3829	3567	3755	3717	3.65	cps
Silicon	28-1	603651	611664	612425	609247	0.80	cps
Silver	109-1	219540	218881	220074	219498	0.27	cps
Silver	107-1	232474	231694	231931	232033	0.17	cps
Sodium	23-2	502097	498373	500018	500163	0.37	cps
Strontium	86-1	65090	64051	62879	64007	1.73	cps
Strontium	88-1	544652	541729	537680	541354	0.65	cps
Sulfur	34-1	578089	567314	569725	571709	0.99	cps
Terbium	159-1	2685266	2670337	2637420	2664341	0.92	cps
Terbium	159-2	1082407	1044052	1077222	1067893	1.95	cps
Thallium	203-1	101648	104377	101412	102479	1.61	cps
Thallium	205-1	240364	243423	244621	242803	0.90	cps
Tin	118-1	135835	134361	133755	134650	0.79	cps
Titanium	47-1	182000	181579	180316	181299	0.48	cps
Uranium	238-1	293267	291746	294106	293040	0.41	cps
Vanadium	51-2	36535	34690	35986	35737	2.65	cps
Yttrium	89-1	3288595	3203127	3194425	3228716	1.61	cps
Yttrium	89-2	208243	200416	205218	204626	1.93	cps
Zinc	66-2	17288	17288	17137	17238	0.50	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:42:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	332132	335556	330714	332800	0.75	cps
Zirconium	91-1	75669	74161	74009	74613	1.23	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24049	24830	24896	24592	1.92	cps
Antimony	121-1	510337	509752	506566	508885	0.40	cps
Arsenic	75-2	15792	15776	15957	15842	0.63	cps
Barium	135-1	489666	495270	487963	490966	0.78	cps
Barium	137-1	845105	849942	836813	843953	0.79	cps
Beryllium	9-1	130442	129926	130465	130277	0.23	cps
Bismuth	209-1	1452634	1519289	1470542	1480822	2.33	cps
Bismuth	209-2	766140	760244	741257	755881	1.72	cps
Boron	10-1	17737	18028	17762	17842	0.91	cps
Boron	11-1	89395	91894	90426	90572	1.39	cps
Cadmium	111-1	121805	120593	121050	121149	0.50	cps
Cadmium	106-1	13916	13791	14091	13933	1.08	cps
Cadmium	108-1	8720	8849	8953	8841	1.32	cps
Calcium	43-1	187391	187464	185171	186675	0.70	cps
Calcium	44-1	3100721	3101079	3101240	3101013	0.01	cps
Chromium	52-2	125005	124440	127110	125519	1.12	cps
Cobalt	59-2	230999	229285	228634	229639	0.53	cps
Copper	63-2	381043	384312	375600	380318	1.16	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2532561	2664292	2597279	2598044	2.54	cps
Holmium	165-2	1072034	1047673	1036699	1052135	1.72	cps
Indium	115-1	2611506	2761946	2668524	2680659	2.83	cps
Indium	115-2	249056	241194	237288	242513	2.47	cps
Iron	56-2	4352941	4448045	4353630	4384872	1.25	cps
Iron	57-2	108749	107646	108581	108325	0.55	cps
Krypton	83-1	620	583	587	597	3.40	cps
Lead	206-1	215799	215811	217310	216306	0.40	cps
Lead	207-1	196167	197294	195684	196381	0.42	cps
Lead	208-1	881559	878362	871707	877209	0.57	cps
Lithium	6-1	539109	549806	546378	545098	1.00	cps
Magnesium	24-2	560804	563462	563762	562676	0.29	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79505	79002	78949	79152	0.39	cps
Molybdenum	94-1	1019706	1023556	1015596	1019619	0.39	cps
Molybdenum	95-1	1239286	1242000	1231661	1237649	0.43	cps
Molybdenum	96-1	1364043	1350422	1352743	1355736	0.54	cps
Molybdenum	97-1	757947	766825	759515	761429	0.62	cps
Molybdenum	98-1	1974106	1969092	1989769	1977656	0.55	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	68287	68745	67965	68333	0.57	cps
Phosphorus	31-2	2000	2325	2184	2170	7.51	cps
Potassium	39-2	170514	169629	169434	169859	0.34	cps
Rhodium	103-1	2771115	2857169	2770487	2799591	1.78	cps
Rhodium	103-2	1196167	1185235	1150894	1177432	2.01	cps
Scandium	45-1	2557711	2676574	2591240	2608508	2.35	cps
Scandium	45-2	39973	39158	38088	39073	2.42	cps
Selenium	77-2	103	190	133	142	30.95	cps
Selenium	78-2	420	474	496	464	8.42	cps
Selenium	82-1	9699	9431	9617	9582	1.43	cps
Silicon	28-1	966220	1007764	987795	987260	2.10	cps
Silver	109-1	564072	561520	567765	564452	0.56	cps
Silver	107-1	595720	594981	594068	594923	0.14	cps
Sodium	23-2	1279989	1255334	1249521	1261615	1.28	cps
Strontium	86-1	164507	160155	160391	161684	1.51	cps
Strontium	88-1	1402848	1399315	1381496	1394553	0.82	cps
Sulfur	34-1	609620	610610	608487	609572	0.17	cps
Terbium	159-1	2749123	2873691	2802980	2808598	2.22	cps
Terbium	159-2	1103199	1092284	1058945	1084809	2.13	cps
Thallium	203-1	261477	267031	268272	265593	1.36	cps
Thallium	205-1	626485	636719	639679	634294	1.09	cps
Tin	118-1	343548	345298	351346	346731	1.18	cps
Titanium	47-1	463216	459354	459265	460612	0.49	cps
Uranium	238-1	773005	778923	783785	778571	0.69	cps
Vanadium	51-2	90124	90030	89826	89993	0.17	cps
Yttrium	89-1	3289725	3398097	3303046	3330289	1.77	cps
Yttrium	89-2	209059	203905	201356	204774	1.92	cps
Zinc	66-2	44026	43846	44217	44030	0.42	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:46:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	865131	846595	846232	852653	1.27	cps
Zirconium	91-1	190837	190111	191776	190908	0.44	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 11:49:51 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48507	49541	48552	48866	1.20	cps
Antimony	121-1	1015511	1022684	1009316	1015837	0.66	cps
Arsenic	75-2	31818	31529	32254	31867	1.15	cps
Barium	135-1	981916	987227	969407	979517	0.93	cps
Barium	137-1	1689452	1699802	1664389	1684547	1.08	cps
Beryllium	9-1	249237	248909	245143	247763	0.92	cps
Bismuth	209-1	1410406	1424016	1490688	1441704	2.98	cps
Bismuth	209-2	734667	762277	753669	750204	1.88	cps
Boron	10-1	35044	34517	35336	34966	1.19	cps
Boron	11-1	178161	178109	177249	177840	0.29	cps
Cadmium	111-1	241796	241182	236390	239789	1.23	cps
Cadmium	106-1	26995	25558	25325	25959	3.48	cps
Cadmium	108-1	17933	17633	17441	17669	1.40	cps
Calcium	43-1	368166	372270	369094	369844	0.58	cps
Calcium	44-1	5993546	6063183	5941641	5999457	1.02	cps
Chromium	52-2	246232	247202	246751	246728	0.20	cps
Cobalt	59-2	456325	452149	452851	453775	0.49	cps
Copper	63-2	752258	747643	757224	752375	0.64	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	2512143	2483156	2652411	2549237	3.55	cps
Holmium	165-2	1048529	1069630	1061550	1059903	1.00	cps
Indium	115-1	2516133	2549206	2709686	2591675	3.99	cps
Indium	115-2	241550	244990	246289	244276	1.00	cps
Iron	56-2	8682822	8683619	8674623	8680355	0.06	cps
Iron	57-2	214858	214307	214554	214573	0.13	cps
Krypton	83-1	657	613	570	613	7.07	cps
Lead	206-1	429961	431454	419629	427015	1.51	cps
Lead	207-1	388600	392438	381583	387540	1.42	cps
Lead	208-1	1744404	1749102	1706589	1733365	1.34	cps
Lithium	6-1	501774	501736	519390	507633	2.01	cps
Magnesium	24-2	1101052	1108823	1110260	1106712	0.45	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:49:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156125	157378	156539	156681	0.41	cps
Molybdenum	94-1	2070624	2064358	2048509	2061163	0.55	cps
Molybdenum	95-1	2571223	2568184	2540105	2559837	0.67	cps
Molybdenum	96-1	2774772	2766273	2760417	2767154	0.26	cps
Molybdenum	97-1	1545705	1538115	1511515	1531778	1.17	cps
Molybdenum	98-1	3942629	3964920	3964027	3957192	0.32	cps
Neodymium	150-1	53	47	33	44	22.92	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	135118	134237	134664	134673	0.33	cps
Phosphorus	31-2	4418	4318	4101	4279	3.79	cps
Potassium	39-2	327451	332615	327157	329074	0.93	cps
Rhodium	103-1	2648666	2696704	2841331	2728900	3.67	cps
Rhodium	103-2	1152946	1171638	1184908	1169831	1.37	cps
Scandium	45-1	2463687	2472146	2634918	2523584	3.82	cps
Scandium	45-2	39432	38941	39251	39208	0.63	cps
Selenium	77-2	183	307	280	257	25.28	cps
Selenium	78-2	832	859	900	864	3.99	cps
Selenium	82-1	19197	18994	19471	19221	1.24	cps
Silicon	28-1	1438888	1458050	1438806	1445248	0.77	cps
Silver	109-1	1123948	1112972	1113593	1116838	0.55	cps
Silver	107-1	1197234	1183685	1169533	1183484	1.17	cps
Sodium	23-2	2460462	2462539	2469469	2464157	0.19	cps
Strontium	86-1	321485	323990	320104	321859	0.61	cps
Strontium	88-1	2830913	2833011	2782509	2815478	1.01	cps
Sulfur	34-1	644072	641557	636452	640694	0.61	cps
Terbium	159-1	2664965	2714346	2859551	2746287	3.68	cps
Terbium	159-2	1075872	1080373	1090213	1082153	0.68	cps
Thallium	203-1	532101	532002	523955	529353	0.88	cps
Thallium	205-1	1256840	1266558	1245121	1256173	0.85	cps
Tin	118-1	692497	696798	679895	689730	1.27	cps
Titanium	47-1	910973	921788	898567	910443	1.28	cps
Uranium	238-1	1568010	1538318	1529984	1545437	1.29	cps
Vanadium	51-2	179967	179639	179140	179582	0.23	cps
Yttrium	89-1	3206894	3235717	3390674	3277761	3.02	cps
Yttrium	89-2	203374	207859	210283	207172	1.69	cps
Zinc	66-2	88346	86907	86025	87093	1.35	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:49:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1756387	1739060	1713141	1736196	1.25	cps
Zirconium	91-1	382613	381213	372535	378787	1.44	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95823	96916	95732	96157	0.68	cps
Antimony	121-1	2144257	2105514	2104224	2117998	1.07	cps
Arsenic	75-2	63813	63588	63562	63654	0.22	cps
Barium	135-1	2019613	2018819	1993446	2010626	0.74	cps
Barium	137-1	3411431	3415324	3425137	3417297	0.21	cps
Beryllium	9-1	476334	481133	474842	477436	0.69	cps
Bismuth	209-1	1438065	1461202	1490869	1463379	1.81	cps
Bismuth	209-2	745137	737206	744926	742423	0.61	cps
Boron	10-1	65233	68439	69536	67736	3.30	cps
Boron	11-1	337564	343682	343268	341505	1.00	cps
Cadmium	111-1	479183	479685	481394	480088	0.24	cps
Cadmium	106-1	51156	51750	51223	51377	0.63	cps
Cadmium	108-1	34570	34762	35981	35104	2.18	cps
Calcium	43-1	745584	741856	738200	741880	0.50	cps
Calcium	44-1	11945880	11978070	12011563	11978504	0.27	cps
Chromium	52-2	492401	489235	486429	489355	0.61	cps
Cobalt	59-2	903812	909540	896961	903438	0.70	cps
Copper	63-2	1490248	1486225	1477325	1484599	0.45	cps
Dysprosium	156-1	42	92	8	47	88.83	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	83	25	8	39	101.28	cps
Gadolinium	160-2	13	10	27	17	52.93	cps
Holmium	165-1	2581670	2606515	2682041	2623409	1.99	cps
Holmium	165-2	1064662	1047157	1066503	1059441	1.01	cps
Indium	115-1	2591641	2622756	2702058	2638818	2.16	cps
Indium	115-2	243597	240099	242184	241960	0.73	cps
Iron	56-2	17305341	17370427	17113332	17263033	0.77	cps
Iron	57-2	431169	429465	427512	429382	0.43	cps
Krypton	83-1	567	593	717	626	12.79	cps
Lead	206-1	850568	862217	852898	855228	0.72	cps
Lead	207-1	773247	777419	773267	774645	0.31	cps
Lead	208-1	3531469	3553766	3527061	3537432	0.40	cps
Lithium	6-1	478545	483675	483873	482031	0.63	cps
Magnesium	24-2	2231587	2182956	2176358	2196967	1.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313285	310473	306207	309988	1.15	cps
Molybdenum	94-1	4139963	4092486	4127456	4119968	0.60	cps
Molybdenum	95-1	5149947	5081183	5045743	5092291	1.04	cps
Molybdenum	96-1	5622645	5599760	5523897	5582100	0.93	cps
Molybdenum	97-1	3145381	3116968	3082019	3114789	1.02	cps
Molybdenum	98-1	7944220	7978892	7802198	7908437	1.18	cps
Neodymium	150-1	113	100	87	100	13.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	267696	265530	265154	266127	0.52	cps
Phosphorus	31-2	8044	8136	8503	8228	2.95	cps
Potassium	39-2	647536	646165	638640	644114	0.74	cps
Rhodium	103-1	2749753	2735515	2780635	2755301	0.84	cps
Rhodium	103-2	1176596	1159690	1175500	1170595	0.81	cps
Scandium	45-1	2560177	2592742	2630907	2594609	1.36	cps
Scandium	45-2	39375	39399	39569	39448	0.27	cps
Selenium	77-2	520	513	550	528	3.70	cps
Selenium	78-2	1772	1785	1698	1752	2.68	cps
Selenium	82-1	38994	38838	37973	38602	1.42	cps
Silicon	28-1	2447131	2475951	2451785	2458289	0.63	cps
Silver	109-1	2266701	2283904	2280136	2276914	0.40	cps
Silver	107-1	2415549	2432695	2442082	2430108	0.55	cps
Sodium	23-2	4779674	4755788	4735176	4756879	0.47	cps
Strontium	86-1	653077	642930	647851	647952	0.78	cps
Strontium	88-1	5637200	5674931	5629372	5647167	0.43	cps
Sulfur	34-1	720304	707937	703897	710713	1.20	cps
Terbium	159-1	2815942	2847800	2875615	2846452	1.05	cps
Terbium	159-2	1090428	1087769	1092707	1090301	0.23	cps
Thallium	203-1	1057816	1065998	1058840	1060885	0.42	cps
Thallium	205-1	2560019	2597994	2581767	2579926	0.74	cps
Tin	118-1	1412681	1400502	1391343	1401509	0.76	cps
Titanium	47-1	1878333	1883639	1863716	1875230	0.55	cps
Uranium	238-1	3182930	3236905	3152231	3190688	1.34	cps
Vanadium	51-2	360155	357871	352547	356858	1.09	cps
Yttrium	89-1	3312838	3333841	3443096	3363258	2.08	cps
Yttrium	89-2	206760	207585	207499	207281	0.22	cps
Zinc	66-2	172590	170734	173312	172212	0.77	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:53:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3468769	3442380	3477727	3462959	0.53	cps
Zirconium	91-1	762661	763986	768135	764927	0.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190172	188986	190165	189774	0.36	cps
Antimony	121-1	4190525	4139161	4152491	4160726	0.64	cps
Arsenic	75-2	127659	127637	127710	127669	0.03	cps
Barium	135-1	4056984	3956496	4004362	4005947	1.25	cps
Barium	137-1	6792060	6667219	6678844	6712708	1.03	cps
Beryllium	9-1	902614	880918	878673	887402	1.49	cps
Bismuth	209-1	1362623	1456063	1438185	1418957	3.50	cps
Bismuth	209-2	717746	726015	751877	731880	2.43	cps
Boron	10-1	127344	128841	128336	128173	0.59	cps
Boron	11-1	644806	648285	642774	645288	0.43	cps
Cadmium	111-1	961860	937837	941013	946903	1.38	cps
Cadmium	106-1	100055	99164	100129	99783	0.54	cps
Cadmium	108-1	69030	68155	70324	69170	1.58	cps
Calcium	43-1	1497133	1506589	1489712	1497812	0.56	cps
Calcium	44-1	23834394	23719259	23919443	23824365	0.42	cps
Chromium	52-2	975752	975808	970956	974172	0.29	cps
Cobalt	59-2	1843925	1847252	1841603	1844260	0.15	cps
Copper	63-2	2953695	3013599	2975040	2980778	1.02	cps
Dysprosium	156-1	75	33	83	64	41.93	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	67	33	36	81.06	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	2528462	2680316	2633305	2614027	2.97	cps
Holmium	165-2	1043032	1039607	1087705	1056781	2.54	cps
Indium	115-1	2501662	2648172	2607375	2585736	2.92	cps
Indium	115-2	236728	235425	245995	239383	2.41	cps
Iron	56-2	34242137	34252845	34457973	34317651	0.35	cps
Iron	57-2	853113	854411	861189	856238	0.51	cps
Krypton	83-1	677	620	740	679	8.84	cps
Lead	206-1	1720332	1650648	1652400	1674460	2.37	cps
Lead	207-1	1524614	1505185	1498504	1509434	0.90	cps
Lead	208-1	6974997	6863519	6835448	6891321	1.07	cps
Lithium	6-1	433421	445501	436594	438505	1.43	cps
Magnesium	24-2	4196517	4253676	4222074	4224089	0.68	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	620184	622082	623126	621797	0.24	cps
Molybdenum	94-1	8190541	8174859	8151790	8172397	0.24	cps
Molybdenum	95-1	10092749	9967125	10205668	10088514	1.18	cps
Molybdenum	96-1	11075003	10975025	11100852	11050293	0.60	cps
Molybdenum	97-1	6166088	5981859	6085267	6077738	1.52	cps
Molybdenum	98-1	15785217	15584876	15877926	15749340	0.95	cps
Neodymium	150-1	147	207	180	178	16.91	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	527050	528498	524952	526833	0.34	cps
Phosphorus	31-2	16761	17069	17011	16947	0.97	cps
Potassium	39-2	1309480	1316601	1324416	1316832	0.57	cps
Rhodium	103-1	2617565	2750778	2765686	2711343	3.01	cps
Rhodium	103-2	1149076	1149767	1198993	1165945	2.45	cps
Scandium	45-1	2499982	2626801	2611282	2579355	2.68	cps
Scandium	45-2	39472	40137	42397	40669	3.77	cps
Selenium	77-2	1090	1150	1020	1087	5.99	cps
Selenium	78-2	3510	3476	3693	3560	3.28	cps
Selenium	82-1	76858	76946	76769	76858	0.12	cps
Silicon	28-1	3915107	3998058	3941778	3951647	1.07	cps
Silver	109-1	4497164	4432540	4418626	4449443	0.94	cps
Silver	107-1	4771911	4714255	4734482	4740216	0.62	cps
Sodium	23-2	9337885	9355340	9304449	9332558	0.28	cps
Strontium	86-1	1303035	1290169	1289608	1294270	0.59	cps
Strontium	88-1	11136351	11094676	11201825	11144284	0.48	cps
Sulfur	34-1	912668	906773	901379	906940	0.62	cps
Terbium	159-1	2685483	2868210	2848286	2800660	3.58	cps
Terbium	159-2	1067277	1076100	1118802	1087393	2.53	cps
Thallium	203-1	2107282	2116853	2097099	2107078	0.47	cps
Thallium	205-1	4996208	5041254	4942435	4993299	0.99	cps
Tin	118-1	2802603	2768928	2817860	2796464	0.90	cps
Titanium	47-1	3721747	3660948	3670362	3684353	0.89	cps
Uranium	238-1	6181520	6158692	6061042	6133752	1.04	cps
Vanadium	51-2	721379	713596	720011	718329	0.58	cps
Yttrium	89-1	3208539	3441659	3415572	3355256	3.81	cps
Yttrium	89-2	206128	204762	217658	209516	3.38	cps
Zinc	66-2	340174	340215	338611	339667	0.27	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 11:57:24	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6924823	6822404	6864510	6870579	0.75	cps
Zirconium	91-1	1600679	1568215	1580645	1583180	1.03	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	990335	982552	982607	985165	0.45	cps
Antimony	121-1	5785	5718	5718	5740	0.67	cps
Arsenic	75-2	209	172	206	196	10.42	cps
Barium	135-1	608	558	425	531	17.86	cps
Barium	137-1	933	692	875	833	15.13	cps
Beryllium	9-1	123	63	53	80	47.33	cps
Bismuth	209-1	1313925	1216229	1181529	1237227	5.55	cps
Bismuth	209-2	611698	623659	622926	619428	1.08	cps
Boron	10-1	2142	1884	1934	1986	6.90	cps
Boron	11-1	11438	9946	9520	10301	9.78	cps
Cadmium	111-1	711	647	590	649	9.31	cps
Cadmium	106-1	808	800	717	775	6.54	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Calcium	43-1	7410866	7352595	7275284	7346248	0.93	cps
Calcium	44-1	118474322	117201462	118331575	118002453	0.59	cps
Chromium	52-2	10681	10474	10191	10449	2.36	cps
Cobalt	59-2	21737	21607	21574	21639	0.40	cps
Copper	63-2	4658	4624	4674	4652	0.55	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	2507498	2320109	2247080	2358229	5.70	cps
Holmium	165-2	954407	963686	969304	962466	0.78	cps
Indium	115-1	2674822	2490275	2421544	2528880	5.18	cps
Indium	115-2	234976	238716	242127	238606	1.50	cps
Iron	56-2	172385271	167744815	167818782	169316289	1.57	cps
Iron	57-2	4290069	4194685	4252079	4245611	1.13	cps
Krypton	83-1	680	650	603	644	5.99	cps
Lead	206-1	3351	2773	2200	2774	20.73	cps
Lead	207-1	2667	2367	1861	2298	17.72	cps
Lead	208-1	12447	10296	8629	10458	18.30	cps
Lithium	6-1	421046	403237	386116	403466	4.33	cps
Magnesium	24-2	19907021	19939039	19743184	19863081	0.53	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:00:55	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3224	2884	3210	3106	6.20	cps
Molybdenum	94-1	4017	3509	3742	3756	6.78	cps
Molybdenum	95-1	5293	4809	4893	4998	5.17	cps
Molybdenum	96-1	6335	6052	5643	6010	5.79	cps
Molybdenum	97-1	3576	3226	3284	3362	5.58	cps
Molybdenum	98-1	8386	7644	7569	7867	5.74	cps
Neodymium	150-1	47	73	93	71	32.92	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	7392	7215	7375	7328	1.33	cps
Phosphorus	31-2	8	33	58	33	75.02	cps
Potassium	39-2	6619484	6574911	6618152	6604182	0.38	cps
Rhodium	103-1	2656983	2479120	2466033	2534045	4.21	cps
Rhodium	103-2	1071071	1080764	1095034	1082290	1.11	cps
Scandium	45-1	2596643	2509576	2477541	2527920	2.44	cps
Scandium	45-2	39211	40164	40752	40043	1.94	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-69	-60	5	-41	-98.36	cps
Silicon	28-1	464251	466668	455560	462160	1.26	cps
Silver	109-1	1425	992	992	1136	22.02	cps
Silver	107-1	1392	1383	1175	1317	9.32	cps
Sodium	23-2	47291147	47074415	46449132	46938231	0.93	cps
Strontium	86-1	6277	5643	6193	6038	5.70	cps
Strontium	88-1	44724	44766	45084	44858	0.44	cps
Sulfur	34-1	440011	442028	436839	439626	0.60	cps
Terbium	159-1	2675256	2545705	2495848	2572270	3.60	cps
Terbium	159-2	986960	987637	1005373	993323	1.05	cps
Thallium	203-1	417	275	308	333	22.22	cps
Thallium	205-1	667	750	617	678	9.94	cps
Tin	118-1	2700	2525	2542	2589	3.73	cps
Titanium	47-1	3200	742	858	1600	86.68	cps
Uranium	238-1	417	267	183	289	40.93	cps
Vanadium	51-2	127	147	177	150	16.78	cps
Yttrium	89-1	3353218	3162599	3162678	3226165	3.41	cps
Yttrium	89-2	205865	206451	207106	206474	0.30	cps
Zinc	66-2	3300	3394	3360	3352	1.41	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1934	1717	1825	1825	5.94	cps
Zirconium	91-1	417	342	375	378	9.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5292	5265	5000	5186	3.12	cps
Antimony	121-1	706921	701358	691916	700065	1.08	cps
Arsenic	75-2	24414	24401	24299	24372	0.26	cps
Barium	135-1	69140	68436	66727	68101	1.82	cps
Barium	137-1	116998	115637	115106	115914	0.84	cps
Beryllium	9-1	73821	73048	72224	73031	1.09	cps
Bismuth	209-1	1179956	1175576	1207956	1187830	1.48	cps
Bismuth	209-2	554871	631568	601410	595950	6.48	cps
Boron	10-1	692	683	642	672	3.99	cps
Boron	11-1	3209	3609	3201	3339	6.99	cps
Cadmium	111-1	85306	84204	83958	84489	0.85	cps
Cadmium	106-1	8370	8870	8436	8559	3.17	cps
Cadmium	108-1	5572	5893	5560	5675	3.33	cps
Calcium	43-1	28606	29017	27888	28504	2.00	cps
Calcium	44-1	506239	501161	498001	501800	0.83	cps
Chromium	52-2	95906	95718	94604	95409	0.74	cps
Cobalt	59-2	179920	176789	177909	178206	0.89	cps
Copper	63-2	150101	150286	147021	149136	1.23	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	50	8	33	31	68.64	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	2169768	2171786	2242477	2194677	1.89	cps
Holmium	165-2	822881	935208	884425	880838	6.39	cps
Indium	115-1	2443228	2420389	2477746	2447121	1.18	cps
Indium	115-2	208041	237818	228222	224694	6.76	cps
Iron	56-2	690218	681317	680787	684107	0.77	cps
Iron	57-2	16888	17189	16838	16972	1.12	cps
Krypton	83-1	567	623	683	624	9.34	cps
Lead	206-1	275270	275131	274363	274921	0.18	cps
Lead	207-1	242374	240474	237954	240267	0.92	cps
Lead	208-1	1100138	1088697	1086939	1091925	0.66	cps
Lithium	6-1	347557	342928	351937	347474	1.30	cps
Magnesium	24-2	48467	47831	48567	48288	0.83	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30520	29882	30139	30181	1.06	cps
Molybdenum	94-1	217	300	300	272	17.67	cps
Molybdenum	95-1	200	183	225	203	10.34	cps
Molybdenum	96-1	308	217	367	297	25.44	cps
Molybdenum	97-1	300	258	258	272	8.84	cps
Molybdenum	98-1	350	225	317	297	21.78	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53325	52535	53282	53047	0.84	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	59501	59862	59761	59708	0.31	cps
Rhodium	103-1	2652557	2637629	2710910	2667032	1.45	cps
Rhodium	103-2	1023680	1158597	1111869	1098048	6.24	cps
Scandium	45-1	2510387	2503089	2563063	2525513	1.30	cps
Scandium	45-2	35752	39653	38613	38006	5.31	cps
Selenium	77-2	167	197	167	177	9.80	cps
Selenium	78-2	663	633	635	644	2.58	cps
Selenium	82-1	14355	14343	14567	14422	0.87	cps
Silicon	28-1	314183	314227	312524	313645	0.31	cps
Silver	109-1	407760	394053	393912	398575	2.00	cps
Silver	107-1	426315	423957	420681	423651	0.67	cps
Sodium	23-2	206789	206181	211667	208212	1.44	cps
Strontium	86-1	4026	3759	3617	3801	5.46	cps
Strontium	88-1	24114	24206	23705	24008	1.11	cps
Sulfur	34-1	414599	408222	412619	411813	0.79	cps
Terbium	159-1	2405542	2343635	2421051	2390076	1.71	cps
Terbium	159-2	863813	963434	928406	918551	5.50	cps
Thallium	203-1	349113	344432	336879	343474	1.80	cps
Thallium	205-1	813131	825771	809321	816074	1.06	cps
Tin	118-1	667	575	625	622	7.38	cps
Titanium	47-1	250	133	108	164	46.14	cps
Uranium	238-1	167	117	200	161	26.03	cps
Vanadium	51-2	69706	68647	68969	69107	0.79	cps
Yttrium	89-1	3164165	3116044	3265957	3182055	2.41	cps
Yttrium	89-2	183129	209993	198986	197369	6.84	cps
Zinc	66-2	33521	34209	33203	33644	1.53	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:06:29	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	400	300	300	333	17.32	cps
Zirconium	91-1	133	158	150	147	8.65	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:10:19 DataFile Name : 015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	215	238	222	6.21	cps
Antimony	121-1	7086	7044	7227	7119	1.35	cps
Arsenic	75-2	126	161	133	140	13.24	cps
Barium	135-1	6944	6685	6527	6719	3.13	cps
Barium	137-1	11489	11455	11614	11519	0.73	cps
Beryllium	9-1	827	740	697	754	8.77	cps
Bismuth	209-1	1167260	1151163	1155116	1157846	0.72	cps
Bismuth	209-2	592862	598082	639261	610068	4.17	cps
Boron	10-1	2992	2717	2600	2770	7.26	cps
Boron	11-1	13849	15017	14850	14572	4.33	cps
Cadmium	111-1	1291	1381	1324	1332	3.42	cps
Cadmium	106-1	783	700	883	789	11.64	cps
Cadmium	108-1	58	108	46	71	46.69	cps
Calcium	43-1	6742	6745	7255	6914	4.27	cps
Calcium	44-1	153443	154598	155415	154485	0.64	cps
Chromium	52-2	4151	3934	3817	3967	4.27	cps
Cobalt	59-2	1790	1727	1830	1782	2.92	cps
Copper	63-2	3454	3434	3607	3498	2.71	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	2137158	2109395	2143578	2130043	0.85	cps
Holmium	165-2	882086	882455	936382	900308	3.47	cps
Indium	115-1	2425424	2384170	2361338	2390311	1.36	cps
Indium	115-2	223809	225783	242050	230547	4.34	cps
Iron	56-2	39239	40052	38114	39135	2.49	cps
Iron	57-2	939	906	1111	985	11.20	cps
Krypton	83-1	677	710	580	656	10.30	cps
Lead	206-1	1400	1411	1550	1454	5.75	cps
Lead	207-1	1222	1361	1411	1332	7.35	cps
Lead	208-1	6001	5962	6312	6092	3.15	cps
Lithium	6-1	336261	337970	335114	336448	0.43	cps
Magnesium	24-2	19739	20441	18379	19520	5.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:10:19	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377	473	377	409	13.65	cps
Molybdenum	94-1	7836	6877	7677	7464	6.89	cps
Molybdenum	95-1	9579	9137	9070	9262	2.98	cps
Molybdenum	96-1	9904	9937	10071	9971	0.89	cps
Molybdenum	97-1	5927	5660	5710	5765	2.46	cps
Molybdenum	98-1	13841	14308	14625	14258	2.77	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	567	663	597	609	8.13	cps
Phosphorus	31-2	42	25	92	53	65.74	cps
Potassium	39-2	19906	19656	19581	19715	0.86	cps
Rhodium	103-1	2576483	2573829	2569411	2573241	0.14	cps
Rhodium	103-2	1090560	1099128	1185233	1124974	4.65	cps
Scandium	45-1	2470720	2424234	2464131	2453028	1.03	cps
Scandium	45-2	37751	38342	40442	38845	3.64	cps
Selenium	77-2	3	17	3	8	99.04	cps
Selenium	78-2	17	24	17	19	22.33	cps
Selenium	82-1	226	204	319	249	24.50	cps
Silicon	28-1	340652	342070	342998	341907	0.35	cps
Silver	109-1	4284	4251	4151	4229	1.64	cps
Silver	107-1	4426	4618	4409	4484	2.58	cps
Sodium	23-2	69286	68231	67737	68418	1.16	cps
Strontium	86-1	1742	1875	1717	1778	4.79	cps
Strontium	88-1	9595	9979	9962	9846	2.20	cps
Sulfur	34-1	411485	409871	411409	410922	0.22	cps
Terbium	159-1	2367004	2294714	2338838	2333519	1.56	cps
Terbium	159-2	922620	919526	978870	940339	3.55	cps
Thallium	203-1	1575	1542	1842	1653	9.95	cps
Thallium	205-1	3901	3409	3726	3679	6.78	cps
Tin	118-1	11664	12273	12648	12195	4.07	cps
Titanium	47-1	3392	3609	3201	3401	6.01	cps
Uranium	238-1	4493	4768	4468	4576	3.64	cps
Vanadium	51-2	3464	3397	3347	3403	1.72	cps
Yttrium	89-1	3144758	3068499	3089025	3100761	1.27	cps
Yttrium	89-2	196465	196900	208791	200719	3.48	cps
Zinc	66-2	313	423	370	369	14.91	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:10:19	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6227	6152	5710	6029	4.63	cps
Zirconium	91-1	1250	1200	1325	1258	5.00	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:13:49 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	23	45	48	55.45	cps
Antimony	121-1	208	317	342	289	24.53	cps
Arsenic	75-2	4	13	17	11	60.13	cps
Barium	135-1	25	0	58	28	105.36	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	23	30	17	23	28.56	cps
Bismuth	209-1	1131855	1189590	1082889	1134778	4.71	cps
Bismuth	209-2	622971	630069	566529	606523	5.74	cps
Boron	10-1	358	367	350	358	2.33	cps
Boron	11-1	2084	1934	1992	2003	3.78	cps
Cadmium	111-1	463	395	458	439	8.64	cps
Cadmium	106-1	658	583	650	631	6.52	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Calcium	43-1	257	273	263	264	3.17	cps
Calcium	44-1	46360	45340	45634	45778	1.15	cps
Chromium	52-2	2187	2277	2164	2209	2.71	cps
Cobalt	59-2	63	97	83	81	20.69	cps
Copper	63-2	803	690	710	734	8.24	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	25	33	42	33	25.00	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	2096474	2193685	1958530	2082896	5.67	cps
Holmium	165-2	922207	925623	828933	892255	6.15	cps
Indium	115-1	2326547	2466034	2246131	2346237	4.74	cps
Indium	115-2	233850	234729	209501	226027	6.33	cps
Iron	56-2	5251	5290	5184	5242	1.02	cps
Iron	57-2	150	156	150	152	2.11	cps
Krypton	83-1	693	613	640	649	6.28	cps
Lead	206-1	144	122	150	139	10.58	cps
Lead	207-1	111	172	117	133	25.34	cps
Lead	208-1	478	561	517	519	8.04	cps
Lithium	6-1	329748	341074	317052	329291	3.65	cps
Magnesium	24-2	508	492	508	503	1.91	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:13:49	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	87	83	97	20.98	cps
Molybdenum	94-1	125	108	142	125	13.33	cps
Molybdenum	95-1	58	25	67	50	44.10	cps
Molybdenum	96-1	67	83	75	75	11.11	cps
Molybdenum	97-1	133	200	175	169	19.88	cps
Molybdenum	98-1	133	67	75	92	39.63	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	140	117	124	10.82	cps
Phosphorus	31-2	0	17	33	17	100.00	cps
Potassium	39-2	7402	7152	7144	7233	2.03	cps
Rhodium	103-1	2494823	2656334	2433980	2528379	4.54	cps
Rhodium	103-2	1146963	1159101	1016272	1107445	7.15	cps
Scandium	45-1	2366197	2502935	2268922	2379351	4.94	cps
Scandium	45-2	39492	39623	35548	38221	6.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-188	-96	-142	-142	-32.45	cps
Silicon	28-1	311102	312642	313552	312432	0.40	cps
Silver	109-1	167	175	200	181	9.61	cps
Silver	107-1	300	258	283	281	7.48	cps
Sodium	23-2	22377	23537	22469	22794	2.83	cps
Strontium	86-1	900	925	742	856	11.62	cps
Strontium	88-1	58	75	33	56	37.75	cps
Sulfur	34-1	409858	416327	415390	413858	0.84	cps
Terbium	159-1	2274052	2382220	2161165	2272479	4.86	cps
Terbium	159-2	962152	959197	858557	926635	6.36	cps
Thallium	203-1	25	17	42	28	45.82	cps
Thallium	205-1	42	50	25	39	32.73	cps
Tin	118-1	217	142	183	181	20.81	cps
Titanium	47-1	117	58	108	94	33.40	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	27	30	17	24	28.38	cps
Yttrium	89-1	2977788	3148852	2856233	2994291	4.91	cps
Yttrium	89-2	204308	207089	180354	197251	7.45	cps
Zinc	66-2	60	43	53	52	16.07	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:13:49	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	142	192	217	183	20.83	cps
Zirconium	91-1	67	67	50	61	15.75	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833586	831861	824345	829931	0.59	cps
Antimony	121-1	4743	4860	4934	4846	1.99	cps
Arsenic	75-2	48	74	43	55	30.59	cps
Barium	135-1	983	942	950	958	2.30	cps
Barium	137-1	1534	1767	1784	1695	8.25	cps
Beryllium	9-1	227	203	237	222	7.70	cps
Bismuth	209-1	1201395	1189303	1161132	1183943	1.74	cps
Bismuth	209-2	584170	590760	601470	592133	1.47	cps
Boron	10-1	375	383	317	358	10.14	cps
Boron	11-1	1909	1875	1734	1839	5.05	cps
Cadmium	111-1	781	732	753	755	3.27	cps
Cadmium	106-1	750	683	717	717	4.65	cps
Cadmium	108-1	646	596	588	610	5.17	cps
Calcium	43-1	1406558	1382330	1376312	1388400	1.15	cps
Calcium	44-1	22046974	22091253	22099952	22079393	0.13	cps
Chromium	52-2	20559	19731	20822	20371	2.80	cps
Cobalt	59-2	2107	2070	1950	2042	4.01	cps
Copper	63-2	13430	13323	13473	13409	0.58	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	2328416	2272134	2231072	2277207	2.15	cps
Holmium	165-2	899291	907485	921650	909476	1.24	cps
Indium	115-1	2480533	2446849	2397684	2441689	1.71	cps
Indium	115-2	222868	223483	223750	223367	0.20	cps
Iron	56-2	64767926	64180818	64354401	64434382	0.47	cps
Iron	57-2	1626152	1621553	1640739	1629481	0.61	cps
Krypton	83-1	660	527	623	603	11.42	cps
Lead	206-1	6624	6780	6652	6685	1.24	cps
Lead	207-1	5540	5129	5813	5494	6.26	cps
Lead	208-1	25594	24982	25789	25455	1.65	cps
Lithium	6-1	343252	346196	337610	342353	1.27	cps
Magnesium	24-2	3793060	3746542	3782003	3773869	0.64	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2447	2324	2314	2361	3.15	cps
Molybdenum	94-1	2073201	2039618	2096077	2069632	1.37	cps
Molybdenum	95-1	3666212	3621535	3641823	3643190	0.61	cps
Molybdenum	96-1	3799939	3812313	3809149	3807134	0.17	cps
Molybdenum	97-1	2206191	2229339	2188022	2207851	0.94	cps
Molybdenum	98-1	5645665	5629127	5666832	5647208	0.33	cps
Neodymium	150-1	20	53	13	29	74.20	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2937	2774	2620	2777	5.70	cps
Phosphorus	31-2	79147	77630	78477	78418	0.97	cps
Potassium	39-2	2488226	2479327	2491298	2486284	0.25	cps
Rhodium	103-1	2616037	2583963	2539942	2579981	1.48	cps
Rhodium	103-2	1055722	1070728	1091845	1072765	1.69	cps
Scandium	45-1	2525684	2530430	2461211	2505775	1.54	cps
Scandium	45-2	37741	37684	38339	37921	0.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-83	39	-57	-34	-190.10	cps
Silicon	28-1	418701	414427	415409	416179	0.54	cps
Silver	109-1	2934	2750	2625	2770	5.60	cps
Silver	107-1	3251	3034	3217	3167	3.68	cps
Sodium	23-2	8756141	8854718	8686869	8765909	0.96	cps
Strontium	86-1	40829	40954	41640	41141	1.06	cps
Strontium	88-1	349450	345751	342782	345994	0.97	cps
Sulfur	34-1	2091707	2043170	2059963	2064947	1.19	cps
Terbium	159-1	2495394	2492280	2448444	2478706	1.06	cps
Terbium	159-2	930255	941295	949279	940276	1.02	cps
Thallium	203-1	67	67	58	64	7.53	cps
Thallium	205-1	183	83	133	133	37.50	cps
Tin	118-1	683	658	683	675	2.14	cps
Titanium	47-1	1388345	1406475	1401477	1398766	0.67	cps
Uranium	238-1	83	58	142	94	45.27	cps
Vanadium	51-2	120	100	93	104	13.28	cps
Yttrium	89-1	3272409	3215873	3109443	3199242	2.59	cps
Yttrium	89-2	194644	193689	198269	195534	1.24	cps
Zinc	66-2	2490	2330	2334	2385	3.83	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:17:20	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	267	350	328	16.35	cps
Zirconium	91-1	83	50	50	61	31.50	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833048	823187	826012	827415	0.61	cps
Antimony	121-1	77568	75874	74022	75821	2.34	cps
Arsenic	75-2	2397	2424	2332	2384	1.99	cps
Barium	135-1	15285	15476	14208	14990	4.56	cps
Barium	137-1	25417	25818	25425	25553	0.90	cps
Beryllium	9-1	15248	14811	14998	15019	1.46	cps
Bismuth	209-1	1180167	1193322	1183837	1185776	0.57	cps
Bismuth	209-2	593007	610736	606212	603318	1.53	cps
Boron	10-1	6393	6427	6410	6410	0.26	cps
Boron	11-1	31937	31219	32421	31859	1.90	cps
Cadmium	111-1	17898	17772	17703	17791	0.56	cps
Cadmium	106-1	2875	2934	3042	2950	2.87	cps
Cadmium	108-1	1871	1746	2000	1872	6.79	cps
Calcium	43-1	1398828	1377732	1381991	1386184	0.80	cps
Calcium	44-1	22131502	21988446	22363264	22161071	0.85	cps
Chromium	52-2	39004	38737	38697	38813	0.43	cps
Cobalt	59-2	36478	36769	36251	36499	0.71	cps
Copper	63-2	42164	42040	42595	42267	0.69	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	33	8	75	39	86.61	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	2220882	2295604	2275331	2263939	1.71	cps
Holmium	165-2	902362	930820	922503	918562	1.59	cps
Indium	115-1	2422242	2449085	2411245	2427524	0.80	cps
Indium	115-2	217478	221971	224309	221252	1.57	cps
Iron	56-2	64702468	64372885	64294179	64456511	0.34	cps
Iron	57-2	1617086	1639379	1618764	1625076	0.76	cps
Krypton	83-1	697	670	587	651	8.81	cps
Lead	206-1	35723	34882	34364	34990	1.96	cps
Lead	207-1	29713	28783	29279	29258	1.59	cps
Lead	208-1	136463	134373	135413	135416	0.77	cps
Lithium	6-1	347360	351774	346724	348619	0.79	cps
Magnesium	24-2	3809266	3822460	3776807	3802844	0.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8276	7962	8353	8197	2.52	cps
Molybdenum	94-1	2279885	2240606	2285630	2268707	1.08	cps
Molybdenum	95-1	3758301	3725769	3754741	3746271	0.48	cps
Molybdenum	96-1	3947149	3944266	4037438	3976285	1.33	cps
Molybdenum	97-1	2266152	2271742	2302550	2280148	0.86	cps
Molybdenum	98-1	5834880	5779603	5947230	5853904	1.46	cps
Neodymium	150-1	47	13	20	27	66.16	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	12736	12960	12996	12897	1.09	cps
Phosphorus	31-2	78350	77797	76960	77702	0.90	cps
Potassium	39-2	2515170	2473057	2435971	2474733	1.60	cps
Rhodium	103-1	2510776	2601977	2519511	2544088	1.98	cps
Rhodium	103-2	1053916	1069844	1078388	1067383	1.16	cps
Scandium	45-1	2465693	2516482	2480366	2487514	1.05	cps
Scandium	45-2	37219	37978	37707	37635	1.02	cps
Selenium	77-2	20	7	17	14	48.02	cps
Selenium	78-2	87	74	50	70	26.71	cps
Selenium	82-1	1237	1250	1443	1310	8.82	cps
Silicon	28-1	596668	597498	597422	597196	0.08	cps
Silver	109-1	78580	77667	77975	78074	0.59	cps
Silver	107-1	83030	83241	84431	83567	0.90	cps
Sodium	23-2	8775941	8784396	8633924	8731420	0.97	cps
Strontium	86-1	107234	104348	104708	105430	1.49	cps
Strontium	88-1	902272	893527	899752	898517	0.50	cps
Sulfur	34-1	2047365	2064796	2031123	2047761	0.82	cps
Terbium	159-1	2451017	2484237	2438645	2457966	0.96	cps
Terbium	159-2	938935	957326	954900	950387	1.05	cps
Thallium	203-1	33846	35016	35100	34654	2.02	cps
Thallium	205-1	83524	82745	81773	82681	1.06	cps
Tin	118-1	127267	127259	128329	127618	0.48	cps
Titanium	47-1	1445660	1426978	1441948	1438196	0.69	cps
Uranium	238-1	263735	264437	264575	264249	0.17	cps
Vanadium	51-2	13266	13477	13477	13407	0.91	cps
Yttrium	89-1	3128325	3202969	3173888	3168394	1.19	cps
Yttrium	89-2	192380	195511	195959	194617	1.00	cps
Zinc	66-2	5598	5314	5541	5485	2.73	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:20:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	344447	344348	345343	344712	0.16	cps
Zirconium	91-1	77638	76817	77872	77442	0.72	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514449	516272	517792	516171	0.32	cps
Antimony	121-1	1975679	1955220	1925121	1952007	1.30	cps
Arsenic	75-2	63817	64477	64533	64276	0.62	cps
Barium	135-1	1878036	1885591	1872209	1878612	0.36	cps
Barium	137-1	3207569	3169439	3150806	3175938	0.91	cps
Beryllium	9-1	388193	388620	396217	391010	1.15	cps
Bismuth	209-1	1160992	1188662	1167171	1172275	1.24	cps
Bismuth	209-2	639892	624296	630583	631590	1.24	cps
Boron	10-1	54045	56069	56638	55584	2.45	cps
Boron	11-1	276150	283489	288485	282708	2.19	cps
Cadmium	111-1	442657	441011	441375	441681	0.20	cps
Cadmium	106-1	47627	48153	48706	48162	1.12	cps
Cadmium	108-1	31884	33258	31921	32354	2.42	cps
Calcium	43-1	3594948	3591707	3600930	3595862	0.13	cps
Calcium	44-1	57525109	57075782	57567361	57389417	0.47	cps
Chromium	52-2	501461	504669	499134	501755	0.55	cps
Cobalt	59-2	904826	917341	915868	912678	0.75	cps
Copper	63-2	1460650	1455530	1463026	1459736	0.26	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	25	0	42	22	94.38	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2240145	2348837	2251476	2280153	2.62	cps
Holmium	165-2	986990	945959	962665	965205	2.14	cps
Indium	115-1	2407084	2457300	2367857	2410747	1.86	cps
Indium	115-2	234967	229057	230137	231387	1.36	cps
Iron	56-2	85430705	86501788	85790955	85907816	0.63	cps
Iron	57-2	2150846	2179002	2183714	2171187	0.82	cps
Krypton	83-1	640	727	600	656	9.88	cps
Lead	206-1	713244	718701	710471	714138	0.59	cps
Lead	207-1	640501	642575	648736	643937	0.67	cps
Lead	208-1	2879956	2890753	2892832	2887847	0.24	cps
Lithium	6-1	333017	346229	339705	339651	1.95	cps
Magnesium	24-2	10084013	10155679	10207482	10149058	0.61	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	315195	318267	317083	316848	0.49	cps
Molybdenum	94-1	3996682	3984517	4007176	3996125	0.28	cps
Molybdenum	95-1	4965506	4983166	4940075	4962916	0.44	cps
Molybdenum	96-1	5445231	5401634	5356445	5401103	0.82	cps
Molybdenum	97-1	3043787	2989150	3025036	3019324	0.92	cps
Molybdenum	98-1	7615393	7690510	7667677	7657860	0.50	cps
Neodymium	150-1	67	87	100	84	19.87	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	267499	268770	269381	268550	0.36	cps
Phosphorus	31-2	8119	8953	9003	8692	5.71	cps
Potassium	39-2	3295719	3358231	3385362	3346437	1.37	cps
Rhodium	103-1	2430454	2586505	2498861	2505273	3.12	cps
Rhodium	103-2	1125357	1089206	1097765	1104109	1.71	cps
Scandium	45-1	2486410	2564727	2486085	2512407	1.80	cps
Scandium	45-2	41164	39803	40843	40603	1.75	cps
Selenium	77-2	527	510	553	530	4.12	cps
Selenium	78-2	1752	1848	1863	1821	3.31	cps
Selenium	82-1	37383	37087	37736	37402	0.87	cps
Silicon	28-1	2057550	2084022	2116826	2086133	1.42	cps
Silver	109-1	2114307	2124176	2096135	2111539	0.67	cps
Silver	107-1	2262224	2245864	2228447	2245512	0.75	cps
Sodium	23-2	23494729	23569245	23720806	23594927	0.49	cps
Strontium	86-1	635345	634342	636023	635237	0.13	cps
Strontium	88-1	5582188	5529578	5479227	5530331	0.93	cps
Sulfur	34-1	639227	637818	640161	639069	0.18	cps
Terbium	159-1	2393819	2499383	2442661	2445288	2.16	cps
Terbium	159-2	1007599	985740	985358	992899	1.28	cps
Thallium	203-1	882124	892895	891781	888933	0.67	cps
Thallium	205-1	2167770	2174677	2176795	2173081	0.22	cps
Tin	118-1	1291045	1289395	1283645	1288028	0.30	cps
Titanium	47-1	1893302	1868465	1881020	1880929	0.66	cps
Uranium	238-1	2686732	2640997	2685523	2671084	0.98	cps
Vanadium	51-2	372778	372393	371072	372081	0.24	cps
Yttrium	89-1	3108720	3244270	3130456	3161148	2.30	cps
Yttrium	89-2	211429	202618	205602	206549	2.17	cps
Zinc	66-2	170787	169582	169849	170073	0.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:24:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3460896	3413996	3411633	3428841	0.81	cps
Zirconium	91-1	754077	747839	744089	748668	0.67	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:27:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	53	58	67	30.54	cps
Antimony	121-1	942	1100	1167	1070	10.81	cps
Arsenic	75-2	9	7	11	9	19.98	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	50	8	50	36	66.62	cps
Beryllium	9-1	57	50	43	50	13.34	cps
Bismuth	209-1	1277600	1265061	1253882	1265515	0.94	cps
Bismuth	209-2	670577	654928	650957	658821	1.57	cps
Boron	10-1	975	1017	917	970	5.18	cps
Boron	11-1	4734	4151	3942	4276	9.60	cps
Cadmium	111-1	549	515	465	510	8.31	cps
Cadmium	106-1	775	725	675	725	6.90	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	273	323	280	292	9.29	cps
Calcium	44-1	50414	50052	50076	50181	0.40	cps
Chromium	52-2	2164	2207	2160	2177	1.20	cps
Cobalt	59-2	117	70	87	91	25.96	cps
Copper	63-2	1273	1250	1220	1248	2.14	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	33	0	19	89.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	2319436	2345741	2286651	2317276	1.28	cps
Holmium	165-2	970909	940416	947430	952918	1.68	cps
Indium	115-1	2517116	2522846	2523560	2521174	0.14	cps
Indium	115-2	240582	234621	232302	235835	1.81	cps
Iron	56-2	5846	5312	5257	5472	5.94	cps
Iron	57-2	139	189	167	165	15.20	cps
Krypton	83-1	680	627	630	646	4.63	cps
Lead	206-1	517	467	328	437	22.39	cps
Lead	207-1	467	361	400	409	13.04	cps
Lead	208-1	1878	1789	1522	1730	10.70	cps
Lithium	6-1	375832	378787	372557	375726	0.83	cps
Magnesium	24-2	450	500	392	447	12.12	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:27:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	77	120	106	23.70	cps
Molybdenum	94-1	483	383	425	431	11.67	cps
Molybdenum	95-1	475	375	467	439	12.64	cps
Molybdenum	96-1	400	467	442	436	7.72	cps
Molybdenum	97-1	358	350	375	361	3.52	cps
Molybdenum	98-1	658	542	675	625	11.62	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	150	117	138	13.32	cps
Phosphorus	31-2	33	17	0	17	99.99	cps
Potassium	39-2	8386	8611	8303	8433	1.89	cps
Rhodium	103-1	2695700	2699842	2694664	2696735	0.10	cps
Rhodium	103-2	1168045	1139075	1132838	1146653	1.64	cps
Scandium	45-1	2536226	2554228	2498872	2529775	1.12	cps
Scandium	45-2	40187	37781	38523	38830	3.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-120	-81	-50	-83	-41.88	cps
Silicon	28-1	335789	333897	330072	333253	0.87	cps
Silver	109-1	492	525	450	489	7.69	cps
Silver	107-1	458	442	483	461	4.55	cps
Sodium	23-2	27001	27528	26417	26982	2.06	cps
Strontium	86-1	1067	908	950	975	8.42	cps
Strontium	88-1	100	133	142	125	17.64	cps
Sulfur	34-1	408899	412069	403903	408291	1.01	cps
Terbium	159-1	2485254	2541111	2486302	2504222	1.28	cps
Terbium	159-2	1003525	972160	978472	984719	1.68	cps
Thallium	203-1	150	100	83	111	31.22	cps
Thallium	205-1	367	233	292	297	22.49	cps
Tin	118-1	325	308	292	308	5.40	cps
Titanium	47-1	225	142	150	172	26.65	cps
Uranium	238-1	33	67	25	42	52.92	cps
Vanadium	51-2	53	10	40	34	64.43	cps
Yttrium	89-1	3190936	3268395	3180261	3213197	1.50	cps
Yttrium	89-2	204349	203098	200043	202497	1.09	cps
Zinc	66-2	37	47	33	39	17.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:27:25	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	300	233	258	14.06	cps
Zirconium	91-1	67	83	42	64	32.83	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245	215	263	241	9.97	cps
Antimony	121-1	7619	7211	7002	7277	4.31	cps
Arsenic	75-2	120	122	137	127	7.22	cps
Barium	135-1	7286	7002	7369	7219	2.66	cps
Barium	137-1	11439	11964	11989	11797	2.64	cps
Beryllium	9-1	797	787	790	791	0.64	cps
Bismuth	209-1	1274346	1239560	1247914	1253940	1.45	cps
Bismuth	209-2	651772	657360	651061	653397	0.53	cps
Boron	10-1	3109	2984	2842	2978	4.48	cps
Boron	11-1	15025	14391	14783	14733	2.17	cps
Cadmium	111-1	1258	1283	1376	1305	4.75	cps
Cadmium	106-1	692	750	858	767	11.03	cps
Cadmium	108-1	79	67	54	67	18.75	cps
Calcium	43-1	6985	6989	7115	7030	1.05	cps
Calcium	44-1	159917	155580	155580	157025	1.59	cps
Chromium	52-2	3874	4114	3921	3970	3.21	cps
Cobalt	59-2	1920	1773	1894	1862	4.20	cps
Copper	63-2	3777	3901	3817	3832	1.64	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	33	17	19	65.48	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	2324296	2299276	2263676	2295750	1.33	cps
Holmium	165-2	958164	958432	946499	954365	0.71	cps
Indium	115-1	2564917	2448786	2475733	2496478	2.43	cps
Indium	115-2	235317	236455	230904	234225	1.25	cps
Iron	56-2	38905	39038	39484	39142	0.77	cps
Iron	57-2	961	1045	1028	1011	4.36	cps
Krypton	83-1	643	637	687	656	4.14	cps
Lead	206-1	1739	1622	1661	1674	3.55	cps
Lead	207-1	1361	1150	1456	1322	11.83	cps
Lead	208-1	6584	6117	6329	6343	3.68	cps
Lithium	6-1	377447	372159	370655	373420	0.96	cps
Magnesium	24-2	20374	20332	20173	20293	0.52	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	370	357	376	5.91	cps
Molybdenum	94-1	7436	7436	7469	7447	0.26	cps
Molybdenum	95-1	9554	9287	9204	9348	1.96	cps
Molybdenum	96-1	10021	10446	10363	10277	2.19	cps
Molybdenum	97-1	6268	5693	5743	5902	5.40	cps
Molybdenum	98-1	15334	14500	15484	15106	3.51	cps
Neodymium	150-1	7	40	0	16	137.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	600	687	667	651	6.97	cps
Phosphorus	31-2	117	108	33	86	53.30	cps
Potassium	39-2	19439	19981	19915	19779	1.49	cps
Rhodium	103-1	2698901	2661805	2643916	2668208	1.05	cps
Rhodium	103-2	1148117	1153265	1129774	1143719	1.08	cps
Scandium	45-1	2548133	2467246	2452488	2489289	2.07	cps
Scandium	45-2	38392	38189	37965	38182	0.56	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	26	17	17	20	27.06	cps
Selenium	82-1	273	277	257	269	4.00	cps
Silicon	28-1	370017	361734	365750	365833	1.13	cps
Silver	109-1	4659	4351	4576	4529	3.52	cps
Silver	107-1	4985	4718	4826	4843	2.77	cps
Sodium	23-2	66942	67419	66179	66847	0.94	cps
Strontium	86-1	1859	2009	1892	1920	4.10	cps
Strontium	88-1	10087	10138	9671	9965	2.57	cps
Sulfur	34-1	422297	420915	415850	419687	0.81	cps
Terbium	159-1	2512366	2502431	2437191	2483996	1.64	cps
Terbium	159-2	988888	991748	981971	987536	0.51	cps
Thallium	203-1	1850	1809	1842	1834	1.20	cps
Thallium	205-1	4468	3959	4418	4281	6.55	cps
Tin	118-1	12164	12073	12156	12131	0.42	cps
Titanium	47-1	3534	3609	3492	3545	1.67	cps
Uranium	238-1	4901	4860	4801	4854	1.03	cps
Vanadium	51-2	3541	3537	3634	3571	1.54	cps
Yttrium	89-1	3229016	3131734	3143945	3168232	1.67	cps
Yttrium	89-2	202269	203156	200927	202117	0.56	cps
Zinc	66-2	383	393	363	380	4.02	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:30:56	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6394	5618	6160	6057	6.57	cps
Zirconium	91-1	1425	1383	1192	1333	9.33	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:36:06 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	60	50	57	10.20	cps
Antimony	121-1	292	150	267	236	32.03	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	17	67	8	31	103.26	cps
Beryllium	9-1	27	17	23	22	22.91	cps
Bismuth	209-1	1258673	1175472	1287553	1240566	4.69	cps
Bismuth	209-2	647242	647783	653606	649544	0.54	cps
Boron	10-1	342	250	408	333	23.85	cps
Boron	11-1	1759	1567	1725	1684	6.08	cps
Cadmium	111-1	523	427	507	486	10.59	cps
Cadmium	106-1	758	608	708	692	11.04	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	247	297	220	254	15.30	cps
Calcium	44-1	45039	44938	45320	45099	0.44	cps
Chromium	52-2	2164	2094	2050	2102	2.72	cps
Cobalt	59-2	80	107	87	91	15.23	cps
Copper	63-2	713	703	707	708	0.72	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	25	42	22	94.38	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	8	17	58	28	96.44	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	2306306	2155347	2362915	2274856	4.72	cps
Holmium	165-2	931602	945970	953689	943753	1.19	cps
Indium	115-1	2486107	2338926	2525607	2450213	4.02	cps
Indium	115-2	230978	235373	233643	233331	0.95	cps
Iron	56-2	4812	4962	4695	4823	2.77	cps
Iron	57-2	150	156	178	161	9.12	cps
Krypton	83-1	697	627	670	664	5.32	cps
Lead	206-1	144	111	217	157	34.28	cps
Lead	207-1	100	94	161	119	31.21	cps
Lead	208-1	578	522	672	591	12.84	cps
Lithium	6-1	371823	356514	377730	368689	2.97	cps
Magnesium	24-2	467	383	517	456	14.79	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BL	Instrumnet Name :	P8
Client Sample ID :	PB116293BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:36:06	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	100	123	126	21.30	cps
Molybdenum	94-1	142	150	183	158	13.92	cps
Molybdenum	95-1	50	67	100	72	35.26	cps
Molybdenum	96-1	42	83	83	69	34.64	cps
Molybdenum	97-1	208	183	167	186	11.27	cps
Molybdenum	98-1	108	133	158	133	18.75	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	97	113	114	16.04	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	6844	7244	7452	7180	4.31	cps
Rhodium	103-1	2700857	2514678	2729416	2648317	4.40	cps
Rhodium	103-2	1122336	1142546	1147815	1137566	1.18	cps
Scandium	45-1	2486785	2366701	2582977	2478821	4.37	cps
Scandium	45-2	38379	38202	38927	38503	0.98	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-199	-90	-90	-126	-50.08	cps
Silicon	28-1	331655	333762	332517	332644	0.32	cps
Silver	109-1	108	175	125	136	25.49	cps
Silver	107-1	167	225	108	167	35.00	cps
Sodium	23-2	22009	21801	21567	21792	1.02	cps
Strontium	86-1	758	833	825	806	5.10	cps
Strontium	88-1	58	42	17	39	53.93	cps
Sulfur	34-1	422187	423660	421151	422333	0.30	cps
Terbium	159-1	2460511	2293446	2560731	2438229	5.54	cps
Terbium	159-2	969921	982794	981996	978237	0.74	cps
Thallium	203-1	83	33	58	58	42.86	cps
Thallium	205-1	183	125	150	153	19.16	cps
Tin	118-1	183	158	192	178	9.76	cps
Titanium	47-1	150	108	150	136	17.67	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	27	17	40	28	42.13	cps
Yttrium	89-1	3170221	2966251	3301073	3145848	5.36	cps
Yttrium	89-2	198395	201800	199665	199953	0.86	cps
Zinc	66-2	60	53	37	50	24.03	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BL	Instrumnet Name :	P8
Client Sample ID :	PB116293BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:36:06	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	200	225	219	7.91	cps
Zirconium	91-1	42	100	17	53	81.02	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95737	97039	95667	96148	0.80	cps
Antimony	121-1	2005419	1998132	1953603	1985718	1.41	cps
Arsenic	75-2	63800	63616	64395	63937	0.64	cps
Barium	135-1	1926553	1904070	1892842	1907822	0.90	cps
Barium	137-1	3238211	3277343	3256790	3257448	0.60	cps
Beryllium	9-1	405400	404204	400088	403231	0.69	cps
Bismuth	209-1	1248561	1261577	1244918	1251686	0.70	cps
Bismuth	209-2	641570	676728	648261	655520	2.85	cps
Boron	10-1	55416	57357	57349	56708	1.97	cps
Boron	11-1	282262	291709	289512	287828	1.72	cps
Cadmium	111-1	453480	454007	452276	453254	0.20	cps
Cadmium	106-1	48221	48940	47134	48098	1.89	cps
Cadmium	108-1	33124	32987	33262	33124	0.42	cps
Calcium	43-1	729570	738190	734516	734092	0.59	cps
Calcium	44-1	11856102	11985304	11910666	11917357	0.54	cps
Chromium	52-2	493720	492294	490609	492208	0.32	cps
Cobalt	59-2	908152	905605	901798	905185	0.35	cps
Copper	63-2	1508625	1488362	1495522	1497503	0.69	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	0	17	132.30	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	2324875	2344703	2370001	2346526	0.96	cps
Holmium	165-2	949196	1014741	960309	974749	3.60	cps
Indium	115-1	2451030	2478801	2491437	2473756	0.84	cps
Indium	115-2	226347	244156	232719	234407	3.85	cps
Iron	56-2	17560625	17312792	17351668	17408362	0.77	cps
Iron	57-2	431179	429628	433835	431547	0.49	cps
Krypton	83-1	660	587	713	653	9.73	cps
Lead	206-1	745014	745621	740529	743721	0.37	cps
Lead	207-1	676010	677870	675550	676477	0.18	cps
Lead	208-1	3026244	3041947	3021773	3029988	0.35	cps
Lithium	6-1	374790	377143	375474	375802	0.32	cps
Magnesium	24-2	2200730	2173556	2188320	2187535	0.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314222	316752	314701	315225	0.43	cps
Molybdenum	94-1	3995158	4026884	3999184	4007075	0.43	cps
Molybdenum	95-1	4917040	5010774	4948047	4958620	0.96	cps
Molybdenum	96-1	5391132	5368528	5416830	5392163	0.45	cps
Molybdenum	97-1	3012081	2982150	3023123	3005785	0.71	cps
Molybdenum	98-1	7622673	7676865	7609680	7636406	0.47	cps
Neodymium	150-1	73	127	107	102	26.35	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	268905	266121	266163	267063	0.60	cps
Phosphorus	31-2	8194	8470	8611	8425	2.52	cps
Potassium	39-2	661555	667478	661411	663481	0.52	cps
Rhodium	103-1	2643498	2634083	2590669	2622750	1.07	cps
Rhodium	103-2	1110281	1187061	1126119	1141154	3.55	cps
Scandium	45-1	2530353	2537984	2512530	2526955	0.52	cps
Scandium	45-2	38750	42250	39422	40141	4.63	cps
Selenium	77-2	583	527	573	561	5.39	cps
Selenium	78-2	1735	1728	1778	1747	1.54	cps
Selenium	82-1	37269	37638	37809	37572	0.74	cps
Silicon	28-1	2069780	2101044	2110496	2093773	1.02	cps
Silver	109-1	2198711	2200388	2160910	2186670	1.02	cps
Silver	107-1	2299267	2331288	2329124	2319893	0.77	cps
Sodium	23-2	4725096	4774660	4782372	4760709	0.65	cps
Strontium	86-1	627925	632522	623551	627999	0.71	cps
Strontium	88-1	5498516	5470974	5470167	5479886	0.29	cps
Sulfur	34-1	651408	649971	641295	647558	0.84	cps
Terbium	159-1	2511350	2508766	2527976	2516031	0.41	cps
Terbium	159-2	987907	1047624	989543	1008358	3.37	cps
Thallium	203-1	923499	930684	933086	929090	0.54	cps
Thallium	205-1	2248279	2302531	2273192	2274667	1.19	cps
Tin	118-1	1306229	1312303	1312658	1310397	0.28	cps
Titanium	47-1	1874799	1855328	1880473	1870200	0.71	cps
Uranium	238-1	2751142	2742633	2728616	2740797	0.42	cps
Vanadium	51-2	358905	362990	358465	360120	0.69	cps
Yttrium	89-1	3219174	3235449	3206220	3220281	0.45	cps
Yttrium	89-2	199912	213378	202846	205379	3.45	cps
Zinc	66-2	171425	171610	170881	171305	0.22	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:39:36	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3372015	3417985	3401358	3397119	0.69	cps
Zirconium	91-1	743661	747899	737786	743115	0.68	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	98	98	97	1.49	cps
Antimony	121-1	1083	858	792	911	16.78	cps
Arsenic	75-2	17	13	24	18	31.60	cps
Barium	135-1	467	542	442	483	10.77	cps
Barium	137-1	983	750	933	889	13.82	cps
Beryllium	9-1	80	47	43	57	35.78	cps
Bismuth	209-1	1429998	1376376	1321358	1375911	3.95	cps
Bismuth	209-2	725547	719920	695291	713586	2.26	cps
Boron	10-1	750	817	733	767	5.75	cps
Boron	11-1	4459	4217	3892	4190	6.79	cps
Cadmium	111-1	696	532	561	596	14.68	cps
Cadmium	106-1	925	733	783	814	12.22	cps
Cadmium	108-1	8	33	29	24	56.74	cps
Calcium	43-1	2667	2757	2710	2711	1.66	cps
Calcium	44-1	84734	84294	83476	84168	0.76	cps
Chromium	52-2	3961	3894	3784	3879	2.30	cps
Cobalt	59-2	147	137	193	159	19.04	cps
Copper	63-2	5184	5048	5178	5137	1.50	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	2632638	2551863	2392108	2525537	4.85	cps
Holmium	165-2	1055024	1043832	1004082	1034313	2.59	cps
Indium	115-1	2905327	2751024	2633137	2763163	4.94	cps
Indium	115-2	264227	257779	250131	257379	2.74	cps
Iron	56-2	13368	12790	12400	12853	3.79	cps
Iron	57-2	317	333	344	331	4.22	cps
Krypton	83-1	673	617	600	630	6.10	cps
Lead	206-1	1017	1050	1006	1024	2.26	cps
Lead	207-1	861	878	756	832	7.97	cps
Lead	208-1	4134	4189	3617	3980	7.93	cps
Lithium	6-1	416468	400471	384623	400521	3.98	cps
Magnesium	24-2	725	783	825	778	6.46	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	390	250	347	329	21.79	cps
Molybdenum	94-1	458	308	333	367	21.92	cps
Molybdenum	95-1	642	533	383	519	24.97	cps
Molybdenum	96-1	517	542	500	519	4.04	cps
Molybdenum	97-1	433	408	358	400	9.55	cps
Molybdenum	98-1	917	725	658	767	17.49	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	323	300	304	5.62	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	7444	7177	7569	7397	2.71	cps
Rhodium	103-1	3068769	2936874	2822825	2942823	4.18	cps
Rhodium	103-2	1296198	1261466	1214556	1257407	3.26	cps
Scandium	45-1	2809232	2743624	2600518	2717791	3.93	cps
Scandium	45-2	42835	42508	41184	42176	2.07	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-96	-76	-38	-70	-41.62	cps
Silicon	28-1	320237	316350	307661	314749	2.05	cps
Silver	109-1	633	400	408	481	27.55	cps
Silver	107-1	558	583	608	583	4.29	cps
Sodium	23-2	299878	300260	296311	298816	0.73	cps
Strontium	86-1	1350	1358	1092	1267	11.97	cps
Strontium	88-1	2392	2084	2234	2236	6.90	cps
Sulfur	34-1	378864	378014	380365	379081	0.31	cps
Terbium	159-1	2835552	2762398	2617551	2738500	4.05	cps
Terbium	159-2	1105104	1082271	1040109	1075828	3.06	cps
Thallium	203-1	42	58	58	53	18.23	cps
Thallium	205-1	217	117	225	186	32.39	cps
Tin	118-1	508	425	483	472	9.06	cps
Titanium	47-1	208	167	250	208	20.00	cps
Uranium	238-1	67	50	42	53	24.12	cps
Vanadium	51-2	40	37	23	33	26.47	cps
Yttrium	89-1	3622049	3483436	3309439	3471641	4.51	cps
Yttrium	89-2	226303	222079	212038	220140	3.33	cps
Zinc	66-2	96781	96486	94154	95807	1.50	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:42:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	367	325	336	7.97	cps
Zirconium	91-1	108	92	92	97	9.90	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	260	238	243	6.02	cps
Antimony	121-1	3342	2475	2709	2842	15.78	cps
Arsenic	75-2	96	81	91	90	8.36	cps
Barium	135-1	125902	127466	128140	127169	0.90	cps
Barium	137-1	217286	219275	222147	219569	1.11	cps
Beryllium	9-1	37	13	17	22	56.80	cps
Bismuth	209-1	1187706	1180721	1256295	1208241	3.46	cps
Bismuth	209-2	484952	495947	491477	490792	1.13	cps
Boron	10-1	4134	3601	3726	3820	7.30	cps
Boron	11-1	19673	19180	18229	19027	3.86	cps
Cadmium	111-1	677	700	739	705	4.42	cps
Cadmium	106-1	600	667	658	642	5.66	cps
Cadmium	108-1	38	42	38	39	6.19	cps
Calcium	43-1	1107170	1064182	1035389	1068914	3.38	cps
Calcium	44-1	17966845	17349031	16763031	17359635	3.47	cps
Chromium	52-2	1755218	1748738	1786759	1763572	1.15	cps
Cobalt	59-2	663	627	593	628	5.58	cps
Copper	63-2	10030	9864	9367	9754	3.54	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	50	108	92	83	36.06	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	17	33	27	26	32.81	cps
Holmium	165-1	2223793	2210769	2336232	2256931	3.06	cps
Holmium	165-2	720370	725007	722720	722699	0.32	cps
Indium	115-1	2350000	2280304	2385619	2338641	2.29	cps
Indium	115-2	159634	160789	158560	159661	0.70	cps
Iron	56-2	25112	24923	25308	25114	0.77	cps
Iron	57-2	628	622	522	591	10.06	cps
Krypton	83-1	723	790	843	786	7.65	cps
Lead	206-1	1639	1167	1122	1309	21.87	cps
Lead	207-1	1439	1039	989	1156	21.34	cps
Lead	208-1	6634	5012	4634	5427	19.58	cps
Lithium	6-1	303927	278020	266054	282667	6.85	cps
Magnesium	24-2	511731	507146	502392	507090	0.92	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94125	93944	93655	93908	0.25	cps
Molybdenum	94-1	1050	925	1033	1003	6.77	cps
Molybdenum	95-1	983	958	900	947	4.51	cps
Molybdenum	96-1	1158	1300	1275	1245	6.08	cps
Molybdenum	97-1	1217	1275	1417	1303	7.90	cps
Molybdenum	98-1	1525	1600	1617	1581	3.09	cps
Neodymium	150-1	73	33	13	40	76.39	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	790	850	880	840	5.46	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	33926	32555	32254	32912	2.71	cps
Rhodium	103-1	2416363	2269654	2381067	2355695	3.25	cps
Rhodium	103-2	861431	872330	860568	864776	0.76	cps
Scandium	45-1	1922660	1813426	1878418	1871501	2.94	cps
Scandium	45-2	24608	24338	23290	24079	2.89	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	19	7	6	10	66.78	cps
Selenium	82-1	-65	-116	-204	-128	-54.60	cps
Silicon	28-1	14776891	14123182	13379122	14093065	4.96	cps
Silver	109-1	13549	10613	8962	11041	21.04	cps
Silver	107-1	14592	11522	9445	11853	21.84	cps
Sodium	23-2	5127369	5089364	4990917	5069217	1.39	cps
Strontium	86-1	176578	171667	172191	173478	1.55	cps
Strontium	88-1	1540729	1535657	1522486	1532957	0.61	cps
Sulfur	34-1	420538	400373	382279	401063	4.77	cps
Terbium	159-1	2414489	2366870	2514290	2431883	3.09	cps
Terbium	159-2	731828	739838	738720	736795	0.59	cps
Thallium	203-1	92	75	92	86	11.18	cps
Thallium	205-1	217	183	142	181	20.81	cps
Tin	118-1	2575	2350	2609	2511	5.60	cps
Titanium	47-1	1000	875	925	933	6.74	cps
Uranium	238-1	1717	1917	2134	1922	10.84	cps
Vanadium	51-2	700	727	653	693	5.35	cps
Yttrium	89-1	2852110	2715617	2885194	2817640	3.19	cps
Yttrium	89-2	134957	136815	135609	135794	0.69	cps
Zinc	66-2	2944	2977	3077	2999	2.31	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:46:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	517	467	433	472	8.88	cps
Zirconium	91-1	83	643	92	273	117.66	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:49:56 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1290	1563	1370	1408	9.95	cps
Antimony	121-1	1734	1950	2267	1984	13.53	cps
Arsenic	75-2	120	156	133	136	13.05	cps
Barium	135-1	188761	188688	190840	189429	0.65	cps
Barium	137-1	321578	327416	330844	326613	1.43	cps
Beryllium	9-1	40	37	40	39	4.94	cps
Bismuth	209-1	1311254	1387523	1419242	1372673	4.04	cps
Bismuth	209-2	564959	567242	567827	566676	0.27	cps
Boron	10-1	3009	2950	3084	3014	2.22	cps
Boron	11-1	14575	15709	15150	15145	3.75	cps
Cadmium	111-1	422	371	391	395	6.44	cps
Cadmium	106-1	592	550	525	556	6.06	cps
Cadmium	108-1	25	38	8	24	61.98	cps
Calcium	43-1	1031487	1045798	1053694	1043660	1.08	cps
Calcium	44-1	16713954	16958759	17049610	16907441	1.03	cps
Chromium	52-2	502954	508530	505892	505792	0.55	cps
Cobalt	59-2	670	820	767	752	10.11	cps
Copper	63-2	9794	10027	9487	9769	2.77	cps
Dysprosium	156-1	442	575	633	550	17.86	cps
Dysprosium	156-2	140	213	170	174	21.14	cps
Erbium	164-1	642	700	550	631	11.99	cps
Erbium	164-2	213	187	200	200	6.67	cps
Gadolinium	160-1	508	542	533	528	3.29	cps
Gadolinium	160-2	190	210	210	203	5.68	cps
Holmium	165-1	2404928	2571472	2611608	2529336	4.33	cps
Holmium	165-2	805421	811296	807022	807913	0.38	cps
Indium	115-1	2328068	2445345	2498487	2423966	3.60	cps
Indium	115-2	168600	169052	167047	168233	0.63	cps
Iron	56-2	246279	246871	247037	246729	0.16	cps
Iron	57-2	6113	6441	6024	6192	3.55	cps
Krypton	83-1	733	803	753	763	4.72	cps
Lead	206-1	2056	2340	1895	2097	10.74	cps
Lead	207-1	1817	1728	1528	1691	8.75	cps
Lead	208-1	7923	8285	7562	7924	4.56	cps
Lithium	6-1	218930	226974	224146	223350	1.83	cps
Magnesium	24-2	645931	640463	644875	643756	0.45	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:49:56 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3811	3754	3504	3689	4.42	cps
Molybdenum	94-1	3959	4193	3926	4026	3.61	cps
Molybdenum	95-1	4718	4576	4676	4657	1.56	cps
Molybdenum	96-1	5560	5451	5268	5426	2.72	cps
Molybdenum	97-1	3609	3451	3192	3417	6.16	cps
Molybdenum	98-1	7452	7753	7494	7566	2.15	cps
Neodymium	150-1	533	600	560	564	5.95	cps
Neodymium	150-2	97	137	103	112	19.09	cps
Nickel	60-2	5545	5825	5368	5579	4.13	cps
Phosphorus	31-2	0	0	58	19	173.21	cps
Potassium	39-2	41998	40643	41320	41320	1.64	cps
Rhodium	103-1	2332861	2429795	2497344	2420000	3.42	cps
Rhodium	103-2	929850	930399	917040	925763	0.82	cps
Scandium	45-1	1750873	1818359	1843591	1804274	2.66	cps
Scandium	45-2	24892	24839	24588	24773	0.65	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-36	-153	-109	-99	-59.57	cps
Silicon	28-1	14982625	15043826	15003849	15010100	0.21	cps
Silver	109-1	6660	6143	6002	6268	5.53	cps
Silver	107-1	7553	7127	6443	7041	7.95	cps
Sodium	23-2	4438509	4376641	4349145	4388098	1.04	cps
Strontium	86-1	220675	228668	227661	225668	1.93	cps
Strontium	88-1	1959549	2016783	2027561	2001298	1.83	cps
Sulfur	34-1	417478	418117	418175	417923	0.09	cps
Terbium	159-1	2579455	2748929	2794710	2707698	4.19	cps
Terbium	159-2	822654	820731	804585	815990	1.22	cps
Thallium	203-1	8	42	50	33	66.15	cps
Thallium	205-1	150	92	108	117	25.76	cps
Tin	118-1	1859	1917	1684	1820	6.67	cps
Titanium	47-1	11165	8478	8761	9468	15.59	cps
Uranium	238-1	3267	3367	3651	3428	5.80	cps
Vanadium	51-2	1123	1200	1273	1199	6.26	cps
Yttrium	89-1	2755016	2911073	2968769	2878286	3.84	cps
Yttrium	89-2	145176	143903	142840	143973	0.81	cps
Zinc	66-2	2814	2904	2720	2813	3.26	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:49:56	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2942	3025	2934	2967	1.71	cps
Zirconium	91-1	625	750	592	656	12.73	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-07 Instrumnet Name : P8
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 12:53:25 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	233	238	257	14.65	cps
Antimony	121-1	3826	3851	4151	3942	4.59	cps
Arsenic	75-2	133	122	119	125	6.19	cps
Barium	135-1	1190865	1205289	1219022	1205059	1.17	cps
Barium	137-1	2077701	2139961	2114465	2110709	1.48	cps
Beryllium	9-1	80	100	107	96	14.52	cps
Bismuth	209-1	1446625	1501407	1503792	1483941	2.18	cps
Bismuth	209-2	571981	575662	568648	572097	0.61	cps
Boron	10-1	10446	11080	10705	10743	2.97	cps
Boron	11-1	52213	53902	55717	53944	3.25	cps
Cadmium	111-1	777	667	778	741	8.59	cps
Cadmium	106-1	625	575	642	614	5.65	cps
Cadmium	108-1	21	63	25	36	63.55	cps
Calcium	43-1	2930064	2984755	3020432	2978417	1.53	cps
Calcium	44-1	47712469	47913269	47839688	47821809	0.21	cps
Chromium	52-2	742886	733600	731908	736131	0.80	cps
Cobalt	59-2	59272	57559	57739	58190	1.62	cps
Copper	63-2	30367	29184	29014	29522	2.50	cps
Dysprosium	156-1	425	483	408	439	8.97	cps
Dysprosium	156-2	110	147	133	130	14.28	cps
Erbium	164-1	350	458	442	417	14.00	cps
Erbium	164-2	83	107	113	101	15.58	cps
Gadolinium	160-1	375	325	500	400	22.53	cps
Gadolinium	160-2	137	173	170	160	12.67	cps
Holmium	165-1	2683792	2802177	2799051	2761673	2.44	cps
Holmium	165-2	831530	835699	815221	827483	1.31	cps
Indium	115-1	2497351	2570391	2556631	2541458	1.53	cps
Indium	115-2	165218	167507	162465	165063	1.53	cps
Iron	56-2	17482725	17550064	17398083	17476957	0.44	cps
Iron	57-2	432454	430718	430374	431182	0.26	cps
Krypton	83-1	777	893	810	827	7.27	cps
Lead	206-1	8853	9359	9710	9307	4.63	cps
Lead	207-1	7880	7714	8158	7918	2.84	cps
Lead	208-1	35915	36216	36677	36269	1.06	cps
Lithium	6-1	220173	219986	217011	219057	0.81	cps
Magnesium	24-2	1465971	1441561	1455006	1454179	0.84	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:53:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5319782	5378179	5294561	5330841	0.80	cps
Molybdenum	94-1	1292	1442	1267	1333	7.10	cps
Molybdenum	95-1	1483	1350	1175	1336	11.57	cps
Molybdenum	96-1	1433	1475	1292	1400	6.86	cps
Molybdenum	97-1	1367	1233	1333	1311	5.29	cps
Molybdenum	98-1	1842	1684	1942	1822	7.15	cps
Neodymium	150-1	513	407	327	416	22.54	cps
Neodymium	150-2	53	80	60	64	21.54	cps
Nickel	60-2	42796	42137	42689	42541	0.83	cps
Phosphorus	31-2	100	42	50	64	49.38	cps
Potassium	39-2	46377	47114	44847	46113	2.51	cps
Rhodium	103-1	2450404	2487950	2538770	2492375	1.78	cps
Rhodium	103-2	924272	920618	890495	911795	2.03	cps
Scandium	45-1	1831675	1889762	1877223	1866220	1.64	cps
Scandium	45-2	24051	24335	23423	23936	1.95	cps
Selenium	77-2	7	10	17	11	45.82	cps
Selenium	78-2	6	2	9	6	66.68	cps
Selenium	82-1	-129	-271	-201	-200	-35.59	cps
Silicon	28-1	34727258	34793214	34788532	34769668	0.11	cps
Silver	109-1	7586	7803	7094	7494	4.85	cps
Silver	107-1	8595	8295	7703	8197	5.54	cps
Sodium	23-2	12123484	11787095	12084705	11998428	1.53	cps
Strontium	86-1	497111	504097	503723	501644	0.78	cps
Strontium	88-1	4361124	4390229	4376489	4375948	0.33	cps
Sulfur	34-1	271606	266209	263599	267138	1.53	cps
Terbium	159-1	2853789	2990377	2980767	2941644	2.59	cps
Terbium	159-2	845478	834371	824769	834873	1.24	cps
Thallium	203-1	108	100	50	86	36.64	cps
Thallium	205-1	242	175	208	208	16.00	cps
Tin	118-1	2359	2492	2459	2436	2.85	cps
Titanium	47-1	1242	1517	1450	1403	10.23	cps
Uranium	238-1	500	558	658	572	13.99	cps
Vanadium	51-2	600	607	567	591	3.63	cps
Yttrium	89-1	2933959	3039517	3034502	3002659	1.98	cps
Yttrium	89-2	142956	141381	138096	140811	1.76	cps
Zinc	66-2	3237	3087	2954	3093	4.58	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:53:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1634	1667	1792	1697	4.92	cps
Zirconium	91-1	408	475	433	439	7.67	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:56:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110	1140	1108	1120	1.62	cps
Antimony	121-1	3251	3076	3050	3126	3.49	cps
Arsenic	75-2	141	154	152	149	4.71	cps
Barium	135-1	161525	160676	161930	161377	0.40	cps
Barium	137-1	279500	275020	279897	278139	0.97	cps
Beryllium	9-1	243	233	260	246	5.49	cps
Bismuth	209-1	1394696	1447480	1452823	1431666	2.24	cps
Bismuth	209-2	559516	542557	566801	556291	2.24	cps
Boron	10-1	23053	23270	22669	22997	1.32	cps
Boron	11-1	119159	117966	121201	119442	1.37	cps
Cadmium	111-1	1133	1238	1175	1182	4.49	cps
Cadmium	106-1	583	700	600	628	10.05	cps
Cadmium	108-1	108	63	58	76	36.32	cps
Calcium	43-1	1352746	1306869	1319497	1326371	1.79	cps
Calcium	44-1	21114078	20821823	20949696	20961866	0.70	cps
Chromium	52-2	410565	419133	408469	412722	1.37	cps
Cobalt	59-2	9730	9553	9660	9648	0.92	cps
Copper	63-2	43040	42819	43488	43116	0.79	cps
Dysprosium	156-1	383	442	317	381	16.44	cps
Dysprosium	156-2	157	123	90	123	27.03	cps
Erbium	164-1	325	492	450	422	20.54	cps
Erbium	164-2	113	107	113	111	3.47	cps
Gadolinium	160-1	317	292	392	333	15.61	cps
Gadolinium	160-2	117	147	197	153	26.36	cps
Holmium	165-1	2554823	2707773	2702144	2654913	3.27	cps
Holmium	165-2	787289	777402	805704	790131	1.82	cps
Indium	115-1	2356568	2431309	2477254	2421711	2.52	cps
Indium	115-2	155807	153239	158949	155999	1.83	cps
Iron	56-2	10946970	10891973	11010383	10949775	0.54	cps
Iron	57-2	271165	267527	268872	269188	0.68	cps
Krypton	83-1	877	823	723	808	9.64	cps
Lead	206-1	4345	4429	4579	4451	2.66	cps
Lead	207-1	3723	3540	3751	3671	3.13	cps
Lead	208-1	16844	17411	17439	17231	1.95	cps
Lithium	6-1	185267	185662	184493	185141	0.32	cps
Magnesium	24-2	739829	726415	728787	731677	0.98	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:56:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6523334	6529557	6521778	6524890	0.06	cps
Molybdenum	94-1	3184	3117	3126	3142	1.16	cps
Molybdenum	95-1	3676	3751	3617	3681	1.82	cps
Molybdenum	96-1	3942	3726	3534	3734	5.47	cps
Molybdenum	97-1	2817	2500	2800	2706	6.59	cps
Molybdenum	98-1	5335	5335	5243	5304	1.00	cps
Neodymium	150-1	340	313	400	351	12.64	cps
Neodymium	150-2	80	63	110	84	28.01	cps
Nickel	60-2	25146	25059	25096	25101	0.17	cps
Phosphorus	31-2	42	42	25	36	26.65	cps
Potassium	39-2	62038	60941	60548	61176	1.26	cps
Rhodium	103-1	2322040	2411258	2422284	2385194	2.30	cps
Rhodium	103-2	871308	859609	894713	875210	2.04	cps
Scandium	45-1	1695624	1766537	1731359	1731173	2.05	cps
Scandium	45-2	22605	22381	22989	22659	1.36	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-268	-252	-118	-213	-38.59	cps
Silicon	28-1	20399478	19531300	19566993	19832590	2.48	cps
Silver	109-1	3376	3334	3059	3256	5.29	cps
Silver	107-1	3517	3767	3659	3648	3.44	cps
Sodium	23-2	14145423	13732648	13837135	13905068	1.54	cps
Strontium	86-1	398369	393055	395272	395565	0.67	cps
Strontium	88-1	3538359	3469960	3500295	3502871	0.98	cps
Sulfur	34-1	321461	312780	308588	314276	2.09	cps
Terbium	159-1	2731016	2869594	2882663	2827758	2.97	cps
Terbium	159-2	803102	782451	818629	801394	2.26	cps
Thallium	203-1	233	283	217	244	14.19	cps
Thallium	205-1	592	650	617	619	4.72	cps
Tin	118-1	3159	3050	3167	3126	2.08	cps
Titanium	47-1	1667	1500	1817	1661	9.54	cps
Uranium	238-1	2759	2809	2650	2739	2.96	cps
Vanadium	51-2	243	280	307	277	11.49	cps
Yttrium	89-1	2789895	2875957	2951661	2872504	2.82	cps
Yttrium	89-2	133184	130981	135696	133287	1.77	cps
Zinc	66-2	6355	6175	6595	6375	3.31	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 12:56:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2892	2984	2700	2859	5.06	cps
Zirconium	91-1	650	725	667	681	5.79	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-11 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:00:17 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	225	225	219	4.61	cps
Antimony	121-1	2584	2150	2717	2484	11.93	cps
Arsenic	75-2	83	74	83	80	6.66	cps
Barium	135-1	127677	127534	128392	127868	0.36	cps
Barium	137-1	221452	219919	223638	221670	0.84	cps
Beryllium	9-1	23	17	17	19	20.36	cps
Bismuth	209-1	1439016	1514267	1500737	1484673	2.70	cps
Bismuth	209-2	591110	563829	536766	563901	4.82	cps
Boron	10-1	3225	2917	2892	3012	6.17	cps
Boron	11-1	16135	15634	15334	15701	2.58	cps
Cadmium	111-1	715	662	751	710	6.32	cps
Cadmium	106-1	700	633	733	689	7.39	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Calcium	43-1	899654	875458	874178	883097	1.63	cps
Calcium	44-1	14549928	14336461	14350008	14412132	0.83	cps
Chromium	52-2	1549794	1524295	1592304	1555464	2.21	cps
Cobalt	59-2	587	593	660	613	6.61	cps
Copper	63-2	7309	6875	7119	7101	3.06	cps
Dysprosium	156-1	75	42	42	53	36.46	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	100	50	8	53	86.97	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	2577407	2671287	2713730	2654142	2.63	cps
Holmium	165-2	825113	791608	743580	786767	5.21	cps
Indium	115-1	2387093	2461812	2522079	2456995	2.75	cps
Indium	115-2	165952	160539	148605	158365	5.60	cps
Iron	56-2	23655	24027	23136	23606	1.89	cps
Iron	57-2	628	633	539	600	8.83	cps
Krypton	83-1	837	787	763	796	4.71	cps
Lead	206-1	911	867	744	841	10.27	cps
Lead	207-1	822	583	811	739	18.25	cps
Lead	208-1	3750	3467	3384	3534	5.44	cps
Lithium	6-1	175149	174497	172185	173943	0.90	cps
Magnesium	24-2	426110	420928	424690	423909	0.63	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:00:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77085	75935	77551	76857	1.08	cps
Molybdenum	94-1	792	767	833	797	4.23	cps
Molybdenum	95-1	817	800	725	781	6.26	cps
Molybdenum	96-1	1000	942	1050	997	5.44	cps
Molybdenum	97-1	1033	1225	1175	1145	8.69	cps
Molybdenum	98-1	1492	1175	1333	1333	11.88	cps
Neodymium	150-1	60	47	53	53	12.50	cps
Neodymium	150-2	7	20	7	11	69.25	cps
Nickel	60-2	783	773	823	793	3.33	cps
Phosphorus	31-2	25	8	25	19	49.50	cps
Potassium	39-2	26618	26117	26518	26418	1.00	cps
Rhodium	103-1	2355751	2426270	2500629	2427550	2.98	cps
Rhodium	103-2	935735	890954	843142	889944	5.20	cps
Scandium	45-1	1694041	1706200	1712197	1704146	0.54	cps
Scandium	45-2	22986	22862	21273	22374	4.27	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	9	6	6	7	31.45	cps
Selenium	82-1	-258	-157	-100	-172	-46.39	cps
Silicon	28-1	10955932	10694371	10735305	10795203	1.30	cps
Silver	109-1	1850	1600	1450	1634	12.37	cps
Silver	107-1	1925	1759	1834	1839	4.54	cps
Sodium	23-2	4339778	4251610	4273365	4288251	1.07	cps
Strontium	86-1	160789	158158	160779	159909	0.95	cps
Strontium	88-1	1439440	1375676	1454414	1423177	2.94	cps
Sulfur	34-1	354795	344059	344236	347697	1.77	cps
Terbium	159-1	2798321	2871096	2922575	2863997	2.18	cps
Terbium	159-2	832475	800650	751609	794911	5.12	cps
Thallium	203-1	42	17	17	25	57.73	cps
Thallium	205-1	108	42	75	75	44.44	cps
Tin	118-1	1158	1250	1250	1220	4.34	cps
Titanium	47-1	917	875	967	920	4.99	cps
Uranium	238-1	2417	2509	2242	2389	5.67	cps
Vanadium	51-2	567	590	640	599	6.26	cps
Yttrium	89-1	2770696	2827767	2888079	2828847	2.08	cps
Yttrium	89-2	139158	132913	125377	132483	5.21	cps
Zinc	66-2	1670	1580	1500	1583	5.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:00:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	275	375	353	19.67	cps
Zirconium	91-1	75	125	92	97	26.19	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10084	10489	10206	10260	2.03	cps
Antimony	121-1	4801	4368	4884	4684	5.92	cps
Arsenic	75-2	202	220	224	215	5.53	cps
Barium	135-1	108586	109055	111156	109599	1.25	cps
Barium	137-1	188315	184601	187715	186877	1.07	cps
Beryllium	9-1	153	190	210	184	15.58	cps
Bismuth	209-1	1302687	1320897	1366361	1329982	2.47	cps
Bismuth	209-2	529597	535188	546669	537151	1.62	cps
Boron	10-1	22710	22702	22677	22696	0.08	cps
Boron	11-1	115882	118706	116998	117195	1.21	cps
Cadmium	111-1	2446	2271	2559	2426	5.98	cps
Cadmium	106-1	733	625	908	756	18.92	cps
Cadmium	108-1	121	154	175	150	18.22	cps
Calcium	43-1	901092	879604	909194	896630	1.71	cps
Calcium	44-1	14807522	14435526	14841475	14694841	1.53	cps
Chromium	52-2	1784199	1804799	1798026	1795675	0.58	cps
Cobalt	59-2	31128	31750	31563	31480	1.01	cps
Copper	63-2	520012	521862	517379	519751	0.43	cps
Dysprosium	156-1	8470	8545	8928	8648	2.85	cps
Dysprosium	156-2	3134	3090	3267	3164	2.91	cps
Erbium	164-1	8929	8628	8662	8740	1.88	cps
Erbium	164-2	2387	2367	2547	2434	4.06	cps
Gadolinium	160-1	9345	9654	9337	9445	1.91	cps
Gadolinium	160-2	3901	3984	3781	3888	2.63	cps
Holmium	165-1	2420220	2530626	2611882	2520909	3.82	cps
Holmium	165-2	772763	787076	801013	786951	1.79	cps
Indium	115-1	2172979	2303427	2328561	2268322	3.68	cps
Indium	115-2	152636	155287	154749	154224	0.91	cps
Iron	56-2	14467508	14701996	14395336	14521614	1.10	cps
Iron	57-2	356588	361191	351864	356548	1.31	cps
Krypton	83-1	960	1047	970	992	4.78	cps
Lead	206-1	4901	5090	5235	5075	3.30	cps
Lead	207-1	4356	4323	3990	4223	4.80	cps
Lead	208-1	19684	19245	19668	19532	1.27	cps
Lithium	6-1	161446	165398	167794	164879	1.94	cps
Magnesium	24-2	596808	601577	606880	601755	0.84	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3508232	3540943	3477560	3508911	0.90	cps
Molybdenum	94-1	8912	8420	9037	8789	3.71	cps
Molybdenum	95-1	10930	11472	11914	11439	4.31	cps
Molybdenum	96-1	12390	12840	12807	12679	1.98	cps
Molybdenum	97-1	7794	7878	7736	7803	0.91	cps
Molybdenum	98-1	18113	18238	18246	18199	0.41	cps
Neodymium	150-1	8863	9130	8830	8941	1.84	cps
Neodymium	150-2	1787	1884	1743	1805	3.97	cps
Nickel	60-2	26726	27050	26652	26809	0.79	cps
Phosphorus	31-2	325	233	175	244	30.93	cps
Potassium	39-2	86944	86208	87916	87022	0.98	cps
Rhodium	103-1	2131629	2205642	2302677	2213316	3.88	cps
Rhodium	103-2	851494	861867	867069	860143	0.92	cps
Scandium	45-1	1578320	1618813	1671118	1622750	2.87	cps
Scandium	45-2	22669	22528	23353	22850	1.93	cps
Selenium	77-2	13	20	23	19	26.96	cps
Selenium	78-2	15	13	6	11	44.06	cps
Selenium	82-1	1061	1009	1173	1081	7.77	cps
Silicon	28-1	24468214	23585821	23477746	23843927	2.28	cps
Silver	109-1	90370	85572	88643	88195	2.76	cps
Silver	107-1	94270	90454	94111	92945	2.32	cps
Sodium	23-2	61940103	61820556	62980133	62246931	1.02	cps
Strontium	86-1	236175	230732	236484	234464	1.38	cps
Strontium	88-1	2091777	2067454	2108897	2089376	1.00	cps
Sulfur	34-1	385221	367985	364759	372655	2.95	cps
Terbium	159-1	2574860	2669591	2759004	2667819	3.45	cps
Terbium	159-2	782774	783181	798454	788136	1.13	cps
Thallium	203-1	192	183	175	183	4.55	cps
Thallium	205-1	567	533	442	514	12.60	cps
Tin	118-1	3642	3601	3884	3709	4.13	cps
Titanium	47-1	9637	9821	10071	9843	2.21	cps
Uranium	238-1	5385	5343	5260	5329	1.19	cps
Vanadium	51-2	1060	1087	1187	1111	6.01	cps
Yttrium	89-1	2751755	2871715	2919805	2847758	3.04	cps
Yttrium	89-2	139357	141400	142643	141133	1.18	cps
Zinc	66-2	7452	7686	7626	7588	1.60	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:03:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5710	5268	6035	5671	6.79	cps
Zirconium	91-1	1550	1283	1258	1364	11.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418844	424138	420108	421030	0.66	cps
Antimony	121-1	2102626	2038535	2048560	2063240	1.67	cps
Arsenic	75-2	58568	59211	59235	59005	0.64	cps
Barium	135-1	2018271	1970760	1955451	1981494	1.65	cps
Barium	137-1	3418876	3365942	3312070	3365629	1.59	cps
Beryllium	9-1	309349	309948	308321	309206	0.27	cps
Bismuth	209-1	1358386	1311549	1329368	1333101	1.77	cps
Bismuth	209-2	621306	634307	627461	627691	1.04	cps
Boron	10-1	44161	45482	45640	45094	1.80	cps
Boron	11-1	225937	226708	228674	227106	0.62	cps
Cadmium	111-1	459922	455494	449622	455013	1.14	cps
Cadmium	106-1	49927	49734	48956	49539	1.04	cps
Cadmium	108-1	33789	33024	32920	33244	1.43	cps
Calcium	43-1	3263902	3270163	3245202	3259756	0.40	cps
Calcium	44-1	52858036	53078839	52175544	52704140	0.89	cps
Chromium	52-2	449540	449627	446174	448447	0.44	cps
Cobalt	59-2	837469	836355	838493	837439	0.13	cps
Copper	63-2	1359514	1342985	1341553	1348017	0.74	cps
Dysprosium	156-1	42	75	75	64	30.12	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	0	42	17	19	107.85	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	58	8	25	31	83.33	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	2567953	2512143	2550071	2543389	1.12	cps
Holmium	165-2	921508	947866	944371	937915	1.53	cps
Indium	115-1	2564197	2499113	2537313	2533541	1.29	cps
Indium	115-2	208267	215953	212701	212307	1.82	cps
Iron	56-2	76118893	75677688	76667343	76154642	0.65	cps
Iron	57-2	1918908	1938152	1925798	1927619	0.51	cps
Krypton	83-1	737	770	700	736	4.76	cps
Lead	206-1	801627	794368	781318	792438	1.30	cps
Lead	207-1	729963	718468	708625	719019	1.49	cps
Lead	208-1	3374791	3263027	3254747	3297522	2.03	cps
Lithium	6-1	248403	242979	252766	248050	1.98	cps
Magnesium	24-2	8614271	8703496	8618050	8645272	0.58	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274650	273615	272884	273716	0.32	cps
Molybdenum	94-1	4075895	4018755	4036694	4043781	0.72	cps
Molybdenum	95-1	5010574	4910692	4923879	4948381	1.10	cps
Molybdenum	96-1	5459327	5413927	5343621	5405625	1.08	cps
Molybdenum	97-1	3041125	3024010	2974441	3013192	1.15	cps
Molybdenum	98-1	7906766	7745546	7640937	7764416	1.72	cps
Neodymium	150-1	60	120	120	100	34.64	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	245737	245151	242797	244562	0.64	cps
Phosphorus	31-2	7177	7369	7160	7236	1.60	cps
Potassium	39-2	2838395	2877461	2814647	2843501	1.12	cps
Rhodium	103-1	2632964	2572801	2609007	2604924	1.16	cps
Rhodium	103-2	1051521	1080237	1064241	1065333	1.35	cps
Scandium	45-1	2352634	2346078	2350064	2349592	0.14	cps
Scandium	45-2	33944	36458	35265	35222	3.57	cps
Selenium	77-2	423	480	483	462	7.30	cps
Selenium	78-2	1630	1520	1585	1579	3.48	cps
Selenium	82-1	37033	36480	36883	36799	0.78	cps
Silicon	28-1	1701929	1678474	1695413	1691939	0.72	cps
Silver	109-1	2190492	2149242	2133538	2157757	1.36	cps
Silver	107-1	2344840	2271992	2283237	2300023	1.71	cps
Sodium	23-2	20420582	20712044	20328949	20487192	0.98	cps
Strontium	86-1	636564	629432	621221	629072	1.22	cps
Strontium	88-1	5535227	5483464	5452472	5490388	0.76	cps
Sulfur	34-1	576840	576434	572821	575365	0.38	cps
Terbium	159-1	2745275	2702790	2734875	2727647	0.81	cps
Terbium	159-2	943589	964500	954739	954276	1.10	cps
Thallium	203-1	1006520	988443	974248	989737	1.63	cps
Thallium	205-1	2456057	2419114	2396966	2424046	1.23	cps
Tin	118-1	1356300	1340276	1324792	1340456	1.18	cps
Titanium	47-1	1710872	1724597	1687143	1707537	1.11	cps
Uranium	238-1	3056585	3004569	2950393	3003849	1.77	cps
Vanadium	51-2	331169	334160	331269	332199	0.51	cps
Yttrium	89-1	3227609	3174166	3292480	3231418	1.83	cps
Yttrium	89-2	184632	188997	187196	186942	1.17	cps
Zinc	66-2	153445	152730	153232	153136	0.24	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:14:16	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3453091	3354099	3364781	3390657	1.60	cps
Zirconium	91-1	753627	746294	741219	747047	0.84	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:19:49 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	63	53	50	27.84	cps
Antimony	121-1	708	1042	958	903	19.22	cps
Arsenic	75-2	9	15	11	12	24.10	cps
Barium	135-1	67	100	75	81	21.54	cps
Barium	137-1	92	117	75	94	22.21	cps
Beryllium	9-1	23	53	27	34	47.73	cps
Bismuth	209-1	1364258	1416914	1401081	1394085	1.94	cps
Bismuth	209-2	653404	700018	693926	682449	3.71	cps
Boron	10-1	842	700	800	781	9.33	cps
Boron	11-1	3692	3642	3501	3612	2.75	cps
Cadmium	111-1	502	487	600	530	11.67	cps
Cadmium	106-1	717	692	850	753	11.31	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	317	270	317	301	8.95	cps
Calcium	44-1	36631	36979	37036	36882	0.59	cps
Chromium	52-2	2157	2014	1867	2012	7.21	cps
Cobalt	59-2	63	63	97	74	25.86	cps
Copper	63-2	1530	1587	1590	1569	2.15	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	8	17	33	19	65.47	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	2465722	2591147	2583113	2546661	2.76	cps
Holmium	165-2	917957	983912	968501	956790	3.61	cps
Indium	115-1	2581318	2720822	2682391	2661511	2.71	cps
Indium	115-2	210534	224054	220325	218304	3.20	cps
Iron	56-2	16677	16627	16961	16755	1.07	cps
Iron	57-2	428	383	461	424	9.20	cps
Krypton	83-1	753	703	737	731	3.48	cps
Lead	206-1	239	239	217	231	5.54	cps
Lead	207-1	200	222	206	209	5.53	cps
Lead	208-1	1000	1072	972	1015	5.09	cps
Lithium	6-1	280060	290448	288724	286411	1.94	cps
Magnesium	24-2	392	550	408	450	19.33	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:19:49	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	190	150	170	170	11.77	cps
Molybdenum	94-1	308	367	350	342	8.80	cps
Molybdenum	95-1	208	350	267	275	25.89	cps
Molybdenum	96-1	325	300	308	311	4.09	cps
Molybdenum	97-1	483	442	508	478	7.05	cps
Molybdenum	98-1	383	525	433	447	16.07	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97	123	100	107	13.62	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	7427	7310	7261	7333	1.17	cps
Rhodium	103-1	2691996	2811496	2792874	2765455	2.32	cps
Rhodium	103-2	1078283	1151621	1142772	1124225	3.56	cps
Scandium	45-1	2324055	2408476	2392104	2374879	1.89	cps
Scandium	45-2	32561	35201	34168	33977	3.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	-211	-112	-174	-166	-30.28	cps
Silicon	28-1	296784	293577	293598	294653	0.63	cps
Silver	109-1	633	650	475	586	16.48	cps
Silver	107-1	592	608	558	586	4.34	cps
Sodium	23-2	30208	28772	29916	29632	2.56	cps
Strontium	86-1	833	933	850	872	6.14	cps
Strontium	88-1	167	192	125	161	20.90	cps
Sulfur	34-1	378163	377951	377582	377899	0.08	cps
Terbium	159-1	2669267	2783868	2768203	2740446	2.27	cps
Terbium	159-2	939975	1000419	988363	976252	3.28	cps
Thallium	203-1	58	67	25	50	44.10	cps
Thallium	205-1	142	167	117	142	17.65	cps
Tin	118-1	333	383	400	372	9.32	cps
Titanium	47-1	142	92	100	111	24.11	cps
Uranium	238-1	0	25	58	28	105.36	cps
Vanadium	51-2	20	7	17	14	48.02	cps
Yttrium	89-1	3135342	3285165	3247828	3222779	2.42	cps
Yttrium	89-2	179448	190899	191142	187163	3.57	cps
Zinc	66-2	113	150	100	121	21.38	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:19:49	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	333	400	367	9.09	cps
Zirconium	91-1	67	33	42	47	36.74	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:23:19 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	80	80	84	8.57	cps
Antimony	121-1	3759	3659	3226	3548	7.99	cps
Arsenic	75-2	96	122	115	111	12.02	cps
Barium	135-1	138377	142536	144810	141908	2.30	cps
Barium	137-1	244177	246427	244754	245119	0.48	cps
Beryllium	9-1	30	40	30	33	17.32	cps
Bismuth	209-1	1379995	1487702	1482143	1449947	4.18	cps
Bismuth	209-2	579330	591779	619267	596792	3.42	cps
Boron	10-1	3284	3426	3142	3284	4.32	cps
Boron	11-1	16418	17344	15984	16582	4.19	cps
Cadmium	111-1	502	583	471	519	11.16	cps
Cadmium	106-1	650	717	567	644	11.66	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	1083689	1057561	1053292	1064847	1.55	cps
Calcium	44-1	17676013	17290820	17289133	17418655	1.28	cps
Chromium	52-2	1746925	1739321	1694436	1726894	1.64	cps
Cobalt	59-2	167	217	173	186	14.63	cps
Copper	63-2	5595	5481	5084	5387	4.97	cps
Dysprosium	156-1	25	33	67	42	52.92	cps
Dysprosium	156-2	37	23	10	23	57.15	cps
Erbium	164-1	142	75	92	103	33.76	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	2470062	2747111	2706876	2641349	5.67	cps
Holmium	165-2	817712	831025	883946	844228	4.15	cps
Indium	115-1	2430106	2597695	2595538	2541113	3.78	cps
Indium	115-2	168486	173730	179821	174012	3.26	cps
Iron	56-2	12906	12194	12890	12663	3.21	cps
Iron	57-2	306	339	311	319	5.61	cps
Krypton	83-1	767	840	723	777	7.59	cps
Lead	206-1	628	572	444	548	17.15	cps
Lead	207-1	489	361	433	428	14.98	cps
Lead	208-1	2311	2017	1856	2061	11.21	cps
Lithium	6-1	220372	225402	213693	219822	2.67	cps
Magnesium	24-2	569754	560096	549830	559893	1.78	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:23:19 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293	310	320	308	4.38	cps
Molybdenum	94-1	658	667	733	686	5.99	cps
Molybdenum	95-1	933	1025	850	936	9.35	cps
Molybdenum	96-1	842	883	1083	936	13.80	cps
Molybdenum	97-1	1067	1008	1175	1083	7.81	cps
Molybdenum	98-1	1242	1408	1450	1367	8.07	cps
Neodymium	150-1	33	67	47	49	34.32	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	863	933	900	899	3.89	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	33742	33124	30801	32556	4.76	cps
Rhodium	103-1	2431291	2607909	2590616	2543272	3.83	cps
Rhodium	103-2	925255	933795	984214	947755	3.36	cps
Scandium	45-1	1893791	1991647	1930615	1938685	2.55	cps
Scandium	45-2	24155	24639	26021	24938	3.88	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-81	-166	-21	-89	-81.47	cps
Silicon	28-1	15025874	14366640	14374347	14588954	2.59	cps
Silver	109-1	5243	3551	2792	3862	32.49	cps
Silver	107-1	5518	4092	3251	4287	26.74	cps
Sodium	23-2	5425117	5262587	5269931	5319212	1.73	cps
Strontium	86-1	221208	220935	223275	221806	0.58	cps
Strontium	88-1	1990765	1995322	2012977	1999688	0.59	cps
Sulfur	34-1	422933	419374	416361	419556	0.78	cps
Terbium	159-1	2670413	2934391	2915559	2840121	5.19	cps
Terbium	159-2	828260	843697	884165	852041	3.39	cps
Thallium	203-1	67	33	33	44	43.31	cps
Thallium	205-1	92	100	50	81	33.25	cps
Tin	118-1	1892	1617	1784	1764	7.85	cps
Titanium	47-1	400	458	392	417	8.72	cps
Uranium	238-1	3934	4118	3967	4006	2.44	cps
Vanadium	51-2	807	730	800	779	5.45	cps
Yttrium	89-1	2903372	3119642	3042401	3021805	3.63	cps
Yttrium	89-2	144263	146119	150390	146924	2.14	cps
Zinc	66-2	1610	1483	1487	1527	4.73	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:23:19	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	367	342	383	13.58	cps
Zirconium	91-1	75	133	108	106	27.73	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:26:46	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4327	4227	4232	4262	1.32	cps
Antimony	121-1	5160	5251	5218	5210	0.89	cps
Arsenic	75-2	252	231	219	234	7.18	cps
Barium	135-1	20066	19741	19682	19830	1.04	cps
Barium	137-1	33201	33544	33886	33544	1.02	cps
Beryllium	9-1	80	53	83	72	22.77	cps
Bismuth	209-1	1433889	1555783	1550535	1513402	4.55	cps
Bismuth	209-2	593526	586345	638863	606245	4.70	cps
Boron	10-1	15409	16702	16427	16179	4.21	cps
Boron	11-1	80997	83166	84272	82812	2.01	cps
Cadmium	111-1	1178	1323	1291	1264	6.02	cps
Cadmium	106-1	683	725	742	717	4.19	cps
Cadmium	108-1	83	67	46	65	28.79	cps
Calcium	43-1	303572	301493	296620	300562	1.19	cps
Calcium	44-1	4908411	4968675	4929873	4935653	0.62	cps
Chromium	52-2	701924	708176	703144	704415	0.47	cps
Cobalt	59-2	25353	25741	25711	25602	0.84	cps
Copper	63-2	109074	108600	108896	108857	0.22	cps
Dysprosium	156-1	2150	2167	1959	2092	5.54	cps
Dysprosium	156-2	773	833	627	744	14.28	cps
Erbium	164-1	2584	2634	2467	2561	3.34	cps
Erbium	164-2	800	727	743	757	5.08	cps
Gadolinium	160-1	2309	2525	2175	2336	7.56	cps
Gadolinium	160-2	823	867	857	849	2.67	cps
Holmium	165-1	2617379	2873322	2865977	2785560	5.23	cps
Holmium	165-2	840808	827678	903137	857207	4.70	cps
Indium	115-1	2427146	2622992	2659838	2569992	4.87	cps
Indium	115-2	166956	161190	179894	169347	5.66	cps
Iron	56-2	29030278	29664963	29895436	29530226	1.52	cps
Iron	57-2	721146	730230	729844	727073	0.71	cps
Krypton	83-1	803	770	780	784	2.18	cps
Lead	206-1	4518	4851	4434	4601	4.79	cps
Lead	207-1	3695	3951	3828	3825	3.34	cps
Lead	208-1	18128	18550	17872	18183	1.88	cps
Lithium	6-1	184131	188116	186528	186259	1.08	cps
Magnesium	24-2	199854	203158	202686	201899	0.88	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:26:46 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4414534	4497157	4443418	4451703	0.94	cps
Molybdenum	94-1	4834	4343	4634	4604	5.37	cps
Molybdenum	95-1	6585	6477	6443	6502	1.14	cps
Molybdenum	96-1	7386	7177	7302	7288	1.44	cps
Molybdenum	97-1	4234	4726	4834	4598	6.96	cps
Molybdenum	98-1	9854	9445	10288	9862	4.27	cps
Neodymium	150-1	2727	2580	2394	2567	6.51	cps
Neodymium	150-2	470	500	513	494	4.49	cps
Nickel	60-2	23383	24128	23854	23788	1.58	cps
Phosphorus	31-2	283	392	417	364	19.48	cps
Potassium	39-2	184444	182564	182386	183131	0.62	cps
Rhodium	103-1	2400399	2558804	2598232	2519145	4.16	cps
Rhodium	103-2	930216	899196	997956	942456	5.36	cps
Scandium	45-1	1745837	1887603	1851538	1828326	4.03	cps
Scandium	45-2	24234	23233	24986	24151	3.64	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	7	6	13	9	44.56	cps
Selenium	82-1	-191	-122	-221	-178	-28.52	cps
Silicon	28-1	13895122	13827071	13658410	13793534	0.88	cps
Silver	109-1	21702	21034	21518	21418	1.61	cps
Silver	107-1	22102	22862	21894	22286	2.29	cps
Sodium	23-2	13960111	13822425	13828603	13870380	0.56	cps
Strontium	86-1	275956	277425	281455	278279	1.02	cps
Strontium	88-1	2458229	2496545	2482078	2478950	0.78	cps
Sulfur	34-1	425323	416102	407090	416172	2.19	cps
Terbium	159-1	2816677	3022246	3075812	2971578	4.60	cps
Terbium	159-2	851481	823331	898469	857761	4.43	cps
Thallium	203-1	242	258	242	247	3.89	cps
Thallium	205-1	625	575	575	592	4.88	cps
Tin	118-1	5960	6669	6535	6388	5.90	cps
Titanium	47-1	2300	2342	2325	2323	0.90	cps
Uranium	238-1	867	850	900	872	2.92	cps
Vanadium	51-2	570	663	563	599	9.34	cps
Yttrium	89-1	2852546	3099879	3138325	3030250	5.12	cps
Yttrium	89-2	143540	136606	151073	143740	5.03	cps
Zinc	66-2	12559	12496	12032	12362	2.33	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:26:46	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2592	2900	2934	2809	6.71	cps
Zirconium	91-1	650	692	758	700	7.81	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-19 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:30:12 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7384	7924	8042	7783	4.51	cps
Antimony	121-1	5276	5718	5501	5499	4.02	cps
Arsenic	75-2	270	246	285	267	7.34	cps
Barium	135-1	7227	7119	7469	7272	2.47	cps
Barium	137-1	12073	12657	12248	12326	2.43	cps
Beryllium	9-1	37	27	27	30	19.24	cps
Bismuth	209-1	1465173	1672430	1533163	1556922	6.79	cps
Bismuth	209-2	655719	631725	598137	628527	4.60	cps
Boron	10-1	2984	2375	2484	2614	12.42	cps
Boron	11-1	13874	13181	13373	13476	2.65	cps
Cadmium	111-1	755	491	604	617	21.53	cps
Cadmium	106-1	675	542	608	608	10.96	cps
Cadmium	108-1	13	25	38	25	50.00	cps
Calcium	43-1	26091	25704	25343	25713	1.46	cps
Calcium	44-1	455347	447934	458304	453861	1.18	cps
Chromium	52-2	3497694	3558039	3514814	3523516	0.88	cps
Cobalt	59-2	1003	1107	1060	1057	4.90	cps
Copper	63-2	175749	176134	175871	175918	0.11	cps
Dysprosium	156-1	1117	1208	1267	1197	6.32	cps
Dysprosium	156-2	380	480	380	413	13.97	cps
Erbium	164-1	1208	1225	1217	1217	0.68	cps
Erbium	164-2	400	303	340	348	14.03	cps
Gadolinium	160-1	1325	1492	1333	1383	6.79	cps
Gadolinium	160-2	490	583	510	528	9.31	cps
Holmium	165-1	2692951	2939330	2788449	2806910	4.43	cps
Holmium	165-2	911663	886225	837602	878497	4.28	cps
Indium	115-1	2453353	2644508	2520389	2539417	3.82	cps
Indium	115-2	179526	174085	162092	171901	5.19	cps
Iron	56-2	313417	313981	314120	313839	0.12	cps
Iron	57-2	7936	7508	7814	7752	2.84	cps
Krypton	83-1	790	813	753	786	3.85	cps
Lead	206-1	2211	2189	2261	2221	1.67	cps
Lead	207-1	1645	1811	2039	1832	10.81	cps
Lead	208-1	8440	8496	8551	8496	0.65	cps
Lithium	6-1	170805	181618	170990	174471	3.55	cps
Magnesium	24-2	41721	41720	43075	42172	1.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16346	16443	16590	16460	0.75	cps
Molybdenum	94-1	3601	3209	3426	3412	5.75	cps
Molybdenum	95-1	3409	3234	3434	3359	3.25	cps
Molybdenum	96-1	3926	3776	4343	4015	7.32	cps
Molybdenum	97-1	2950	2842	2925	2906	1.95	cps
Molybdenum	98-1	5693	5693	5843	5743	1.51	cps
Neodymium	150-1	1347	1553	1380	1427	7.78	cps
Neodymium	150-2	283	270	300	284	5.28	cps
Nickel	60-2	4681	4818	4628	4709	2.08	cps
Phosphorus	31-2	242	250	267	253	5.04	cps
Potassium	39-2	14216	13857	14266	14113	1.58	cps
Rhodium	103-1	2410944	2663082	2472011	2515345	5.23	cps
Rhodium	103-2	1016050	980245	927372	974556	4.58	cps
Scandium	45-1	1706640	1831317	1714525	1750827	3.99	cps
Scandium	45-2	26181	24365	23213	24586	6.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	90	76	134	100	30.57	cps
Silicon	28-1	2370915	2354523	2406196	2377211	1.11	cps
Silver	109-1	57900	58227	59164	58431	1.12	cps
Silver	107-1	60872	59801	61784	60819	1.63	cps
Sodium	23-2	16134454	16677948	16419960	16410787	1.66	cps
Strontium	86-1	14392	14834	14492	14572	1.59	cps
Strontium	88-1	121622	119839	121882	121115	0.92	cps
Sulfur	34-1	260955	250871	245208	252345	3.16	cps
Terbium	159-1	2894392	3113810	2972054	2993419	3.72	cps
Terbium	159-2	920005	903087	840282	887791	4.73	cps
Thallium	203-1	125	125	67	106	31.91	cps
Thallium	205-1	250	200	242	231	11.62	cps
Tin	118-1	1725	1784	1692	1734	2.68	cps
Titanium	47-1	1775	1533	1333	1547	14.29	cps
Uranium	238-1	2900	2709	3042	2884	5.80	cps
Vanadium	51-2	1170	1303	1267	1247	5.53	cps
Yttrium	89-1	2907228	3077013	2945476	2976572	2.99	cps
Yttrium	89-2	153516	148145	140512	147391	4.43	cps
Zinc	66-2	2380	2507	2520	2469	3.13	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3884	4443	4676	4334	9.39	cps
Zirconium	91-1	808	975	1075	953	14.14	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	438	493	413	448	9.15	cps
Antimony	121-1	4309	4151	4143	4201	2.24	cps
Arsenic	75-2	128	93	98	106	17.82	cps
Barium	135-1	151231	152392	150825	151483	0.54	cps
Barium	137-1	252771	261098	261628	258499	1.92	cps
Beryllium	9-1	23	27	20	23	14.29	cps
Bismuth	209-1	1704323	1660535	1685601	1683486	1.31	cps
Bismuth	209-2	611967	604507	615031	610502	0.89	cps
Boron	10-1	3126	3251	3301	3226	2.80	cps
Boron	11-1	16126	16385	16143	16218	0.89	cps
Cadmium	111-1	449	452	412	438	5.07	cps
Cadmium	106-1	608	608	575	597	3.22	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	962510	957161	934108	951260	1.59	cps
Calcium	44-1	15726955	15448315	15354840	15510037	1.25	cps
Chromium	52-2	1487305	1490666	1478245	1485405	0.43	cps
Cobalt	59-2	247	347	303	299	16.78	cps
Copper	63-2	5028	4748	4881	4885	2.87	cps
Dysprosium	156-1	25	58	17	33	66.14	cps
Dysprosium	156-2	27	3	20	17	72.13	cps
Erbium	164-1	92	58	100	83	26.46	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	67	75	100	81	21.54	cps
Gadolinium	160-2	27	23	17	22	22.91	cps
Holmium	165-1	2928913	2918267	2991893	2946358	1.35	cps
Holmium	165-2	845761	834346	855767	845291	1.27	cps
Indium	115-1	2676384	2693766	2684842	2684997	0.32	cps
Indium	115-2	168747	165128	168968	167614	1.29	cps
Iron	56-2	45982	47805	46779	46855	1.95	cps
Iron	57-2	1183	1267	1156	1202	4.81	cps
Krypton	83-1	683	720	857	753	12.13	cps
Lead	206-1	489	578	506	524	9.02	cps
Lead	207-1	456	456	444	452	1.42	cps
Lead	208-1	2011	2345	2039	2132	8.68	cps
Lithium	6-1	176664	172865	174389	174639	1.09	cps
Magnesium	24-2	422758	418926	429312	423665	1.24	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 13:33:40 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4618	4501	4624	4581	1.51	cps
Molybdenum	94-1	3301	3167	3376	3281	3.22	cps
Molybdenum	95-1	5243	4784	5318	5115	5.65	cps
Molybdenum	96-1	5568	5510	5126	5401	4.44	cps
Molybdenum	97-1	3934	3534	3992	3820	6.53	cps
Molybdenum	98-1	8153	7753	8295	8067	3.48	cps
Neodymium	150-1	100	60	80	80	25.00	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	4811	4821	4648	4760	2.05	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	33816	34468	33157	33814	1.94	cps
Rhodium	103-1	2643927	2570594	2659765	2624762	1.81	cps
Rhodium	103-2	949298	924229	934172	935900	1.35	cps
Scandium	45-1	1855780	1777524	1815576	1816293	2.15	cps
Scandium	45-2	23547	23233	22529	23103	2.26	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	4	2	13	6	96.48	cps
Selenium	82-1	31	-82	-194	-81	-138.46	cps
Silicon	28-1	13901035	13405411	13366995	13557814	2.20	cps
Silver	109-1	800	683	667	717	10.14	cps
Silver	107-1	825	850	650	775	14.06	cps
Sodium	23-2	5243853	5322424	5299688	5288655	0.76	cps
Strontium	86-1	160232	162770	161151	161384	0.80	cps
Strontium	88-1	1435179	1426237	1408820	1423412	0.94	cps
Sulfur	34-1	337933	335243	336451	336542	0.40	cps
Terbium	159-1	3100005	3109161	3179666	3129611	1.39	cps
Terbium	159-2	859196	842170	870327	857231	1.65	cps
Thallium	203-1	33	17	83	44	78.06	cps
Thallium	205-1	58	75	42	58	28.57	cps
Tin	118-1	1275	1283	1133	1231	6.85	cps
Titanium	47-1	933	933	992	953	3.53	cps
Uranium	238-1	2017	1775	1784	1859	7.38	cps
Vanadium	51-2	963	850	803	872	9.43	cps
Yttrium	89-1	3092276	3083921	3132488	3102895	0.84	cps
Yttrium	89-2	140922	137589	140359	139624	1.28	cps
Zinc	66-2	1073	1123	1153	1117	3.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	767	758	772	2.25	cps
Zirconium	91-1	192	133	167	164	17.86	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:37:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278	278	193	249	19.70	cps
Antimony	121-1	3834	4017	3684	3845	4.34	cps
Arsenic	75-2	154	154	131	146	8.77	cps
Barium	135-1	26453	26820	27630	26967	2.23	cps
Barium	137-1	45521	46675	46625	46274	1.41	cps
Beryllium	9-1	30	23	17	23	28.56	cps
Bismuth	209-1	1573498	1587656	1695374	1618843	4.12	cps
Bismuth	209-2	592569	594269	637559	608132	4.19	cps
Boron	10-1	95427	99410	101071	98636	2.94	cps
Boron	11-1	477744	495776	498639	490720	2.31	cps
Cadmium	111-1	530	409	388	442	17.31	cps
Cadmium	106-1	733	533	508	592	20.84	cps
Cadmium	108-1	42	21	25	29	37.81	cps
Calcium	43-1	515399	515321	520673	517131	0.59	cps
Calcium	44-1	8450150	8459207	8458679	8456012	0.06	cps
Chromium	52-2	25533	24508	24622	24888	2.26	cps
Cobalt	59-2	1327	1267	1433	1342	6.29	cps
Copper	63-2	18476	18382	18486	18448	0.31	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	50	25	92	56	60.62	cps
Gadolinium	160-2	13	27	20	20	33.35	cps
Holmium	165-1	2835711	2868710	3017667	2907363	3.33	cps
Holmium	165-2	816035	812341	887130	838502	5.03	cps
Indium	115-1	2579185	2565531	2724824	2623180	3.37	cps
Indium	115-2	158121	159003	173375	163500	5.24	cps
Iron	56-2	959711	974828	960814	965118	0.87	cps
Iron	57-2	23604	24856	23949	24136	2.68	cps
Krypton	83-1	733	763	663	720	7.13	cps
Lead	206-1	1478	1272	1467	1406	8.23	cps
Lead	207-1	1233	967	1050	1083	12.59	cps
Lead	208-1	5206	4856	5206	5089	3.97	cps
Lithium	6-1	169931	169039	172686	170552	1.11	cps
Magnesium	24-2	488697	488300	488717	488571	0.05	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:37:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400406	402415	398564	400462	0.48	cps
Molybdenum	94-1	9420	9696	9846	9654	2.23	cps
Molybdenum	95-1	14533	14542	14467	14514	0.28	cps
Molybdenum	96-1	16352	15952	15543	15949	2.54	cps
Molybdenum	97-1	9787	9971	8837	9532	6.39	cps
Molybdenum	98-1	22653	22853	23797	23101	2.64	cps
Neodymium	150-1	47	20	27	31	44.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1180	1170	1257	1202	3.94	cps
Phosphorus	31-2	142	200	200	181	18.65	cps
Potassium	39-2	69196	69179	69473	69283	0.24	cps
Rhodium	103-1	2544419	2521062	2605377	2556953	1.70	cps
Rhodium	103-2	899634	889909	969026	919523	4.69	cps
Scandium	45-1	1788887	1754412	1862907	1802069	3.08	cps
Scandium	45-2	22719	22502	24732	23317	5.27	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-162	-212	-114	-162	-30.03	cps
Silicon	28-1	37030832	37257229	36482536	36923532	1.08	cps
Silver	109-1	1942	1975	2192	2036	6.67	cps
Silver	107-1	2392	2525	2325	2414	4.22	cps
Sodium	23-2	24612631	24560277	24448729	24540546	0.34	cps
Strontium	86-1	680496	693896	687182	687191	0.98	cps
Strontium	88-1	6003377	6009914	6030515	6014602	0.24	cps
Sulfur	34-1	281325	275794	273704	276941	1.42	cps
Terbium	159-1	3026992	3016765	3151343	3065034	2.44	cps
Terbium	159-2	830444	811379	897676	846500	5.36	cps
Thallium	203-1	33	50	42	42	20.00	cps
Thallium	205-1	75	108	67	83	26.46	cps
Tin	118-1	1375	1400	1600	1458	8.46	cps
Titanium	47-1	1108	1400	1400	1303	12.93	cps
Uranium	238-1	7669	7311	7611	7530	2.55	cps
Vanadium	51-2	867	860	950	892	5.62	cps
Yttrium	89-1	3019169	3018277	3117055	3051500	1.86	cps
Yttrium	89-2	134558	134231	144550	137780	4.26	cps
Zinc	66-2	1443	1373	1310	1376	4.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 13:37:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3884	4276	4459	4207	6.99	cps
Zirconium	91-1	792	933	967	897	10.36	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	70	78	80	14.32	cps
Antimony	121-1	1517	1508	1258	1428	10.28	cps
Arsenic	75-2	20	15	22	19	20.12	cps
Barium	135-1	31071	30386	30720	30726	1.11	cps
Barium	137-1	53108	52898	53367	53124	0.44	cps
Beryllium	9-1	27	17	7	17	59.99	cps
Bismuth	209-1	1800766	1677310	1611357	1696478	5.67	cps
Bismuth	209-2	732891	728900	707320	723037	1.90	cps
Boron	10-1	1892	1809	1742	1814	4.14	cps
Boron	11-1	10029	9770	9295	9698	3.84	cps
Cadmium	111-1	447	608	524	526	15.25	cps
Cadmium	106-1	550	783	675	669	17.44	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Calcium	43-1	234905	234472	232021	233799	0.67	cps
Calcium	44-1	3870631	3874005	3892741	3879126	0.31	cps
Chromium	52-2	387144	377309	381428	381960	1.29	cps
Cobalt	59-2	210	180	207	199	8.27	cps
Copper	63-2	2430	2504	2557	2497	2.55	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	3	0	20	8	137.80	cps
Gadolinium	160-1	25	33	25	28	17.33	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	3067323	2871213	2883225	2940587	3.74	cps
Holmium	165-2	986252	996476	963661	982130	1.71	cps
Indium	115-1	2905578	2738398	2698390	2780788	3.95	cps
Indium	115-2	206264	202985	197650	202299	2.15	cps
Iron	56-2	8247	8375	8959	8527	4.45	cps
Iron	57-2	228	278	200	235	16.76	cps
Krypton	83-1	680	740	763	728	5.91	cps
Lead	206-1	211	311	239	254	20.35	cps
Lead	207-1	261	278	261	267	3.61	cps
Lead	208-1	1095	1072	1050	1072	2.07	cps
Lithium	6-1	215078	200885	197289	204417	4.60	cps
Magnesium	24-2	111292	108874	108915	109694	1.26	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20869	20712	20615	20732	0.62	cps
Molybdenum	94-1	308	308	233	283	15.28	cps
Molybdenum	95-1	217	283	258	253	13.32	cps
Molybdenum	96-1	300	275	250	275	9.09	cps
Molybdenum	97-1	467	600	608	558	14.24	cps
Molybdenum	98-1	400	400	408	403	1.20	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	287	263	273	274	4.26	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	11488	10746	10913	11049	3.52	cps
Rhodium	103-1	2956384	2765853	2685155	2802464	4.97	cps
Rhodium	103-2	1117428	1112852	1077396	1102559	1.99	cps
Scandium	45-1	2189699	2037691	2033132	2086841	4.27	cps
Scandium	45-2	29441	28960	28426	28942	1.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-134	-205	-237	-192	-27.43	cps
Silicon	28-1	3253985	3257482	3161404	3224290	1.69	cps
Silver	109-1	650	583	567	600	7.35	cps
Silver	107-1	617	583	417	539	19.88	cps
Sodium	23-2	1132580	1117602	1122697	1124293	0.68	cps
Strontium	86-1	39550	38740	39910	39400	1.52	cps
Strontium	88-1	333550	339176	339677	337468	1.01	cps
Sulfur	34-1	335734	334814	333614	334721	0.32	cps
Terbium	159-1	3277457	3047705	3041845	3122336	4.30	cps
Terbium	159-2	992207	1005328	960387	985974	2.34	cps
Thallium	203-1	58	50	25	44	39.04	cps
Thallium	205-1	8	50	33	31	68.64	cps
Tin	118-1	442	433	425	433	1.92	cps
Titanium	47-1	1304	258	317	626	93.83	cps
Uranium	238-1	433	717	475	542	28.24	cps
Vanadium	51-2	163	160	187	170	8.55	cps
Yttrium	89-1	3435177	3175365	3140169	3250237	4.96	cps
Yttrium	89-2	171604	170218	164510	168778	2.23	cps
Zinc	66-2	603	533	657	598	10.35	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:42:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	225	258	214	23.81	cps
Zirconium	91-1	92	75	83	83	10.00	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-07DLX20 Instrumnet Name : P8
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-17 13:45:44 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	55	73	70	19.89	cps
Antimony	121-1	325	208	192	242	30.06	cps
Arsenic	75-2	13	7	11	10	26.93	cps
Barium	135-1	69315	70798	69986	70033	1.06	cps
Barium	137-1	119385	118588	120806	119593	0.94	cps
Beryllium	9-1	7	10	13	10	33.30	cps
Bismuth	209-1	1696246	1657396	1718269	1690637	1.82	cps
Bismuth	209-2	699777	762232	718122	726710	4.42	cps
Boron	10-1	1317	1483	1475	1425	6.59	cps
Boron	11-1	7469	7477	7519	7488	0.36	cps
Cadmium	111-1	542	531	543	539	1.23	cps
Cadmium	106-1	725	717	767	736	3.64	cps
Cadmium	108-1	4	0	33	13	145.28	cps
Calcium	43-1	187309	187287	186994	187197	0.09	cps
Calcium	44-1	3120445	3115214	3075671	3103777	0.79	cps
Chromium	52-2	48263	48260	48400	48308	0.17	cps
Cobalt	59-2	3874	3974	3834	3894	1.85	cps
Copper	63-2	2554	2814	2534	2634	5.93	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	0	27	13	13	100.01	cps
Gadolinium	160-1	33	25	58	39	44.62	cps
Gadolinium	160-2	23	3	10	12	83.33	cps
Holmium	165-1	2938554	2929832	2975214	2947866	0.82	cps
Holmium	165-2	970835	1055764	990306	1005635	4.42	cps
Indium	115-1	2780360	2810649	2877261	2822757	1.76	cps
Indium	115-2	203264	220713	207219	210398	4.35	cps
Iron	56-2	1104401	1097487	1110504	1104130	0.59	cps
Iron	57-2	27611	27912	27522	27682	0.74	cps
Krypton	83-1	683	693	740	706	4.29	cps
Lead	206-1	494	728	561	594	20.22	cps
Lead	207-1	500	506	528	511	2.88	cps
Lead	208-1	2400	2456	2261	2372	4.22	cps
Lithium	6-1	223526	224010	229061	225532	1.36	cps
Magnesium	24-2	92978	92433	93449	92953	0.55	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:45:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	344076	339476	345278	342944	0.89	cps
Molybdenum	94-1	167	192	117	158	24.12	cps
Molybdenum	95-1	125	108	100	111	11.46	cps
Molybdenum	96-1	133	133	158	142	10.19	cps
Molybdenum	97-1	517	500	375	464	16.69	cps
Molybdenum	98-1	150	125	100	125	20.00	cps
Neodymium	150-1	13	53	53	40	57.74	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2727	2637	2857	2740	4.04	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	7911	8353	7819	8028	3.55	cps
Rhodium	103-1	2824279	2848361	2885718	2852786	1.09	cps
Rhodium	103-2	1088661	1176871	1110213	1125248	4.09	cps
Scandium	45-1	2199669	2211859	2230732	2214086	0.71	cps
Scandium	45-2	29408	32050	30507	30655	4.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	9	4	5	78.12	cps
Selenium	82-1	-99	-132	-183	-138	-30.62	cps
Silicon	28-1	2568518	2595395	2648998	2604304	1.57	cps
Silver	109-1	558	533	408	500	16.07	cps
Silver	107-1	508	467	575	517	10.58	cps
Sodium	23-2	768475	768495	775694	770888	0.54	cps
Strontium	86-1	30502	29366	29984	29951	1.90	cps
Strontium	88-1	248699	253085	250033	250606	0.90	cps
Sulfur	34-1	345510	349328	349272	348037	0.63	cps
Terbium	159-1	3122361	3136360	3157354	3138692	0.56	cps
Terbium	159-2	971529	1061181	987603	1006771	4.75	cps
Thallium	203-1	33	25	17	25	33.34	cps
Thallium	205-1	50	17	25	31	56.77	cps
Tin	118-1	217	250	250	239	8.05	cps
Titanium	47-1	175	175	133	161	14.93	cps
Uranium	238-1	33	50	33	39	24.75	cps
Vanadium	51-2	43	47	60	50	17.64	cps
Yttrium	89-1	3273816	3347083	3375767	3332222	1.58	cps
Yttrium	89-2	170375	183150	173788	175771	3.76	cps
Zinc	66-2	177	177	193	182	5.28	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:45:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	167	192	208	24.98	cps
Zirconium	91-1	42	50	42	44	10.82	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 13:49:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	115	125	118	4.88	cps
Antimony	121-1	200	208	192	200	4.17	cps
Arsenic	75-2	7	7	9	8	13.31	cps
Barium	135-1	8078	8361	8028	8156	2.21	cps
Barium	137-1	13641	13291	13624	13519	1.46	cps
Beryllium	9-1	27	23	20	23	14.29	cps
Bismuth	209-1	1354110	1695299	1768616	1606008	13.77	cps
Bismuth	209-2	741372	736658	734610	737547	0.47	cps
Boron	10-1	2167	1967	2059	2064	4.85	cps
Boron	11-1	10379	10287	11438	10702	5.98	cps
Cadmium	111-1	400	494	514	470	12.93	cps
Cadmium	106-1	517	633	683	611	14.00	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	74992	73581	72295	73623	1.83	cps
Calcium	44-1	1272686	1246690	1199238	1239538	3.00	cps
Chromium	52-2	24057	24532	24575	24388	1.18	cps
Cobalt	59-2	610	563	557	577	5.04	cps
Copper	63-2	2944	3030	3107	3027	2.70	cps
Dysprosium	156-1	50	8	0	19	137.78	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	2328384	2862753	3041845	2744327	13.53	cps
Holmium	165-2	1013388	1010158	1005984	1009843	0.37	cps
Indium	115-1	2212607	2762773	2874809	2616729	13.54	cps
Indium	115-2	212081	212898	211582	212187	0.31	cps
Iron	56-2	595191	594075	595813	595026	0.15	cps
Iron	57-2	14675	15075	14636	14795	1.64	cps
Krypton	83-1	723	750	597	690	11.87	cps
Lead	206-1	206	144	189	180	17.59	cps
Lead	207-1	211	133	194	180	22.80	cps
Lead	208-1	850	800	889	846	5.27	cps
Lithium	6-1	198185	240777	248386	229116	11.81	cps
Magnesium	24-2	40918	40400	41671	40996	1.56	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 13:49:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	366033	365097	366344	365825	0.18	cps
Molybdenum	94-1	167	217	225	203	15.56	cps
Molybdenum	95-1	233	167	167	189	20.38	cps
Molybdenum	96-1	225	258	208	231	11.04	cps
Molybdenum	97-1	400	500	408	436	12.72	cps
Molybdenum	98-1	250	383	250	294	26.15	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	1333	1447	1370	1383	4.18	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	8853	8903	8495	8750	2.55	cps
Rhodium	103-1	2308905	2782225	2976836	2689322	12.77	cps
Rhodium	103-2	1130444	1134201	1116373	1127006	0.83	cps
Scandium	45-1	1832469	2191364	2327444	2117092	12.08	cps
Scandium	45-2	31044	30514	30470	30676	1.04	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-196	-170	-57	-141	-52.35	cps
Silicon	28-1	1545931	1507035	1514194	1522387	1.36	cps
Silver	109-1	333	308	275	306	9.58	cps
Silver	107-1	375	267	383	342	19.05	cps
Sodium	23-2	778914	780892	792836	784214	0.96	cps
Strontium	86-1	21217	21209	20775	21067	1.20	cps
Strontium	88-1	177263	170891	170520	172892	2.19	cps
Sulfur	34-1	373910	370763	374775	373149	0.57	cps
Terbium	159-1	2456304	3022106	3206000	2894803	13.50	cps
Terbium	159-2	1008790	1013959	1013707	1012152	0.29	cps
Thallium	203-1	8	17	33	19	65.47	cps
Thallium	205-1	58	42	33	44	28.65	cps
Tin	118-1	217	183	217	206	9.36	cps
Titanium	47-1	150	183	150	161	11.94	cps
Uranium	238-1	133	125	117	125	6.67	cps
Vanadium	51-2	40	40	33	38	10.19	cps
Yttrium	89-1	2671015	3288902	3435940	3131952	12.96	cps
Yttrium	89-2	174437	173949	176229	174872	0.69	cps
Zinc	66-2	247	220	190	219	12.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 13:49:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	200	333	264	25.33	cps
Zirconium	91-1	58	33	100	64	52.72	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:52:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	70	63	75	20.81	cps
Antimony	121-1	1367	1058	1058	1161	15.33	cps
Arsenic	75-2	22	33	7	21	61.96	cps
Barium	135-1	28924	28139	28615	28559	1.38	cps
Barium	137-1	50447	48465	49067	49326	2.06	cps
Beryllium	9-1	17	13	13	14	13.35	cps
Bismuth	209-1	1744304	1715363	1752108	1737258	1.11	cps
Bismuth	209-2	702449	747761	727068	725759	3.13	cps
Boron	10-1	1075	1133	1208	1139	5.87	cps
Boron	11-1	5893	6043	6185	6040	2.42	cps
Cadmium	111-1	526	526	521	524	0.58	cps
Cadmium	106-1	675	700	683	686	1.85	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	227803	225384	223573	225587	0.94	cps
Calcium	44-1	3782983	3694440	3685860	3721094	1.44	cps
Chromium	52-2	372125	372464	368080	370890	0.66	cps
Cobalt	59-2	183	180	220	194	11.42	cps
Copper	63-2	2514	2680	2484	2559	4.14	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	17	0	7	8	107.84	cps
Holmium	165-1	2921984	2971913	3027493	2973797	1.77	cps
Holmium	165-2	951913	1025942	996772	991542	3.76	cps
Indium	115-1	2866779	2841597	2830763	2846380	0.65	cps
Indium	115-2	198664	212585	207867	206372	3.43	cps
Iron	56-2	9164	8564	8675	8801	3.63	cps
Iron	57-2	261	300	194	252	21.20	cps
Krypton	83-1	767	723	730	740	3.15	cps
Lead	206-1	278	222	244	248	11.27	cps
Lead	207-1	250	200	272	241	15.36	cps
Lead	208-1	1133	1072	983	1063	7.10	cps
Lithium	6-1	231809	226400	222073	226761	2.15	cps
Magnesium	24-2	107597	105708	106111	106472	0.93	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:52:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19277	19090	19407	19258	0.83	cps
Molybdenum	94-1	217	292	342	283	22.21	cps
Molybdenum	95-1	267	225	200	231	14.61	cps
Molybdenum	96-1	342	275	208	275	24.24	cps
Molybdenum	97-1	525	500	358	461	19.49	cps
Molybdenum	98-1	358	325	233	306	21.18	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	337	273	300	303	10.48	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	10821	10438	11247	10835	3.73	cps
Rhodium	103-1	2868080	2875424	2869932	2871146	0.13	cps
Rhodium	103-2	1070752	1156369	1132599	1119907	3.95	cps
Scandium	45-1	2229887	2194727	2138321	2187645	2.11	cps
Scandium	45-2	28636	31055	30066	29919	4.06	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-184	-132	-149	-155	-17.15	cps
Silicon	28-1	3237641	3228839	3164710	3210397	1.24	cps
Silver	109-1	942	800	675	806	16.56	cps
Silver	107-1	725	817	792	778	6.09	cps
Sodium	23-2	1096786	1099798	1065574	1087386	1.74	cps
Strontium	86-1	38806	37619	37920	38115	1.62	cps
Strontium	88-1	322127	320242	321931	321433	0.32	cps
Sulfur	34-1	377891	370002	363855	370582	1.90	cps
Terbium	159-1	3137766	3198898	3239231	3191965	1.60	cps
Terbium	159-2	952354	1038554	995156	995355	4.33	cps
Thallium	203-1	8	33	8	17	86.62	cps
Thallium	205-1	33	58	17	36	58.08	cps
Tin	118-1	450	283	358	364	22.94	cps
Titanium	47-1	275	250	325	283	13.48	cps
Uranium	238-1	492	558	600	550	9.94	cps
Vanadium	51-2	177	210	167	184	12.30	cps
Yttrium	89-1	3315435	3354338	3345318	3338364	0.61	cps
Yttrium	89-2	164669	175779	173990	171480	3.48	cps
Zinc	66-2	507	483	393	461	12.98	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 13:52:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	200	292	244	18.78	cps
Zirconium	91-1	25	83	25	44	75.78	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-13DLX20 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-17 13:56:09 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755	783	758	765	1.99	cps
Antimony	121-1	208	267	192	222	17.72	cps
Arsenic	75-2	13	19	20	17	22.31	cps
Barium	135-1	6419	6960	6769	6716	4.09	cps
Barium	137-1	11055	11197	11539	11264	2.21	cps
Beryllium	9-1	23	37	33	31	22.31	cps
Bismuth	209-1	1757822	1607458	1630386	1665222	4.86	cps
Bismuth	209-2	720521	727387	716072	721327	0.79	cps
Boron	10-1	2100	2117	2075	2097	1.00	cps
Boron	11-1	10913	11563	11288	11255	2.90	cps
Cadmium	111-1	708	614	609	644	8.68	cps
Cadmium	106-1	833	725	725	761	8.22	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	62267	62592	64209	63023	1.65	cps
Calcium	44-1	1056687	1067440	1074088	1066072	0.82	cps
Chromium	52-2	121481	119381	119421	120094	1.00	cps
Cobalt	59-2	2204	2307	2244	2251	2.31	cps
Copper	63-2	36839	36518	36331	36563	0.70	cps
Dysprosium	156-1	617	533	450	533	15.63	cps
Dysprosium	156-2	257	233	253	248	5.09	cps
Erbium	164-1	483	533	433	483	10.35	cps
Erbium	164-2	147	173	173	164	9.36	cps
Gadolinium	160-1	500	658	683	614	16.20	cps
Gadolinium	160-2	287	260	307	284	8.23	cps
Holmium	165-1	3051758	2809227	2792482	2884489	5.03	cps
Holmium	165-2	989094	1014066	998309	1000490	1.26	cps
Indium	115-1	2927523	2682508	2745273	2785102	4.57	cps
Indium	115-2	208116	211028	207911	209018	0.83	cps
Iron	56-2	987731	1001299	997668	995566	0.71	cps
Iron	57-2	24461	24589	25463	24837	2.20	cps
Krypton	83-1	693	670	693	686	1.96	cps
Lead	206-1	500	411	539	483	13.55	cps
Lead	207-1	422	333	411	389	12.45	cps
Lead	208-1	1817	1639	1911	1789	7.73	cps
Lithium	6-1	240754	229055	230201	233337	2.76	cps
Magnesium	24-2	42916	43175	44111	43400	1.45	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:56:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	242590	244555	245840	244328	0.67	cps
Molybdenum	94-1	683	725	792	733	7.45	cps
Molybdenum	95-1	675	600	792	689	14.02	cps
Molybdenum	96-1	842	792	858	831	4.18	cps
Molybdenum	97-1	783	742	967	831	14.41	cps
Molybdenum	98-1	1183	1075	1233	1164	6.95	cps
Neodymium	150-1	587	567	567	573	2.01	cps
Neodymium	150-2	110	123	107	113	7.78	cps
Nickel	60-2	2077	1817	2077	1990	7.54	cps
Phosphorus	31-2	8	50	17	25	88.19	cps
Potassium	39-2	11981	11622	11188	11597	3.42	cps
Rhodium	103-1	2995980	2753404	2826727	2858704	4.35	cps
Rhodium	103-2	1111834	1118402	1114278	1114838	0.30	cps
Scandium	45-1	2335383	2146857	2175470	2219236	4.58	cps
Scandium	45-2	30056	31372	31168	30865	2.30	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-70	-39	-53	-54	-28.59	cps
Silicon	28-1	2139412	2145312	2125395	2136706	0.48	cps
Silver	109-1	6035	6043	5868	5982	1.65	cps
Silver	107-1	6452	5885	6027	6121	4.82	cps
Sodium	23-2	4416785	4526998	4430192	4457992	1.35	cps
Strontium	86-1	15334	15943	15309	15529	2.31	cps
Strontium	88-1	127383	128797	127492	127891	0.61	cps
Sulfur	34-1	378770	375619	375985	376791	0.46	cps
Terbium	159-1	3236929	2973135	3079465	3096510	4.29	cps
Terbium	159-2	1000105	1013767	999536	1004469	0.80	cps
Thallium	203-1	17	33	33	28	34.63	cps
Thallium	205-1	58	42	33	44	28.65	cps
Tin	118-1	408	458	425	431	5.91	cps
Titanium	47-1	767	833	925	842	9.45	cps
Uranium	238-1	317	275	292	294	7.12	cps
Vanadium	51-2	80	97	103	93	12.88	cps
Yttrium	89-1	3502486	3250088	3290171	3347582	4.05	cps
Yttrium	89-2	175546	175480	176551	175859	0.34	cps
Zinc	66-2	597	623	547	589	6.61	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 13:56:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	633	533	597	9.29	cps
Zirconium	91-1	125	92	100	106	16.44	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407328	411525	410267	409707	0.53	cps
Antimony	121-1	2236630	2219020	2193941	2216530	0.97	cps
Arsenic	75-2	59005	59319	58514	58946	0.69	cps
Barium	135-1	2169343	2136128	2128740	2144737	1.01	cps
Barium	137-1	3640006	3672792	3571736	3628178	1.42	cps
Beryllium	9-1	329983	332825	326828	329878	0.91	cps
Bismuth	209-1	1753063	1494605	1459944	1569204	10.21	cps
Bismuth	209-2	690638	667803	699486	685975	2.38	cps
Boron	10-1	46259	49010	49302	48190	3.48	cps
Boron	11-1	233951	237410	241378	237580	1.56	cps
Cadmium	111-1	485012	487894	484141	485682	0.40	cps
Cadmium	106-1	52813	52193	51917	52308	0.88	cps
Cadmium	108-1	35576	35284	34469	35110	1.63	cps
Calcium	43-1	3332915	3334806	3331871	3333197	0.04	cps
Calcium	44-1	53474758	53478739	53235389	53396295	0.26	cps
Chromium	52-2	442984	449296	443668	445316	0.78	cps
Cobalt	59-2	833973	837749	841430	837717	0.45	cps
Copper	63-2	1355049	1362414	1348685	1355383	0.51	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	58	25	39	44.61	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	20	0	7	9	114.55	cps
Holmium	165-1	3071794	2780983	2769889	2874222	5.96	cps
Holmium	165-2	1004332	982814	1014151	1000432	1.60	cps
Indium	115-1	2998532	2689798	2722523	2803618	6.05	cps
Indium	115-2	216459	213139	223535	217711	2.44	cps
Iron	56-2	74790629	75091893	75750574	75211032	0.65	cps
Iron	57-2	1909192	1928421	1925738	1921117	0.54	cps
Krypton	83-1	717	653	720	697	5.39	cps
Lead	206-1	908262	903387	875047	895565	2.00	cps
Lead	207-1	817247	818842	788578	808222	2.11	cps
Lead	208-1	3796150	3750329	3629469	3725316	2.31	cps
Lithium	6-1	293075	267731	265193	275333	5.60	cps
Magnesium	24-2	8458952	8616232	8572525	8549236	0.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	266375	270447	270862	269228	0.92	cps
Molybdenum	94-1	4193302	4214798	4176008	4194703	0.46	cps
Molybdenum	95-1	5149215	5216836	5122890	5162980	0.94	cps
Molybdenum	96-1	5640654	5664560	5573621	5626279	0.84	cps
Molybdenum	97-1	3141437	3154185	3127990	3141204	0.42	cps
Molybdenum	98-1	8083942	8120110	7967194	8057082	0.99	cps
Neodymium	150-1	87	127	120	111	19.29	cps
Neodymium	150-2	3	20	3	9	108.30	cps
Nickel	60-2	240867	245088	244760	243571	0.96	cps
Phosphorus	31-2	7052	7244	6844	7046	2.84	cps
Potassium	39-2	2731390	2768725	2753823	2751313	0.68	cps
Rhodium	103-1	3005050	2732952	2738329	2825444	5.51	cps
Rhodium	103-2	1107826	1074308	1124960	1102364	2.34	cps
Scandium	45-1	2570941	2367871	2375937	2438250	4.72	cps
Scandium	45-2	34389	33831	35960	34727	3.18	cps
Selenium	77-2	437	447	473	452	4.19	cps
Selenium	78-2	1502	1465	1482	1483	1.25	cps
Selenium	82-1	37896	38388	37684	37989	0.95	cps
Silicon	28-1	1669234	1703202	1666818	1679751	1.21	cps
Silver	109-1	2278445	2318393	2277727	2291522	1.02	cps
Silver	107-1	2436181	2443458	2400901	2426846	0.94	cps
Sodium	23-2	20057861	20457805	20203137	20239601	1.00	cps
Strontium	86-1	648334	655317	650728	651460	0.54	cps
Strontium	88-1	5608045	5789393	5638471	5678636	1.71	cps
Sulfur	34-1	624152	619604	616817	620191	0.60	cps
Terbium	159-1	3295888	2961330	2971957	3076392	6.18	cps
Terbium	159-2	1013039	996590	1035619	1015083	1.93	cps
Thallium	203-1	1131106	1108985	1078488	1106193	2.39	cps
Thallium	205-1	2757784	2744497	2702102	2734794	1.06	cps
Tin	118-1	1440518	1445727	1423421	1436556	0.81	cps
Titanium	47-1	1714423	1776241	1734350	1741671	1.81	cps
Uranium	238-1	3471602	3471557	3316865	3420008	2.61	cps
Vanadium	51-2	328415	333385	330833	330878	0.75	cps
Yttrium	89-1	3641496	3352980	3309320	3434598	5.26	cps
Yttrium	89-2	188018	187465	196538	190673	2.67	cps
Zinc	66-2	153222	155018	152865	153702	0.75	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:01:05	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3483334	3507060	3550300	3513565	0.97	cps
Zirconium	91-1	769870	780105	772951	774309	0.68	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:05:54 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	85	43	63	34.17	cps
Antimony	121-1	692	708	842	747	11.00	cps
Arsenic	75-2	6	15	11	10	44.37	cps
Barium	135-1	25	33	33	31	15.75	cps
Barium	137-1	42	8	17	22	78.07	cps
Beryllium	9-1	33	30	13	26	41.94	cps
Bismuth	209-1	1550274	1490843	1436521	1492546	3.81	cps
Bismuth	209-2	732363	757594	736891	742283	1.81	cps
Boron	10-1	658	567	783	669	16.25	cps
Boron	11-1	3292	3442	3451	3395	2.63	cps
Cadmium	111-1	512	440	575	509	13.27	cps
Cadmium	106-1	692	633	800	708	11.94	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	297	237	223	252	15.49	cps
Calcium	44-1	33777	33280	33537	33531	0.74	cps
Chromium	52-2	1837	1907	2077	1940	6.36	cps
Cobalt	59-2	53	57	120	77	49.00	cps
Copper	63-2	1517	1493	1573	1528	2.69	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	2769878	2693410	2602951	2688747	3.11	cps
Holmium	165-2	1014337	1041865	1016554	1024252	1.49	cps
Indium	115-1	2807642	2719397	2561030	2696023	4.63	cps
Indium	115-2	223661	232945	224074	226894	2.31	cps
Iron	56-2	4629	4351	4151	4377	5.48	cps
Iron	57-2	117	139	156	137	14.24	cps
Krypton	83-1	700	603	627	643	7.84	cps
Lead	206-1	267	250	294	270	8.30	cps
Lead	207-1	256	272	222	250	10.18	cps
Lead	208-1	1056	1056	1033	1048	1.22	cps
Lithium	6-1	299123	288584	279791	289166	3.35	cps
Magnesium	24-2	408	283	350	347	18.01	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:05:54	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	90	107	104	12.90	cps
Molybdenum	94-1	342	308	258	303	13.85	cps
Molybdenum	95-1	175	242	333	250	31.80	cps
Molybdenum	96-1	258	267	233	253	6.86	cps
Molybdenum	97-1	350	475	408	411	15.21	cps
Molybdenum	98-1	433	217	400	350	33.33	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	70	77	70	9.53	cps
Phosphorus	31-2	33	8	8	17	86.64	cps
Potassium	39-2	6243	6752	6919	6638	5.30	cps
Rhodium	103-1	2909193	2834908	2714174	2819425	3.49	cps
Rhodium	103-2	1159127	1199774	1160840	1173247	1.96	cps
Scandium	45-1	2440230	2404780	2203186	2349399	5.44	cps
Scandium	45-2	33824	34342	33500	33889	1.25	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-116	-38	-58	-71	-57.67	cps
Silicon	28-1	271078	274933	275322	273778	0.86	cps
Silver	109-1	542	408	400	450	17.67	cps
Silver	107-1	617	425	450	497	20.96	cps
Sodium	23-2	24213	24113	24297	24208	0.38	cps
Strontium	86-1	767	892	783	814	8.34	cps
Strontium	88-1	100	117	75	97	21.57	cps
Sulfur	34-1	418166	418041	417705	417970	0.06	cps
Terbium	159-1	2996420	2873918	2810915	2893751	3.26	cps
Terbium	159-2	1026765	1055955	1029824	1037515	1.55	cps
Thallium	203-1	83	25	67	58	51.51	cps
Thallium	205-1	83	150	133	122	28.39	cps
Tin	118-1	300	333	250	294	14.24	cps
Titanium	47-1	108	108	108	108	0.00	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	20	20	30	23	24.74	cps
Yttrium	89-1	3390664	3303105	3133687	3275819	3.99	cps
Yttrium	89-2	187391	191270	187385	188682	1.19	cps
Zinc	66-2	37	37	47	40	14.43	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:05:54	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	267	283	292	10.30	cps
Zirconium	91-1	100	58	67	75	29.40	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:09:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	38	53	49	21.17	cps
Antimony	121-1	1300	1175	1058	1178	10.26	cps
Arsenic	75-2	41	33	26	33	22.22	cps
Barium	135-1	29216	29651	29826	29564	1.06	cps
Barium	137-1	50280	50791	50405	50492	0.53	cps
Beryllium	9-1	17	20	13	17	20.01	cps
Bismuth	209-1	1633185	1575938	1560001	1589708	2.42	cps
Bismuth	209-2	712733	698379	678277	696463	2.49	cps
Boron	10-1	1250	1217	1267	1245	2.05	cps
Boron	11-1	5826	5885	5876	5863	0.54	cps
Cadmium	111-1	436	598	455	496	17.88	cps
Cadmium	106-1	592	825	642	686	17.91	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	242044	238180	238536	239587	0.89	cps
Calcium	44-1	4010679	3960418	3961321	3977473	0.72	cps
Chromium	52-2	375365	372327	366010	371234	1.29	cps
Cobalt	59-2	117	93	70	93	25.00	cps
Copper	63-2	2777	2607	2504	2629	5.25	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	17	50	8	25	88.19	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	2825535	2836017	2814878	2825477	0.37	cps
Holmium	165-2	1002831	963105	932855	966264	3.63	cps
Indium	115-1	2772645	2803710	2710147	2762167	1.73	cps
Indium	115-2	212179	205204	197672	205018	3.54	cps
Iron	56-2	6146	5996	6335	6159	2.76	cps
Iron	57-2	122	178	183	161	20.97	cps
Krypton	83-1	667	717	673	686	3.96	cps
Lead	206-1	300	317	300	306	3.15	cps
Lead	207-1	272	222	244	246	10.17	cps
Lead	208-1	1078	1089	1017	1061	3.66	cps
Lithium	6-1	260391	248922	240526	249946	3.99	cps
Magnesium	24-2	128552	126509	126585	127215	0.91	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:09:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	150	133	154	15.31	cps
Molybdenum	94-1	300	283	358	314	12.55	cps
Molybdenum	95-1	275	242	258	258	6.45	cps
Molybdenum	96-1	333	342	275	317	11.47	cps
Molybdenum	97-1	550	408	467	475	14.99	cps
Molybdenum	98-1	308	292	342	314	8.11	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	300	237	280	272	11.89	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	12373	11972	11497	11947	3.67	cps
Rhodium	103-1	2823034	2793669	2744962	2787222	1.41	cps
Rhodium	103-2	1123802	1108766	1062009	1098192	2.93	cps
Scandium	45-1	2325814	2219345	2197723	2247627	3.05	cps
Scandium	45-2	31479	30420	28679	30193	4.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	9	0	5	94.35	cps
Selenium	82-1	-62	-128	-92	-94	-35.25	cps
Silicon	28-1	3827036	3690975	3652812	3723608	2.46	cps
Silver	109-1	2917	2250	1892	2353	22.11	cps
Silver	107-1	2984	2192	2000	2392	21.80	cps
Sodium	23-2	1261789	1231882	1248848	1247506	1.20	cps
Strontium	86-1	47108	46931	46664	46901	0.48	cps
Strontium	88-1	396467	399505	398624	398198	0.39	cps
Sulfur	34-1	411995	400557	387942	400165	3.01	cps
Terbium	159-1	3101259	3021230	2991826	3038105	1.86	cps
Terbium	159-2	1002230	972000	932567	968932	3.61	cps
Thallium	203-1	17	42	42	33	43.30	cps
Thallium	205-1	150	58	33	81	76.26	cps
Tin	118-1	442	517	550	503	11.04	cps
Titanium	47-1	167	100	150	139	24.98	cps
Uranium	238-1	892	833	992	906	8.84	cps
Vanadium	51-2	200	143	263	202	29.68	cps
Yttrium	89-1	3273618	3329708	3226994	3276773	1.57	cps
Yttrium	89-2	177376	171796	166685	171952	3.11	cps
Zinc	66-2	397	377	443	406	8.44	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:09:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	250	258	292	22.31	cps
Zirconium	91-1	67	33	50	50	33.34	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 14:12:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295	253	285	278	8.01	cps
Antimony	121-1	242	350	217	269	26.30	cps
Arsenic	75-2	11	17	11	13	24.76	cps
Barium	135-1	842	983	1042	956	10.76	cps
Barium	137-1	1517	1408	1517	1481	4.22	cps
Beryllium	9-1	23	10	10	14	53.28	cps
Bismuth	209-1	1599533	1574139	1529591	1567754	2.26	cps
Bismuth	209-2	722411	734395	755664	737490	2.28	cps
Boron	10-1	1325	1250	1417	1331	6.27	cps
Boron	11-1	6452	6235	6643	6443	3.17	cps
Cadmium	111-1	511	505	684	566	17.95	cps
Cadmium	106-1	658	708	933	767	19.11	cps
Cadmium	108-1	0	29	4	11	141.95	cps
Calcium	43-1	15315	14972	15609	15299	2.09	cps
Calcium	44-1	278060	273325	273948	275111	0.94	cps
Chromium	52-2	37006	36381	37146	36844	1.11	cps
Cobalt	59-2	1320	1253	1310	1295	2.78	cps
Copper	63-2	6258	6332	6612	6400	2.91	cps
Dysprosium	156-1	100	100	42	81	41.81	cps
Dysprosium	156-2	60	33	33	42	36.47	cps
Erbium	164-1	67	50	108	75	40.06	cps
Erbium	164-2	50	57	27	44	35.44	cps
Gadolinium	160-1	158	125	125	136	14.14	cps
Gadolinium	160-2	53	33	53	47	24.75	cps
Holmium	165-1	2847188	2774731	2748302	2790074	1.83	cps
Holmium	165-2	987356	992870	1020928	1000385	1.80	cps
Indium	115-1	2837194	2796356	2678305	2770618	2.98	cps
Indium	115-2	210606	211624	220054	214095	2.42	cps
Iron	56-2	1524419	1514152	1526192	1521588	0.43	cps
Iron	57-2	38225	36431	36409	37022	2.81	cps
Krypton	83-1	763	633	713	703	9.32	cps
Lead	206-1	344	367	339	350	4.20	cps
Lead	207-1	333	272	283	296	10.99	cps
Lead	208-1	1328	1333	1222	1295	4.84	cps
Lithium	6-1	256836	252145	245306	251429	2.31	cps
Magnesium	24-2	10988	10588	10896	10824	1.94	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 14:12:52 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227344	226196	227679	227073	0.34	cps
Molybdenum	94-1	292	634	358	428	42.39	cps
Molybdenum	95-1	375	375	475	408	14.14	cps
Molybdenum	96-1	483	642	325	483	32.76	cps
Molybdenum	97-1	500	475	433	469	7.18	cps
Molybdenum	98-1	442	608	558	536	15.95	cps
Neodymium	150-1	80	93	120	98	20.83	cps
Neodymium	150-2	40	17	13	23	62.27	cps
Nickel	60-2	1267	1193	1410	1290	8.54	cps
Phosphorus	31-2	33	17	33	28	34.63	cps
Potassium	39-2	16135	15100	15167	15467	3.74	cps
Rhodium	103-1	2882036	2862766	2775258	2840020	2.00	cps
Rhodium	103-2	1122490	1123411	1155545	1133815	1.66	cps
Scandium	45-1	2280974	2251713	2180736	2237808	2.30	cps
Scandium	45-2	30948	31175	32428	31517	2.53	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-202	-23	-166	-131	-72.30	cps
Silicon	28-1	1048346	1063852	1052365	1054854	0.76	cps
Silver	109-1	1350	1400	1375	1375	1.82	cps
Silver	107-1	1267	1283	1450	1333	7.60	cps
Sodium	23-2	731284	732186	723502	728991	0.66	cps
Strontium	86-1	13174	12440	13933	13182	5.66	cps
Strontium	88-1	108438	104852	105514	106268	1.80	cps
Sulfur	34-1	382515	385663	382672	383617	0.46	cps
Terbium	159-1	3077379	3000972	2966357	3014903	1.88	cps
Terbium	159-2	997969	1006998	1030184	1011717	1.64	cps
Thallium	203-1	25	50	8	28	75.51	cps
Thallium	205-1	50	117	33	67	66.15	cps
Tin	118-1	392	617	392	467	27.84	cps
Titanium	47-1	250	225	325	267	19.51	cps
Uranium	238-1	75	50	67	64	19.92	cps
Vanadium	51-2	40	37	47	41	12.39	cps
Yttrium	89-1	3347271	3305058	3176327	3276218	2.72	cps
Yttrium	89-2	177667	178086	183384	179712	1.77	cps
Zinc	66-2	550	767	750	689	17.50	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 14:12:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	275	433	322	29.98	cps
Zirconium	91-1	67	125	92	94	30.99	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:16:21	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1846	1971	1991	1936	4.06	cps
Antimony	121-1	1092	1167	1133	1131	3.32	cps
Arsenic	75-2	46	54	69	56	20.14	cps
Barium	135-1	1584	1442	1450	1492	5.33	cps
Barium	137-1	2575	3059	2250	2628	15.48	cps
Beryllium	9-1	13	20	23	19	26.96	cps
Bismuth	209-1	1674334	1570791	1613574	1619566	3.21	cps
Bismuth	209-2	673198	683025	674531	676918	0.79	cps
Boron	10-1	758	933	842	845	10.37	cps
Boron	11-1	4584	4167	4092	4281	6.19	cps
Cadmium	111-1	515	597	621	578	9.68	cps
Cadmium	106-1	700	833	858	797	10.68	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	6525	6248	6315	6363	2.27	cps
Calcium	44-1	129136	127148	127442	127908	0.84	cps
Chromium	52-2	798331	798661	803237	800076	0.34	cps
Cobalt	59-2	297	333	280	303	8.99	cps
Copper	63-2	41542	40997	40934	41158	0.81	cps
Dysprosium	156-1	300	275	233	269	12.50	cps
Dysprosium	156-2	107	113	87	102	13.58	cps
Erbium	164-1	250	200	183	211	16.43	cps
Erbium	164-2	107	73	70	83	24.33	cps
Gadolinium	160-1	242	292	275	269	9.45	cps
Gadolinium	160-2	103	143	103	117	19.79	cps
Holmium	165-1	2919918	2840706	2834028	2864884	1.67	cps
Holmium	165-2	934287	926384	939417	933363	0.70	cps
Indium	115-1	2805039	2744383	2745360	2764927	1.26	cps
Indium	115-2	194362	195705	195509	195192	0.37	cps
Iron	56-2	77972	76180	76783	76978	1.18	cps
Iron	57-2	1989	1861	1939	1930	3.34	cps
Krypton	83-1	753	763	687	734	5.67	cps
Lead	206-1	567	489	544	533	7.51	cps
Lead	207-1	406	461	428	432	6.48	cps
Lead	208-1	1983	2022	2033	2013	1.30	cps
Lithium	6-1	235741	221289	217206	224745	4.33	cps
Magnesium	24-2	10429	10496	10129	10351	1.89	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-19DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 14:16:21 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3944	4081	3677	3901	5.26	cps
Molybdenum	94-1	958	1092	983	1011	7.01	cps
Molybdenum	95-1	700	808	775	761	7.29	cps
Molybdenum	96-1	1042	925	883	950	8.64	cps
Molybdenum	97-1	750	817	850	806	6.32	cps
Molybdenum	98-1	1167	1283	1233	1228	4.77	cps
Neodymium	150-1	360	307	220	296	23.91	cps
Neodymium	150-2	60	60	33	51	30.13	cps
Nickel	60-2	1100	1187	1113	1133	4.12	cps
Phosphorus	31-2	58	50	50	53	9.12	cps
Potassium	39-2	7711	7736	7586	7677	1.05	cps
Rhodium	103-1	2839218	2766334	2781440	2795664	1.38	cps
Rhodium	103-2	1071333	1064118	1056424	1063958	0.70	cps
Scandium	45-1	2228205	2143152	2120122	2163827	2.63	cps
Scandium	45-2	28987	28469	28820	28759	0.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	-161	-177	-94	-144	-30.51	cps
Silicon	28-1	872501	861717	841967	858728	1.80	cps
Silver	109-1	13432	13482	13090	13335	1.60	cps
Silver	107-1	14425	13983	14625	14345	2.29	cps
Sodium	23-2	3972926	3927332	3880060	3926773	1.18	cps
Strontium	86-1	3992	3892	3959	3948	1.29	cps
Strontium	88-1	25867	26502	26877	26416	1.93	cps
Sulfur	34-1	359979	345774	336419	347391	3.41	cps
Terbium	159-1	3119377	3052353	3068125	3079952	1.14	cps
Terbium	159-2	950197	941273	947100	946190	0.48	cps
Thallium	203-1	50	67	25	47	44.41	cps
Thallium	205-1	83	50	92	75	29.40	cps
Tin	118-1	567	533	408	503	16.60	cps
Titanium	47-1	450	508	392	450	12.96	cps
Uranium	238-1	575	525	600	567	6.74	cps
Vanadium	51-2	267	343	307	306	12.55	cps
Yttrium	89-1	3340591	3242357	3253270	3278739	1.64	cps
Yttrium	89-2	165378	164633	162595	164202	0.88	cps
Zinc	66-2	613	677	613	634	5.76	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:16:21	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1158	1233	1100	1164	5.74	cps
Zirconium	91-1	258	200	258	239	14.10	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 14:19:51 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195	165	168	176	9.47	cps
Antimony	121-1	850	1158	867	958	18.09	cps
Arsenic	75-2	20	26	20	22	14.44	cps
Barium	135-1	30996	30762	30503	30753	0.80	cps
Barium	137-1	53660	52556	52489	52902	1.24	cps
Beryllium	9-1	10	17	27	18	47.19	cps
Bismuth	209-1	1602343	1697850	1697622	1665938	3.31	cps
Bismuth	209-2	679655	670591	672927	674391	0.70	cps
Boron	10-1	892	975	992	953	5.62	cps
Boron	11-1	4918	5276	5326	5173	4.31	cps
Cadmium	111-1	470	505	494	490	3.65	cps
Cadmium	106-1	658	708	708	692	4.17	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	224396	220455	217396	220749	1.59	cps
Calcium	44-1	3708575	3681711	3638777	3676354	0.96	cps
Chromium	52-2	326741	322773	323662	324392	0.64	cps
Cobalt	59-2	110	97	110	106	7.29	cps
Copper	63-2	2294	2314	2240	2282	1.66	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	2899391	2916617	2923907	2913305	0.43	cps
Holmium	165-2	923920	918015	909046	916993	0.82	cps
Indium	115-1	2746084	2794071	2845592	2795249	1.78	cps
Indium	115-2	190700	189212	189999	189970	0.39	cps
Iron	56-2	13813	14219	14241	14091	1.71	cps
Iron	57-2	294	406	322	341	16.97	cps
Krypton	83-1	703	553	657	638	12.04	cps
Lead	206-1	228	244	228	233	4.12	cps
Lead	207-1	189	178	189	185	3.46	cps
Lead	208-1	817	794	933	848	8.80	cps
Lithium	6-1	218880	214045	212484	215136	1.55	cps
Magnesium	24-2	102173	101192	99942	101103	1.11	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:19:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1113	1020	1190	1108	7.69	cps
Molybdenum	94-1	783	675	742	733	7.45	cps
Molybdenum	95-1	1150	1025	1258	1145	10.20	cps
Molybdenum	96-1	1083	1167	1342	1197	11.01	cps
Molybdenum	97-1	1083	1108	1000	1064	5.33	cps
Molybdenum	98-1	1634	1650	1642	1642	0.51	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1053	1143	1133	1110	4.44	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	11947	12698	12139	12261	3.18	cps
Rhodium	103-1	2747535	2814278	2879483	2813766	2.34	cps
Rhodium	103-2	1057535	1031422	1030072	1039676	1.49	cps
Scandium	45-1	2111501	2147361	2156008	2138290	1.10	cps
Scandium	45-2	27267	27454	26676	27132	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-72	-5	-88	-55	-79.61	cps
Silicon	28-1	3653004	3586917	3541459	3593793	1.56	cps
Silver	109-1	833	692	675	733	11.86	cps
Silver	107-1	725	600	700	675	9.80	cps
Sodium	23-2	1295887	1277766	1262622	1278759	1.30	cps
Strontium	86-1	34837	34269	35330	34812	1.53	cps
Strontium	88-1	297196	289822	294503	293840	1.27	cps
Sulfur	34-1	349497	345217	337613	344109	1.75	cps
Terbium	159-1	3101594	3076590	3144036	3107407	1.10	cps
Terbium	159-2	933895	924053	911872	923273	1.19	cps
Thallium	203-1	25	50	8	28	75.51	cps
Thallium	205-1	42	58	17	39	53.93	cps
Tin	118-1	442	417	442	433	3.33	cps
Titanium	47-1	333	342	367	347	5.00	cps
Uranium	238-1	358	333	417	369	11.58	cps
Vanadium	51-2	213	250	230	231	7.94	cps
Yttrium	89-1	3242268	3306396	3302045	3283569	1.09	cps
Yttrium	89-2	161257	157733	157170	158720	1.40	cps
Zinc	66-2	290	270	293	284	4.44	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:19:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	267	342	303	12.41	cps
Zirconium	91-1	58	117	92	89	32.92	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365	345	350	353	2.95	cps
Antimony	121-1	2417	2417	2492	2442	1.77	cps
Arsenic	75-2	2037	2050	2013	2034	0.92	cps
Barium	135-1	66410	64591	66728	65910	1.75	cps
Barium	137-1	111954	116510	114500	114321	2.00	cps
Beryllium	9-1	13	13	23	17	34.65	cps
Bismuth	209-1	1646771	1678188	1654436	1659798	0.99	cps
Bismuth	209-2	639100	650890	646294	645428	0.92	cps
Boron	10-1	4084	4359	4351	4265	3.67	cps
Boron	11-1	20999	20849	22051	21300	3.07	cps
Cadmium	111-1	425	462	393	427	8.02	cps
Cadmium	106-1	600	658	558	606	8.30	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	1358792	1374299	1380027	1371039	0.80	cps
Calcium	44-1	22267726	22031509	22179481	22159572	0.54	cps
Chromium	52-2	2340	2307	2214	2287	2.87	cps
Cobalt	59-2	1420	1443	1400	1421	1.53	cps
Copper	63-2	3831	3551	3527	3636	4.64	cps
Dysprosium	156-1	183	167	142	164	12.80	cps
Dysprosium	156-2	57	70	43	57	23.53	cps
Erbium	164-1	158	217	175	183	16.39	cps
Erbium	164-2	43	53	50	49	10.42	cps
Gadolinium	160-1	100	200	242	181	40.33	cps
Gadolinium	160-2	57	80	80	72	18.65	cps
Holmium	165-1	2877476	2981685	2930258	2929806	1.78	cps
Holmium	165-2	888592	899796	904764	897717	0.92	cps
Indium	115-1	2653733	2691925	2608466	2651375	1.58	cps
Indium	115-2	170505	174927	172698	172710	1.28	cps
Iron	56-2	1164065	1150374	1147913	1154117	0.75	cps
Iron	57-2	28252	28730	28463	28482	0.84	cps
Krypton	83-1	757	773	663	731	8.11	cps
Lead	206-1	906	1078	900	961	10.52	cps
Lead	207-1	739	767	878	794	9.25	cps
Lead	208-1	3617	3689	3550	3619	1.92	cps
Lithium	6-1	208824	203819	199096	203913	2.39	cps
Magnesium	24-2	1010442	1007080	1000360	1005961	0.51	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	181213	180207	179241	180220	0.55	cps
Molybdenum	94-1	2284	2292	2400	2325	2.80	cps
Molybdenum	95-1	3401	3351	3434	3395	1.24	cps
Molybdenum	96-1	3917	3817	4084	3940	3.42	cps
Molybdenum	97-1	2542	2625	2825	2664	5.47	cps
Molybdenum	98-1	5893	5877	6027	5932	1.39	cps
Neodymium	150-1	393	460	447	433	8.14	cps
Neodymium	150-2	103	120	57	93	35.17	cps
Nickel	60-2	330	290	320	313	6.64	cps
Phosphorus	31-2	8	17	42	22	78.07	cps
Potassium	39-2	115496	117858	116302	116552	1.03	cps
Rhodium	103-1	2655466	2674055	2599686	2643069	1.46	cps
Rhodium	103-2	961765	962567	970314	964882	0.49	cps
Scandium	45-1	1956736	1962241	1879681	1932886	2.39	cps
Scandium	45-2	24525	24385	24572	24494	0.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-273	-178	-116	-189	-41.62	cps
Silicon	28-1	18047486	17697848	17860382	17868572	0.98	cps
Silver	109-1	1517	1200	1233	1317	13.22	cps
Silver	107-1	1609	1500	1142	1417	17.24	cps
Sodium	23-2	4682675	4675217	4669192	4675695	0.14	cps
Strontium	86-1	808965	807730	809280	808658	0.10	cps
Strontium	88-1	7109726	7105711	7097227	7104222	0.09	cps
Sulfur	34-1	424329	425269	421454	423684	0.47	cps
Terbium	159-1	3150100	3182412	3116891	3149801	1.04	cps
Terbium	159-2	889715	900582	908103	899467	1.03	cps
Thallium	203-1	42	33	17	31	41.66	cps
Thallium	205-1	58	50	42	50	16.67	cps
Tin	118-1	1358	1375	1192	1308	7.75	cps
Titanium	47-1	1509	1325	1467	1433	6.71	cps
Uranium	238-1	25945	26028	26270	26081	0.65	cps
Vanadium	51-2	207	263	157	209	25.55	cps
Yttrium	89-1	3156216	3136264	3080016	3124165	1.26	cps
Yttrium	89-2	144028	145132	144489	144549	0.38	cps
Zinc	66-2	1217	1277	1117	1203	6.72	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01	Instrumnet Name :	P8
Client Sample ID :	S32-0650	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:23:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	867	983	875	908	7.17	cps
Zirconium	91-1	292	242	167	233	26.97	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328	298	343	323	7.10	cps
Antimony	121-1	2467	2392	2267	2375	4.25	cps
Arsenic	75-2	2122	1967	2121	2070	4.31	cps
Barium	135-1	68235	67766	66459	67487	1.36	cps
Barium	137-1	116680	118099	118015	117598	0.68	cps
Beryllium	9-1	17	13	17	16	12.40	cps
Bismuth	209-1	1690849	1773069	1782802	1748907	2.89	cps
Bismuth	209-2	620373	616657	651290	629440	3.02	cps
Boron	10-1	4217	4159	4659	4345	6.29	cps
Boron	11-1	21100	20106	20007	20404	2.96	cps
Cadmium	111-1	433	421	463	439	4.95	cps
Cadmium	106-1	617	608	658	628	4.27	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	1368152	1364036	1371046	1367745	0.26	cps
Calcium	44-1	21670427	21710762	21777331	21719507	0.25	cps
Chromium	52-2	2150	2097	2224	2157	2.95	cps
Cobalt	59-2	1503	1567	1413	1495	5.16	cps
Copper	63-2	3250	3214	3077	3180	2.87	cps
Dysprosium	156-1	150	192	250	197	25.47	cps
Dysprosium	156-2	37	70	33	47	43.45	cps
Erbium	164-1	183	133	117	144	24.02	cps
Erbium	164-2	53	43	50	49	10.42	cps
Gadolinium	160-1	192	175	192	186	5.17	cps
Gadolinium	160-2	80	80	97	86	11.25	cps
Holmium	165-1	2958349	3097622	3095786	3050585	2.62	cps
Holmium	165-2	867019	845731	900467	871073	3.17	cps
Indium	115-1	2662188	2769826	2754761	2728925	2.14	cps
Indium	115-2	165199	164720	171046	166988	2.11	cps
Iron	56-2	1162988	1161268	1164838	1163031	0.15	cps
Iron	57-2	29248	28975	29371	29198	0.69	cps
Krypton	83-1	753	710	727	730	2.99	cps
Lead	206-1	672	644	606	641	5.23	cps
Lead	207-1	483	489	350	441	17.84	cps
Lead	208-1	2389	2272	2083	2248	6.86	cps
Lithium	6-1	187530	185901	186465	186632	0.44	cps
Magnesium	24-2	1000329	1009174	998009	1002504	0.59	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	178989	180190	178924	179368	0.40	cps
Molybdenum	94-1	2342	2167	2400	2303	5.27	cps
Molybdenum	95-1	3351	3534	3809	3565	6.47	cps
Molybdenum	96-1	3709	3942	3559	3737	5.17	cps
Molybdenum	97-1	2359	2367	2650	2459	6.75	cps
Molybdenum	98-1	5560	5318	5777	5551	4.13	cps
Neodymium	150-1	387	447	320	384	16.48	cps
Neodymium	150-2	67	103	47	72	39.79	cps
Nickel	60-2	290	347	347	328	9.98	cps
Phosphorus	31-2	33	33	25	31	15.75	cps
Potassium	39-2	114153	115530	116520	115401	1.03	cps
Rhodium	103-1	2619019	2757421	2727251	2701230	2.69	cps
Rhodium	103-2	932109	915995	965986	938030	2.72	cps
Scandium	45-1	1858096	1887796	1917547	1887813	1.57	cps
Scandium	45-2	23283	22535	24224	23347	3.63	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-256	-162	-171	-196	-26.38	cps
Silicon	28-1	17256463	17402865	17147847	17269058	0.74	cps
Silver	109-1	717	592	542	617	14.62	cps
Silver	107-1	725	683	617	675	8.10	cps
Sodium	23-2	4680698	4733865	4646709	4687091	0.94	cps
Strontium	86-1	815505	821621	808487	815204	0.81	cps
Strontium	88-1	7242025	7240371	7175109	7219168	0.53	cps
Sulfur	34-1	431934	422795	425627	426785	1.10	cps
Terbium	159-1	3140749	3281165	3312612	3244842	2.82	cps
Terbium	159-2	867627	850548	896857	871677	2.69	cps
Thallium	203-1	25	25	58	36	53.30	cps
Thallium	205-1	83	42	75	67	33.07	cps
Tin	118-1	1267	1308	1167	1247	5.84	cps
Titanium	47-1	1333	1550	1392	1425	7.87	cps
Uranium	238-1	27866	28751	28100	28239	1.63	cps
Vanadium	51-2	173	223	217	204	13.28	cps
Yttrium	89-1	3164086	3199678	3213990	3192585	0.80	cps
Yttrium	89-2	139152	138743	143388	140428	1.83	cps
Zinc	66-2	1447	1420	1283	1383	6.33	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:26:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	742	975	839	14.48	cps
Zirconium	91-1	192	208	275	225	19.60	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98	138	138	124	18.60	cps
Antimony	121-1	783	808	700	764	7.43	cps
Arsenic	75-2	415	452	457	441	5.25	cps
Barium	135-1	13624	13608	13608	13613	0.07	cps
Barium	137-1	23614	23163	23672	23483	1.19	cps
Beryllium	9-1	20	13	17	17	20.01	cps
Bismuth	209-1	1787305	1862121	1809170	1819532	2.11	cps
Bismuth	209-2	687389	676850	699996	688078	1.68	cps
Boron	10-1	1092	1033	1075	1067	2.82	cps
Boron	11-1	5134	5568	6043	5582	8.14	cps
Cadmium	111-1	542	488	525	518	5.29	cps
Cadmium	106-1	792	700	742	745	6.17	cps
Cadmium	108-1	29	8	4	14	96.44	cps
Calcium	43-1	294436	293633	294532	294200	0.17	cps
Calcium	44-1	4960990	4880055	4840564	4893870	1.25	cps
Chromium	52-2	2020	1893	1840	1918	4.82	cps
Cobalt	59-2	377	460	337	391	16.09	cps
Copper	63-2	1487	1430	1417	1445	2.57	cps
Dysprosium	156-1	50	58	67	58	14.29	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	20	10	30	20	50.00	cps
Holmium	165-1	3035549	3245442	3102158	3127716	3.43	cps
Holmium	165-2	943421	936511	958259	946063	1.17	cps
Indium	115-1	2812411	2947768	2913499	2891226	2.43	cps
Indium	115-2	191387	187221	194627	191078	1.94	cps
Iron	56-2	258912	258172	255709	257597	0.65	cps
Iron	57-2	6657	6396	6385	6479	2.38	cps
Krypton	83-1	710	737	680	709	4.00	cps
Lead	206-1	228	206	206	213	6.03	cps
Lead	207-1	211	144	133	163	25.81	cps
Lead	208-1	933	778	733	815	12.89	cps
Lithium	6-1	206922	212768	207782	209157	1.51	cps
Magnesium	24-2	223142	224465	223329	223645	0.32	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40522	39473	39369	39788	1.60	cps
Molybdenum	94-1	708	608	525	614	14.95	cps
Molybdenum	95-1	800	750	900	817	9.35	cps
Molybdenum	96-1	775	858	917	850	8.38	cps
Molybdenum	97-1	925	733	608	756	21.11	cps
Molybdenum	98-1	1150	1267	1375	1264	8.90	cps
Neodymium	150-1	67	87	87	80	14.43	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	170	163	190	174	7.96	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	30735	30092	30760	30529	1.24	cps
Rhodium	103-1	2885739	2971427	2888501	2915222	1.67	cps
Rhodium	103-2	1056605	1036744	1069661	1054337	1.57	cps
Scandium	45-1	2125927	2217936	2165722	2169862	2.13	cps
Scandium	45-2	27280	26378	28536	27398	3.95	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-150	-229	-179	-186	-21.71	cps
Silicon	28-1	4227630	4159072	4147766	4178156	1.03	cps
Silver	109-1	283	217	225	242	15.03	cps
Silver	107-1	408	267	258	311	27.10	cps
Sodium	23-2	1037268	1025843	1018202	1027104	0.93	cps
Strontium	86-1	171775	172672	171626	172024	0.33	cps
Strontium	88-1	1530486	1534696	1537691	1534291	0.24	cps
Sulfur	34-1	393303	388714	387135	389717	0.82	cps
Terbium	159-1	3238529	3414986	3345713	3333076	2.67	cps
Terbium	159-2	952478	934014	972552	953015	2.02	cps
Thallium	203-1	25	25	17	22	21.64	cps
Thallium	205-1	17	33	42	31	41.66	cps
Tin	118-1	575	492	517	528	8.10	cps
Titanium	47-1	358	417	442	406	10.54	cps
Uranium	238-1	5635	5210	5335	5393	4.05	cps
Vanadium	51-2	100	70	50	73	34.32	cps
Yttrium	89-1	3306723	3495429	3388949	3397034	2.79	cps
Yttrium	89-2	159014	154950	161921	158628	2.21	cps
Zinc	66-2	340	363	343	349	3.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 14:30:13	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	325	300	297	9.85	cps
Zirconium	91-1	25	75	125	75	66.67	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53937	54138	54332	54136	0.36	cps
Antimony	121-1	2227792	2264197	2271337	2254442	1.04	cps
Arsenic	75-2	47123	47206	47561	47297	0.49	cps
Barium	135-1	2250447	2255202	2266320	2257323	0.36	cps
Barium	137-1	3845447	3845778	3906615	3865947	0.91	cps
Beryllium	9-1	223675	222947	220951	222525	0.63	cps
Bismuth	209-1	1736403	1738584	1757183	1744056	0.65	cps
Bismuth	209-2	638971	636304	651998	642424	1.31	cps
Boron	10-1	35186	35386	34660	35077	1.07	cps
Boron	11-1	169533	171971	172400	171301	0.90	cps
Cadmium	111-1	483765	483512	494242	487173	1.26	cps
Cadmium	106-1	51223	51800	51449	51491	0.56	cps
Cadmium	108-1	34929	34808	35163	34967	0.52	cps
Calcium	43-1	1966527	1972984	1972313	1970608	0.18	cps
Calcium	44-1	31325201	31037105	31659427	31340578	0.99	cps
Chromium	52-2	343155	342868	345155	343726	0.36	cps
Cobalt	59-2	686303	689696	686550	687516	0.28	cps
Copper	63-2	1184642	1193102	1177852	1185199	0.64	cps
Dysprosium	156-1	317	225	225	256	20.71	cps
Dysprosium	156-2	77	47	33	52	42.50	cps
Erbium	164-1	158	175	125	153	16.66	cps
Erbium	164-2	53	23	33	37	41.66	cps
Gadolinium	160-1	192	167	283	214	28.72	cps
Gadolinium	160-2	77	100	110	96	17.90	cps
Holmium	165-1	3032128	3069269	3064580	3055325	0.66	cps
Holmium	165-2	892211	898194	908151	899519	0.90	cps
Indium	115-1	2658513	2676955	2667454	2667641	0.35	cps
Indium	115-2	166189	164652	167330	166057	0.81	cps
Iron	56-2	13078861	13160875	13062799	13100845	0.40	cps
Iron	57-2	321763	325784	324116	323888	0.62	cps
Krypton	83-1	660	687	710	686	3.65	cps
Lead	206-1	1032761	1047007	1054608	1044792	1.06	cps
Lead	207-1	903674	910125	921833	911877	1.01	cps
Lead	208-1	4223465	4301769	4373949	4299727	1.75	cps
Lithium	6-1	185021	182731	180344	182699	1.28	cps
Magnesium	24-2	2302829	2312661	2341469	2318987	0.87	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	381208	382504	377064	380259	0.75	cps
Molybdenum	94-1	4010860	4048087	4081630	4046859	0.87	cps
Molybdenum	95-1	4966830	4938911	4990387	4965376	0.52	cps
Molybdenum	96-1	5476535	5438554	5491311	5468800	0.50	cps
Molybdenum	97-1	3050372	3076538	3115115	3080675	1.06	cps
Molybdenum	98-1	7820734	7908343	7848517	7859198	0.57	cps
Neodymium	150-1	520	560	620	567	8.88	cps
Neodymium	150-2	93	90	83	89	5.73	cps
Nickel	60-2	202771	204083	202237	203030	0.47	cps
Phosphorus	31-2	0	17	33	17	99.99	cps
Potassium	39-2	490239	487254	492623	490039	0.55	cps
Rhodium	103-1	2602595	2650549	2666136	2639760	1.25	cps
Rhodium	103-2	953806	947587	968970	956788	1.15	cps
Scandium	45-1	1883329	1861295	1885392	1876672	0.71	cps
Scandium	45-2	23660	24268	24685	24204	2.13	cps
Selenium	77-2	317	337	373	342	8.40	cps
Selenium	78-2	1126	1083	1119	1109	2.05	cps
Selenium	82-1	34118	34467	35145	34577	1.51	cps
Silicon	28-1	17597205	17488964	17587062	17557744	0.34	cps
Silver	109-1	2256998	2276865	2323627	2285830	1.50	cps
Silver	107-1	2366178	2424739	2412291	2401069	1.28	cps
Sodium	23-2	7653241	7591963	7632153	7625786	0.41	cps
Strontium	86-1	1436521	1442511	1462904	1447312	0.96	cps
Strontium	88-1	12470002	12490794	12609049	12523281	0.60	cps
Sulfur	34-1	424345	421356	411588	419096	1.59	cps
Terbium	159-1	3230875	3214519	3240529	3228641	0.41	cps
Terbium	159-2	899302	905773	911409	905495	0.67	cps
Thallium	203-1	1275409	1296606	1303528	1291847	1.13	cps
Thallium	205-1	3155085	3224969	3275501	3218518	1.88	cps
Tin	118-1	1371654	1376439	1398970	1382354	1.06	cps
Titanium	47-1	1372168	1367277	1377475	1372307	0.37	cps
Uranium	238-1	4099339	4132142	4143920	4125134	0.56	cps
Vanadium	51-2	250984	251214	251285	251161	0.06	cps
Yttrium	89-1	3125004	3095736	3113150	3111297	0.47	cps
Yttrium	89-2	140354	142141	145695	142730	1.90	cps
Zinc	66-2	124883	123040	123877	123933	0.74	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MS	Instrumnet Name :	P8
Client Sample ID :	S32-0650MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:33:41	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3362931	3366301	3382522	3370585	0.31	cps
Zirconium	91-1	743142	747207	747197	745849	0.31	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55517	55338	54334	55063	1.16	cps
Antimony	121-1	2282157	2319234	2333211	2311534	1.14	cps
Arsenic	75-2	48449	47944	48087	48160	0.54	cps
Barium	135-1	2276194	2296032	2356751	2309659	1.82	cps
Barium	137-1	3860038	3859387	3917536	3878987	0.86	cps
Beryllium	9-1	217623	223392	220016	220344	1.32	cps
Bismuth	209-1	1845980	1823483	1821391	1830284	0.74	cps
Bismuth	209-2	649013	633025	664058	648699	2.39	cps
Boron	10-1	35470	36063	35027	35520	1.46	cps
Boron	11-1	169364	172900	172925	171730	1.19	cps
Cadmium	111-1	490393	493818	496230	493480	0.59	cps
Cadmium	106-1	52127	50697	50671	51165	1.63	cps
Cadmium	108-1	35242	34657	36103	35334	2.06	cps
Calcium	43-1	1961530	1949719	1975190	1962146	0.65	cps
Calcium	44-1	31599632	31404910	31674670	31559737	0.44	cps
Chromium	52-2	348242	349127	344938	347436	0.64	cps
Cobalt	59-2	696969	694979	692572	694840	0.32	cps
Copper	63-2	1200044	1200920	1208863	1203276	0.40	cps
Dysprosium	156-1	417	258	233	303	32.84	cps
Dysprosium	156-2	80	63	57	67	18.03	cps
Erbium	164-1	150	200	167	172	14.79	cps
Erbium	164-2	70	47	60	59	19.88	cps
Gadolinium	160-1	267	150	192	203	29.15	cps
Gadolinium	160-2	60	63	93	72	25.43	cps
Holmium	165-1	3190518	3201098	3224784	3205467	0.55	cps
Holmium	165-2	915899	901111	931746	916252	1.67	cps
Indium	115-1	2738470	2701473	2768548	2736164	1.23	cps
Indium	115-2	167181	163805	170117	167034	1.89	cps
Iron	56-2	13266933	13251254	13127510	13215233	0.58	cps
Iron	57-2	326475	325553	326746	326258	0.19	cps
Krypton	83-1	713	697	717	709	1.51	cps
Lead	206-1	1059436	1065787	1084231	1069818	1.20	cps
Lead	207-1	925432	931909	953717	937019	1.58	cps
Lead	208-1	4390911	4415493	4465790	4424064	0.86	cps
Lithium	6-1	181460	180961	181205	181208	0.14	cps
Magnesium	24-2	2297593	2335928	2294391	2309304	1.00	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	383948	384851	379606	382802	0.73	cps
Molybdenum	94-1	4075416	4097967	4137354	4103579	0.76	cps
Molybdenum	95-1	5044850	5045953	5096225	5062343	0.58	cps
Molybdenum	96-1	5509702	5511003	5505217	5508640	0.06	cps
Molybdenum	97-1	3060251	3095299	3083212	3079587	0.58	cps
Molybdenum	98-1	7905009	7963730	8010451	7959730	0.66	cps
Neodymium	150-1	480	587	560	542	10.24	cps
Neodymium	150-2	120	87	80	96	22.43	cps
Nickel	60-2	205358	205629	206745	205911	0.36	cps
Phosphorus	31-2	33	42	33	36	13.33	cps
Potassium	39-2	489796	492227	490832	490951	0.25	cps
Rhodium	103-1	2738099	2721822	2786817	2748913	1.23	cps
Rhodium	103-2	960780	949940	993002	967907	2.31	cps
Scandium	45-1	1903036	1917297	1907645	1909326	0.38	cps
Scandium	45-2	24775	24218	25109	24701	1.82	cps
Selenium	77-2	377	303	333	338	10.92	cps
Selenium	78-2	1150	1100	1074	1108	3.48	cps
Selenium	82-1	34903	35103	35311	35105	0.58	cps
Silicon	28-1	17713822	17233535	17448530	17465296	1.38	cps
Silver	109-1	2322148	2321113	2386206	2343156	1.59	cps
Silver	107-1	2438893	2428137	2507992	2458341	1.76	cps
Sodium	23-2	7623706	7730899	7651002	7668536	0.73	cps
Strontium	86-1	1459898	1493963	1483073	1478978	1.18	cps
Strontium	88-1	12608030	12614103	12682008	12634714	0.33	cps
Sulfur	34-1	413098	408968	403436	408501	1.19	cps
Terbium	159-1	3362296	3347497	3355799	3355198	0.22	cps
Terbium	159-2	918719	906335	925091	916715	1.04	cps
Thallium	203-1	1311425	1337426	1344020	1330957	1.29	cps
Thallium	205-1	3283938	3293846	3337271	3305018	0.86	cps
Tin	118-1	1392501	1412996	1410507	1405335	0.80	cps
Titanium	47-1	1352186	1390426	1370186	1370933	1.40	cps
Uranium	238-1	4154310	4188446	4227105	4189954	0.87	cps
Vanadium	51-2	254543	256115	252886	254514	0.63	cps
Yttrium	89-1	3240989	3188022	3239354	3222789	0.93	cps
Yttrium	89-2	144993	140034	145499	143509	2.10	cps
Zinc	66-2	125226	125448	124119	124931	0.57	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSD	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:37:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3369381	3408001	3466087	3414490	1.43	cps
Zirconium	91-1	750146	756681	769739	758855	1.31	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54184	54733	53882	54266	0.80	cps
Antimony	121-1	2303290	2313302	2339790	2318794	0.81	cps
Arsenic	75-2	47784	47650	46963	47466	0.93	cps
Barium	135-1	2274586	2293665	2335437	2301229	1.35	cps
Barium	137-1	3905143	3899767	3963526	3922812	0.90	cps
Beryllium	9-1	221437	215862	221105	219468	1.43	cps
Bismuth	209-1	1627742	2008834	1842975	1826517	10.46	cps
Bismuth	209-2	646806	644497	653333	648212	0.71	cps
Boron	10-1	34493	35838	36740	35690	3.17	cps
Boron	11-1	169755	171677	171213	170882	0.59	cps
Cadmium	111-1	494486	490347	499148	494660	0.89	cps
Cadmium	106-1	51759	51500	51993	51751	0.48	cps
Cadmium	108-1	35393	35129	35556	35359	0.61	cps
Calcium	43-1	1981841	1925318	1977998	1961719	1.61	cps
Calcium	44-1	31396278	31268517	31953173	31539323	1.15	cps
Chromium	52-2	341808	345272	341127	342736	0.65	cps
Cobalt	59-2	697766	691899	687091	692252	0.77	cps
Copper	63-2	1197710	1191570	1187389	1192223	0.44	cps
Dysprosium	156-1	242	117	208	189	34.27	cps
Dysprosium	156-2	67	63	93	74	22.09	cps
Erbium	164-1	250	175	125	183	34.32	cps
Erbium	164-2	27	73	70	57	45.94	cps
Gadolinium	160-1	183	192	217	197	8.80	cps
Gadolinium	160-2	103	70	83	86	19.61	cps
Holmium	165-1	2882755	3523311	3249520	3218529	9.99	cps
Holmium	165-2	907524	895010	908997	903844	0.85	cps
Indium	115-1	2482221	2980774	2790440	2751145	9.14	cps
Indium	115-2	163928	164016	167437	165127	1.21	cps
Iron	56-2	13146988	13260349	13141595	13182977	0.51	cps
Iron	57-2	327812	327392	321489	325564	1.09	cps
Krypton	83-1	717	707	720	714	0.97	cps
Lead	206-1	1064455	1072669	1093702	1076942	1.40	cps
Lead	207-1	939314	954208	945742	946421	0.79	cps
Lead	208-1	4407796	4469935	4506967	4461566	1.12	cps
Lithium	6-1	166678	188348	177638	177555	6.10	cps
Magnesium	24-2	2297921	2294559	2287777	2293419	0.23	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379556	378890	379916	379454	0.14	cps
Molybdenum	94-1	4080888	4026298	4094274	4067153	0.89	cps
Molybdenum	95-1	5049122	5038763	5079197	5055694	0.42	cps
Molybdenum	96-1	5528782	5476435	5551237	5518818	0.70	cps
Molybdenum	97-1	3081477	3121010	3069597	3090695	0.87	cps
Molybdenum	98-1	8048075	7942583	7953919	7981526	0.73	cps
Neodymium	150-1	560	447	533	513	11.54	cps
Neodymium	150-2	47	100	77	74	35.91	cps
Nickel	60-2	206098	205534	203714	205115	0.61	cps
Phosphorus	31-2	58	33	8	33	75.02	cps
Potassium	39-2	485490	482014	483460	483655	0.36	cps
Rhodium	103-1	2450509	2950212	2695951	2698890	9.26	cps
Rhodium	103-2	961673	955118	969805	962199	0.76	cps
Scandium	45-1	1707562	2081198	1911990	1900250	9.85	cps
Scandium	45-2	24245	23694	23537	23825	1.56	cps
Selenium	77-2	317	343	370	343	7.77	cps
Selenium	78-2	1074	1187	1100	1120	5.28	cps
Selenium	82-1	34671	34479	35280	34810	1.20	cps
Silicon	28-1	17662026	17025200	17163335	17283520	1.94	cps
Silver	109-1	2341444	2326125	2366323	2344631	0.87	cps
Silver	107-1	2465512	2470938	2455002	2463817	0.33	cps
Sodium	23-2	7529804	7595022	7640531	7588452	0.73	cps
Strontium	86-1	1468103	1451606	1503422	1474377	1.80	cps
Strontium	88-1	12697595	12548600	12747239	12664478	0.82	cps
Sulfur	34-1	408439	400652	404041	404377	0.97	cps
Terbium	159-1	3044418	3743123	3390230	3392591	10.30	cps
Terbium	159-2	895470	893918	891041	893476	0.25	cps
Thallium	203-1	1313690	1322723	1360896	1332436	1.88	cps
Thallium	205-1	3302098	3295084	3384412	3327198	1.49	cps
Tin	118-1	1417405	1392388	1424798	1411531	1.20	cps
Titanium	47-1	1376359	1359344	1370438	1368714	0.63	cps
Uranium	238-1	4199485	4223612	4277923	4233673	0.95	cps
Vanadium	51-2	252536	253132	251449	252373	0.34	cps
Yttrium	89-1	2899051	3533014	3217152	3216405	9.86	cps
Yttrium	89-2	139766	140460	141529	140585	0.63	cps
Zinc	66-2	125128	123796	123625	124183	0.66	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0650A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:40:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3386473	3423680	3458107	3422753	1.05	cps
Zirconium	91-1	755313	743019	756517	751616	0.99	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414595	418958	418302	417285	0.56	cps
Antimony	121-1	2139821	2151858	2116461	2136047	0.84	cps
Arsenic	75-2	60184	60050	59902	60045	0.24	cps
Barium	135-1	2062989	2065934	2064300	2064408	0.07	cps
Barium	137-1	3532667	3508126	3486922	3509238	0.65	cps
Beryllium	9-1	304392	303943	306755	305030	0.50	cps
Bismuth	209-1	1380204	1166687	1358826	1301906	9.03	cps
Bismuth	209-2	683245	673822	667556	674874	1.17	cps
Boron	10-1	43768	44604	45641	44671	2.10	cps
Boron	11-1	222393	228710	227277	226127	1.46	cps
Cadmium	111-1	477481	471034	471445	473320	0.76	cps
Cadmium	106-1	51993	51374	51717	51695	0.60	cps
Cadmium	108-1	34975	34958	34975	34969	0.03	cps
Calcium	43-1	3300860	3309192	3335994	3315349	0.55	cps
Calcium	44-1	52955508	52714426	53578776	53082903	0.84	cps
Chromium	52-2	452430	456415	456994	455280	0.55	cps
Cobalt	59-2	853759	849473	851938	851723	0.25	cps
Copper	63-2	1369651	1358463	1373895	1367336	0.58	cps
Dysprosium	156-1	83	33	25	47	66.82	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	8	17	50	25	88.19	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	2688874	2245084	2605870	2513276	9.39	cps
Holmium	165-2	1003609	1004764	987418	998597	0.97	cps
Indium	115-1	2671371	2252736	2593378	2505828	8.88	cps
Indium	115-2	220032	218920	219019	219324	0.28	cps
Iron	56-2	76937146	76695363	76190632	76607714	0.50	cps
Iron	57-2	1931375	1941425	1958024	1943608	0.69	cps
Krypton	83-1	743	713	593	683	11.62	cps
Lead	206-1	844626	840059	824817	836501	1.24	cps
Lead	207-1	754610	754131	749396	752712	0.38	cps
Lead	208-1	3498277	3476079	3444532	3472963	0.78	cps
Lithium	6-1	235752	202343	238182	225426	8.88	cps
Magnesium	24-2	8630428	8833586	8732823	8732279	1.16	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	272259	276710	273947	274305	0.82	cps
Molybdenum	94-1	4174141	4096697	4162358	4144399	1.01	cps
Molybdenum	95-1	5098331	5103586	5100728	5100882	0.05	cps
Molybdenum	96-1	5619631	5554570	5512785	5562329	0.97	cps
Molybdenum	97-1	3141467	3102949	3126048	3123488	0.62	cps
Molybdenum	98-1	8006796	8004035	7950063	7986965	0.40	cps
Neodymium	150-1	100	100	53	84	31.90	cps
Neodymium	150-2	30	30	10	23	49.49	cps
Nickel	60-2	248586	249018	248781	248795	0.09	cps
Phosphorus	31-2	6869	7402	7094	7122	3.76	cps
Potassium	39-2	2804390	2860490	2851831	2838904	1.06	cps
Rhodium	103-1	2679882	2283578	2663071	2542177	8.82	cps
Rhodium	103-2	1129074	1127977	1111955	1123002	0.85	cps
Scandium	45-1	2349467	1989266	2354256	2230996	9.38	cps
Scandium	45-2	35806	36344	37303	36484	2.08	cps
Selenium	77-2	390	477	457	441	10.29	cps
Selenium	78-2	1613	1611	1556	1593	2.05	cps
Selenium	82-1	37945	37853	38258	38019	0.56	cps
Silicon	28-1	1607274	1620463	1637019	1621585	0.92	cps
Silver	109-1	2262038	2244709	2247946	2251565	0.41	cps
Silver	107-1	2428246	2397104	2396503	2407284	0.75	cps
Sodium	23-2	20463170	20368372	20461477	20431006	0.27	cps
Strontium	86-1	648969	642170	643880	645006	0.55	cps
Strontium	88-1	5631147	5629664	5650487	5637099	0.21	cps
Sulfur	34-1	615925	621335	615837	617699	0.51	cps
Terbium	159-1	2853086	2418067	2784040	2685065	8.71	cps
Terbium	159-2	1018642	1016491	1003474	1012869	0.81	cps
Thallium	203-1	1042541	1044469	1026686	1037899	0.94	cps
Thallium	205-1	2580945	2589938	2540582	2570488	1.02	cps
Tin	118-1	1401090	1409959	1382244	1397765	1.01	cps
Titanium	47-1	1725678	1749603	1748211	1741164	0.77	cps
Uranium	238-1	3138258	3104436	3102163	3114952	0.65	cps
Vanadium	51-2	334250	337133	334753	335378	0.46	cps
Yttrium	89-1	3284006	2772966	3271765	3109579	9.38	cps
Yttrium	89-2	198162	195994	192933	195696	1.34	cps
Zinc	66-2	155646	153021	157398	155355	1.42	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:51:49	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3523088	3494829	3515873	3511263	0.42	cps
Zirconium	91-1	763570	759679	765671	762973	0.40	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB40 Instrumnet Name : P8
 Client Sample ID : CCB40 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:56:54 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	60	58	2.47	cps
Antimony	121-1	783	892	875	850	6.86	cps
Arsenic	75-2	7	6	15	9	52.86	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	50	50	25	42	34.64	cps
Beryllium	9-1	70	43	60	58	23.32	cps
Bismuth	209-1	1472543	1619331	1471149	1521008	5.60	cps
Bismuth	209-2	749585	693275	764870	735910	5.12	cps
Boron	10-1	800	708	967	825	15.87	cps
Boron	11-1	4268	4218	4376	4287	1.89	cps
Cadmium	111-1	470	593	474	512	13.72	cps
Cadmium	106-1	683	850	675	736	13.41	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	207	303	250	253	19.11	cps
Calcium	44-1	34462	34215	33740	34139	1.07	cps
Chromium	52-2	1957	1900	1980	1946	2.11	cps
Cobalt	59-2	83	87	67	79	13.58	cps
Copper	63-2	1170	1207	1327	1235	6.64	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	2685672	2850052	2646607	2727443	3.96	cps
Holmium	165-2	1041939	955571	1057919	1018477	5.41	cps
Indium	115-1	2723154	2868836	2695483	2762491	3.37	cps
Indium	115-2	234316	212868	237053	228079	5.81	cps
Iron	56-2	4795	4962	4484	4747	5.11	cps
Iron	57-2	156	172	194	174	11.21	cps
Krypton	83-1	700	723	720	714	1.77	cps
Lead	206-1	200	239	306	248	21.51	cps
Lead	207-1	317	217	261	265	18.92	cps
Lead	208-1	1106	950	1172	1076	10.60	cps
Lithium	6-1	272621	290341	277274	280079	3.28	cps
Magnesium	24-2	325	508	267	367	34.39	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:56:54	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	100	87	107	22.54	cps
Molybdenum	94-1	242	292	275	269	9.45	cps
Molybdenum	95-1	275	358	258	297	18.03	cps
Molybdenum	96-1	383	342	367	364	5.76	cps
Molybdenum	97-1	417	408	500	442	11.48	cps
Molybdenum	98-1	500	417	442	453	9.44	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90	130	120	113	18.37	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	7144	7002	7027	7058	1.07	cps
Rhodium	103-1	2873070	3004778	2849386	2909078	2.88	cps
Rhodium	103-2	1205013	1108295	1222192	1178500	5.21	cps
Scandium	45-1	2344781	2523712	2371157	2413216	4.00	cps
Scandium	45-2	34750	32244	36026	34340	5.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-152	-143	-168	-154	-8.24	cps
Silicon	28-1	267815	266578	269901	268098	0.63	cps
Silver	109-1	517	600	600	572	8.41	cps
Silver	107-1	525	500	575	533	7.16	cps
Sodium	23-2	25282	24664	24113	24686	2.37	cps
Strontium	86-1	775	683	725	728	6.31	cps
Strontium	88-1	83	92	67	81	15.80	cps
Sulfur	34-1	410786	413061	411436	411761	0.28	cps
Terbium	159-1	2854967	3115626	2914792	2961795	4.61	cps
Terbium	159-2	1056132	974727	1075579	1035479	5.17	cps
Thallium	203-1	50	67	75	64	19.93	cps
Thallium	205-1	200	150	150	167	17.32	cps
Tin	118-1	467	375	383	408	12.42	cps
Titanium	47-1	133	117	133	128	7.53	cps
Uranium	238-1	33	8	17	19	65.47	cps
Vanadium	51-2	7	33	20	20	66.65	cps
Yttrium	89-1	3282697	3530040	3312690	3375142	4.00	cps
Yttrium	89-2	194508	183089	198114	191904	4.09	cps
Zinc	66-2	40	30	23	31	26.97	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:56:54	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	267	300	283	5.88	cps
Zirconium	91-1	58	75	75	69	13.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	93	143	117	21.47	cps
Antimony	121-1	1392	1258	925	1192	20.17	cps
Arsenic	75-2	491	428	487	469	7.54	cps
Barium	135-1	12006	12556	12373	12312	2.28	cps
Barium	137-1	21460	21877	20684	21340	2.84	cps
Beryllium	9-1	23	17	57	32	66.51	cps
Bismuth	209-1	1482575	1549260	1543735	1525190	2.43	cps
Bismuth	209-2	674875	668337	698121	680445	2.30	cps
Boron	10-1	1483	1442	1584	1503	4.85	cps
Boron	11-1	7852	7427	7327	7536	3.70	cps
Cadmium	111-1	525	423	578	509	15.41	cps
Cadmium	106-1	750	583	783	706	15.19	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	302747	294526	292822	296698	1.79	cps
Calcium	44-1	4994943	4907576	4823856	4908792	1.74	cps
Chromium	52-2	2144	1974	1887	2001	6.53	cps
Cobalt	59-2	393	323	293	337	15.24	cps
Copper	63-2	3060	2837	2654	2850	7.15	cps
Dysprosium	156-1	92	42	50	61	43.83	cps
Dysprosium	156-2	20	13	13	16	24.76	cps
Erbium	164-1	58	33	108	67	57.28	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	25	67	33	42	52.92	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	2710505	2832694	2800713	2781304	2.28	cps
Holmium	165-2	944416	939460	987292	957056	2.75	cps
Indium	115-1	2707166	2807986	2762597	2759250	1.83	cps
Indium	115-2	200759	200903	208394	203352	2.15	cps
Iron	56-2	257402	254638	253882	255307	0.73	cps
Iron	57-2	6435	6329	6602	6455	2.13	cps
Krypton	83-1	657	663	663	661	0.58	cps
Lead	206-1	356	300	333	330	8.48	cps
Lead	207-1	289	267	272	276	4.19	cps
Lead	208-1	1450	1333	1389	1391	4.20	cps
Lithium	6-1	240690	235830	230967	235829	2.06	cps
Magnesium	24-2	229130	226190	219463	224928	2.20	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40318	40331	39426	40025	1.30	cps
Molybdenum	94-1	633	675	550	619	10.27	cps
Molybdenum	95-1	742	900	758	800	10.88	cps
Molybdenum	96-1	850	833	875	853	2.46	cps
Molybdenum	97-1	808	667	867	781	13.18	cps
Molybdenum	98-1	1375	1217	1317	1303	6.15	cps
Neodymium	150-1	80	60	80	73	15.75	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	140	153	193	162	17.11	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	33015	32171	31670	32285	2.10	cps
Rhodium	103-1	2788711	2825911	2810543	2808388	0.67	cps
Rhodium	103-2	1073782	1073620	1120103	1089168	2.46	cps
Scandium	45-1	2230015	2231705	2222682	2228134	0.22	cps
Scandium	45-2	29471	29404	30330	29735	1.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-100	-66	-152	-106	-41.08	cps
Silicon	28-1	4620045	4465463	4372684	4486064	2.79	cps
Silver	109-1	4526	3676	2667	3623	25.69	cps
Silver	107-1	5034	4034	3000	4023	25.28	cps
Sodium	23-2	1056857	1037519	1030383	1041587	1.32	cps
Strontium	86-1	165627	164068	162228	163974	1.04	cps
Strontium	88-1	1464130	1437687	1423561	1441793	1.43	cps
Sulfur	34-1	408463	394007	389600	397356	2.48	cps
Terbium	159-1	2923267	3021825	3033792	2992961	2.03	cps
Terbium	159-2	950426	943020	1001752	965066	3.31	cps
Thallium	203-1	117	50	67	78	44.61	cps
Thallium	205-1	117	100	50	89	39.03	cps
Tin	118-1	1108	983	900	997	10.52	cps
Titanium	47-1	442	308	392	381	17.70	cps
Uranium	238-1	4968	4626	4768	4787	3.59	cps
Vanadium	51-2	37	50	40	42	16.43	cps
Yttrium	89-1	3223149	3312937	3284253	3273446	1.40	cps
Yttrium	89-2	167562	165530	175701	169597	3.17	cps
Zinc	66-2	327	350	340	339	3.45	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:00:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	367	308	306	20.47	cps
Zirconium	91-1	92	108	100	100	8.33	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	133	118	123	6.52	cps
Antimony	121-1	900	817	775	831	7.66	cps
Arsenic	75-2	400	509	443	451	12.22	cps
Barium	135-1	12807	13215	12590	12871	2.47	cps
Barium	137-1	21969	22445	22028	22147	1.17	cps
Beryllium	9-1	33	27	50	37	32.78	cps
Bismuth	209-1	1601000	1583818	1612516	1599111	0.90	cps
Bismuth	209-2	690501	696097	697213	694604	0.52	cps
Boron	10-1	1208	1208	1200	1206	0.40	cps
Boron	11-1	6010	6577	6368	6318	4.54	cps
Cadmium	111-1	450	478	542	490	9.63	cps
Cadmium	106-1	633	683	775	697	10.30	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	295981	292114	286196	291431	1.69	cps
Calcium	44-1	4867624	4821640	4767997	4819087	1.03	cps
Chromium	52-2	2070	1930	1950	1984	3.82	cps
Cobalt	59-2	387	367	310	354	11.22	cps
Copper	63-2	2250	2180	2140	2190	2.54	cps
Dysprosium	156-1	33	33	50	39	24.74	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	33	20	20	24	31.49	cps
Holmium	165-1	2856118	2882897	2964349	2901121	1.94	cps
Holmium	165-2	961654	985972	978811	975479	1.28	cps
Indium	115-1	2877611	2762337	2799529	2813159	2.09	cps
Indium	115-2	198627	204094	203365	202029	1.47	cps
Iron	56-2	258529	252102	255649	255427	1.26	cps
Iron	57-2	6680	6768	6329	6593	3.52	cps
Krypton	83-1	623	620	623	622	0.31	cps
Lead	206-1	244	222	217	228	6.45	cps
Lead	207-1	156	239	172	189	23.35	cps
Lead	208-1	872	839	806	839	3.97	cps
Lithium	6-1	225529	220004	216461	220664	2.07	cps
Magnesium	24-2	227756	221913	222185	223951	1.47	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41060	39696	40252	40336	1.70	cps
Molybdenum	94-1	758	667	575	667	13.75	cps
Molybdenum	95-1	883	692	842	806	12.51	cps
Molybdenum	96-1	817	783	933	845	9.33	cps
Molybdenum	97-1	808	792	933	845	9.17	cps
Molybdenum	98-1	1475	1117	1192	1261	14.99	cps
Neodymium	150-1	87	73	80	80	8.33	cps
Neodymium	150-2	13	0	23	12	95.78	cps
Nickel	60-2	110	130	170	137	22.35	cps
Phosphorus	31-2	25	17	25	22	21.64	cps
Potassium	39-2	30709	31143	31753	31202	1.68	cps
Rhodium	103-1	2841948	2814383	2868855	2841729	0.96	cps
Rhodium	103-2	1080834	1109268	1097281	1095794	1.30	cps
Scandium	45-1	2193984	2174744	2205559	2191429	0.71	cps
Scandium	45-2	29722	29454	29261	29479	0.79	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-38	-100	-59	-66	-47.96	cps
Silicon	28-1	4403113	4242461	4201164	4282246	2.49	cps
Silver	109-1	1925	1700	1300	1642	19.28	cps
Silver	107-1	1759	1458	1559	1592	9.60	cps
Sodium	23-2	1037830	1018686	1030847	1029121	0.94	cps
Strontium	86-1	164444	163224	163596	163755	0.38	cps
Strontium	88-1	1469809	1480747	1463888	1471481	0.58	cps
Sulfur	34-1	395539	384746	381091	387125	1.94	cps
Terbium	159-1	3120674	3089065	3148306	3119348	0.95	cps
Terbium	159-2	968923	981626	976603	975717	0.66	cps
Thallium	203-1	33	50	33	39	24.75	cps
Thallium	205-1	58	67	50	58	14.29	cps
Tin	118-1	775	900	775	817	8.84	cps
Titanium	47-1	308	417	425	383	16.98	cps
Uranium	238-1	4484	4601	4768	4618	3.08	cps
Vanadium	51-2	107	63	63	78	32.17	cps
Yttrium	89-1	3315346	3306257	3356211	3325938	0.80	cps
Yttrium	89-2	166522	169926	168580	168343	1.02	cps
Zinc	66-2	360	330	313	334	7.07	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:03:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	233	400	333	26.46	cps
Zirconium	91-1	75	133	117	108	27.74	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	58	60	63	12.69	cps
Antimony	121-1	117	192	250	186	35.91	cps
Arsenic	75-2	106	85	100	97	10.86	cps
Barium	135-1	2384	2292	2017	2231	8.56	cps
Barium	137-1	4509	3934	3817	4087	9.06	cps
Beryllium	9-1	47	17	27	30	50.91	cps
Bismuth	209-1	1642183	1556486	1754131	1650933	6.00	cps
Bismuth	209-2	761555	739028	733800	744794	1.98	cps
Boron	10-1	642	642	500	594	13.76	cps
Boron	11-1	2650	2909	2717	2759	4.86	cps
Cadmium	111-1	559	523	442	508	11.85	cps
Cadmium	106-1	792	750	642	728	10.64	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	56356	55673	55707	55912	0.69	cps
Calcium	44-1	944261	939612	934850	939574	0.50	cps
Chromium	52-2	1887	1863	1904	1885	1.07	cps
Cobalt	59-2	120	97	160	126	25.51	cps
Copper	63-2	1313	1203	1330	1282	5.37	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	2910496	2902878	3098223	2970532	3.72	cps
Holmium	165-2	1052680	1026216	1008529	1029142	2.16	cps
Indium	115-1	2853382	2806931	2970467	2876927	2.93	cps
Indium	115-2	229865	219433	214829	221375	3.48	cps
Iron	56-2	53625	52639	52003	52755	1.55	cps
Iron	57-2	1411	1400	1428	1413	0.99	cps
Krypton	83-1	647	670	577	631	7.70	cps
Lead	206-1	183	150	194	176	13.15	cps
Lead	207-1	161	139	167	156	9.45	cps
Lead	208-1	606	561	678	615	9.58	cps
Lithium	6-1	248283	244322	256681	249762	2.53	cps
Magnesium	24-2	43693	43852	43058	43534	0.97	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8022	7959	7342	7775	4.83	cps
Molybdenum	94-1	217	225	217	219	2.19	cps
Molybdenum	95-1	183	242	217	214	13.68	cps
Molybdenum	96-1	267	308	225	267	15.63	cps
Molybdenum	97-1	300	267	367	311	16.37	cps
Molybdenum	98-1	300	258	250	269	9.94	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	130	87	110	109	19.92	cps
Phosphorus	31-2	0	33	17	17	99.99	cps
Potassium	39-2	10763	11013	10329	10702	3.23	cps
Rhodium	103-1	2940650	2868185	3106754	2971863	4.12	cps
Rhodium	103-2	1214031	1154751	1142233	1170338	3.28	cps
Scandium	45-1	2309928	2264927	2412471	2329109	3.25	cps
Scandium	45-2	33490	31970	31612	32357	3.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-102	-126	-4	-77	-83.68	cps
Silicon	28-1	1069146	1051162	1089555	1069954	1.80	cps
Silver	109-1	425	508	300	411	25.51	cps
Silver	107-1	283	458	375	372	23.52	cps
Sodium	23-2	212599	213383	208363	211448	1.28	cps
Strontium	86-1	30852	31145	31704	31234	1.39	cps
Strontium	88-1	262853	266381	260428	263221	1.14	cps
Sulfur	34-1	407088	409660	410540	409096	0.44	cps
Terbium	159-1	3125755	3082406	3313898	3174020	3.88	cps
Terbium	159-2	1084821	1030227	1009413	1041487	3.74	cps
Thallium	203-1	8	33	25	22	57.29	cps
Thallium	205-1	58	83	33	58	42.86	cps
Tin	118-1	242	225	242	236	4.08	cps
Titanium	47-1	83	200	125	136	43.43	cps
Uranium	238-1	917	867	750	845	10.13	cps
Vanadium	51-2	30	20	20	23	24.74	cps
Yttrium	89-1	3398236	3269099	3610175	3425837	5.03	cps
Yttrium	89-2	189012	179537	180712	183087	2.82	cps
Zinc	66-2	130	87	113	110	19.87	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0650LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 15:07:20	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	183	242	222	15.15	cps
Zirconium	91-1	50	25	58	44	39.04	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12769	12862	12276	12636	2.49	cps
Antimony	121-1	423568	420979	416767	420438	0.82	cps
Arsenic	75-2	10289	10243	10057	10196	1.20	cps
Barium	135-1	415068	416933	412712	414904	0.51	cps
Barium	137-1	713396	714821	707213	711810	0.57	cps
Beryllium	9-1	54761	54399	52516	53892	2.24	cps
Bismuth	209-1	1719715	1674403	1731910	1708676	1.77	cps
Bismuth	209-2	703764	688020	718387	703391	2.16	cps
Boron	10-1	8770	8920	8586	8759	1.91	cps
Boron	11-1	44002	43819	43476	43765	0.61	cps
Cadmium	111-1	96048	96304	94607	95653	0.96	cps
Cadmium	106-1	11072	10913	10705	10897	1.69	cps
Cadmium	108-1	6852	6873	6848	6857	0.20	cps
Calcium	43-1	428691	425769	419400	424620	1.12	cps
Calcium	44-1	7024612	6989611	6791046	6935089	1.82	cps
Chromium	52-2	76689	75857	75871	76139	0.63	cps
Cobalt	59-2	151420	148387	147552	149120	1.37	cps
Copper	63-2	254576	251966	249008	251850	1.11	cps
Dysprosium	156-1	50	42	92	61	43.83	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	33	42	47	36.73	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	3048862	2897489	3003797	2983382	2.61	cps
Holmium	165-2	991927	949762	999520	980403	2.73	cps
Indium	115-1	2859265	2757024	2875804	2830698	2.27	cps
Indium	115-2	203735	196164	203922	201274	2.20	cps
Iron	56-2	2951292	2911560	2907968	2923607	0.82	cps
Iron	57-2	72249	70668	70874	71264	1.21	cps
Krypton	83-1	680	630	730	680	7.35	cps
Lead	206-1	189337	188152	185830	187773	0.95	cps
Lead	207-1	164193	166398	162354	164315	1.23	cps
Lead	208-1	748461	751446	743530	747812	0.53	cps
Lithium	6-1	243588	229184	226644	233139	3.92	cps
Magnesium	24-2	504175	501398	500643	502072	0.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83900	84745	85285	84644	0.82	cps
Molybdenum	94-1	799223	794483	775709	789805	1.57	cps
Molybdenum	95-1	958724	965468	940145	954779	1.37	cps
Molybdenum	96-1	1057462	1057011	1037566	1050679	1.08	cps
Molybdenum	97-1	593176	594158	582361	589899	1.11	cps
Molybdenum	98-1	1568412	1597978	1543013	1569801	1.75	cps
Neodymium	150-1	100	100	120	107	10.83	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	43582	43541	44227	43783	0.88	cps
Phosphorus	31-2	42	0	25	22	94.38	cps
Potassium	39-2	119521	117858	114867	117415	2.01	cps
Rhodium	103-1	2892413	2842304	2879525	2871414	0.91	cps
Rhodium	103-2	1098370	1064036	1110530	1090978	2.21	cps
Scandium	45-1	2243314	2173609	2239140	2218687	1.76	cps
Scandium	45-2	29501	29277	29758	29512	0.82	cps
Selenium	77-2	100	80	70	83	18.33	cps
Selenium	78-2	283	248	280	270	7.15	cps
Selenium	82-1	7090	7068	7002	7053	0.65	cps
Silicon	28-1	4641912	4544896	4346595	4511134	3.34	cps
Silver	109-1	441001	433846	439982	438276	0.88	cps
Silver	107-1	470553	468495	459441	466163	1.27	cps
Sodium	23-2	1734585	1738816	1701177	1724860	1.20	cps
Strontium	86-1	286983	287029	280214	284742	1.38	cps
Strontium	88-1	2573135	2555339	2512393	2546956	1.23	cps
Sulfur	34-1	405606	400422	390030	398686	1.99	cps
Terbium	159-1	3216854	3124296	3236507	3192552	1.88	cps
Terbium	159-2	987379	962742	1009318	986480	2.36	cps
Thallium	203-1	231855	232526	228788	231056	0.86	cps
Thallium	205-1	548190	548539	545654	547461	0.29	cps
Tin	118-1	272334	276720	274906	274653	0.80	cps
Titanium	47-1	301115	297070	288874	295686	2.11	cps
Uranium	238-1	663661	675368	670447	669825	0.88	cps
Vanadium	51-2	55998	54850	55168	55339	1.07	cps
Yttrium	89-1	3452898	3320054	3349352	3374102	2.07	cps
Yttrium	89-2	171070	162908	171289	168422	2.84	cps
Zinc	66-2	27684	27140	27060	27295	1.24	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:10:50	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	666839	664870	653692	661800	1.07	cps
Zirconium	91-1	151823	149867	147543	149744	1.43	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12516	12822	12656	12665	1.21	cps
Antimony	121-1	413812	419913	412731	415486	0.93	cps
Arsenic	75-2	10263	10126	10330	10240	1.02	cps
Barium	135-1	416020	410496	414870	413795	0.70	cps
Barium	137-1	710091	708184	716063	711446	0.58	cps
Beryllium	9-1	53697	53118	51559	52791	2.09	cps
Bismuth	209-1	1698364	1762822	1797214	1752800	2.86	cps
Bismuth	209-2	701058	699139	664057	688085	3.03	cps
Boron	10-1	8678	8520	8845	8681	1.87	cps
Boron	11-1	42422	43007	42247	42559	0.94	cps
Cadmium	111-1	96323	95760	94595	95559	0.92	cps
Cadmium	106-1	10871	10580	10605	10685	1.51	cps
Cadmium	108-1	6935	7064	6873	6957	1.41	cps
Calcium	43-1	418944	414453	417014	416804	0.54	cps
Calcium	44-1	6876683	6824011	6858160	6852951	0.39	cps
Chromium	52-2	76954	76367	76558	76626	0.39	cps
Cobalt	59-2	149303	148148	148326	148592	0.42	cps
Copper	63-2	251998	253184	252026	252402	0.27	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	20	37	23	27	33.08	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	10	0	40	17	124.90	cps
Gadolinium	160-1	83	17	58	53	63.81	cps
Gadolinium	160-2	7	13	30	17	72.11	cps
Holmium	165-1	2966513	3096234	3151147	3071298	3.09	cps
Holmium	165-2	973918	961418	923748	953028	2.74	cps
Indium	115-1	2791502	2936153	2918938	2882198	2.74	cps
Indium	115-2	198359	196439	189394	194731	2.42	cps
Iron	56-2	2900379	2864190	2910635	2891735	0.84	cps
Iron	57-2	69903	69517	70774	70065	0.92	cps
Krypton	83-1	710	730	630	690	7.67	cps
Lead	206-1	188460	189336	189932	189242	0.39	cps
Lead	207-1	165594	164791	165321	165235	0.25	cps
Lead	208-1	755111	750156	754600	753289	0.36	cps
Lithium	6-1	230453	230860	230349	230554	0.12	cps
Magnesium	24-2	503010	501148	499178	501112	0.38	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83732	83538	84782	84018	0.80	cps
Molybdenum	94-1	790749	788857	782506	787371	0.55	cps
Molybdenum	95-1	952914	948866	966761	956181	0.98	cps
Molybdenum	96-1	1049440	1049039	1062600	1053693	0.73	cps
Molybdenum	97-1	587538	587824	593556	589640	0.58	cps
Molybdenum	98-1	1555239	1553899	1579770	1562969	0.93	cps
Neodymium	150-1	87	67	113	89	26.34	cps
Neodymium	150-2	33	30	20	28	24.98	cps
Nickel	60-2	43929	43863	44314	44035	0.55	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	114992	115665	117345	116001	1.04	cps
Rhodium	103-1	2851562	2923389	3028242	2934398	3.03	cps
Rhodium	103-2	1075337	1077837	1025337	1059504	2.80	cps
Scandium	45-1	2206045	2244457	2250851	2233785	1.08	cps
Scandium	45-2	28215	28245	27260	27907	2.01	cps
Selenium	77-2	77	77	107	87	19.98	cps
Selenium	78-2	222	196	261	227	14.40	cps
Selenium	82-1	6990	6933	6878	6934	0.80	cps
Silicon	28-1	4435226	4441447	4385469	4420714	0.69	cps
Silver	109-1	445642	435449	436844	439312	1.26	cps
Silver	107-1	465012	466087	464702	465267	0.16	cps
Sodium	23-2	1757083	1712516	1734309	1734636	1.28	cps
Strontium	86-1	284023	280580	283752	282785	0.68	cps
Strontium	88-1	2544313	2532661	2546603	2541192	0.29	cps
Sulfur	34-1	406882	393796	393139	397939	1.95	cps
Terbium	159-1	3160997	3309996	3370858	3280617	3.29	cps
Terbium	159-2	981324	972613	920232	958056	3.45	cps
Thallium	203-1	231108	232101	233300	232170	0.47	cps
Thallium	205-1	558227	552481	555583	555431	0.52	cps
Tin	118-1	272459	277567	273903	274643	0.96	cps
Titanium	47-1	290782	290498	290009	290430	0.13	cps
Uranium	238-1	673692	678371	676870	676311	0.35	cps
Vanadium	51-2	54937	54586	55128	54884	0.50	cps
Yttrium	89-1	3291915	3460124	3453444	3401827	2.80	cps
Yttrium	89-2	167273	164792	157969	163345	2.95	cps
Zinc	66-2	26863	26766	27267	26965	0.99	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:14:16	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	662308	660680	656952	659980	0.42	cps
Zirconium	91-1	148519	147267	148014	147933	0.43	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12188	12283	12456	12309	1.10	cps
Antimony	121-1	415644	408223	413347	412405	0.92	cps
Arsenic	75-2	10043	10078	10361	10161	1.72	cps
Barium	135-1	417485	407513	408629	411209	1.33	cps
Barium	137-1	720093	706364	710726	712394	0.98	cps
Beryllium	9-1	53124	51716	52087	52309	1.40	cps
Bismuth	209-1	1766105	1817650	1750129	1777961	1.98	cps
Bismuth	209-2	719504	713694	712258	715152	0.54	cps
Boron	10-1	8428	8269	8128	8275	1.81	cps
Boron	11-1	43250	42397	42623	42757	1.03	cps
Cadmium	111-1	93999	93823	95787	94536	1.15	cps
Cadmium	106-1	10780	10905	10563	10749	1.61	cps
Cadmium	108-1	7169	6639	6748	6852	4.08	cps
Calcium	43-1	416577	408847	409477	411634	1.04	cps
Calcium	44-1	6806987	6677649	6775377	6753338	1.00	cps
Chromium	52-2	74698	74369	74745	74604	0.27	cps
Cobalt	59-2	147953	146989	145476	146806	0.85	cps
Copper	63-2	246943	246219	249182	247448	0.62	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	7	30	23	20	60.08	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	3064481	3132293	3080439	3092404	1.15	cps
Holmium	165-2	995888	976038	988806	986911	1.02	cps
Indium	115-1	2829962	2921002	2914601	2888522	1.76	cps
Indium	115-2	203077	199950	198383	200470	1.19	cps
Iron	56-2	2878402	2867034	2863747	2869728	0.27	cps
Iron	57-2	69406	68887	70533	69609	1.21	cps
Krypton	83-1	610	707	670	662	7.37	cps
Lead	206-1	189160	185919	189256	188112	1.01	cps
Lead	207-1	163325	165126	164468	164307	0.55	cps
Lead	208-1	753046	745013	754525	750861	0.68	cps
Lithium	6-1	233293	232516	224026	229945	2.24	cps
Magnesium	24-2	496534	493074	489748	493119	0.69	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82673	83427	83042	83048	0.45	cps
Molybdenum	94-1	779778	770159	769153	773030	0.76	cps
Molybdenum	95-1	940442	934136	933672	936083	0.40	cps
Molybdenum	96-1	1025787	1025588	1023466	1024947	0.13	cps
Molybdenum	97-1	578349	582524	574848	578574	0.66	cps
Molybdenum	98-1	1533656	1553197	1526692	1537848	0.89	cps
Neodymium	150-1	127	107	93	109	15.41	cps
Neodymium	150-2	40	23	13	26	52.73	cps
Nickel	60-2	43689	43277	43568	43511	0.49	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	113925	113976	113875	113925	0.04	cps
Rhodium	103-1	2868750	3008701	2894704	2924052	2.55	cps
Rhodium	103-2	1108329	1090597	1088221	1095716	1.00	cps
Scandium	45-1	2194513	2273113	2198167	2221931	2.00	cps
Scandium	45-2	28990	28806	28532	28776	0.80	cps
Selenium	77-2	60	83	70	71	16.47	cps
Selenium	78-2	276	211	272	253	14.38	cps
Selenium	82-1	7085	6837	7126	7016	2.23	cps
Silicon	28-1	4433234	4267059	4254226	4318173	2.31	cps
Silver	109-1	435501	434006	435383	434964	0.19	cps
Silver	107-1	459321	459797	453905	457674	0.72	cps
Sodium	23-2	1720887	1705640	1681893	1702807	1.15	cps
Strontium	86-1	285038	282415	281832	283095	0.60	cps
Strontium	88-1	2507511	2488121	2539148	2511593	1.03	cps
Sulfur	34-1	402452	387764	385989	392068	2.30	cps
Terbium	159-1	3233048	3350048	3235967	3273021	2.04	cps
Terbium	159-2	1004307	981415	990567	992097	1.16	cps
Thallium	203-1	230759	230651	233413	231608	0.68	cps
Thallium	205-1	551257	546821	551277	549785	0.47	cps
Tin	118-1	271609	272332	273660	272533	0.38	cps
Titanium	47-1	283002	285839	284013	284284	0.51	cps
Uranium	238-1	682926	675351	679395	679224	0.56	cps
Vanadium	51-2	54603	53663	54027	54097	0.88	cps
Yttrium	89-1	3367828	3447507	3371465	3395600	1.32	cps
Yttrium	89-2	169765	166657	163817	166746	1.78	cps
Zinc	66-2	26743	26312	26592	26549	0.82	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1098-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0650ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:17:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658194	648717	650178	652363	0.78	cps
Zirconium	91-1	149176	143761	144181	145706	2.07	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430241	429006	428227	429158	0.24	cps
Antimony	121-1	2290878	2251720	2219519	2254039	1.59	cps
Arsenic	75-2	60461	60266	60448	60392	0.18	cps
Barium	135-1	2209486	2168798	2126887	2168390	1.90	cps
Barium	137-1	3736221	3695979	3619400	3683867	1.61	cps
Beryllium	9-1	357605	352104	347840	352516	1.39	cps
Bismuth	209-1	1545033	1520948	1556230	1540737	1.17	cps
Bismuth	209-2	700644	691597	735092	709111	3.24	cps
Boron	10-1	50916	51284	51217	51139	0.38	cps
Boron	11-1	248960	252876	249158	250332	0.88	cps
Cadmium	111-1	496915	487510	485907	490110	1.21	cps
Cadmium	106-1	53390	53373	52846	53203	0.58	cps
Cadmium	108-1	36299	35698	35752	35916	0.93	cps
Calcium	43-1	3479721	3465314	3417929	3454321	0.94	cps
Calcium	44-1	54958944	55151008	54832594	54980849	0.29	cps
Chromium	52-2	459660	457631	455454	457582	0.46	cps
Cobalt	59-2	854635	857884	842626	851715	0.94	cps
Copper	63-2	1360898	1370337	1357980	1363072	0.47	cps
Dysprosium	156-1	58	58	33	50	28.88	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	33	25	17	25	33.34	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	2909206	2860118	2923284	2897536	1.14	cps
Holmium	165-2	1024458	1002566	1079720	1035581	3.84	cps
Indium	115-1	2772018	2807581	2859388	2812995	1.56	cps
Indium	115-2	216758	216087	234900	222582	4.80	cps
Iron	56-2	77378382	77888107	76480807	77249099	0.92	cps
Iron	57-2	1964984	1971319	1953800	1963368	0.45	cps
Krypton	83-1	623	580	620	608	3.97	cps
Lead	206-1	913214	889736	887650	896867	1.58	cps
Lead	207-1	816749	807446	799372	807856	1.08	cps
Lead	208-1	3812710	3787164	3715401	3771759	1.34	cps
Lithium	6-1	304823	302306	304529	303886	0.45	cps
Magnesium	24-2	8866284	8862834	8887149	8872089	0.15	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275432	275695	274625	275251	0.20	cps
Molybdenum	94-1	4289272	4224667	4214593	4242844	0.96	cps
Molybdenum	95-1	5237022	5205503	5238747	5227091	0.36	cps
Molybdenum	96-1	5765931	5676443	5713263	5718546	0.79	cps
Molybdenum	97-1	3226163	3180921	3206643	3204576	0.71	cps
Molybdenum	98-1	8258356	8222700	8109698	8196918	0.95	cps
Neodymium	150-1	100	87	80	89	11.46	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	248725	247468	246631	247608	0.43	cps
Phosphorus	31-2	7444	7235	6794	7158	4.64	cps
Potassium	39-2	2842533	2832560	2861493	2845529	0.52	cps
Rhodium	103-1	2842471	2800260	2911160	2851297	1.96	cps
Rhodium	103-2	1095502	1086414	1168607	1116841	4.03	cps
Scandium	45-1	2475151	2486862	2567271	2509761	2.00	cps
Scandium	45-2	34649	34292	38172	35704	6.01	cps
Selenium	77-2	403	393	493	430	12.81	cps
Selenium	78-2	1530	1558	1608	1565	2.52	cps
Selenium	82-1	38792	38636	38044	38491	1.03	cps
Silicon	28-1	1737114	1762335	1762670	1754040	0.84	cps
Silver	109-1	2356833	2315250	2302813	2324965	1.22	cps
Silver	107-1	2456125	2453770	2447662	2452519	0.18	cps
Sodium	23-2	20736819	20951274	20718559	20802217	0.62	cps
Strontium	86-1	660251	648994	651555	653600	0.90	cps
Strontium	88-1	5785378	5762972	5722487	5756946	0.55	cps
Sulfur	34-1	681733	681312	670467	677837	0.94	cps
Terbium	159-1	3063488	3056818	3176932	3099079	2.18	cps
Terbium	159-2	1015433	1009461	1083007	1035967	3.94	cps
Thallium	203-1	1138192	1111171	1088580	1112648	2.23	cps
Thallium	205-1	2851510	2734474	2726812	2770932	2.52	cps
Tin	118-1	1462671	1454806	1424150	1447209	1.41	cps
Titanium	47-1	1797196	1780009	1783870	1787025	0.50	cps
Uranium	238-1	3573540	3431733	3332136	3445803	3.52	cps
Vanadium	51-2	337803	334066	333985	335285	0.65	cps
Yttrium	89-1	3463791	3437139	3581322	3494084	2.20	cps
Yttrium	89-2	191039	187760	202980	193926	4.13	cps
Zinc	66-2	158008	158732	155649	157463	1.02	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:35	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3553176	3581503	3540790	3558490	0.59	cps
Zirconium	91-1	781418	775749	777386	778184	0.37	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:33:11	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	53	48	48	10.52	cps
Antimony	121-1	633	733	958	775	21.48	cps
Arsenic	75-2	11	11	7	10	21.63	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	67	58	58	61	7.87	cps
Beryllium	9-1	63	37	43	48	29.04	cps
Bismuth	209-1	1744670	1509562	1557818	1604017	7.74	cps
Bismuth	209-2	778089	728526	753034	753216	3.29	cps
Boron	10-1	733	658	450	614	23.91	cps
Boron	11-1	2950	3084	2834	2956	4.23	cps
Cadmium	111-1	578	573	545	565	3.21	cps
Cadmium	106-1	808	817	758	795	3.97	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	243	273	223	247	10.20	cps
Calcium	44-1	32932	31907	32698	32512	1.65	cps
Chromium	52-2	1890	1820	1987	1899	4.41	cps
Cobalt	59-2	70	80	67	72	9.61	cps
Copper	63-2	1340	1160	1203	1235	7.61	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	50	17	173.21	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	3039396	2627796	2695662	2787618	7.92	cps
Holmium	165-2	1081593	1006520	1028251	1038788	3.72	cps
Indium	115-1	3062664	2679023	2716250	2819312	7.50	cps
Indium	115-2	239498	221622	224668	228596	4.18	cps
Iron	56-2	4851	4634	4223	4569	6.98	cps
Iron	57-2	117	133	100	117	14.29	cps
Krypton	83-1	610	647	663	640	4.26	cps
Lead	206-1	433	422	367	407	8.77	cps
Lead	207-1	372	389	350	370	5.27	cps
Lead	208-1	1795	1556	1500	1617	9.68	cps
Lithium	6-1	323712	287980	300771	304154	5.95	cps
Magnesium	24-2	325	325	392	347	11.09	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:33:11 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	100	90	99	8.48	cps
Molybdenum	94-1	325	375	308	336	10.32	cps
Molybdenum	95-1	200	192	217	203	6.28	cps
Molybdenum	96-1	333	350	342	342	2.44	cps
Molybdenum	97-1	492	392	442	442	11.32	cps
Molybdenum	98-1	475	417	325	406	18.64	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	83	107	92	13.69	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6652	6568	6560	6594	0.77	cps
Rhodium	103-1	3162303	2734877	2812583	2903255	7.84	cps
Rhodium	103-2	1231712	1140060	1179309	1183694	3.88	cps
Scandium	45-1	2601560	2247257	2365916	2404911	7.50	cps
Scandium	45-2	36120	33336	33804	34420	4.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-78	-76	-141	-98	-37.55	cps
Silicon	28-1	272460	272563	270278	271767	0.47	cps
Silver	109-1	525	375	408	436	18.06	cps
Silver	107-1	575	425	467	489	15.84	cps
Sodium	23-2	17920	17845	17461	17742	1.39	cps
Strontium	86-1	1008	883	842	911	9.52	cps
Strontium	88-1	67	125	133	108	33.53	cps
Sulfur	34-1	446832	447498	449991	448107	0.37	cps
Terbium	159-1	3225221	2822396	2915548	2987722	7.06	cps
Terbium	159-2	1099878	1022099	1044687	1055554	3.79	cps
Thallium	203-1	125	125	117	122	3.94	cps
Thallium	205-1	242	150	125	172	35.67	cps
Tin	118-1	367	283	367	339	14.20	cps
Titanium	47-1	108	142	100	117	18.89	cps
Uranium	238-1	33	58	67	53	32.88	cps
Vanadium	51-2	30	13	20	21	39.75	cps
Yttrium	89-1	3654767	3225131	3307476	3395791	6.72	cps
Yttrium	89-2	200014	185759	189797	191857	3.83	cps
Zinc	66-2	40	47	30	39	21.57	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:33:11	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	333	342	314	13.10	cps
Zirconium	91-1	100	42	42	61	55.11	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	43	45	51	24.27	cps
Antimony	121-1	233	242	333	269	20.59	cps
Arsenic	75-2	4	19	6	9	87.18	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	25	33	17	25	33.34	cps
Beryllium	9-1	47	37	43	42	12.06	cps
Bismuth	209-1	1702772	1531901	1562631	1599101	5.70	cps
Bismuth	209-2	812092	772681	760745	781839	3.44	cps
Boron	10-1	258	375	342	325	18.49	cps
Boron	11-1	1950	1692	1709	1784	8.11	cps
Cadmium	111-1	548	483	519	517	6.26	cps
Cadmium	106-1	775	675	733	728	6.90	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	207	247	250	234	10.29	cps
Calcium	44-1	30523	30757	30697	30659	0.40	cps
Chromium	52-2	1873	2024	1897	1931	4.18	cps
Cobalt	59-2	87	70	77	78	10.79	cps
Copper	63-2	1113	1200	1160	1158	3.75	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	0	8	50	19	137.78	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	2863802	2751570	2804866	2806746	2.00	cps
Holmium	165-2	1102688	1061982	1038453	1067707	3.04	cps
Indium	115-1	2876635	2770269	2832268	2826391	1.89	cps
Indium	115-2	242790	229307	229813	233970	3.27	cps
Iron	56-2	4223	4340	4179	4247	1.96	cps
Iron	57-2	100	111	106	106	5.27	cps
Krypton	83-1	600	643	660	634	4.88	cps
Lead	206-1	300	394	394	363	15.02	cps
Lead	207-1	294	333	250	293	14.25	cps
Lead	208-1	1261	1400	1372	1345	5.47	cps
Lithium	6-1	328457	322846	323077	324793	0.98	cps
Magnesium	24-2	258	350	342	317	16.01	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	63	80	88	33.18	cps
Molybdenum	94-1	167	175	192	178	7.16	cps
Molybdenum	95-1	150	92	133	125	24.04	cps
Molybdenum	96-1	92	133	158	128	26.36	cps
Molybdenum	97-1	183	225	208	206	10.20	cps
Molybdenum	98-1	100	200	108	136	40.77	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	117	70	94	24.79	cps
Phosphorus	31-2	33	25	33	31	15.74	cps
Potassium	39-2	6368	6010	6669	6349	5.19	cps
Rhodium	103-1	3062126	2895144	2916443	2957904	3.07	cps
Rhodium	103-2	1249328	1193241	1171981	1204850	3.32	cps
Scandium	45-1	2498906	2405881	2384960	2429916	2.50	cps
Scandium	45-2	35909	34803	33416	34710	3.60	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	4	9	6	45.85	cps
Selenium	82-1	-31	-61	-128	-73	-67.98	cps
Silicon	28-1	287201	285703	285765	286223	0.30	cps
Silver	109-1	242	250	142	211	28.56	cps
Silver	107-1	250	225	275	250	10.00	cps
Sodium	23-2	15017	14650	15325	14997	2.26	cps
Strontium	86-1	825	717	925	822	12.67	cps
Strontium	88-1	33	67	75	58	37.80	cps
Sulfur	34-1	462752	461296	463777	462608	0.27	cps
Terbium	159-1	3108826	2959730	3071855	3046804	2.55	cps
Terbium	159-2	1132624	1081611	1058176	1090804	3.49	cps
Thallium	203-1	42	42	67	50	28.87	cps
Thallium	205-1	250	200	167	206	20.41	cps
Tin	118-1	233	367	283	294	22.88	cps
Titanium	47-1	42	58	83	61	34.32	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	20	20	20	20	0.00	cps
Yttrium	89-1	3491910	3313463	3387760	3397711	2.64	cps
Yttrium	89-2	200334	192368	191449	194717	2.51	cps
Zinc	66-2	67	43	57	56	21.08	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BL	Instrumnet Name :	P8
Client Sample ID :	PB116244BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:38:38	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	208	225	283	239	16.49	cps
Zirconium	91-1	75	75	75	75	0.00	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : PB116244BS Instrumnet Name : P8
 Client Sample ID : PB116244BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:42:08 DataFile Name : 068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81612	80531	82537	81560	1.23	cps
Antimony	121-1	2236556	2272844	2216493	2241964	1.27	cps
Arsenic	75-2	60426	60327	61575	60776	1.14	cps
Barium	135-1	2143114	2187628	2134467	2155070	1.32	cps
Barium	137-1	3591851	3760965	3630066	3660961	2.42	cps
Beryllium	9-1	366328	376918	368109	370452	1.53	cps
Bismuth	209-1	1510320	1483578	1499693	1497864	0.90	cps
Bismuth	209-2	758526	755492	779956	764658	1.74	cps
Boron	10-1	50657	53417	52355	52143	2.67	cps
Boron	11-1	253810	267767	265343	262307	2.84	cps
Cadmium	111-1	488935	499564	489963	492821	1.19	cps
Cadmium	106-1	52980	53867	51500	52782	2.27	cps
Cadmium	108-1	35029	36713	36412	36051	2.49	cps
Calcium	43-1	676366	707354	684139	689286	2.34	cps
Calcium	44-1	11156118	11520803	11161153	11279358	1.85	cps
Chromium	52-2	461584	454526	460532	458881	0.83	cps
Cobalt	59-2	871027	865532	879984	872181	0.84	cps
Copper	63-2	1426360	1422927	1442826	1430704	0.74	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	50	0	22	114.56	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	2836290	2771616	2831776	2813228	1.28	cps
Holmium	165-2	1069110	1041513	1093351	1067991	2.43	cps
Indium	115-1	2678777	2661678	2702808	2681088	0.77	cps
Indium	115-2	227674	220228	231289	226397	2.49	cps
Iron	56-2	16105554	15866057	15879098	15950236	0.84	cps
Iron	57-2	393894	389635	394053	392528	0.64	cps
Krypton	83-1	683	677	530	630	13.76	cps
Lead	206-1	895183	920316	911376	908958	1.40	cps
Lead	207-1	812603	833839	813221	819888	1.47	cps
Lead	208-1	3745216	3838191	3785010	3789472	1.23	cps
Lithium	6-1	325910	325708	323121	324913	0.48	cps
Magnesium	24-2	1960286	1933568	1946915	1946923	0.69	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BS	Instrumnet Name :	P8
Client Sample ID :	PB116244BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:42:08	DataFile Name :	068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	282322	276846	281976	280381	1.09	cps
Molybdenum	94-1	4121769	4264893	4129156	4171940	1.93	cps
Molybdenum	95-1	5081895	5309176	5154389	5181820	2.24	cps
Molybdenum	96-1	5525719	5749743	5574973	5616811	2.10	cps
Molybdenum	97-1	3093879	3205134	3110382	3136465	1.91	cps
Molybdenum	98-1	8074232	8265235	8008473	8115980	1.64	cps
Neodymium	150-1	87	127	113	109	18.70	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	256967	253702	258064	256244	0.89	cps
Phosphorus	31-2	7511	7436	7619	7522	1.23	cps
Potassium	39-2	563172	564239	569455	565622	0.59	cps
Rhodium	103-1	2768876	2762913	2756982	2762924	0.22	cps
Rhodium	103-2	1149569	1135044	1186632	1157081	2.30	cps
Scandium	45-1	2385053	2362561	2356023	2367879	0.64	cps
Scandium	45-2	34546	34707	36391	35214	2.90	cps
Selenium	77-2	453	460	457	457	0.73	cps
Selenium	78-2	1674	1678	1600	1651	2.66	cps
Selenium	82-1	37297	38959	38622	38293	2.29	cps
Silicon	28-1	1840002	1922440	1855018	1872487	2.34	cps
Silver	109-1	2362963	2391168	2369830	2374654	0.62	cps
Silver	107-1	2473326	2577479	2497956	2516254	2.16	cps
Sodium	23-2	4363066	4269026	4285031	4305708	1.17	cps
Strontium	86-1	640412	658488	637823	645574	1.74	cps
Strontium	88-1	5603808	5827890	5699465	5710388	1.97	cps
Sulfur	34-1	672035	677326	666541	671968	0.80	cps
Terbium	159-1	2921807	2926467	2977989	2942088	1.06	cps
Terbium	159-2	1082325	1060774	1118086	1087061	2.66	cps
Thallium	203-1	1140668	1154785	1132961	1142805	0.97	cps
Thallium	205-1	2778745	2872888	2839230	2830288	1.69	cps
Tin	118-1	1428085	1518945	1445578	1464202	3.29	cps
Titanium	47-1	1749288	1822900	1747087	1773092	2.43	cps
Uranium	238-1	3411559	3495606	3471389	3459518	1.25	cps
Vanadium	51-2	337095	334537	334157	335263	0.48	cps
Yttrium	89-1	3301807	3267622	3385986	3318471	1.84	cps
Yttrium	89-2	192150	187939	198257	192782	2.69	cps
Zinc	66-2	162123	160641	163676	162147	0.94	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	PB116244BS	Instrumnet Name :	P8
Client Sample ID :	PB116244BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:42:08	DataFile Name :	068LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3375918	3542562	3536830	3485103	2.71	cps
Zirconium	91-1	750896	780472	757455	762941	2.04	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1896	1806	1721	1807	4.84	cps
Antimony	121-1	6318	6243	5651	6071	6.02	cps
Arsenic	75-2	2726	2695	2604	2675	2.37	cps
Barium	135-1	18964	20926	19657	19849	5.01	cps
Barium	137-1	33368	34697	34563	34209	2.14	cps
Beryllium	9-1	33	37	50	40	22.05	cps
Bismuth	209-1	1667728	1703339	1651674	1674247	1.58	cps
Bismuth	209-2	682985	640724	654319	659343	3.27	cps
Boron	10-1	4176	4226	4042	4148	2.28	cps
Boron	11-1	22051	21200	20274	21175	4.20	cps
Cadmium	111-1	445	422	329	399	15.43	cps
Cadmium	106-1	608	575	467	550	13.47	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	607958	617521	595377	606952	1.83	cps
Calcium	44-1	10061891	10311689	9836777	10070119	2.36	cps
Chromium	52-2	2734	2747	2557	2679	3.96	cps
Cobalt	59-2	897	890	823	870	4.66	cps
Copper	63-2	7719	7479	7142	7447	3.89	cps
Dysprosium	156-1	208	267	292	256	16.74	cps
Dysprosium	156-2	83	100	73	86	15.75	cps
Erbium	164-1	142	208	142	164	23.49	cps
Erbium	164-2	50	53	40	48	14.52	cps
Gadolinium	160-1	283	183	192	219	25.29	cps
Gadolinium	160-2	93	80	77	83	10.59	cps
Holmium	165-1	2769714	2947604	2884132	2867150	3.14	cps
Holmium	165-2	944224	895927	903356	914502	2.84	cps
Indium	115-1	2612406	2673086	2639977	2641823	1.15	cps
Indium	115-2	190251	181030	175257	182179	4.15	cps
Iron	56-2	275826	272332	268645	272268	1.32	cps
Iron	57-2	7358	6513	6624	6832	6.72	cps
Krypton	83-1	623	680	667	657	4.51	cps
Lead	206-1	1133	1089	1083	1102	2.49	cps
Lead	207-1	1111	972	861	982	12.76	cps
Lead	208-1	4717	4289	4195	4400	6.33	cps
Lithium	6-1	235984	229275	213297	226186	5.15	cps
Magnesium	24-2	591344	574952	584653	583650	1.41	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52117	52901	50685	51901	2.17	cps
Molybdenum	94-1	13015	13424	13649	13363	2.40	cps
Molybdenum	95-1	21902	22169	22561	22211	1.49	cps
Molybdenum	96-1	22753	24222	23964	23646	3.32	cps
Molybdenum	97-1	13457	14350	13966	13924	3.21	cps
Molybdenum	98-1	35264	36007	36768	36013	2.09	cps
Neodymium	150-1	413	400	407	407	1.64	cps
Neodymium	150-2	77	127	93	99	25.74	cps
Nickel	60-2	1140	1267	1137	1181	6.27	cps
Phosphorus	31-2	0	25	33	19	89.21	cps
Potassium	39-2	100297	100187	98611	99698	0.95	cps
Rhodium	103-1	2606225	2616152	2636824	2619734	0.60	cps
Rhodium	103-2	1034992	984681	993977	1004550	2.66	cps
Scandium	45-1	1959595	2018826	1932109	1970177	2.25	cps
Scandium	45-2	26569	23757	24802	25043	5.67	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-18	-116	-109	-81	-67.07	cps
Silicon	28-1	12150027	11991914	11495968	11879303	2.87	cps
Silver	109-1	7486	5793	4734	6004	23.11	cps
Silver	107-1	8119	6002	5318	6480	22.54	cps
Sodium	23-2	3254983	3172304	3183886	3203724	1.40	cps
Strontium	86-1	444422	449414	446167	446667	0.57	cps
Strontium	88-1	3938443	4033949	3942377	3971590	1.36	cps
Sulfur	34-1	582366	562425	553364	566052	2.62	cps
Terbium	159-1	2965622	3093746	3081141	3046836	2.32	cps
Terbium	159-2	949592	913942	905876	923137	2.52	cps
Thallium	203-1	67	92	125	94	30.99	cps
Thallium	205-1	250	133	175	186	31.77	cps
Tin	118-1	5485	6043	5651	5727	5.01	cps
Titanium	47-1	9637	10279	9720	9879	3.54	cps
Uranium	238-1	15394	16537	16670	16200	4.33	cps
Vanadium	51-2	470	540	563	524	9.26	cps
Yttrium	89-1	3062572	3123845	3085794	3090737	1.00	cps
Yttrium	89-2	157218	147781	147272	150757	3.72	cps
Zinc	66-2	1303	1303	1240	1282	2.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0645	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:46:13	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1492	1442	1458	1464	1.74	cps
Zirconium	91-1	333	350	325	336	3.79	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1771	1791	1786	1782	0.58	cps
Antimony	121-1	4368	4393	4334	4365	0.67	cps
Arsenic	75-2	2637	2647	2680	2655	0.84	cps
Barium	135-1	19749	20967	18989	19902	5.01	cps
Barium	137-1	34588	35424	33368	34460	3.00	cps
Beryllium	9-1	43	30	37	37	18.18	cps
Bismuth	209-1	1643003	1717549	1621206	1660586	3.04	cps
Bismuth	209-2	651496	660911	646955	653121	1.09	cps
Boron	10-1	2967	3434	3242	3214	7.30	cps
Boron	11-1	17303	17244	17094	17214	0.62	cps
Cadmium	111-1	517	468	371	452	16.37	cps
Cadmium	106-1	717	658	533	636	14.73	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	574341	581401	554675	570139	2.43	cps
Calcium	44-1	9446811	9599307	9070121	9372080	2.91	cps
Chromium	52-2	2577	2717	2484	2593	4.53	cps
Cobalt	59-2	833	860	893	862	3.49	cps
Copper	63-2	6472	6148	6318	6313	2.56	cps
Dysprosium	156-1	333	250	292	292	14.29	cps
Dysprosium	156-2	77	77	67	73	7.87	cps
Erbium	164-1	125	100	217	147	41.72	cps
Erbium	164-2	77	27	73	59	47.47	cps
Gadolinium	160-1	183	233	250	222	15.61	cps
Gadolinium	160-2	97	140	73	103	32.73	cps
Holmium	165-1	2830847	3007021	2809304	2882391	3.76	cps
Holmium	165-2	898616	907940	889770	898776	1.01	cps
Indium	115-1	2596269	2709818	2549641	2618576	3.15	cps
Indium	115-2	175548	175107	169865	173507	1.82	cps
Iron	56-2	266890	273805	269775	270157	1.29	cps
Iron	57-2	6335	6724	6974	6678	4.82	cps
Krypton	83-1	743	733	567	681	14.57	cps
Lead	206-1	828	1011	839	893	11.52	cps
Lead	207-1	661	706	783	717	8.63	cps
Lead	208-1	3256	3745	3389	3463	7.30	cps
Lithium	6-1	180362	182371	171979	178237	3.09	cps
Magnesium	24-2	569617	586832	575358	577269	1.52	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49431	50411	50625	50155	1.27	cps
Molybdenum	94-1	12740	13566	12682	12996	3.81	cps
Molybdenum	95-1	21334	22503	21944	21927	2.66	cps
Molybdenum	96-1	23596	23780	22469	23282	3.05	cps
Molybdenum	97-1	13591	14200	14517	14102	3.34	cps
Molybdenum	98-1	34654	35247	33994	34631	1.81	cps
Neodymium	150-1	440	347	433	407	12.80	cps
Neodymium	150-2	100	83	67	83	20.00	cps
Nickel	60-2	1003	1197	1093	1098	8.81	cps
Phosphorus	31-2	33	25	25	28	17.31	cps
Potassium	39-2	96833	97955	99115	97968	1.16	cps
Rhodium	103-1	2509500	2629668	2475951	2538373	3.18	cps
Rhodium	103-2	974338	991876	969879	978698	1.19	cps
Scandium	45-1	1777386	1864146	1752457	1797996	3.26	cps
Scandium	45-2	24268	24111	24148	24175	0.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-212	-226	-35	-158	-67.74	cps
Silicon	28-1	11024066	10878874	10442459	10781800	2.81	cps
Silver	109-1	2225	2117	1825	2056	10.07	cps
Silver	107-1	2192	2059	2150	2134	3.20	cps
Sodium	23-2	3155241	3204981	3192908	3184377	0.81	cps
Strontium	86-1	440168	455185	430456	441936	2.82	cps
Strontium	88-1	3935477	4077077	3841685	3951413	3.00	cps
Sulfur	34-1	531018	522332	510607	521319	1.96	cps
Terbium	159-1	3031132	3163008	2997004	3063715	2.86	cps
Terbium	159-2	902842	909475	910070	907462	0.44	cps
Thallium	203-1	58	50	67	58	14.29	cps
Thallium	205-1	100	108	142	117	18.89	cps
Tin	118-1	4451	4509	4543	4501	1.03	cps
Titanium	47-1	9437	9295	8845	9192	3.36	cps
Uranium	238-1	17021	17713	17405	17380	2.00	cps
Vanadium	51-2	577	540	657	591	10.09	cps
Yttrium	89-1	2961494	3150180	2924315	3011996	4.02	cps
Yttrium	89-2	143499	145348	144162	144336	0.65	cps
Zinc	66-2	1123	1263	1120	1169	7.00	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0645DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:49:41	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1425	1408	1283	1372	5.64	cps
Zirconium	91-1	442	392	283	372	21.75	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503	430	400	444	11.86	cps
Antimony	121-1	1000	1108	1017	1042	5.60	cps
Arsenic	75-2	554	596	535	562	5.58	cps
Barium	135-1	4543	4293	4343	4393	3.01	cps
Barium	137-1	7536	7411	7803	7583	2.64	cps
Beryllium	9-1	27	23	17	22	22.91	cps
Bismuth	209-1	1802434	1813509	1801127	1805690	0.38	cps
Bismuth	209-2	693614	705899	696620	698711	0.92	cps
Boron	10-1	1108	1017	917	1014	9.46	cps
Boron	11-1	5468	4926	5076	5157	5.43	cps
Cadmium	111-1	420	459	554	478	14.44	cps
Cadmium	106-1	608	650	808	689	15.32	cps
Cadmium	108-1	8	0	17	8	100.02	cps
Calcium	43-1	128322	129264	129805	129130	0.58	cps
Calcium	44-1	2158164	2177880	2172614	2169553	0.47	cps
Chromium	52-2	2120	2070	2237	2142	3.99	cps
Cobalt	59-2	223	213	217	218	2.34	cps
Copper	63-2	2194	2007	2157	2119	4.67	cps
Dysprosium	156-1	50	67	33	50	33.34	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	3096102	3104300	3114225	3104876	0.29	cps
Holmium	165-2	959220	969411	955223	961284	0.76	cps
Indium	115-1	2899148	2925908	2917125	2914060	0.47	cps
Indium	115-2	191503	198825	195169	195166	1.88	cps
Iron	56-2	63550	62322	62517	62797	1.05	cps
Iron	57-2	1683	1372	1517	1524	10.22	cps
Krypton	83-1	600	683	627	637	6.68	cps
Lead	206-1	333	300	344	326	7.10	cps
Lead	207-1	300	339	294	311	7.78	cps
Lead	208-1	1278	1300	1267	1282	1.32	cps
Lithium	6-1	206298	204586	202571	204485	0.91	cps
Magnesium	24-2	129006	129915	127997	128972	0.74	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11695	11602	11348	11548	1.55	cps
Molybdenum	94-1	3142	2392	2867	2800	13.55	cps
Molybdenum	95-1	4709	5101	4960	4923	4.03	cps
Molybdenum	96-1	5276	5168	5318	5254	1.47	cps
Molybdenum	97-1	3192	3317	3359	3289	2.64	cps
Molybdenum	98-1	7619	7711	7294	7541	2.91	cps
Neodymium	150-1	93	60	107	87	27.74	cps
Neodymium	150-2	3	30	0	11	148.01	cps
Nickel	60-2	353	350	297	333	9.54	cps
Phosphorus	31-2	25	33	8	22	57.30	cps
Potassium	39-2	25925	26033	25833	25930	0.39	cps
Rhodium	103-1	2909978	2911223	2973488	2931563	1.24	cps
Rhodium	103-2	1059439	1091006	1072529	1074325	1.48	cps
Scandium	45-1	2154779	2174164	2165653	2164865	0.45	cps
Scandium	45-2	27838	28142	27808	27929	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-107	-123	-96	-109	-12.48	cps
Silicon	28-1	2792410	2735364	2717487	2748421	1.42	cps
Silver	109-1	692	483	600	592	17.65	cps
Silver	107-1	592	692	525	603	13.92	cps
Sodium	23-2	704931	702066	693774	700257	0.83	cps
Strontium	86-1	96875	95499	95140	95838	0.96	cps
Strontium	88-1	828174	822523	822890	824529	0.38	cps
Sulfur	34-1	408365	403238	401578	404394	0.87	cps
Terbium	159-1	3287835	3299240	3312450	3299841	0.37	cps
Terbium	159-2	953086	972765	969631	965161	1.10	cps
Thallium	203-1	58	25	33	39	44.62	cps
Thallium	205-1	42	42	75	53	36.46	cps
Tin	118-1	675	875	708	753	14.23	cps
Titanium	47-1	2059	1975	1859	1964	5.12	cps
Uranium	238-1	3676	3167	3726	3523	8.77	cps
Vanadium	51-2	147	140	140	142	2.71	cps
Yttrium	89-1	3354586	3436634	3353466	3381562	1.41	cps
Yttrium	89-2	161040	162272	161270	161528	0.41	cps
Zinc	66-2	340	397	333	357	9.76	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0645L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 15:53:08	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483	367	517	456	17.29	cps
Zirconium	91-1	108	192	75	125	48.08	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55632	56300	56225	56052	0.65	cps
Antimony	121-1	2211319	2280766	2286775	2259620	1.86	cps
Arsenic	75-2	48284	48537	48206	48342	0.36	cps
Barium	135-1	2177936	2249301	2198589	2208609	1.66	cps
Barium	137-1	3755856	3744934	3807371	3769387	0.88	cps
Beryllium	9-1	220031	220960	216679	219223	1.03	cps
Bismuth	209-1	1725076	1778134	1839445	1780885	3.21	cps
Bismuth	209-2	666308	646290	665870	659489	1.73	cps
Boron	10-1	33139	34434	35086	34220	2.89	cps
Boron	11-1	164942	165893	167758	166198	0.86	cps
Cadmium	111-1	478973	485879	483288	482713	0.72	cps
Cadmium	106-1	50211	50721	50002	50311	0.74	cps
Cadmium	108-1	34231	34511	34737	34493	0.73	cps
Calcium	43-1	1118451	1103446	1087912	1103269	1.38	cps
Calcium	44-1	18321886	18177918	18104959	18201588	0.61	cps
Chromium	52-2	343384	340793	343346	342508	0.43	cps
Cobalt	59-2	684029	685086	688519	685878	0.34	cps
Copper	63-2	1198430	1194494	1202138	1198354	0.32	cps
Dysprosium	156-1	250	292	267	269	7.79	cps
Dysprosium	156-2	73	77	77	76	2.55	cps
Erbium	164-1	258	275	217	250	12.02	cps
Erbium	164-2	67	77	60	68	12.38	cps
Gadolinium	160-1	242	292	250	261	10.26	cps
Gadolinium	160-2	97	100	110	102	6.79	cps
Holmium	165-1	2996451	3093753	3164121	3084775	2.73	cps
Holmium	165-2	935319	901017	932483	922939	2.06	cps
Indium	115-1	2619303	2726008	2773020	2706110	2.91	cps
Indium	115-2	170956	163979	171037	168657	2.40	cps
Iron	56-2	12340243	12463732	12182376	12328784	1.14	cps
Iron	57-2	299946	301388	303035	301457	0.51	cps
Krypton	83-1	547	627	637	603	8.18	cps
Lead	206-1	1009155	1038648	1035212	1027672	1.57	cps
Lead	207-1	891577	913580	912470	905875	1.37	cps
Lead	208-1	4204236	4314995	4318170	4279134	1.52	cps
Lithium	6-1	179446	179994	180391	179943	0.26	cps
Magnesium	24-2	1896698	1857378	1913413	1889163	1.52	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257881	256085	255031	256332	0.56	cps
Molybdenum	94-1	4047119	4070091	4054643	4057285	0.29	cps
Molybdenum	95-1	5008137	4992543	5018396	5006358	0.26	cps
Molybdenum	96-1	5406659	5428583	5432337	5422527	0.26	cps
Molybdenum	97-1	3084207	3061602	3030349	3058719	0.88	cps
Molybdenum	98-1	7841429	7899145	7794527	7845034	0.67	cps
Neodymium	150-1	580	480	507	522	9.92	cps
Neodymium	150-2	103	77	103	94	16.30	cps
Nickel	60-2	204290	204469	205315	204691	0.27	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	469243	470953	471991	470729	0.29	cps
Rhodium	103-1	2628978	2707510	2760162	2698883	2.45	cps
Rhodium	103-2	996427	960636	988991	982018	1.92	cps
Scandium	45-1	1888320	1897965	1939023	1908436	1.41	cps
Scandium	45-2	24979	24134	24889	24667	1.88	cps
Selenium	77-2	297	390	317	334	14.69	cps
Selenium	78-2	1120	1046	1050	1072	3.89	cps
Selenium	82-1	34348	34819	34616	34594	0.68	cps
Silicon	28-1	12037400	11737518	11606357	11793758	1.87	cps
Silver	109-1	2280211	2330235	2327805	2312751	1.22	cps
Silver	107-1	2421511	2416638	2428282	2422143	0.24	cps
Sodium	23-2	6215054	6265562	6178590	6219735	0.70	cps
Strontium	86-1	1058747	1067935	1061717	1062800	0.44	cps
Strontium	88-1	9353528	9430905	9433306	9405913	0.48	cps
Sulfur	34-1	535296	525122	513000	524473	2.13	cps
Terbium	159-1	3185526	3321628	3355216	3287456	2.73	cps
Terbium	159-2	921066	905507	927268	917947	1.22	cps
Thallium	203-1	1266688	1274483	1282474	1274548	0.62	cps
Thallium	205-1	3153187	3209205	3215293	3192562	1.07	cps
Tin	118-1	1364397	1378128	1372792	1371772	0.50	cps
Titanium	47-1	1404846	1396077	1387422	1396115	0.62	cps
Uranium	238-1	3922143	4010981	4031302	3988142	1.46	cps
Vanadium	51-2	249888	250920	251893	250900	0.40	cps
Yttrium	89-1	3113596	3225290	3220720	3186535	1.98	cps
Yttrium	89-2	148805	143529	148151	146828	1.96	cps
Zinc	66-2	124150	123241	124766	124052	0.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0645MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3385737	3381118	3372993	3379949	0.19	cps
Zirconium	91-1	744037	745992	737729	742586	0.58	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56148	55916	57158	56407	1.17	cps
Antimony	121-1	2353031	2374482	2391593	2373035	0.81	cps
Arsenic	75-2	48808	48758	48598	48721	0.22	cps
Barium	135-1	2292163	2295571	2341976	2309903	1.20	cps
Barium	137-1	3909644	3914198	4016492	3946778	1.53	cps
Beryllium	9-1	222220	218759	219923	220301	0.80	cps
Bismuth	209-1	1777200	1835490	1891817	1834835	3.12	cps
Bismuth	209-2	669085	662119	668157	666454	0.57	cps
Boron	10-1	34459	35061	36013	35178	2.23	cps
Boron	11-1	168209	172081	170344	170211	1.14	cps
Cadmium	111-1	502325	499130	498829	500095	0.39	cps
Cadmium	106-1	52085	52152	51140	51792	1.09	cps
Cadmium	108-1	35012	36094	35873	35660	1.60	cps
Calcium	43-1	1123047	1115441	1117451	1118646	0.35	cps
Calcium	44-1	18680428	18441988	18141230	18421215	1.47	cps
Chromium	52-2	345694	342654	344071	344139	0.44	cps
Cobalt	59-2	697985	689675	696198	694619	0.63	cps
Copper	63-2	1215345	1206387	1219619	1213784	0.56	cps
Dysprosium	156-1	358	342	367	356	3.58	cps
Dysprosium	156-2	103	83	77	88	15.81	cps
Erbium	164-1	283	167	275	242	26.93	cps
Erbium	164-2	57	83	77	72	19.22	cps
Gadolinium	160-1	233	242	258	244	5.21	cps
Gadolinium	160-2	140	120	93	118	19.88	cps
Holmium	165-1	3026542	3145190	3250973	3140902	3.57	cps
Holmium	165-2	931182	929792	928400	929791	0.15	cps
Indium	115-1	2663150	2670866	2796101	2710039	2.75	cps
Indium	115-2	170571	167050	169329	168983	1.06	cps
Iron	56-2	12550549	12556119	12485463	12530711	0.31	cps
Iron	57-2	310718	307432	307249	308467	0.63	cps
Krypton	83-1	593	613	690	632	8.07	cps
Lead	206-1	1068885	1077900	1090340	1079042	1.00	cps
Lead	207-1	942496	948179	944467	945048	0.31	cps
Lead	208-1	4464238	4482121	4470436	4472265	0.20	cps
Lithium	6-1	172907	174694	175008	174203	0.65	cps
Magnesium	24-2	1946979	1896602	1904398	1915993	1.42	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260570	258003	256775	258450	0.75	cps
Molybdenum	94-1	4176535	4103752	4123342	4134543	0.91	cps
Molybdenum	95-1	5132427	5130652	5099615	5120898	0.36	cps
Molybdenum	96-1	5606707	5663089	5554370	5608055	0.97	cps
Molybdenum	97-1	3114168	3184569	3153071	3150603	1.12	cps
Molybdenum	98-1	8168228	8169282	8105972	8147827	0.44	cps
Neodymium	150-1	500	527	467	498	6.04	cps
Neodymium	150-2	97	100	57	84	28.55	cps
Nickel	60-2	206834	204534	207792	206387	0.81	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	486426	471688	473353	477156	1.69	cps
Rhodium	103-1	2646061	2677288	2771784	2698378	2.43	cps
Rhodium	103-2	995929	985697	978112	986579	0.91	cps
Scandium	45-1	1847663	1868653	1919903	1878739	1.98	cps
Scandium	45-2	25176	24338	24441	24652	1.85	cps
Selenium	77-2	330	347	310	329	5.58	cps
Selenium	78-2	1130	1111	1067	1103	2.94	cps
Selenium	82-1	35331	35628	35260	35406	0.55	cps
Silicon	28-1	11917648	11983133	11808217	11903000	0.74	cps
Silver	109-1	2403713	2348918	2342251	2364961	1.43	cps
Silver	107-1	2475527	2490615	2502116	2489419	0.54	cps
Sodium	23-2	6305660	6203204	6226859	6245241	0.86	cps
Strontium	86-1	1076150	1082036	1087081	1081756	0.51	cps
Strontium	88-1	9495632	9577429	9606675	9559912	0.60	cps
Sulfur	34-1	517335	514845	515545	515908	0.25	cps
Terbium	159-1	3260474	3290040	3451276	3333930	3.08	cps
Terbium	159-2	931211	923457	926706	927125	0.42	cps
Thallium	203-1	1314616	1337060	1333010	1328229	0.90	cps
Thallium	205-1	3308325	3323834	3313869	3315343	0.24	cps
Tin	118-1	1431124	1422001	1444600	1432575	0.79	cps
Titanium	47-1	1437007	1408327	1386447	1410594	1.80	cps
Uranium	238-1	4176758	4185882	4175257	4179299	0.14	cps
Vanadium	51-2	254692	252744	247798	251745	1.41	cps
Yttrium	89-1	3091751	3172788	3298754	3187764	3.27	cps
Yttrium	89-2	144658	144000	145062	144573	0.37	cps
Zinc	66-2	126844	126010	125848	126234	0.42	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0645MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3444007	3428222	3459812	3444013	0.46	cps
Zirconium	91-1	758364	753680	762021	758021	0.55	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56696	56159	55383	56080	1.18	cps
Antimony	121-1	2342534	2342788	2336701	2340674	0.15	cps
Arsenic	75-2	48141	48052	48377	48190	0.35	cps
Barium	135-1	2285087	2282472	2306196	2291252	0.57	cps
Barium	137-1	3893048	3870000	3953629	3905559	1.11	cps
Beryllium	9-1	218453	216912	215098	216821	0.77	cps
Bismuth	209-1	1858097	1887205	1848173	1864492	1.09	cps
Bismuth	209-2	687750	662987	654507	668415	2.58	cps
Boron	10-1	35152	34133	34042	34442	1.79	cps
Boron	11-1	165404	168541	168472	167472	1.07	cps
Cadmium	111-1	493881	493343	497921	495048	0.51	cps
Cadmium	106-1	52972	52721	53566	53086	0.82	cps
Cadmium	108-1	35944	35117	36592	35884	2.06	cps
Calcium	43-1	1121735	1106151	1119704	1115863	0.76	cps
Calcium	44-1	18512936	18232023	18313553	18352837	0.79	cps
Chromium	52-2	342445	341736	341816	341999	0.11	cps
Cobalt	59-2	683334	689716	690348	687799	0.56	cps
Copper	63-2	1200145	1206589	1208286	1205007	0.36	cps
Dysprosium	156-1	183	250	342	258	30.77	cps
Dysprosium	156-2	100	53	77	77	30.44	cps
Erbium	164-1	258	183	183	208	20.78	cps
Erbium	164-2	50	77	63	63	21.06	cps
Gadolinium	160-1	283	200	250	244	17.16	cps
Gadolinium	160-2	83	130	83	99	27.24	cps
Holmium	165-1	3258209	3228566	3212619	3233131	0.72	cps
Holmium	165-2	958419	924393	900320	927711	3.15	cps
Indium	115-1	2811336	2762387	2702249	2758658	1.98	cps
Indium	115-2	173345	168531	165041	168973	2.47	cps
Iron	56-2	12477137	12428930	12463998	12456688	0.20	cps
Iron	57-2	309240	304145	307780	307055	0.85	cps
Krypton	83-1	677	743	627	682	8.58	cps
Lead	206-1	1070326	1078969	1084092	1077796	0.65	cps
Lead	207-1	931488	943868	958941	944766	1.46	cps
Lead	208-1	4379342	4471819	4520472	4457211	1.61	cps
Lithium	6-1	174243	174842	169164	172750	1.81	cps
Magnesium	24-2	1871286	1912029	1918468	1900594	1.35	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257875	254775	255415	256022	0.64	cps
Molybdenum	94-1	4092681	4122912	4169480	4128358	0.94	cps
Molybdenum	95-1	5072197	5113404	5129409	5105003	0.58	cps
Molybdenum	96-1	5504085	5562379	5589468	5551978	0.79	cps
Molybdenum	97-1	3145913	3162811	3099567	3136097	1.04	cps
Molybdenum	98-1	8037472	8061028	8063900	8054133	0.18	cps
Neodymium	150-1	600	680	527	602	12.73	cps
Neodymium	150-2	113	100	87	100	13.33	cps
Nickel	60-2	200987	204001	205765	203584	1.19	cps
Phosphorus	31-2	0	17	33	17	99.99	cps
Potassium	39-2	465804	468988	473124	469306	0.78	cps
Rhodium	103-1	2820660	2753038	2676200	2749966	2.63	cps
Rhodium	103-2	1010039	981080	974730	988616	1.90	cps
Scandium	45-1	1931862	1890206	1851367	1891145	2.13	cps
Scandium	45-2	24946	23663	23984	24198	2.76	cps
Selenium	77-2	327	297	337	320	6.50	cps
Selenium	78-2	1109	1104	1165	1126	3.00	cps
Selenium	82-1	35148	35208	35336	35231	0.27	cps
Silicon	28-1	11814822	11784236	11796049	11798369	0.13	cps
Silver	109-1	2349725	2377751	2415528	2381001	1.39	cps
Silver	107-1	2445329	2503238	2511837	2486801	1.45	cps
Sodium	23-2	6212663	6171246	6224851	6202920	0.45	cps
Strontium	86-1	1078025	1078374	1090092	1082164	0.63	cps
Strontium	88-1	9455238	9459768	9682277	9532428	1.36	cps
Sulfur	34-1	513916	504796	506936	508550	0.94	cps
Terbium	159-1	3387679	3379160	3323520	3363453	1.04	cps
Terbium	159-2	953624	933621	910505	932583	2.31	cps
Thallium	203-1	1323829	1327687	1349862	1333793	1.05	cps
Thallium	205-1	3357156	3318452	3379355	3351654	0.92	cps
Tin	118-1	1414617	1397448	1423225	1411763	0.93	cps
Titanium	47-1	1406381	1377753	1378277	1387471	1.18	cps
Uranium	238-1	4127071	4233139	4228146	4196119	1.43	cps
Vanadium	51-2	249238	250985	251977	250733	0.55	cps
Yttrium	89-1	3276542	3283678	3216250	3258824	1.14	cps
Yttrium	89-2	149324	144128	141558	145004	2.73	cps
Zinc	66-2	125553	125138	124785	125158	0.31	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0645A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3372761	3439610	3449304	3420558	1.22	cps
Zirconium	91-1	739519	753233	756257	749670	1.19	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7734	8037	7959	7910	1.99	cps
Antimony	121-1	3201	3067	3109	3126	2.18	cps
Arsenic	75-2	2717	2571	2489	2592	4.45	cps
Barium	135-1	19882	19390	19916	19729	1.49	cps
Barium	137-1	35006	33719	34329	34351	1.87	cps
Beryllium	9-1	87	110	77	91	18.77	cps
Bismuth	209-1	1842179	1884895	1940000	1889024	2.60	cps
Bismuth	209-2	679968	676598	664488	673684	1.21	cps
Boron	10-1	4668	5101	4809	4859	4.55	cps
Boron	11-1	25156	24372	24079	24536	2.27	cps
Cadmium	111-1	505	500	480	495	2.64	cps
Cadmium	106-1	658	692	633	661	4.43	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	244390	242577	242512	243160	0.44	cps
Calcium	44-1	4055130	3973250	4068225	4032201	1.28	cps
Chromium	52-2	3944	4051	4104	4033	2.02	cps
Cobalt	59-2	1520	1667	1613	1600	4.64	cps
Copper	63-2	6505	6078	5965	6183	4.61	cps
Dysprosium	156-1	1117	1158	1142	1139	1.84	cps
Dysprosium	156-2	293	330	317	313	5.92	cps
Erbium	164-1	700	633	742	692	7.90	cps
Erbium	164-2	223	283	167	224	25.99	cps
Gadolinium	160-1	1158	975	1183	1106	10.29	cps
Gadolinium	160-2	337	370	383	363	6.62	cps
Holmium	165-1	3086932	3225549	3239223	3183902	2.65	cps
Holmium	165-2	910842	906877	906291	908003	0.27	cps
Indium	115-1	2780209	2785346	2864538	2810031	1.68	cps
Indium	115-2	174129	171060	172247	172479	0.90	cps
Iron	56-2	1113069	1112942	1113888	1113300	0.05	cps
Iron	57-2	28090	27979	27940	28003	0.28	cps
Krypton	83-1	630	667	667	654	3.23	cps
Lead	206-1	3006	3145	2912	3021	3.89	cps
Lead	207-1	2617	2234	2678	2510	9.60	cps
Lead	208-1	11919	11302	11686	11636	2.68	cps
Lithium	6-1	166620	161476	163496	163864	1.58	cps
Magnesium	24-2	179453	183106	179639	180733	1.14	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23453	23213	23089	23252	0.80	cps
Molybdenum	94-1	4634	4793	4818	4748	2.10	cps
Molybdenum	95-1	4884	5201	5018	5035	3.16	cps
Molybdenum	96-1	5801	6244	5676	5907	5.04	cps
Molybdenum	97-1	3301	3726	3417	3481	6.31	cps
Molybdenum	98-1	8136	8120	8178	8144	0.37	cps
Neodymium	150-1	1847	1954	1734	1845	5.97	cps
Neodymium	150-2	423	350	290	354	18.84	cps
Nickel	60-2	2170	2120	2070	2120	2.36	cps
Phosphorus	31-2	25	33	50	36	35.25	cps
Potassium	39-2	77136	76776	76870	76927	0.24	cps
Rhodium	103-1	2701464	2712344	2813222	2742343	2.25	cps
Rhodium	103-2	984686	973162	982912	980253	0.63	cps
Scandium	45-1	1841466	1837735	1933577	1870926	2.90	cps
Scandium	45-2	23303	23730	23406	23480	0.95	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	6	6	6	0.00	cps
Selenium	82-1	-139	-93	-135	-122	-20.90	cps
Silicon	28-1	10837577	10621905	10636004	10698495	1.13	cps
Silver	109-1	1600	1509	1175	1428	15.67	cps
Silver	107-1	1684	1392	1433	1503	10.50	cps
Sodium	23-2	7091243	7108244	6976123	7058537	1.02	cps
Strontium	86-1	192886	194567	195009	194154	0.58	cps
Strontium	88-1	1759411	1756292	1738957	1751553	0.63	cps
Sulfur	34-1	506318	493661	488282	496087	1.87	cps
Terbium	159-1	3339714	3369420	3428499	3379211	1.34	cps
Terbium	159-2	919389	903750	909713	910951	0.87	cps
Thallium	203-1	225	200	208	211	6.03	cps
Thallium	205-1	442	525	492	486	8.63	cps
Tin	118-1	9104	8411	8195	8570	5.54	cps
Titanium	47-1	52215	51077	52600	51964	1.52	cps
Uranium	238-1	29043	28918	29386	29116	0.83	cps
Vanadium	51-2	1884	1710	1890	1828	5.58	cps
Yttrium	89-1	3161509	3208777	3273697	3214661	1.75	cps
Yttrium	89-2	142073	141083	142087	141748	0.41	cps
Zinc	66-2	2277	2094	2270	2214	4.70	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0646	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:06:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4926	4834	4593	4784	3.60	cps
Zirconium	91-1	1142	1233	1183	1186	3.87	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	573	490	538	533	7.76	cps
Antimony	121-1	4768	4484	4885	4712	4.37	cps
Arsenic	75-2	3393	3289	3236	3306	2.42	cps
Barium	135-1	14492	13758	14108	14119	2.60	cps
Barium	137-1	24732	24841	24156	24577	1.50	cps
Beryllium	9-1	33	20	43	32	36.33	cps
Bismuth	209-1	1850338	1817207	1889135	1852226	1.94	cps
Bismuth	209-2	664175	659781	658970	660975	0.42	cps
Boron	10-1	5460	4918	5193	5190	5.22	cps
Boron	11-1	24647	24539	25874	25020	2.96	cps
Cadmium	111-1	444	458	430	444	3.19	cps
Cadmium	106-1	625	642	617	628	2.03	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	515245	525128	524867	521747	1.08	cps
Calcium	44-1	8564970	8606753	8632008	8601244	0.39	cps
Chromium	52-2	2147	2120	2184	2150	1.48	cps
Cobalt	59-2	583	537	587	569	4.91	cps
Copper	63-2	2920	2744	3024	2896	4.89	cps
Dysprosium	156-1	150	108	158	139	19.29	cps
Dysprosium	156-2	33	40	53	42	24.12	cps
Erbium	164-1	125	50	83	86	43.64	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	83	108	117	103	16.88	cps
Gadolinium	160-2	57	47	30	44	30.31	cps
Holmium	165-1	3151683	3126095	3229102	3168960	1.69	cps
Holmium	165-2	914895	911329	901644	909289	0.75	cps
Indium	115-1	2761906	2806261	2870309	2812825	1.94	cps
Indium	115-2	173017	169268	170213	170833	1.14	cps
Iron	56-2	92220	91034	92237	91830	0.75	cps
Iron	57-2	2439	2467	2234	2380	5.36	cps
Krypton	83-1	653	637	647	646	1.30	cps
Lead	206-1	983	961	995	980	1.73	cps
Lead	207-1	850	839	856	848	1.00	cps
Lead	208-1	3700	3550	3850	3700	4.05	cps
Lithium	6-1	158460	156613	159036	158036	0.80	cps
Magnesium	24-2	414851	416734	413413	414999	0.40	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52943	53432	53810	53395	0.81	cps
Molybdenum	94-1	4801	4484	4776	4687	3.76	cps
Molybdenum	95-1	8295	7936	7936	8056	2.57	cps
Molybdenum	96-1	8136	7736	8128	8000	2.86	cps
Molybdenum	97-1	5001	5168	5151	5107	1.80	cps
Molybdenum	98-1	12006	12164	12123	12098	0.68	cps
Neodymium	150-1	207	100	160	156	34.38	cps
Neodymium	150-2	20	17	57	31	71.34	cps
Nickel	60-2	1350	1370	1497	1406	5.66	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	76877	76408	77589	76958	0.77	cps
Rhodium	103-1	2739198	2680667	2734783	2718216	1.20	cps
Rhodium	103-2	999875	983225	971980	985026	1.42	cps
Scandium	45-1	1815940	1814808	1858964	1829904	1.38	cps
Scandium	45-2	23490	23309	22845	23215	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-125	-93	-94	-104	-17.44	cps
Silicon	28-1	9732641	9768408	9780016	9760355	0.25	cps
Silver	109-1	1008	733	792	845	17.16	cps
Silver	107-1	1058	983	883	975	9.01	cps
Sodium	23-2	2725111	2716886	2657893	2699963	1.36	cps
Strontium	86-1	355813	361387	358760	358654	0.78	cps
Strontium	88-1	3179657	3227405	3216692	3207918	0.78	cps
Sulfur	34-1	377245	372580	377466	375764	0.73	cps
Terbium	159-1	3350048	3277889	3421915	3349951	2.15	cps
Terbium	159-2	919719	904405	894207	906111	1.42	cps
Thallium	203-1	33	25	42	33	25.00	cps
Thallium	205-1	75	117	75	89	27.07	cps
Tin	118-1	16144	15485	15877	15835	2.09	cps
Titanium	47-1	2417	2417	2559	2464	3.32	cps
Uranium	238-1	23448	23573	23907	23643	1.00	cps
Vanadium	51-2	360	420	357	379	9.41	cps
Yttrium	89-1	3168110	3139822	3254340	3187424	1.87	cps
Yttrium	89-2	143619	140643	139975	141413	1.37	cps
Zinc	66-2	1393	1303	1443	1380	5.14	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0647	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:08	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	825	758	739	13.17	cps
Zirconium	91-1	217	167	275	219	24.71	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389335	393929	395454	392906	0.81	cps
Antimony	121-1	2242024	2207166	2206492	2218561	0.92	cps
Arsenic	75-2	56608	57078	57248	56978	0.58	cps
Barium	135-1	2148669	2148610	2118899	2138726	0.80	cps
Barium	137-1	3682093	3661113	3638972	3660726	0.59	cps
Beryllium	9-1	293717	284867	282213	286932	2.10	cps
Bismuth	209-1	1548893	1543486	1435711	1509364	4.23	cps
Bismuth	209-2	670155	653191	672225	665190	1.57	cps
Boron	10-1	39999	40768	41620	40795	1.99	cps
Boron	11-1	203260	207599	210838	207232	1.83	cps
Cadmium	111-1	486831	483683	480953	483822	0.61	cps
Cadmium	106-1	52737	53005	51917	52553	1.08	cps
Cadmium	108-1	35434	35526	35042	35334	0.73	cps
Calcium	43-1	3184979	3228903	3261738	3225207	1.19	cps
Calcium	44-1	51467823	52178856	52272206	51972961	0.85	cps
Chromium	52-2	431099	433498	433870	432822	0.35	cps
Cobalt	59-2	809167	818621	814269	814019	0.58	cps
Copper	63-2	1296326	1309474	1302098	1302633	0.51	cps
Dysprosium	156-1	25	67	17	36	74.18	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	2919590	2937242	2750007	2868946	3.60	cps
Holmium	165-2	975599	943497	990644	969913	2.48	cps
Indium	115-1	2773861	2813757	2653580	2747066	3.04	cps
Indium	115-2	208177	203762	211832	207924	1.94	cps
Iron	56-2	72786054	71688410	72732366	72402277	0.85	cps
Iron	57-2	1843547	1844274	1835926	1841249	0.25	cps
Krypton	83-1	757	687	717	720	4.88	cps
Lead	206-1	918003	898580	884780	900454	1.85	cps
Lead	207-1	829031	807590	798363	811661	1.94	cps
Lead	208-1	3874446	3778732	3702840	3785339	2.27	cps
Lithium	6-1	225093	226750	210742	220862	3.99	cps
Magnesium	24-2	8149340	8276043	8321184	8248855	1.08	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	255095	254508	258216	255940	0.78	cps
Molybdenum	94-1	4207187	4207636	4183043	4199288	0.34	cps
Molybdenum	95-1	5193620	5184665	5142335	5173540	0.53	cps
Molybdenum	96-1	5757692	5669015	5690739	5705815	0.81	cps
Molybdenum	97-1	3212558	3145893	3185604	3181352	1.05	cps
Molybdenum	98-1	8106012	8049872	8125191	8093692	0.48	cps
Neodymium	150-1	87	133	153	124	27.49	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	237077	239525	235979	237527	0.76	cps
Phosphorus	31-2	6543	6702	6452	6566	1.93	cps
Potassium	39-2	2596154	2648284	2646481	2630306	1.12	cps
Rhodium	103-1	2748320	2790374	2639763	2726153	2.85	cps
Rhodium	103-2	1090778	1066110	1114422	1090436	2.22	cps
Scandium	45-1	2291610	2364337	2215170	2290372	3.26	cps
Scandium	45-2	33674	33039	33951	33555	1.39	cps
Selenium	77-2	460	480	400	447	9.32	cps
Selenium	78-2	1496	1533	1422	1484	3.81	cps
Selenium	82-1	37844	37411	37571	37609	0.58	cps
Silicon	28-1	1521203	1539978	1539750	1533644	0.70	cps
Silver	109-1	2325884	2284404	2286016	2298768	1.02	cps
Silver	107-1	2492629	2459812	2416209	2456217	1.56	cps
Sodium	23-2	19270631	19445954	19600811	19439132	0.85	cps
Strontium	86-1	649431	641244	638640	643105	0.88	cps
Strontium	88-1	5688711	5674305	5739012	5700676	0.60	cps
Sulfur	34-1	598712	602489	596909	599370	0.48	cps
Terbium	159-1	3141884	3160867	2929861	3077538	4.17	cps
Terbium	159-2	990497	950476	991405	977460	2.39	cps
Thallium	203-1	1124407	1110072	1097386	1110622	1.22	cps
Thallium	205-1	2828733	2756569	2769046	2784782	1.39	cps
Tin	118-1	1454231	1422571	1434415	1437072	1.11	cps
Titanium	47-1	1657445	1667623	1650053	1658374	0.53	cps
Uranium	238-1	3496121	3363059	3372071	3410417	2.18	cps
Vanadium	51-2	316037	321471	317555	318354	0.88	cps
Yttrium	89-1	3397632	3450649	3249593	3365958	3.10	cps
Yttrium	89-2	183012	177863	187404	182760	2.61	cps
Zinc	66-2	146959	148206	150388	148518	1.17	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:17:42	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3567005	3490026	3487130	3514721	1.29	cps
Zirconium	91-1	766399	773048	759062	766169	0.91	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:22:47 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	68	43	53	25.20	cps
Antimony	121-1	567	683	758	669	14.43	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	42	25	0	22	94.38	cps
Barium	137-1	8	50	25	28	75.51	cps
Beryllium	9-1	30	30	40	33	17.32	cps
Bismuth	209-1	1638321	1679465	1549969	1622585	4.08	cps
Bismuth	209-2	758149	718650	734230	737010	2.70	cps
Boron	10-1	658	675	550	628	10.81	cps
Boron	11-1	3167	3367	2917	3150	7.16	cps
Cadmium	111-1	488	490	619	533	14.10	cps
Cadmium	106-1	700	700	875	758	13.32	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	243	247	247	246	0.78	cps
Calcium	44-1	29621	29975	29641	29746	0.67	cps
Chromium	52-2	2037	1864	1927	1942	4.52	cps
Cobalt	59-2	80	90	63	78	17.32	cps
Copper	63-2	1030	993	1003	1009	1.88	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	2862272	2855506	2825360	2847713	0.69	cps
Holmium	165-2	1051960	984571	1013566	1016699	3.32	cps
Indium	115-1	2892026	2827422	2800525	2839991	1.66	cps
Indium	115-2	227824	212774	214950	218516	3.72	cps
Iron	56-2	4540	4284	4579	4468	3.58	cps
Iron	57-2	150	100	139	130	20.26	cps
Krypton	83-1	640	643	573	619	6.38	cps
Lead	206-1	261	222	267	250	9.69	cps
Lead	207-1	256	206	222	228	11.18	cps
Lead	208-1	1067	1044	1061	1057	1.09	cps
Lithium	6-1	253630	252218	250505	252117	0.62	cps
Magnesium	24-2	433	450	417	433	3.85	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:22:47 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	73	90	92	21.79	cps
Molybdenum	94-1	342	217	217	258	27.94	cps
Molybdenum	95-1	225	258	367	283	26.14	cps
Molybdenum	96-1	267	258	242	256	4.98	cps
Molybdenum	97-1	433	333	392	386	13.01	cps
Molybdenum	98-1	350	400	367	372	6.84	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	73	113	91	22.36	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	6477	6218	6527	6407	2.58	cps
Rhodium	103-1	2969921	2942125	2933547	2948531	0.64	cps
Rhodium	103-2	1196034	1136555	1145522	1159370	2.77	cps
Scandium	45-1	2362476	2333641	2311593	2335903	1.09	cps
Scandium	45-2	34198	31135	32561	32631	4.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-104	-117	-13	-78	-72.86	cps
Silicon	28-1	249161	244566	248118	247282	0.97	cps
Silver	109-1	358	317	375	350	8.59	cps
Silver	107-1	425	408	467	433	6.93	cps
Sodium	23-2	18338	17662	17995	17998	1.88	cps
Strontium	86-1	833	817	950	867	8.38	cps
Strontium	88-1	142	108	67	106	35.60	cps
Sulfur	34-1	405777	406713	406553	406348	0.12	cps
Terbium	159-1	3158770	3060158	3037640	3085523	2.09	cps
Terbium	159-2	1057456	998747	1030027	1028743	2.86	cps
Thallium	203-1	92	42	50	61	43.83	cps
Thallium	205-1	100	142	100	114	21.13	cps
Tin	118-1	317	383	400	367	12.03	cps
Titanium	47-1	158	75	75	103	46.81	cps
Uranium	238-1	50	8	50	36	66.62	cps
Vanadium	51-2	27	27	23	26	7.55	cps
Yttrium	89-1	3466180	3388473	3352732	3402462	1.70	cps
Yttrium	89-2	190423	176292	181692	182802	3.90	cps
Zinc	66-2	47	47	57	50	11.55	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:47	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	308	158	283	250	32.15	cps
Zirconium	91-1	67	100	75	81	21.54	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	1043	1080	1044	3.48	cps
Antimony	121-1	4234	4476	4518	4409	3.47	cps
Arsenic	75-2	4054	4073	4203	4110	1.96	cps
Barium	135-1	79213	79447	77384	78681	1.44	cps
Barium	137-1	133444	135794	135758	134999	1.00	cps
Beryllium	9-1	47	57	40	48	17.56	cps
Bismuth	209-1	1796180	1812579	1853907	1820889	1.63	cps
Bismuth	209-2	680404	654353	668268	667675	1.95	cps
Boron	10-1	5910	5968	6127	6002	1.87	cps
Boron	11-1	29047	29548	28997	29197	1.04	cps
Cadmium	111-1	398	509	497	468	13.10	cps
Cadmium	106-1	550	700	717	656	14.00	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	1508735	1541365	1495588	1515229	1.56	cps
Calcium	44-1	24390436	24315995	24092993	24266475	0.64	cps
Chromium	52-2	2164	2454	2220	2279	6.75	cps
Cobalt	59-2	11652	11018	11291	11320	2.81	cps
Copper	63-2	4274	4137	3867	4093	5.06	cps
Dysprosium	156-1	242	242	308	264	14.59	cps
Dysprosium	156-2	70	90	87	82	13.03	cps
Erbium	164-1	158	125	167	150	14.70	cps
Erbium	164-2	73	37	63	58	32.80	cps
Gadolinium	160-1	183	150	233	189	22.21	cps
Gadolinium	160-2	90	93	93	92	2.09	cps
Holmium	165-1	3069979	3095031	3209099	3124703	2.37	cps
Holmium	165-2	935401	918857	929074	927777	0.90	cps
Indium	115-1	2803556	2768383	2827402	2799780	1.06	cps
Indium	115-2	177109	173083	174886	175026	1.15	cps
Iron	56-2	10713526	10727394	10721243	10720721	0.06	cps
Iron	57-2	266114	261310	262973	263465	0.93	cps
Krypton	83-1	710	667	767	714	7.02	cps
Lead	206-1	711	750	778	746	4.49	cps
Lead	207-1	694	589	667	650	8.42	cps
Lead	208-1	2828	2817	2917	2854	1.92	cps
Lithium	6-1	212160	201698	197033	203630	3.80	cps
Magnesium	24-2	1572900	1543706	1547165	1554591	1.03	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360042	357917	359504	359154	0.31	cps
Molybdenum	94-1	3334	3692	3167	3398	7.90	cps
Molybdenum	95-1	4818	5009	5168	4998	3.51	cps
Molybdenum	96-1	5276	5593	5535	5468	3.08	cps
Molybdenum	97-1	3384	3459	3551	3465	2.41	cps
Molybdenum	98-1	7878	7969	8470	8106	3.93	cps
Neodymium	150-1	347	313	393	351	11.44	cps
Neodymium	150-2	93	70	80	81	14.44	cps
Nickel	60-2	4124	4157	4287	4190	2.06	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	132729	132579	131283	132197	0.60	cps
Rhodium	103-1	2770320	2710952	2838245	2773172	2.30	cps
Rhodium	103-2	994964	968640	991282	984962	1.45	cps
Scandium	45-1	2057818	1998468	2018066	2024784	1.49	cps
Scandium	45-2	25036	24258	24315	24536	1.77	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-168	-107	-291	-189	-49.61	cps
Silicon	28-1	18553630	18515221	18072084	18380312	1.46	cps
Silver	109-1	4067	2884	2417	3123	27.24	cps
Silver	107-1	4026	3001	2584	3203	23.17	cps
Sodium	23-2	5307323	5129447	5140768	5192513	1.92	cps
Strontium	86-1	1312801	1353134	1312661	1326199	1.76	cps
Strontium	88-1	11671095	11874990	11723564	11756550	0.90	cps
Sulfur	34-1	372360	365397	363031	366930	1.32	cps
Terbium	159-1	3240702	3273273	3414986	3309654	2.80	cps
Terbium	159-2	935603	915994	935468	929022	1.21	cps
Thallium	203-1	67	50	42	53	24.12	cps
Thallium	205-1	200	142	167	169	17.28	cps
Tin	118-1	5385	5285	5418	5362	1.29	cps
Titanium	47-1	4993	4768	4876	4879	2.31	cps
Uranium	238-1	7611	8086	8262	7986	4.21	cps
Vanadium	51-2	290	223	253	256	13.07	cps
Yttrium	89-1	3326685	3222762	3276988	3275478	1.59	cps
Yttrium	89-2	150041	144583	144997	146540	2.07	cps
Zinc	66-2	1467	1380	1467	1438	3.48	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-01	Instrumnet Name :	P8
Client Sample ID :	S32-0651	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:26:16	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1425	1217	1108	1250	12.88	cps
Zirconium	91-1	392	283	300	325	17.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1088	1160	1093	1114	3.64	cps
Antimony	121-1	4368	4601	4543	4504	2.70	cps
Arsenic	75-2	1683	1706	1780	1723	2.93	cps
Barium	135-1	28373	27630	29250	28418	2.85	cps
Barium	137-1	48407	49243	49410	49020	1.10	cps
Beryllium	9-1	13	37	30	27	45.08	cps
Bismuth	209-1	1836106	1912758	1789603	1846156	3.37	cps
Bismuth	209-2	674843	660612	678620	671358	1.41	cps
Boron	10-1	3751	3576	3884	3737	4.14	cps
Boron	11-1	18229	18955	18621	18602	1.95	cps
Cadmium	111-1	477	520	379	459	15.79	cps
Cadmium	106-1	650	733	558	647	13.52	cps
Cadmium	108-1	4	8	29	14	96.44	cps
Calcium	43-1	664147	662934	666979	664686	0.31	cps
Calcium	44-1	10852037	10889169	10872639	10871282	0.17	cps
Chromium	52-2	2937	3084	3120	3047	3.18	cps
Cobalt	59-2	933	913	993	947	4.40	cps
Copper	63-2	4241	3891	4114	4082	4.34	cps
Dysprosium	156-1	167	142	192	167	15.00	cps
Dysprosium	156-2	47	33	43	41	16.89	cps
Erbium	164-1	183	125	133	147	21.43	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	250	208	67	175	54.92	cps
Gadolinium	160-2	93	43	80	72	35.86	cps
Holmium	165-1	3137495	3243103	3106104	3162234	2.27	cps
Holmium	165-2	925184	911367	923335	919962	0.82	cps
Indium	115-1	2779274	2887582	2769477	2812111	2.33	cps
Indium	115-2	175791	172089	177541	175140	1.59	cps
Iron	56-2	229482	229549	227205	228745	0.58	cps
Iron	57-2	5485	5712	5612	5603	2.04	cps
Krypton	83-1	667	603	550	607	9.63	cps
Lead	206-1	756	761	806	774	3.54	cps
Lead	207-1	722	745	711	726	2.34	cps
Lead	208-1	3156	3245	3211	3204	1.40	cps
Lithium	6-1	174740	174476	168893	172703	1.91	cps
Magnesium	24-2	439877	447295	443846	443673	0.84	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120182	120407	119735	120108	0.28	cps
Molybdenum	94-1	15610	14617	15134	15120	3.28	cps
Molybdenum	95-1	25442	25391	25249	25361	0.39	cps
Molybdenum	96-1	27487	27278	27003	27256	0.89	cps
Molybdenum	97-1	16511	15543	16010	16021	3.02	cps
Molybdenum	98-1	40220	41682	40872	40924	1.79	cps
Neodymium	150-1	260	300	233	264	12.69	cps
Neodymium	150-2	33	53	50	46	23.52	cps
Nickel	60-2	1383	1357	1507	1416	5.65	cps
Phosphorus	31-2	42	33	50	42	20.00	cps
Potassium	39-2	89359	90323	88815	89499	0.85	cps
Rhodium	103-1	2742964	2822187	2718443	2761198	1.96	cps
Rhodium	103-2	1001043	976605	997642	991764	1.33	cps
Scandium	45-1	1931751	1959228	1841602	1910860	3.22	cps
Scandium	45-2	24191	24104	24385	24227	0.59	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-143	-54	-70	-89	-53.53	cps
Silicon	28-1	14002896	13893520	13747583	13881333	0.92	cps
Silver	109-1	1192	992	908	1031	14.13	cps
Silver	107-1	1283	1242	942	1156	16.13	cps
Sodium	23-2	4373138	4326011	4324386	4341178	0.64	cps
Strontium	86-1	429119	428372	435172	430888	0.87	cps
Strontium	88-1	3805155	3886225	3906099	3865827	1.38	cps
Sulfur	34-1	410768	402898	396990	403552	1.71	cps
Terbium	159-1	3316039	3463535	3236367	3338647	3.45	cps
Terbium	159-2	934190	900096	925149	919812	1.92	cps
Thallium	203-1	33	42	33	36	13.33	cps
Thallium	205-1	75	75	83	78	6.19	cps
Tin	118-1	3859	3834	3942	3879	1.46	cps
Titanium	47-1	4309	4359	4409	4359	1.15	cps
Uranium	238-1	27097	27674	27765	27512	1.32	cps
Vanadium	51-2	1113	1010	933	1019	8.87	cps
Yttrium	89-1	3191511	3272528	3160706	3208248	1.80	cps
Yttrium	89-2	146607	140727	143550	143628	2.05	cps
Zinc	66-2	1030	1177	1217	1141	8.61	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-03	Instrumnet Name :	P8
Client Sample ID :	S32-0648	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:42	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1584	1467	1475	1508	4.32	cps
Zirconium	91-1	383	367	450	400	11.02	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	888	893	913	898	1.47	cps
Antimony	121-1	5393	5543	5726	5554	3.01	cps
Arsenic	75-2	1700	1758	1837	1765	3.90	cps
Barium	135-1	29342	28983	30185	29503	2.09	cps
Barium	137-1	49310	50573	51200	50361	1.91	cps
Beryllium	9-1	120	133	157	137	13.58	cps
Bismuth	209-1	1868966	1785672	1809628	1821422	2.35	cps
Bismuth	209-2	643614	651950	650133	648566	0.68	cps
Boron	10-1	3576	3326	3226	3376	5.34	cps
Boron	11-1	16452	16277	16760	16496	1.49	cps
Cadmium	111-1	851	675	711	746	12.43	cps
Cadmium	106-1	808	642	583	678	17.23	cps
Cadmium	108-1	33	46	38	39	16.37	cps
Calcium	43-1	643758	653438	650927	649374	0.77	cps
Calcium	44-1	10564869	10580819	10684230	10609973	0.61	cps
Chromium	52-2	3267	3227	3200	3232	1.04	cps
Cobalt	59-2	1313	1377	1203	1298	6.76	cps
Copper	63-2	4738	4591	4751	4693	1.89	cps
Dysprosium	156-1	92	142	208	147	39.76	cps
Dysprosium	156-2	27	70	37	44	51.04	cps
Erbium	164-1	175	125	150	150	16.67	cps
Erbium	164-2	10	23	27	20	44.10	cps
Gadolinium	160-1	175	108	100	128	32.17	cps
Gadolinium	160-2	30	70	77	59	42.86	cps
Holmium	165-1	3244590	3083270	3072089	3133316	3.08	cps
Holmium	165-2	879698	900482	893826	891335	1.19	cps
Indium	115-1	2930824	2761345	2716472	2802880	4.03	cps
Indium	115-2	169147	171084	169276	169836	0.64	cps
Iron	56-2	213221	212738	215169	213709	0.60	cps
Iron	57-2	5118	5323	5112	5184	2.32	cps
Krypton	83-1	680	583	637	633	7.65	cps
Lead	206-1	1195	1395	1539	1376	12.57	cps
Lead	207-1	1228	1156	1033	1139	8.63	cps
Lead	208-1	5184	5334	5356	5291	1.77	cps
Lithium	6-1	164364	156593	155341	158766	3.08	cps
Magnesium	24-2	439661	437347	436606	437871	0.36	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117557	118905	118719	118394	0.62	cps
Molybdenum	94-1	17921	16794	17712	17476	3.43	cps
Molybdenum	95-1	28047	28139	28289	28158	0.43	cps
Molybdenum	96-1	30686	30569	30677	30644	0.21	cps
Molybdenum	97-1	17754	17854	17762	17790	0.31	cps
Molybdenum	98-1	44549	45561	45360	45157	1.19	cps
Neodymium	150-1	307	227	227	253	18.23	cps
Neodymium	150-2	57	40	50	49	17.16	cps
Nickel	60-2	1453	1620	1367	1480	8.70	cps
Phosphorus	31-2	17	67	42	42	60.00	cps
Potassium	39-2	88846	89946	89191	89328	0.63	cps
Rhodium	103-1	2828223	2661669	2650758	2713550	3.67	cps
Rhodium	103-2	964448	975566	953545	964520	1.14	cps
Scandium	45-1	1928797	1806330	1791334	1842154	4.09	cps
Scandium	45-2	23002	23042	23260	23102	0.60	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-113	-96	-66	-92	-25.90	cps
Silicon	28-1	13458782	13202845	13108383	13256670	1.37	cps
Silver	109-1	2367	2100	2050	2173	7.84	cps
Silver	107-1	2575	2759	2100	2478	13.71	cps
Sodium	23-2	4218434	4184913	4188087	4197145	0.44	cps
Strontium	86-1	424500	428350	431083	427978	0.77	cps
Strontium	88-1	3879486	3861802	3841725	3861004	0.49	cps
Sulfur	34-1	388915	384990	379505	384470	1.23	cps
Terbium	159-1	3398641	3258495	3254160	3303766	2.49	cps
Terbium	159-2	886770	905348	887581	893233	1.18	cps
Thallium	203-1	908	892	883	895	1.42	cps
Thallium	205-1	1925	2192	2142	2086	6.80	cps
Tin	118-1	3809	4017	4326	4051	6.42	cps
Titanium	47-1	3917	4042	4218	4059	3.71	cps
Uranium	238-1	29060	29845	30664	29856	2.69	cps
Vanadium	51-2	1143	1063	1183	1130	5.41	cps
Yttrium	89-1	3311243	3096300	3079213	3162252	4.09	cps
Yttrium	89-2	139639	141056	138172	139622	1.03	cps
Zinc	66-2	897	780	737	804	10.29	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1057-04	Instrumnet Name :	P8
Client Sample ID :	S32-0649	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:33:10	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3342	3100	2859	3101	7.80	cps
Zirconium	91-1	700	633	675	669	5.03	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2811	2741	2776	2776	1.26	cps
Antimony	121-1	42761	42728	42603	42697	0.20	cps
Arsenic	75-2	76	96	109	94	17.91	cps
Barium	135-1	3809	3842	4109	3920	4.20	cps
Barium	137-1	7002	6952	6960	6972	0.39	cps
Beryllium	9-1	87	70	70	76	12.74	cps
Bismuth	209-1	1885871	1840522	2032694	1919696	5.23	cps
Bismuth	209-2	667740	686853	707359	687317	2.88	cps
Boron	10-1	19355	20232	21183	20257	4.51	cps
Boron	11-1	96331	98741	100358	98477	2.06	cps
Cadmium	111-1	4073	4034	4094	4067	0.75	cps
Cadmium	106-1	1092	1025	1025	1047	3.68	cps
Cadmium	108-1	263	317	296	292	9.37	cps
Calcium	43-1	433362	437698	437212	436091	0.54	cps
Calcium	44-1	7220264	7245825	7191525	7219204	0.38	cps
Chromium	52-2	28729308	28389170	28427831	28515437	0.65	cps
Cobalt	59-2	13260	13130	13146	13179	0.54	cps
Copper	63-2	1157703	1155817	1169950	1161157	0.66	cps
Dysprosium	156-1	550	500	558	536	5.89	cps
Dysprosium	156-2	150	170	170	163	7.07	cps
Erbium	164-1	633	550	583	589	7.12	cps
Erbium	164-2	200	207	193	200	3.33	cps
Gadolinium	160-1	592	508	500	533	9.50	cps
Gadolinium	160-2	197	197	197	197	0.00	cps
Holmium	165-1	3138632	3131407	3430131	3233390	5.27	cps
Holmium	165-2	900550	915485	934227	916754	1.84	cps
Indium	115-1	2773134	2701915	2980931	2818660	5.14	cps
Indium	115-2	163095	171215	173793	169367	3.30	cps
Iron	56-2	410804	409919	410797	410507	0.12	cps
Iron	57-2	10482	10421	10176	10360	1.56	cps
Krypton	83-1	603	610	667	627	5.55	cps
Lead	206-1	1717	1656	1984	1785	9.76	cps
Lead	207-1	1422	1595	1572	1530	6.12	cps
Lead	208-1	6995	7140	7179	7105	1.36	cps
Lithium	6-1	154903	152360	163130	156797	3.59	cps
Magnesium	24-2	180533	180551	183469	181518	0.93	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	165113	165899	168182	166398	0.96	cps
Molybdenum	94-1	1775	1692	1900	1789	5.86	cps
Molybdenum	95-1	1200	1634	1283	1372	16.76	cps
Molybdenum	96-1	1650	1567	1425	1547	7.35	cps
Molybdenum	97-1	1150	1233	1383	1256	9.42	cps
Molybdenum	98-1	2017	1992	2092	2034	2.56	cps
Neodymium	150-1	533	527	533	531	0.72	cps
Neodymium	150-2	100	127	130	119	13.83	cps
Nickel	60-2	30577	30407	30550	30511	0.30	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	35480	36098	36022	35866	0.94	cps
Rhodium	103-1	2706663	2641291	2879169	2742374	4.48	cps
Rhodium	103-2	943623	973264	994012	970300	2.61	cps
Scandium	45-1	1820011	1837095	1953543	1870216	3.89	cps
Scandium	45-2	22829	22565	22829	22741	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	2	5	57.32	cps
Selenium	82-1	-7	18	-41	-10	-302.56	cps
Silicon	28-1	63219304	62535699	61807143	62520715	1.13	cps
Silver	109-1	900	842	742	828	9.67	cps
Silver	107-1	950	925	983	953	3.07	cps
Sodium	23-2	10423217	10284051	10392310	10366526	0.70	cps
Strontium	86-1	49324	49918	49759	49667	0.62	cps
Strontium	88-1	423662	422935	422533	423043	0.14	cps
Sulfur	34-1	602968	591447	594464	596293	1.00	cps
Terbium	159-1	3279035	3288981	3637906	3401974	6.01	cps
Terbium	159-2	890850	920704	939635	917063	2.68	cps
Thallium	203-1	25	58	25	36	53.30	cps
Thallium	205-1	100	125	42	89	48.11	cps
Tin	118-1	2900	2917	3134	2984	4.36	cps
Titanium	47-1	1750	1700	1575	1675	5.38	cps
Uranium	238-1	458	475	325	419	19.60	cps
Vanadium	51-2	133	113	190	146	27.32	cps
Yttrium	89-1	3140110	3077429	3361980	3193173	4.68	cps
Yttrium	89-2	137912	139226	142414	139851	1.66	cps
Zinc	66-2	10788	10928	11091	10936	1.39	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:37	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2659	2525	2334	2506	6.52	cps
Zirconium	91-1	600	608	550	586	5.38	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	68	70	66	7.90	cps
Antimony	121-1	3192	2817	3134	3048	6.62	cps
Arsenic	75-2	59	41	50	50	18.52	cps
Barium	135-1	208	275	233	239	14.10	cps
Barium	137-1	392	425	483	433	10.71	cps
Beryllium	9-1	13	27	27	22	34.66	cps
Bismuth	209-1	1861560	1908639	1860583	1876927	1.46	cps
Bismuth	209-2	644823	647460	647997	646760	0.26	cps
Boron	10-1	592	650	550	597	8.41	cps
Boron	11-1	2950	2517	2400	2623	11.05	cps
Cadmium	111-1	399	455	388	414	8.70	cps
Cadmium	106-1	558	608	525	564	7.44	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	1217	1347	1280	1281	5.07	cps
Calcium	44-1	41946	42608	42501	42352	0.84	cps
Chromium	52-2	3447	3581	3494	3507	1.93	cps
Cobalt	59-2	120	100	90	103	14.78	cps
Copper	63-2	3237	3237	3160	3212	1.38	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	3114432	3189895	3121209	3141846	1.33	cps
Holmium	165-2	863242	859462	870044	864249	0.62	cps
Indium	115-1	2760057	2790873	2761268	2770733	0.63	cps
Indium	115-2	163536	164768	161975	163427	0.86	cps
Iron	56-2	7497	8086	7352	7645	5.08	cps
Iron	57-2	222	128	211	187	27.60	cps
Krypton	83-1	670	663	570	634	8.81	cps
Lead	206-1	494	694	550	580	17.81	cps
Lead	207-1	517	550	511	526	4.00	cps
Lead	208-1	2350	2539	2467	2452	3.89	cps
Lithium	6-1	152049	151063	144906	149339	2.59	cps
Magnesium	24-2	450	417	367	411	10.20	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	240	247	241	2.11	cps
Molybdenum	94-1	308	183	217	236	27.42	cps
Molybdenum	95-1	292	283	333	303	8.85	cps
Molybdenum	96-1	450	342	292	361	22.41	cps
Molybdenum	97-1	400	542	467	469	15.10	cps
Molybdenum	98-1	475	492	517	494	4.24	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	363	373	350	362	3.23	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	4851	4734	4793	4793	1.22	cps
Rhodium	103-1	2720859	2821507	2698514	2746960	2.39	cps
Rhodium	103-2	970782	959919	977616	969439	0.92	cps
Scandium	45-1	1791644	1794278	1743490	1776471	1.61	cps
Scandium	45-2	21947	22074	21781	21934	0.67	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-191	-188	-87	-155	-37.98	cps
Silicon	28-1	169508	174291	166380	170060	2.34	cps
Silver	109-1	492	467	333	431	19.77	cps
Silver	107-1	517	425	500	481	10.16	cps
Sodium	23-2	20198	20182	19564	19981	1.81	cps
Strontium	86-1	950	925	942	939	1.36	cps
Strontium	88-1	1850	2142	2192	2061	8.95	cps
Sulfur	34-1	257314	254259	253851	255141	0.74	cps
Terbium	159-1	3270127	3391376	3297013	3319505	1.92	cps
Terbium	159-2	865625	867239	872304	868389	0.40	cps
Thallium	203-1	25	25	17	22	21.64	cps
Thallium	205-1	50	67	50	56	17.32	cps
Tin	118-1	1834	1959	2150	1981	8.05	cps
Titanium	47-1	167	125	142	144	14.52	cps
Uranium	238-1	8	33	17	19	65.47	cps
Vanadium	51-2	67	73	67	69	5.58	cps
Yttrium	89-1	3080749	3187804	3035136	3101230	2.53	cps
Yttrium	89-2	134872	134069	136198	135046	0.80	cps
Zinc	66-2	1337	1253	1303	1298	3.23	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-03	Instrumnet Name :	P8
Client Sample ID :	EB-01072019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:02	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	200	158	194	17.32	cps
Zirconium	91-1	58	83	42	61	34.32	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:43:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	80	75	73	10.41	cps
Antimony	121-1	3067	3401	3392	3287	5.79	cps
Arsenic	75-2	181	156	167	168	7.74	cps
Barium	135-1	126298	126753	128536	127195	0.93	cps
Barium	137-1	217344	221552	218701	219199	0.98	cps
Beryllium	9-1	33	33	27	31	12.36	cps
Bismuth	209-1	1892012	1872876	1895144	1886677	0.64	cps
Bismuth	209-2	633947	624385	653666	637333	2.34	cps
Boron	10-1	2967	2975	2942	2962	0.59	cps
Boron	11-1	13106	13882	13307	13432	3.00	cps
Cadmium	111-1	3158	3172	3147	3159	0.38	cps
Cadmium	106-1	983	950	925	953	3.07	cps
Cadmium	108-1	163	188	221	190	15.38	cps
Calcium	43-1	932344	932364	940877	935195	0.53	cps
Calcium	44-1	15178956	15378969	15655742	15404556	1.55	cps
Chromium	52-2	618917	608211	609785	612304	0.94	cps
Cobalt	59-2	2444	2467	2444	2451	0.55	cps
Copper	63-2	11929	12132	11652	11904	2.03	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	23	0	3	9	142.00	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	33	58	0	31	95.79	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	3206651	3142829	3273927	3207802	2.04	cps
Holmium	165-2	888882	850410	902589	880627	3.07	cps
Indium	115-1	2835996	2765434	2846813	2816081	1.57	cps
Indium	115-2	167153	161766	168673	165864	2.19	cps
Iron	56-2	84036	82035	82706	82925	1.23	cps
Iron	57-2	1978	1984	2039	2000	1.69	cps
Krypton	83-1	657	610	573	613	6.81	cps
Lead	206-1	472	433	450	452	4.32	cps
Lead	207-1	383	400	428	404	5.56	cps
Lead	208-1	1845	1817	1856	1839	1.09	cps
Lithium	6-1	149051	144574	145035	146220	1.68	cps
Magnesium	24-2	380336	373518	376590	376815	0.91	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:43:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	344265	342817	344156	343746	0.23	cps
Molybdenum	94-1	925	950	925	933	1.55	cps
Molybdenum	95-1	1250	1142	1033	1142	9.49	cps
Molybdenum	96-1	1517	1517	1433	1489	3.23	cps
Molybdenum	97-1	992	1092	1225	1103	10.62	cps
Molybdenum	98-1	2250	1975	2067	2097	6.68	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	3534	3334	3367	3412	3.14	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	29691	29097	28856	29215	1.47	cps
Rhodium	103-1	2767715	2697468	2770257	2745147	1.50	cps
Rhodium	103-2	930368	925365	972550	942761	2.75	cps
Scandium	45-1	1826835	1771206	1830651	1809564	1.84	cps
Scandium	45-2	22031	22174	22906	22370	2.10	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	9	4	4	107.89	cps
Selenium	82-1	-12	50	88	42	120.40	cps
Silicon	28-1	11447252	11618957	11582026	11549412	0.78	cps
Silver	109-1	492	433	367	431	14.53	cps
Silver	107-1	517	542	442	500	10.41	cps
Sodium	23-2	5220811	5163565	5138009	5174128	0.82	cps
Strontium	86-1	163527	161556	163520	162868	0.70	cps
Strontium	88-1	1414738	1470383	1464248	1449789	2.10	cps
Sulfur	34-1	364524	363160	362007	363231	0.35	cps
Terbium	159-1	3386036	3336752	3432801	3385196	1.42	cps
Terbium	159-2	869338	862801	905765	879301	2.63	cps
Thallium	203-1	33	17	17	22	43.28	cps
Thallium	205-1	75	25	50	50	50.00	cps
Tin	118-1	2250	2034	2042	2109	5.82	cps
Titanium	47-1	242	200	267	236	14.26	cps
Uranium	238-1	2675	2709	3051	2812	7.38	cps
Vanadium	51-2	230	297	277	268	12.78	cps
Yttrium	89-1	3190262	3071631	3207161	3156351	2.34	cps
Yttrium	89-2	132581	132055	140363	135000	3.45	cps
Zinc	66-2	2264	2470	2394	2376	4.40	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:43:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	275	325	358	29.05	cps
Zirconium	91-1	92	125	75	97	26.19	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:46:59 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656	2743	2758	2719	2.04	cps
Antimony	121-1	47025	47059	46808	46964	0.29	cps
Arsenic	75-2	133	124	172	143	17.84	cps
Barium	135-1	5576	5877	6877	6110	11.15	cps
Barium	137-1	9921	10471	10913	10435	4.77	cps
Beryllium	9-1	233	247	293	258	12.22	cps
Bismuth	209-1	2004111	1991427	1935257	1976932	1.85	cps
Bismuth	209-2	694155	733539	702506	710067	2.92	cps
Boron	10-1	19439	20107	21191	20246	4.37	cps
Boron	11-1	96021	100250	102599	99623	3.35	cps
Cadmium	111-1	4517	4614	4797	4643	3.07	cps
Cadmium	106-1	1050	925	1117	1031	9.44	cps
Cadmium	108-1	367	233	271	290	23.69	cps
Calcium	43-1	429047	435860	437574	434161	1.04	cps
Calcium	44-1	7072343	7110182	7223126	7135217	1.10	cps
Chromium	52-2	28340560	27994828	28462186	28265858	0.86	cps
Cobalt	59-2	14014	13910	13917	13947	0.42	cps
Copper	63-2	1139254	1146269	1160454	1148659	0.94	cps
Dysprosium	156-1	508	575	508	531	7.25	cps
Dysprosium	156-2	137	193	180	170	17.43	cps
Erbium	164-1	575	550	792	639	20.80	cps
Erbium	164-2	163	193	187	181	8.70	cps
Gadolinium	160-1	550	500	658	569	14.21	cps
Gadolinium	160-2	250	240	233	241	3.48	cps
Holmium	165-1	3319987	3358669	3259400	3312685	1.51	cps
Holmium	165-2	933130	988613	943804	955182	3.08	cps
Indium	115-1	2847643	2884795	2819443	2850627	1.15	cps
Indium	115-2	170095	180338	172653	174362	3.06	cps
Iron	56-2	443339	445011	446543	444964	0.36	cps
Iron	57-2	10715	11694	11194	11201	4.37	cps
Krypton	83-1	617	613	593	608	2.08	cps
Lead	206-1	2762	2895	2856	2837	2.42	cps
Lead	207-1	2295	2306	2484	2361	4.49	cps
Lead	208-1	10713	11469	11369	11184	3.67	cps
Lithium	6-1	152920	153625	150625	152390	1.03	cps
Magnesium	24-2	180632	179565	180195	180131	0.30	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:46:59	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170709	167588	171024	169774	1.12	cps
Molybdenum	94-1	4976	4843	4959	4926	1.48	cps
Molybdenum	95-1	4651	4551	5026	4743	5.28	cps
Molybdenum	96-1	5218	5902	5952	5690	7.20	cps
Molybdenum	97-1	3384	3075	3234	3231	4.77	cps
Molybdenum	98-1	7961	7728	8436	8042	4.49	cps
Neodymium	150-1	493	653	613	587	14.19	cps
Neodymium	150-2	103	140	133	126	15.55	cps
Nickel	60-2	30614	31492	31339	31148	1.51	cps
Phosphorus	31-2	17	58	8	28	96.44	cps
Potassium	39-2	37108	37861	38237	37735	1.52	cps
Rhodium	103-1	2812563	2800930	2716758	2776750	1.88	cps
Rhodium	103-2	973866	1032968	991478	999437	3.04	cps
Scandium	45-1	1868601	1866706	1785415	1840241	2.58	cps
Scandium	45-2	22669	24201	22992	23287	3.47	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	9	2	5	78.12	cps
Selenium	82-1	106	89	96	97	8.55	cps
Silicon	28-1	61870881	61511791	62667120	62016597	0.95	cps
Silver	109-1	2359	2425	2525	2436	3.44	cps
Silver	107-1	2342	2642	2250	2411	8.50	cps
Sodium	23-2	10287723	10343796	10450790	10360769	0.80	cps
Strontium	86-1	51708	52569	53063	52447	1.31	cps
Strontium	88-1	443740	446799	450943	447161	0.81	cps
Sulfur	34-1	585246	583576	581878	583567	0.29	cps
Terbium	159-1	3509468	3578925	3470767	3519720	1.56	cps
Terbium	159-2	921064	976239	930964	942756	3.12	cps
Thallium	203-1	1042	958	1050	1017	4.99	cps
Thallium	205-1	2592	2475	2459	2509	2.90	cps
Tin	118-1	3701	3792	3601	3698	2.59	cps
Titanium	47-1	2909	2375	2967	2750	11.86	cps
Uranium	238-1	3101	3526	3659	3428	8.51	cps
Vanadium	51-2	337	297	327	320	6.50	cps
Yttrium	89-1	3249335	3213178	3135580	3199364	1.82	cps
Yttrium	89-2	140461	149748	141548	143919	3.53	cps
Zinc	66-2	12386	11975	12142	12168	1.70	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:46:59	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5293	5001	5168	5154	2.84	cps
Zirconium	91-1	1250	1142	1258	1217	5.35	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:50:24 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11418	11625	11217	11420	1.79	cps
Antimony	121-1	6477	6660	6510	6549	1.49	cps
Arsenic	75-2	257	276	259	264	3.86	cps
Barium	135-1	117233	123094	117402	119243	2.80	cps
Barium	137-1	205273	205356	207453	206028	0.60	cps
Beryllium	9-1	837	903	803	848	6.01	cps
Bismuth	209-1	1939497	1941577	1974144	1951739	1.00	cps
Bismuth	209-2	678583	690125	688489	685732	0.91	cps
Boron	10-1	126395	130442	133677	130171	2.80	cps
Boron	11-1	631094	646086	661076	646085	2.32	cps
Cadmium	111-1	301646	301222	307850	303573	1.22	cps
Cadmium	106-1	28790	28874	28231	28631	1.22	cps
Cadmium	108-1	19952	19769	19944	19889	0.52	cps
Calcium	43-1	944896	935925	955959	945593	1.06	cps
Calcium	44-1	15353681	15591686	15528671	15491346	0.80	cps
Chromium	52-2	29061472	29084350	29389425	29178416	0.63	cps
Cobalt	59-2	28680	28028	28656	28455	1.30	cps
Copper	63-2	1611459	1620997	1626522	1619659	0.47	cps
Dysprosium	156-1	36644	36820	37781	37081	1.65	cps
Dysprosium	156-2	13300	13177	13557	13345	1.45	cps
Erbium	164-1	36895	36578	36920	36798	0.52	cps
Erbium	164-2	10348	10675	10157	10393	2.52	cps
Gadolinium	160-1	40857	40690	42077	41208	1.84	cps
Gadolinium	160-2	16267	16270	16144	16227	0.45	cps
Holmium	165-1	3296574	3323484	3394619	3338226	1.52	cps
Holmium	165-2	928094	939905	942802	936934	0.83	cps
Indium	115-1	2769900	2766321	2896937	2811053	2.65	cps
Indium	115-2	170688	172072	172885	171882	0.65	cps
Iron	56-2	454548	455378	459092	456339	0.53	cps
Iron	57-2	11505	11388	10905	11266	2.83	cps
Krypton	83-1	630	660	650	647	2.36	cps
Lead	206-1	1645	1706	1822	1724	5.24	cps
Lead	207-1	1478	1556	1561	1532	3.04	cps
Lead	208-1	6534	6818	7034	6795	3.69	cps
Lithium	6-1	149960	147896	154117	150658	2.10	cps
Magnesium	24-2	420670	415080	418942	418231	0.68	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:50:24	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1490419	1499264	1493924	1494536	0.30	cps
Molybdenum	94-1	4584	4534	4368	4495	2.52	cps
Molybdenum	95-1	6127	5576	5776	5827	4.78	cps
Molybdenum	96-1	6577	6368	6143	6363	3.41	cps
Molybdenum	97-1	3884	3842	3942	3890	1.29	cps
Molybdenum	98-1	9404	9053	9037	9165	2.26	cps
Neodymium	150-1	36539	36318	37120	36659	1.13	cps
Neodymium	150-2	7155	6962	7135	7084	1.50	cps
Nickel	60-2	286672	283850	284540	285021	0.52	cps
Phosphorus	31-2	42	0	42	28	86.60	cps
Potassium	39-2	58289	57987	57819	58032	0.41	cps
Rhodium	103-1	2740338	2716152	2830399	2762296	2.18	cps
Rhodium	103-2	972624	980272	997275	983390	1.28	cps
Scandium	45-1	1844581	1806791	1862379	1837917	1.54	cps
Scandium	45-2	22645	23497	22976	23039	1.86	cps
Selenium	77-2	63	63	63	63	0.01	cps
Selenium	78-2	56	56	35	49	24.11	cps
Selenium	82-1	179	141	172	164	12.20	cps
Silicon	28-1	18243893	18326871	18371782	18314182	0.35	cps
Silver	109-1	2442	2392	2559	2464	3.47	cps
Silver	107-1	2909	2625	2734	2756	5.19	cps
Sodium	23-2	15206194	15206179	15292491	15234955	0.33	cps
Strontium	86-1	390677	402221	401619	398172	1.63	cps
Strontium	88-1	3556699	3612750	3624634	3598028	1.01	cps
Sulfur	34-1	1563524	1568938	1590392	1574284	0.90	cps
Terbium	159-1	3504150	3429418	3581638	3505068	2.17	cps
Terbium	159-2	925120	934356	947734	935737	1.22	cps
Thallium	203-1	1408	1225	1484	1372	9.69	cps
Thallium	205-1	3217	3351	3067	3212	4.42	cps
Tin	118-1	3259	3301	3392	3317	2.06	cps
Titanium	47-1	1692	1517	1508	1572	6.59	cps
Uranium	238-1	5727	5743	5468	5646	2.73	cps
Vanadium	51-2	343	377	327	349	7.30	cps
Yttrium	89-1	3981383	3900822	4048117	3976774	1.85	cps
Yttrium	89-2	171940	173875	177008	174274	1.47	cps
Zinc	66-2	63495	62564	63853	63304	1.05	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:50:24	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2592	2992	2692	2759	7.55	cps
Zirconium	91-1	683	683	517	628	15.33	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-10 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:53:48 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62017	62218	61819	62018	0.32	cps
Antimony	121-1	2338440	2392936	2378613	2369996	1.19	cps
Arsenic	75-2	44228	44953	44780	44653	0.85	cps
Barium	135-1	2390148	2475572	2461696	2442472	1.88	cps
Barium	137-1	4155006	4128385	4225773	4169721	1.21	cps
Beryllium	9-1	199723	201665	204403	201930	1.16	cps
Bismuth	209-1	1870170	1986439	1954064	1936891	3.10	cps
Bismuth	209-2	692536	699305	705500	699114	0.93	cps
Boron	10-1	161407	164053	169326	164929	2.44	cps
Boron	11-1	791442	820281	837935	816553	2.87	cps
Cadmium	111-1	788991	799664	804866	797840	1.01	cps
Cadmium	106-1	77958	78839	78890	78562	0.67	cps
Cadmium	108-1	54083	54614	55146	54614	0.97	cps
Calcium	43-1	1466478	1528707	1543517	1512901	2.70	cps
Calcium	44-1	23845895	24301425	24662268	24269863	1.69	cps
Chromium	52-2	29268946	29646941	29331391	29415760	0.69	cps
Cobalt	59-2	696758	702990	704033	701260	0.56	cps
Copper	63-2	2849210	2816779	2795423	2820471	0.96	cps
Dysprosium	156-1	35867	37262	38315	37148	3.31	cps
Dysprosium	156-2	14004	14084	13587	13892	1.92	cps
Erbium	164-1	36720	36895	38249	37288	2.24	cps
Erbium	164-2	10521	10237	10948	10569	3.38	cps
Gadolinium	160-1	41642	41944	42220	41935	0.69	cps
Gadolinium	160-2	16534	16848	16748	16710	0.96	cps
Holmium	165-1	3240557	3426098	3366102	3344252	2.83	cps
Holmium	165-2	966179	977642	973554	972459	0.60	cps
Indium	115-1	2742890	2895449	2831627	2823322	2.71	cps
Indium	115-2	170963	174641	174652	173419	1.23	cps
Iron	56-2	12184109	12408705	12187238	12260017	1.05	cps
Iron	57-2	298905	301875	299544	300108	0.52	cps
Krypton	83-1	747	640	687	691	7.74	cps
Lead	206-1	1086888	1104771	1112408	1101356	1.19	cps
Lead	207-1	950053	955478	972527	959353	1.22	cps
Lead	208-1	4495709	4515678	4575985	4529124	0.92	cps
Lithium	6-1	153787	159548	158539	157291	1.96	cps
Magnesium	24-2	1687087	1696575	1694117	1692593	0.29	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:53:48	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1695011	1735817	1730175	1720334	1.29	cps
Molybdenum	94-1	4101612	4122541	4152909	4125687	0.63	cps
Molybdenum	95-1	4997266	5092525	5097048	5062279	1.11	cps
Molybdenum	96-1	5538353	5539324	5616228	5564635	0.80	cps
Molybdenum	97-1	3120882	3120379	3155486	3132249	0.64	cps
Molybdenum	98-1	7966882	7962987	8056741	7995537	0.66	cps
Neodymium	150-1	36739	37735	38343	37606	2.15	cps
Neodymium	150-2	7145	7405	7536	7362	2.70	cps
Nickel	60-2	476637	483244	484833	481572	0.90	cps
Phosphorus	31-2	25	25	33	28	17.31	cps
Potassium	39-2	417812	419442	418649	418634	0.19	cps
Rhodium	103-1	2675698	2848361	2763614	2762558	3.13	cps
Rhodium	103-2	994557	1007060	1007135	1002917	0.72	cps
Scandium	45-1	1794528	1941627	1878520	1871558	3.94	cps
Scandium	45-2	24428	24061	23647	24045	1.63	cps
Selenium	77-2	387	320	357	354	9.42	cps
Selenium	78-2	1083	1091	1087	1087	0.34	cps
Selenium	82-1	34751	34627	34651	34676	0.19	cps
Silicon	28-1	19288983	19776100	19959058	19674714	1.76	cps
Silver	109-1	2292076	2351018	2353623	2332239	1.49	cps
Silver	107-1	2440784	2442727	2472534	2452015	0.73	cps
Sodium	23-2	18206202	18300234	18383488	18296642	0.48	cps
Strontium	86-1	1008889	1014072	1026424	1016462	0.89	cps
Strontium	88-1	8979230	9002776	9078922	9020309	0.58	cps
Sulfur	34-1	1578033	1609782	1594961	1594258	1.00	cps
Terbium	159-1	3456184	3599248	3543683	3533038	2.04	cps
Terbium	159-2	964985	979610	965294	969963	0.86	cps
Thallium	203-1	1326046	1347793	1373924	1349254	1.78	cps
Thallium	205-1	3413579	3387572	3451935	3417695	0.95	cps
Tin	118-1	1427537	1444874	1536386	1469599	3.98	cps
Titanium	47-1	1332894	1364852	1384986	1360911	1.93	cps
Uranium	238-1	4217107	4228964	4304009	4250026	1.11	cps
Vanadium	51-2	244558	242023	244477	243686	0.59	cps
Yttrium	89-1	3901842	4080369	3975525	3985912	2.25	cps
Yttrium	89-2	176860	180966	178782	178869	1.15	cps
Zinc	66-2	181684	184452	182179	182772	0.81	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:53:48	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3376160	3445624	3422159	3414648	1.03	cps
Zirconium	91-1	745723	750738	754972	750478	0.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:57:04	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62647	61987	61854	62163	0.68	cps
Antimony	121-1	2376042	2396641	2407055	2393246	0.66	cps
Arsenic	75-2	45294	44900	45175	45123	0.45	cps
Barium	135-1	2438935	2460228	2478394	2459186	0.80	cps
Barium	137-1	4175111	4203140	4176636	4184963	0.38	cps
Beryllium	9-1	204757	205673	209153	206528	1.12	cps
Bismuth	209-1	2027759	1959355	2022851	2003322	1.90	cps
Bismuth	209-2	679587	720926	699401	699972	2.95	cps
Boron	10-1	163693	168126	169554	167124	1.83	cps
Boron	11-1	813370	829122	843345	828612	1.81	cps
Cadmium	111-1	805870	813470	814103	811147	0.56	cps
Cadmium	106-1	81547	80315	81940	81268	1.04	cps
Cadmium	108-1	56041	56410	55757	56069	0.58	cps
Calcium	43-1	1541582	1563491	1560399	1555157	0.76	cps
Calcium	44-1	24889103	25197580	24854502	24980395	0.76	cps
Chromium	52-2	29426740	29269155	29564989	29420295	0.50	cps
Cobalt	59-2	710066	704738	704683	706496	0.44	cps
Copper	63-2	2856782	2821526	2844485	2840931	0.63	cps
Dysprosium	156-1	38007	37889	39653	38516	2.56	cps
Dysprosium	156-2	13918	13998	13681	13865	1.19	cps
Erbium	164-1	36862	37756	37430	37349	1.21	cps
Erbium	164-2	10671	10528	10758	10652	1.09	cps
Gadolinium	160-1	41684	42069	41200	41651	1.05	cps
Gadolinium	160-2	16457	16674	17165	16765	2.16	cps
Holmium	165-1	3431989	3396192	3483897	3437359	1.28	cps
Holmium	165-2	944049	996629	973882	971520	2.71	cps
Indium	115-1	2899227	2854692	2822815	2858911	1.34	cps
Indium	115-2	169096	176199	171245	172180	2.12	cps
Iron	56-2	12386580	12280394	12358589	12341854	0.45	cps
Iron	57-2	300584	300692	302033	301103	0.27	cps
Krypton	83-1	757	673	723	718	5.84	cps
Lead	206-1	1123083	1121505	1136365	1126984	0.72	cps
Lead	207-1	975324	987720	986556	983200	0.70	cps
Lead	208-1	4580934	4652989	4676443	4636789	1.07	cps
Lithium	6-1	163372	158175	160703	160750	1.62	cps
Magnesium	24-2	1728585	1707254	1699321	1711720	0.88	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:57:04	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1752847	1716091	1725782	1731573	1.10	cps
Molybdenum	94-1	4128081	4257829	4196829	4194247	1.55	cps
Molybdenum	95-1	5092394	5138524	5219623	5150181	1.25	cps
Molybdenum	96-1	5658373	5618920	5706766	5661353	0.78	cps
Molybdenum	97-1	3157024	3158148	3155673	3156948	0.04	cps
Molybdenum	98-1	8135975	8159130	8148175	8147760	0.14	cps
Neodymium	150-1	36946	37360	38437	37581	2.05	cps
Neodymium	150-2	7362	7255	7382	7333	0.93	cps
Nickel	60-2	491538	487265	488613	489139	0.45	cps
Phosphorus	31-2	42	25	25	31	31.50	cps
Potassium	39-2	416191	416742	412522	415151	0.55	cps
Rhodium	103-1	2868154	2772956	2797592	2812901	1.76	cps
Rhodium	103-2	989978	1032959	1007858	1010265	2.14	cps
Scandium	45-1	1958402	1935080	1912212	1935231	1.19	cps
Scandium	45-2	23350	24615	24331	24099	2.76	cps
Selenium	77-2	380	423	363	389	7.97	cps
Selenium	78-2	1117	1152	1126	1132	1.61	cps
Selenium	82-1	34912	34777	35304	34997	0.78	cps
Silicon	28-1	19544667	19863363	19827842	19745291	0.88	cps
Silver	109-1	2376314	2409543	2398489	2394782	0.71	cps
Silver	107-1	2489955	2513770	2522486	2508737	0.67	cps
Sodium	23-2	18171102	18135412	18226079	18177531	0.25	cps
Strontium	86-1	1024357	1025454	1044503	1031438	1.10	cps
Strontium	88-1	9002059	9096406	9190853	9096439	1.04	cps
Sulfur	34-1	1583728	1604527	1593068	1593775	0.65	cps
Terbium	159-1	3623420	3564504	3646792	3611572	1.17	cps
Terbium	159-2	944537	986931	973984	968484	2.24	cps
Thallium	203-1	1375591	1387019	1384244	1382285	0.43	cps
Thallium	205-1	3455396	3460141	3512502	3476013	0.91	cps
Tin	118-1	1463140	1521886	1483988	1489671	2.00	cps
Titanium	47-1	1363457	1372316	1378027	1371267	0.54	cps
Uranium	238-1	4385738	4423658	4396844	4402080	0.44	cps
Vanadium	51-2	245456	245591	244593	245214	0.22	cps
Yttrium	89-1	4117845	4029156	4121324	4089442	1.28	cps
Yttrium	89-2	174743	178687	178227	177219	1.22	cps
Zinc	66-2	184088	182374	184884	183782	0.70	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:57:04	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3442206	3484641	3513210	3480019	1.03	cps
Zirconium	91-1	757646	768435	770194	765425	0.89	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362122	371665	370084	367957	1.39	cps
Antimony	121-1	2593780	2525187	2503409	2540792	1.86	cps
Arsenic	75-2	56636	57471	57082	57063	0.73	cps
Barium	135-1	2548293	2449753	2455077	2484374	2.23	cps
Barium	137-1	4293649	4163336	4146271	4201085	1.92	cps
Beryllium	9-1	338232	319261	321240	326244	3.20	cps
Bismuth	209-1	2155969	1957563	1975377	2029636	5.41	cps
Bismuth	209-2	846196	825881	830093	834057	1.29	cps
Boron	10-1	49915	48801	48575	49097	1.46	cps
Boron	11-1	243809	243909	243113	243610	0.18	cps
Cadmium	111-1	549385	534109	533993	539162	1.64	cps
Cadmium	106-1	57978	56670	56260	56969	1.57	cps
Cadmium	108-1	39346	38559	38267	38724	1.44	cps
Calcium	43-1	3396616	3363017	3369041	3376225	0.53	cps
Calcium	44-1	55424849	53418603	54166249	54336567	1.87	cps
Chromium	52-2	424603	432184	431624	429470	0.98	cps
Cobalt	59-2	814466	823964	826300	821577	0.76	cps
Copper	63-2	1322013	1325421	1322847	1323427	0.13	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	58	75	25	53	48.24	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	13	30	17	20	44.10	cps
Holmium	165-1	3674947	3351171	3468933	3498350	4.68	cps
Holmium	165-2	1183094	1148408	1164968	1165490	1.49	cps
Indium	115-1	3209188	3062741	3132127	3134686	2.34	cps
Indium	115-2	225553	222889	225557	224666	0.69	cps
Iron	56-2	71755118	71712640	72425243	71964334	0.56	cps
Iron	57-2	1802951	1829574	1871281	1834602	1.88	cps
Krypton	83-1	680	707	623	670	6.35	cps
Lead	206-1	1171473	1082574	1070900	1108316	4.96	cps
Lead	207-1	1074880	979378	968360	1007539	5.81	cps
Lead	208-1	4974159	4517835	4489367	4660454	5.84	cps
Lithium	6-1	301748	259921	272267	277979	7.73	cps
Magnesium	24-2	7859624	7975982	7936430	7924012	0.75	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250392	252023	251613	251343	0.34	cps
Molybdenum	94-1	4765623	4495819	4494891	4585444	3.40	cps
Molybdenum	95-1	5904295	5588915	5553435	5682215	3.40	cps
Molybdenum	96-1	6427311	6121288	6078922	6209173	3.06	cps
Molybdenum	97-1	3624337	3442010	3422065	3496137	3.19	cps
Molybdenum	98-1	9332687	8803058	8839376	8991707	3.29	cps
Neodymium	150-1	93	147	113	118	22.87	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	238008	241013	240013	239678	0.64	cps
Phosphorus	31-2	6460	5960	6694	6371	5.88	cps
Potassium	39-2	2456068	2465517	2501786	2474457	0.98	cps
Rhodium	103-1	3247144	3028399	3116619	3130721	3.52	cps
Rhodium	103-2	1188456	1161379	1170343	1173392	1.18	cps
Scandium	45-1	2490806	2398310	2469047	2452721	1.97	cps
Scandium	45-2	33179	31596	32882	32552	2.59	cps
Selenium	77-2	443	450	420	438	3.60	cps
Selenium	78-2	1437	1415	1446	1433	1.13	cps
Selenium	82-1	42319	39722	39469	40503	3.89	cps
Silicon	28-1	1603887	1594332	1614009	1604076	0.61	cps
Silver	109-1	2621721	2539823	2508522	2556689	2.29	cps
Silver	107-1	2698680	2644897	2642652	2662077	1.19	cps
Sodium	23-2	18351018	18681236	18842386	18624880	1.34	cps
Strontium	86-1	704643	684569	679527	689580	1.93	cps
Strontium	88-1	6226784	6105411	6100336	6144177	1.17	cps
Sulfur	34-1	554743	556415	552612	554590	0.34	cps
Terbium	159-1	3778289	3616264	3663516	3686023	2.26	cps
Terbium	159-2	1180455	1146470	1157968	1161631	1.49	cps
Thallium	203-1	1448377	1344360	1326597	1373111	4.79	cps
Thallium	205-1	3605973	3351588	3279517	3412360	5.03	cps
Tin	118-1	1734361	1658081	1656962	1683135	2.64	cps
Titanium	47-1	1741731	1702413	1706139	1716761	1.26	cps
Uranium	238-1	4632493	4216502	4128660	4325885	6.22	cps
Vanadium	51-2	311243	313020	313670	312644	0.40	cps
Yttrium	89-1	3775946	3662122	3723900	3720656	1.53	cps
Yttrium	89-2	189350	185871	187860	187693	0.93	cps
Zinc	66-2	147562	149829	150162	149184	0.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:54	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3878632	3758616	3774769	3804006	1.71	cps
Zirconium	91-1	843722	821457	818083	827754	1.68	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:24:35 DataFile Name : 093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	33	44	22.87	cps
Antimony	121-1	100	92	108	100	8.33	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	58	8	17	28	96.44	cps
Barium	137-1	42	42	25	36	26.65	cps
Beryllium	9-1	33	27	40	33	20.00	cps
Bismuth	209-1	1992487	2010154	1979735	1994125	0.77	cps
Bismuth	209-2	914065	840792	880174	878343	4.17	cps
Boron	10-1	925	792	983	900	10.92	cps
Boron	11-1	4042	3976	4092	4037	1.45	cps
Cadmium	111-1	452	580	593	542	14.44	cps
Cadmium	106-1	633	833	833	767	15.06	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	337	300	270	302	11.05	cps
Calcium	44-1	30884	30573	30827	30762	0.54	cps
Chromium	52-2	2734	2617	2464	2605	5.20	cps
Cobalt	59-2	57	70	90	72	23.23	cps
Copper	63-2	920	930	933	928	0.75	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	3398269	3367850	3341323	3369147	0.85	cps
Holmium	165-2	1210754	1126275	1169595	1168875	3.61	cps
Indium	115-1	3199925	3219836	3133281	3184347	1.42	cps
Indium	115-2	249240	227337	238193	238257	4.60	cps
Iron	56-2	3573	3751	3867	3730	3.98	cps
Iron	57-2	161	133	122	139	14.42	cps
Krypton	83-1	540	577	687	601	12.70	cps
Lead	206-1	322	356	311	330	7.02	cps
Lead	207-1	289	189	367	281	31.66	cps
Lead	208-1	1239	1256	1383	1293	6.11	cps
Lithium	6-1	356057	362836	358224	359039	0.96	cps
Magnesium	24-2	300	325	375	333	11.46	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:24:35 DataFile Name : 093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	107	93	94	12.39	cps
Molybdenum	94-1	150	167	250	189	28.36	cps
Molybdenum	95-1	50	25	8	28	75.51	cps
Molybdenum	96-1	108	175	58	114	51.39	cps
Molybdenum	97-1	167	208	233	203	16.61	cps
Molybdenum	98-1	83	67	67	72	13.33	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	93	80	103	92	12.70	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	5368	5693	5560	5540	2.95	cps
Rhodium	103-1	3256518	3290255	3252699	3266491	0.63	cps
Rhodium	103-2	1282980	1183455	1244402	1236945	4.06	cps
Scandium	45-1	2554219	2606835	2570207	2577087	1.05	cps
Scandium	45-2	33049	30680	32805	32178	4.05	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	60	39	-83	5	1413.80	cps
Silicon	28-1	267723	272002	270056	269927	0.79	cps
Silver	109-1	92	200	192	161	37.42	cps
Silver	107-1	175	175	142	164	11.74	cps
Sodium	23-2	15384	14942	14817	15047	1.98	cps
Strontium	86-1	742	950	783	825	13.36	cps
Strontium	88-1	117	58	83	86	33.98	cps
Sulfur	34-1	433138	440041	440059	437746	0.91	cps
Terbium	159-1	3555693	3621463	3558601	3578586	1.04	cps
Terbium	159-2	1213927	1114636	1166020	1164861	4.26	cps
Thallium	203-1	33	42	67	47	36.73	cps
Thallium	205-1	133	133	50	106	45.58	cps
Tin	118-1	233	283	225	247	12.76	cps
Titanium	47-1	108	117	83	103	16.88	cps
Uranium	238-1	25	50	17	31	56.77	cps
Vanadium	51-2	37	10	20	22	60.63	cps
Yttrium	89-1	3695632	3783617	3641397	3706882	1.94	cps
Yttrium	89-2	199228	182339	192152	191240	4.44	cps
Zinc	66-2	133	120	147	133	10.00	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:24:35	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	142	283	258	228	33.20	cps
Zirconium	91-1	42	33	75	50	44.10	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69895	69629	70269	69931	0.46	cps
Antimony	121-1	2400552	2456226	2435151	2430643	1.16	cps
Arsenic	75-2	48273	48199	48754	48409	0.62	cps
Barium	135-1	2487820	2515764	2528253	2510612	0.82	cps
Barium	137-1	4229015	4261289	4301883	4264062	0.86	cps
Beryllium	9-1	275012	272041	262701	269918	2.38	cps
Bismuth	209-1	1960828	1945630	2047154	1984537	2.76	cps
Bismuth	209-2	760374	782089	750635	764366	2.11	cps
Boron	10-1	220442	219081	219877	219800	0.31	cps
Boron	11-1	1107401	1121489	1113813	1114235	0.63	cps
Cadmium	111-1	819017	818466	829801	822428	0.78	cps
Cadmium	106-1	82955	83164	84758	83626	1.18	cps
Cadmium	108-1	56334	56823	56694	56617	0.45	cps
Calcium	43-1	1753762	1745473	1753204	1750813	0.26	cps
Calcium	44-1	27852809	27691409	27713826	27752681	0.32	cps
Chromium	52-2	32057835	31604886	32104374	31922365	0.86	cps
Cobalt	59-2	760944	748064	762527	757178	1.05	cps
Copper	63-2	2999677	2994134	3030409	3008073	0.65	cps
Dysprosium	156-1	37689	39135	38683	38502	1.92	cps
Dysprosium	156-2	14979	14565	14732	14758	1.41	cps
Erbium	164-1	35015	38424	37555	36998	4.79	cps
Erbium	164-2	11188	11275	11305	11256	0.54	cps
Gadolinium	160-1	41200	41660	41977	41612	0.94	cps
Gadolinium	160-2	17759	17669	17462	17630	0.86	cps
Holmium	165-1	3361795	3410708	3574924	3449142	3.24	cps
Holmium	165-2	1061120	1087849	1030562	1059843	2.70	cps
Indium	115-1	2970035	2886279	3039116	2965143	2.58	cps
Indium	115-2	192287	192043	185234	189855	2.11	cps
Iron	56-2	13251570	13207202	13369074	13275949	0.63	cps
Iron	57-2	325717	325772	326114	325868	0.07	cps
Krypton	83-1	777	650	717	714	8.87	cps
Lead	206-1	1079462	1088507	1092681	1086883	0.62	cps
Lead	207-1	940071	961684	965764	955840	1.44	cps
Lead	208-1	4461803	4528345	4533997	4508048	0.89	cps
Lithium	6-1	245324	237782	236824	239976	1.94	cps
Magnesium	24-2	1871726	1865721	1858475	1865307	0.36	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1898243	1887491	1895179	1893638	0.29	cps
Molybdenum	94-1	4259344	4314061	4295867	4289757	0.65	cps
Molybdenum	95-1	5300582	5294204	5311703	5302163	0.17	cps
Molybdenum	96-1	5794582	5816846	5743416	5784948	0.65	cps
Molybdenum	97-1	3260816	3319555	3262719	3281030	1.02	cps
Molybdenum	98-1	8399524	8354490	8446698	8400238	0.55	cps
Neodymium	150-1	37882	37855	38999	38245	1.71	cps
Neodymium	150-2	7666	7742	8153	7854	3.33	cps
Nickel	60-2	522023	520227	518820	520357	0.31	cps
Phosphorus	31-2	33	42	42	39	12.38	cps
Potassium	39-2	468874	461662	461353	463963	0.92	cps
Rhodium	103-1	2944364	2865402	3027782	2945849	2.76	cps
Rhodium	103-2	1075250	1093505	1045426	1071394	2.27	cps
Scandium	45-1	2172781	2097553	2220599	2163644	2.87	cps
Scandium	45-2	26525	26959	25821	26435	2.17	cps
Selenium	77-2	407	383	380	390	3.73	cps
Selenium	78-2	1348	1191	1226	1255	6.58	cps
Selenium	82-1	36402	36765	37017	36728	0.84	cps
Silicon	28-1	24836175	24642863	24356210	24611749	0.98	cps
Silver	109-1	2421586	2432508	2449492	2434529	0.58	cps
Silver	107-1	2544739	2574662	2586581	2568661	0.84	cps
Sodium	23-2	19946437	19765985	19951151	19887858	0.53	cps
Strontium	86-1	1056543	1070480	1068978	1065334	0.72	cps
Strontium	88-1	9346335	9430835	9455440	9410870	0.61	cps
Sulfur	34-1	1934215	1935581	1912975	1927591	0.66	cps
Terbium	159-1	3602048	3577292	3738475	3639272	2.39	cps
Terbium	159-2	1049290	1068118	1027636	1048348	1.93	cps
Thallium	203-1	1331648	1356781	1364782	1351070	1.28	cps
Thallium	205-1	3374760	3411415	3394922	3393699	0.54	cps
Tin	118-1	1484729	1543833	1495769	1508110	2.08	cps
Titanium	47-1	1548696	1530678	1525496	1534957	0.79	cps
Uranium	238-1	4200358	4272470	4313458	4262095	1.34	cps
Vanadium	51-2	268094	264978	268612	267228	0.74	cps
Yttrium	89-1	4214691	4201350	4326602	4247547	1.62	cps
Yttrium	89-2	195074	198087	192031	195064	1.55	cps
Zinc	66-2	198188	195244	197742	197058	0.81	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09A	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:28:05	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3512823	3600745	3600648	3571405	1.42	cps
Zirconium	91-1	784618	794123	785250	787997	0.67	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	245	275	251	8.71	cps
Antimony	121-1	3959	4218	4359	4179	4.86	cps
Arsenic	75-2	261	263	272	265	2.24	cps
Barium	135-1	78391	77284	78784	78153	0.99	cps
Barium	137-1	134538	136895	136650	136028	0.95	cps
Beryllium	9-1	73	67	50	63	18.98	cps
Bismuth	209-1	1857648	1765402	1831256	1818102	2.61	cps
Bismuth	209-2	704497	701807	709434	705246	0.55	cps
Boron	10-1	288163	289729	291969	289954	0.66	cps
Boron	11-1	1478029	1506652	1487508	1490730	0.98	cps
Cadmium	111-1	650	837	700	729	13.27	cps
Cadmium	106-1	658	783	700	714	8.92	cps
Cadmium	108-1	75	58	88	74	19.88	cps
Calcium	43-1	730594	730763	743064	734807	0.97	cps
Calcium	44-1	12109112	12100115	12158854	12122693	0.26	cps
Chromium	52-2	68694	68909	69984	69196	1.00	cps
Cobalt	59-2	5204	5191	4994	5130	2.29	cps
Copper	63-2	31025	31215	30988	31076	0.39	cps
Dysprosium	156-1	100	117	83	100	16.66	cps
Dysprosium	156-2	30	27	47	34	31.11	cps
Erbium	164-1	108	125	67	100	30.05	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	117	92	150	119	24.50	cps
Gadolinium	160-2	43	50	50	48	8.06	cps
Holmium	165-1	3170177	3078494	3205536	3151402	2.08	cps
Holmium	165-2	986219	978726	982438	982461	0.38	cps
Indium	115-1	2807689	2649356	2813605	2756883	3.38	cps
Indium	115-2	180880	179827	181014	180573	0.36	cps
Iron	56-2	4921133	4952667	4949193	4940998	0.35	cps
Iron	57-2	119317	120707	119100	119708	0.73	cps
Krypton	83-1	810	747	883	813	8.41	cps
Lead	206-1	3067	3167	2906	3047	4.32	cps
Lead	207-1	2617	2600	2373	2530	5.40	cps
Lead	208-1	12186	12130	11786	12034	1.80	cps
Lithium	6-1	199076	189486	195754	194772	2.50	cps
Magnesium	24-2	1406619	1422086	1415013	1414573	0.55	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1506856	1520657	1488738	1505417	1.06	cps
Molybdenum	94-1	8628	8937	9145	8903	2.92	cps
Molybdenum	95-1	14734	14750	15468	14984	2.80	cps
Molybdenum	96-1	15635	16269	16394	16099	2.53	cps
Molybdenum	97-1	9329	9896	9821	9682	3.18	cps
Molybdenum	98-1	23287	23563	23647	23499	0.80	cps
Neodymium	150-1	107	67	107	93	24.74	cps
Neodymium	150-2	10	33	20	21	55.45	cps
Nickel	60-2	7035	6848	6442	6775	4.48	cps
Phosphorus	31-2	733	583	700	672	11.72	cps
Potassium	39-2	157717	159932	159209	158953	0.71	cps
Rhodium	103-1	2758969	2613140	2758593	2710234	3.10	cps
Rhodium	103-2	1011862	998005	996294	1002054	0.85	cps
Scandium	45-1	2044169	1943701	2018399	2002090	2.61	cps
Scandium	45-2	25213	24525	24936	24891	1.39	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	104	146	-38	71	136.15	cps
Silicon	28-1	46024752	45709294	46454858	46062968	0.81	cps
Silver	109-1	1559	1367	1283	1403	10.05	cps
Silver	107-1	1458	1567	1350	1458	7.43	cps
Sodium	23-2	58444480	57984424	57823291	58084065	0.55	cps
Strontium	86-1	956023	966769	965793	962862	0.62	cps
Strontium	88-1	8451215	8557627	8542333	8517059	0.68	cps
Sulfur	34-1	940411	932141	943299	938617	0.62	cps
Terbium	159-1	3444909	3246680	3396954	3362848	3.08	cps
Terbium	159-2	981958	970933	985149	979347	0.76	cps
Thallium	203-1	100	158	150	136	23.18	cps
Thallium	205-1	242	250	233	242	3.45	cps
Tin	118-1	6544	6735	5835	6371	7.44	cps
Titanium	47-1	1850	1759	1859	1822	3.05	cps
Uranium	238-1	10230	10472	10238	10313	1.33	cps
Vanadium	51-2	1347	1317	1343	1336	1.23	cps
Yttrium	89-1	3266670	3113755	3211532	3197319	2.42	cps
Yttrium	89-2	153606	152714	153192	153171	0.29	cps
Zinc	66-2	7946	7946	7529	7807	3.08	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:31:21	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	967	1025	1008	1000	3.00	cps
Zirconium	91-1	200	192	233	208	10.58	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:34:46 DataFile Name : 096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	193	155	193	20.05	cps
Antimony	121-1	4092	3926	3651	3890	5.74	cps
Arsenic	75-2	215	196	176	196	9.94	cps
Barium	135-1	202166	200345	202213	201574	0.53	cps
Barium	137-1	344917	340954	350039	345303	1.32	cps
Beryllium	9-1	70	40	43	51	32.17	cps
Bismuth	209-1	1873190	1817950	1816252	1835797	1.76	cps
Bismuth	209-2	724131	717022	702150	714435	1.57	cps
Boron	10-1	726980	742767	752323	740690	1.73	cps
Boron	11-1	3751630	3787309	3805312	3781417	0.72	cps
Cadmium	111-1	950	984	836	923	8.37	cps
Cadmium	106-1	767	867	692	775	11.33	cps
Cadmium	108-1	17	63	63	47	56.03	cps
Calcium	43-1	5278655	5339208	5331648	5316504	0.62	cps
Calcium	44-1	85860422	85333525	86301925	85831958	0.56	cps
Chromium	52-2	515081	511075	507529	511228	0.74	cps
Cobalt	59-2	19844	20439	19945	20076	1.58	cps
Copper	63-2	94331	96080	94079	94830	1.15	cps
Dysprosium	156-1	117	150	108	125	17.64	cps
Dysprosium	156-2	53	77	47	59	26.75	cps
Erbium	164-1	158	167	167	164	2.94	cps
Erbium	164-2	57	47	50	51	9.96	cps
Gadolinium	160-1	142	125	208	158	27.85	cps
Gadolinium	160-2	87	57	87	77	22.59	cps
Holmium	165-1	3305100	3216871	3305974	3275982	1.56	cps
Holmium	165-2	1033889	1027905	1001243	1021013	1.70	cps
Indium	115-1	2912622	2804475	2818341	2845146	2.07	cps
Indium	115-2	188178	188190	183290	186553	1.51	cps
Iron	56-2	5574302	5629172	5602539	5602005	0.49	cps
Iron	57-2	136305	138801	135632	136912	1.22	cps
Krypton	83-1	760	680	730	723	5.59	cps
Lead	206-1	9254	9120	10015	9463	5.10	cps
Lead	207-1	7736	7669	7847	7751	1.16	cps
Lead	208-1	36271	35821	37116	36403	1.81	cps
Lithium	6-1	202961	196996	196294	198750	1.84	cps
Magnesium	24-2	4873909	4895247	4916552	4895236	0.44	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:34:46 DataFile Name : 096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3834327	3791266	3778240	3801278	0.77	cps
Molybdenum	94-1	2492	2167	2250	2303	7.33	cps
Molybdenum	95-1	2534	2409	2759	2567	6.91	cps
Molybdenum	96-1	2617	2667	2667	2650	1.09	cps
Molybdenum	97-1	1609	1934	1909	1817	9.96	cps
Molybdenum	98-1	3667	3484	3659	3603	2.87	cps
Neodymium	150-1	140	193	213	182	20.80	cps
Neodymium	150-2	23	27	17	22	22.91	cps
Nickel	60-2	14177	13684	14097	13986	1.90	cps
Phosphorus	31-2	33	58	58	50	28.88	cps
Potassium	39-2	134657	136861	132637	134719	1.57	cps
Rhodium	103-1	2813274	2741415	2699079	2751256	2.10	cps
Rhodium	103-2	1037675	1044438	1009396	1030503	1.80	cps
Scandium	45-1	2138014	2016154	2040516	2064895	3.12	cps
Scandium	45-2	25998	25657	25533	25729	0.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	152	176	130	153	14.75	cps
Silicon	28-1	59562372	60459745	59591191	59871103	0.85	cps
Silver	109-1	1208	1142	1175	1175	2.84	cps
Silver	107-1	1342	992	1050	1128	16.63	cps
Sodium	23-2	40481073	40823356	40317415	40540615	0.64	cps
Strontium	86-1	3681827	3816350	3804285	3767487	1.98	cps
Strontium	88-1	32395054	32996309	33310985	32900783	1.41	cps
Sulfur	34-1	347413	349836	349172	348807	0.36	cps
Terbium	159-1	3561185	3464487	3487675	3504449	1.44	cps
Terbium	159-2	1014137	1021985	1003904	1013342	0.89	cps
Thallium	203-1	67	42	83	64	32.83	cps
Thallium	205-1	192	108	133	144	29.61	cps
Tin	118-1	3726	4092	3884	3901	4.72	cps
Titanium	47-1	1767	1734	1859	1786	3.62	cps
Uranium	238-1	9437	9904	9738	9693	2.44	cps
Vanadium	51-2	1177	1060	1253	1163	8.37	cps
Yttrium	89-1	3378096	3291528	3318557	3329394	1.33	cps
Yttrium	89-2	157008	157170	155592	156590	0.55	cps
Zinc	66-2	2974	2744	2657	2791	5.86	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:34:46	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2759	2742	2767	2756	0.46	cps
Zirconium	91-1	675	567	675	639	9.79	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:38:10	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2411	2373	2421	2402	1.04	cps
Antimony	121-1	5035	5326	4809	5057	5.12	cps
Arsenic	75-2	91	91	89	90	1.19	cps
Barium	135-1	9629	10605	10580	10271	5.42	cps
Barium	137-1	17078	18464	18539	18027	4.56	cps
Beryllium	9-1	63	70	87	73	16.39	cps
Bismuth	209-1	1909976	1913475	1971656	1931702	1.79	cps
Bismuth	209-2	730151	718243	723471	723955	0.82	cps
Boron	10-1	259090	265351	271700	265380	2.38	cps
Boron	11-1	1353685	1359440	1391758	1368294	1.50	cps
Cadmium	111-1	4733	4927	5179	4946	4.53	cps
Cadmium	106-1	1050	1092	1167	1103	5.36	cps
Cadmium	108-1	254	358	275	296	18.63	cps
Calcium	43-1	834093	850970	859129	848064	1.51	cps
Calcium	44-1	13796913	13907984	14198892	13967930	1.49	cps
Chromium	52-2	42977286	42734494	43228118	42979966	0.57	cps
Cobalt	59-2	14251	13797	14641	14230	2.97	cps
Copper	63-2	1158876	1160118	1158460	1159151	0.07	cps
Dysprosium	156-1	100	125	183	136	31.42	cps
Dysprosium	156-2	20	47	37	34	39.11	cps
Erbium	164-1	150	100	117	122	20.83	cps
Erbium	164-2	60	57	50	56	9.17	cps
Gadolinium	160-1	150	142	125	139	9.16	cps
Gadolinium	160-2	53	83	110	82	34.48	cps
Holmium	165-1	3351160	3281698	3342000	3324953	1.14	cps
Holmium	165-2	993702	986118	968535	982785	1.31	cps
Indium	115-1	2878947	2807029	2878569	2854849	1.45	cps
Indium	115-2	182293	178235	180141	180223	1.13	cps
Iron	56-2	388620	392176	389832	390209	0.46	cps
Iron	57-2	9453	9526	9403	9461	0.65	cps
Krypton	83-1	657	663	717	679	4.84	cps
Lead	206-1	878	772	878	843	7.23	cps
Lead	207-1	628	667	700	665	5.44	cps
Lead	208-1	3239	3184	3323	3248	2.15	cps
Lithium	6-1	182138	179293	180705	180712	0.79	cps
Magnesium	24-2	779710	781666	782498	781291	0.18	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:38:10	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	652936	648042	653135	651371	0.44	cps
Molybdenum	94-1	2817	2675	2850	2781	3.34	cps
Molybdenum	95-1	3151	3342	3267	3253	2.97	cps
Molybdenum	96-1	3317	3584	3459	3453	3.86	cps
Molybdenum	97-1	2234	2400	2500	2378	5.67	cps
Molybdenum	98-1	4934	5368	5076	5126	4.31	cps
Neodymium	150-1	120	167	147	144	16.21	cps
Neodymium	150-2	20	13	23	19	26.96	cps
Nickel	60-2	28122	27578	27130	27610	1.80	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	57518	58657	57034	57736	1.44	cps
Rhodium	103-1	2815010	2748854	2809811	2791225	1.32	cps
Rhodium	103-2	1010265	1007618	1000662	1006181	0.49	cps
Scandium	45-1	2006645	1939809	2006048	1984167	1.94	cps
Scandium	45-2	24512	24789	24321	24540	0.96	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	9	6	4	6	45.85	cps
Selenium	82-1	163	112	181	152	23.53	cps
Silicon	28-1	36197587	36408817	37446264	36684223	1.82	cps
Silver	109-1	3159	2792	3001	2984	6.17	cps
Silver	107-1	3092	3101	2959	3050	2.61	cps
Sodium	23-2	20841406	20953121	20959767	20918098	0.32	cps
Strontium	86-1	578296	591421	589394	586371	1.20	cps
Strontium	88-1	5213903	5355241	5373319	5314154	1.64	cps
Sulfur	34-1	1011822	1018468	1027899	1019396	0.79	cps
Terbium	159-1	3486723	3503436	3551866	3514009	0.96	cps
Terbium	159-2	989885	976424	976214	980841	0.80	cps
Thallium	203-1	42	42	25	36	26.65	cps
Thallium	205-1	58	67	125	83	43.59	cps
Tin	118-1	4718	4326	4384	4476	4.72	cps
Titanium	47-1	692	725	633	683	6.79	cps
Uranium	238-1	6827	6669	6969	6822	2.20	cps
Vanadium	51-2	290	233	180	234	23.46	cps
Yttrium	89-1	3298774	3228085	3320430	3282430	1.47	cps
Yttrium	89-2	150041	145975	147756	147924	1.38	cps
Zinc	66-2	13046	12386	11885	12439	4.68	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:38:10	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2042	2200	2275	2173	5.48	cps
Zirconium	91-1	492	550	508	517	5.81	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	100	110	108	7.05	cps
Antimony	121-1	1150	1008	1067	1075	6.62	cps
Arsenic	75-2	13	7	9	10	28.61	cps
Barium	135-1	108	92	117	106	12.06	cps
Barium	137-1	175	192	208	192	8.69	cps
Beryllium	9-1	20	37	33	30	29.40	cps
Bismuth	209-1	2023510	2021931	2028526	2024656	0.17	cps
Bismuth	209-2	841202	825890	830689	832593	0.94	cps
Boron	10-1	9312	9203	9003	9173	1.71	cps
Boron	11-1	48734	45925	42598	45752	6.71	cps
Cadmium	111-1	688	682	667	679	1.58	cps
Cadmium	106-1	900	792	758	817	9.07	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	11982	12049	12279	12103	1.29	cps
Calcium	44-1	228657	227035	228417	228036	0.38	cps
Chromium	52-2	736037	739407	745139	740194	0.62	cps
Cobalt	59-2	387	510	407	434	15.24	cps
Copper	63-2	32234	32204	31723	32054	0.89	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	3350854	3273326	3394094	3339424	1.83	cps
Holmium	165-2	1106315	1080682	1095726	1094241	1.18	cps
Indium	115-1	3097227	3041687	3088349	3075754	0.97	cps
Indium	115-2	217661	211459	216264	215128	1.51	cps
Iron	56-2	14892	14653	15008	14851	1.22	cps
Iron	57-2	294	461	428	394	22.36	cps
Krypton	83-1	647	680	683	670	3.03	cps
Lead	206-1	183	172	183	180	3.57	cps
Lead	207-1	217	178	156	183	16.87	cps
Lead	208-1	828	744	711	761	7.90	cps
Lithium	6-1	225511	227839	229988	227779	0.98	cps
Magnesium	24-2	5251	5068	5560	5293	4.70	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4531	4541	4658	4576	1.54	cps
Molybdenum	94-1	83	150	175	136	34.81	cps
Molybdenum	95-1	33	83	50	56	45.83	cps
Molybdenum	96-1	92	83	100	92	9.09	cps
Molybdenum	97-1	325	267	292	294	9.94	cps
Molybdenum	98-1	67	133	75	92	39.63	cps
Neodymium	150-1	33	13	47	31	53.94	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	827	973	903	901	8.14	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	6260	6552	6052	6288	4.00	cps
Rhodium	103-1	3049426	3108365	3121212	3093001	1.24	cps
Rhodium	103-2	1182250	1156310	1176919	1171826	1.17	cps
Scandium	45-1	2197484	2239916	2260377	2232592	1.44	cps
Scandium	45-2	29578	28813	29428	29273	1.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	9	5	78.12	cps
Selenium	82-1	-1	-66	-130	-66	-98.09	cps
Silicon	28-1	2105342	2162401	2168842	2145528	1.63	cps
Silver	109-1	267	283	375	308	18.92	cps
Silver	107-1	325	300	308	311	4.09	cps
Sodium	23-2	306388	308137	308295	307607	0.34	cps
Strontium	86-1	2167	1950	2067	2061	5.26	cps
Strontium	88-1	11130	10763	10938	10944	1.68	cps
Sulfur	34-1	340431	344712	341112	342085	0.67	cps
Terbium	159-1	3538894	3514419	3573390	3542234	0.84	cps
Terbium	159-2	1099812	1078679	1093687	1090726	1.00	cps
Thallium	203-1	17	42	42	33	43.30	cps
Thallium	205-1	50	25	25	33	43.30	cps
Tin	118-1	600	508	350	486	26.02	cps
Titanium	47-1	100	175	108	128	32.17	cps
Uranium	238-1	8	17	33	19	65.47	cps
Vanadium	51-2	33	17	17	22	43.28	cps
Yttrium	89-1	3498531	3483248	3515014	3498931	0.45	cps
Yttrium	89-2	175861	172461	176521	174947	1.25	cps
Zinc	66-2	417	363	397	392	6.87	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DLX50	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:41:34	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	383	258	300	24.06	cps
Zirconium	91-1	67	50	42	53	24.12	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 17:45:03	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	58	50	56	9.33	cps
Antimony	121-1	3917	2917	2634	3156	21.37	cps
Arsenic	75-2	100	106	117	107	7.90	cps
Barium	135-1	63930	64491	63796	64073	0.58	cps
Barium	137-1	110181	109728	109887	109932	0.21	cps
Beryllium	9-1	40	43	37	40	8.32	cps
Bismuth	209-1	1864592	1900510	1934986	1900030	1.85	cps
Bismuth	209-2	725111	720178	740552	728614	1.46	cps
Boron	10-1	6702	6318	6527	6516	2.95	cps
Boron	11-1	33348	32070	30650	32023	4.21	cps
Cadmium	111-1	1873	1943	2048	1955	4.52	cps
Cadmium	106-1	817	783	1017	872	14.47	cps
Cadmium	108-1	100	79	79	86	13.97	cps
Calcium	43-1	528959	516835	516023	520606	1.39	cps
Calcium	44-1	8696924	8464822	8451122	8537622	1.62	cps
Chromium	52-2	333961	329732	329398	331030	0.77	cps
Cobalt	59-2	1263	1357	1390	1337	4.91	cps
Copper	63-2	7105	7092	7089	7095	0.12	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	3165160	3276943	3304542	3248882	2.27	cps
Holmium	165-2	986531	970496	1009456	988827	1.98	cps
Indium	115-1	2873374	2994410	2987129	2951637	2.30	cps
Indium	115-2	187983	189400	193622	190335	1.54	cps
Iron	56-2	46149	46216	47219	46528	1.29	cps
Iron	57-2	1272	1206	1139	1206	5.53	cps
Krypton	83-1	617	643	593	618	4.05	cps
Lead	206-1	372	411	289	357	17.47	cps
Lead	207-1	244	272	294	270	9.27	cps
Lead	208-1	1461	1389	1222	1357	9.03	cps
Lithium	6-1	195855	197991	194287	196044	0.95	cps
Magnesium	24-2	200700	203074	203471	202415	0.74	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 17:45:03	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189985	187836	187213	188345	0.77	cps
Molybdenum	94-1	550	525	650	575	11.50	cps
Molybdenum	95-1	717	692	700	703	1.81	cps
Molybdenum	96-1	792	750	817	786	4.28	cps
Molybdenum	97-1	642	642	742	675	8.55	cps
Molybdenum	98-1	1108	1050	1017	1058	4.38	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1863	1780	1940	1861	4.30	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	18763	17837	18379	18326	2.54	cps
Rhodium	103-1	2848110	2905438	2965443	2906330	2.02	cps
Rhodium	103-2	1041627	1047211	1057752	1048863	0.78	cps
Scandium	45-1	2058501	2094233	2120285	2091006	1.48	cps
Scandium	45-2	25467	25336	25460	25421	0.29	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-1	-21	44	7	452.61	cps
Silicon	28-1	7202908	7010164	6998987	7070687	1.62	cps
Silver	109-1	625	542	425	531	18.93	cps
Silver	107-1	592	442	542	525	14.55	cps
Sodium	23-2	2789025	2756853	2775833	2773904	0.58	cps
Strontium	86-1	83322	84645	84067	84011	0.79	cps
Strontium	88-1	728822	730366	726128	728438	0.29	cps
Sulfur	34-1	366277	361325	356797	361466	1.31	cps
Terbium	159-1	3395700	3458065	3541683	3465149	2.11	cps
Terbium	159-2	977047	971815	996949	981937	1.35	cps
Thallium	203-1	42	17	0	19	107.85	cps
Thallium	205-1	25	42	58	42	40.00	cps
Tin	118-1	1075	1267	1433	1258	14.25	cps
Titanium	47-1	233	208	175	206	14.24	cps
Uranium	238-1	1217	1092	1325	1211	9.64	cps
Vanadium	51-2	160	140	133	144	9.61	cps
Yttrium	89-1	3300548	3382943	3403688	3362393	1.62	cps
Yttrium	89-2	155862	153334	156675	155290	1.12	cps
Zinc	66-2	1333	1357	1293	1328	2.41	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 17:45:03	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	217	275	272	19.92	cps
Zirconium	91-1	58	75	50	61	20.83	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:48:30	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	103	163	133	22.52	cps
Antimony	121-1	1058	1050	967	1025	4.95	cps
Arsenic	75-2	4	2	9	5	78.12	cps
Barium	135-1	175	83	192	150	38.89	cps
Barium	137-1	292	308	333	311	6.74	cps
Beryllium	9-1	23	43	23	30	38.49	cps
Bismuth	209-1	2060326	1960295	1979779	2000134	2.65	cps
Bismuth	209-2	815214	845725	789964	816968	3.42	cps
Boron	10-1	4343	4051	4509	4301	5.40	cps
Boron	11-1	22093	21133	21642	21623	2.22	cps
Cadmium	111-1	576	599	682	619	9.01	cps
Cadmium	106-1	717	742	808	756	6.27	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	11712	12182	11915	11936	1.98	cps
Calcium	44-1	226446	228267	222957	225890	1.19	cps
Chromium	52-2	732218	732781	738925	734641	0.51	cps
Cobalt	59-2	453	440	390	428	7.81	cps
Copper	63-2	31683	31459	31362	31501	0.52	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	3397985	3297252	3283414	3326217	1.88	cps
Holmium	165-2	1079737	1115751	1034349	1076612	3.79	cps
Indium	115-1	3179608	3027370	3062640	3089873	2.58	cps
Indium	115-2	213989	219314	205399	212900	3.30	cps
Iron	56-2	15070	15242	15698	15337	2.12	cps
Iron	57-2	450	456	361	422	12.55	cps
Krypton	83-1	670	630	740	680	8.19	cps
Lead	206-1	228	206	222	219	5.29	cps
Lead	207-1	128	156	178	154	16.30	cps
Lead	208-1	817	750	772	780	4.35	cps
Lithium	6-1	240549	235752	236599	237633	1.08	cps
Magnesium	24-2	5135	5218	5184	5179	0.81	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:48:30 DataFile Name : 100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4634	4661	4618	4638	0.47	cps
Molybdenum	94-1	292	225	258	258	12.90	cps
Molybdenum	95-1	183	125	108	139	28.35	cps
Molybdenum	96-1	258	225	167	217	21.41	cps
Molybdenum	97-1	358	250	208	272	28.44	cps
Molybdenum	98-1	217	275	142	211	31.66	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	837	850	900	862	3.87	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	6443	5835	6585	6288	6.34	cps
Rhodium	103-1	3233377	3091345	3122457	3149059	2.37	cps
Rhodium	103-2	1152948	1193479	1115104	1153844	3.40	cps
Scandium	45-1	2356962	2247326	2272541	2292276	2.50	cps
Scandium	45-2	28827	29394	28138	28786	2.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-51	-46	-130	-76	-62.00	cps
Silicon	28-1	2163182	2193522	2172209	2176304	0.72	cps
Silver	109-1	300	208	292	267	19.01	cps
Silver	107-1	250	258	267	258	3.23	cps
Sodium	23-2	296829	300222	300670	299240	0.70	cps
Strontium	86-1	2042	2034	2184	2086	4.04	cps
Strontium	88-1	10788	11539	10671	10999	4.28	cps
Sulfur	34-1	379844	381353	380754	380651	0.20	cps
Terbium	159-1	3593594	3477470	3531024	3534029	1.64	cps
Terbium	159-2	1077432	1111273	1016791	1068499	4.48	cps
Thallium	203-1	8	33	25	22	57.29	cps
Thallium	205-1	92	108	133	111	18.88	cps
Tin	118-1	383	325	417	375	12.37	cps
Titanium	47-1	183	192	92	156	35.67	cps
Uranium	238-1	83	50	92	75	29.40	cps
Vanadium	51-2	33	13	23	23	42.86	cps
Yttrium	89-1	3693720	3530506	3480036	3568087	3.13	cps
Yttrium	89-2	174047	179605	165819	173157	4.01	cps
Zinc	66-2	380	423	363	389	7.96	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:48:30	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	400	250	342	331	22.88	cps
Zirconium	91-1	100	75	67	81	21.54	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:51:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380	418	373	390	6.18	cps
Antimony	121-1	75	58	167	100	58.33	cps
Arsenic	75-2	9	13	9	10	20.36	cps
Barium	135-1	2950	3076	2975	3000	2.21	cps
Barium	137-1	5126	4876	4443	4815	7.18	cps
Beryllium	9-1	57	57	63	59	6.53	cps
Bismuth	209-1	1964662	1980394	2002682	1982579	0.96	cps
Bismuth	209-2	831030	810344	836408	825927	1.67	cps
Boron	10-1	7527	7619	7419	7522	1.33	cps
Boron	11-1	37968	39238	36664	37957	3.39	cps
Cadmium	111-1	8020	7747	7941	7902	1.78	cps
Cadmium	106-1	1408	1442	1534	1461	4.43	cps
Cadmium	108-1	467	521	496	494	5.48	cps
Calcium	43-1	26806	27290	27540	27212	1.37	cps
Calcium	44-1	466450	465522	465342	465771	0.13	cps
Chromium	52-2	772974	772963	772559	772832	0.03	cps
Cobalt	59-2	863	833	810	836	3.20	cps
Copper	63-2	42806	43020	43378	43068	0.67	cps
Dysprosium	156-1	825	892	825	847	4.54	cps
Dysprosium	156-2	397	273	357	342	18.39	cps
Erbium	164-1	892	767	842	833	7.55	cps
Erbium	164-2	247	270	293	270	8.64	cps
Gadolinium	160-1	967	950	892	936	4.21	cps
Gadolinium	160-2	357	440	397	398	10.48	cps
Holmium	165-1	3260581	3266603	3361773	3296319	1.72	cps
Holmium	165-2	1105444	1065221	1093676	1088114	1.90	cps
Indium	115-1	3061692	3056179	3122199	3080023	1.19	cps
Indium	115-2	218889	213900	219366	217385	1.39	cps
Iron	56-2	16193	16321	16410	16308	0.67	cps
Iron	57-2	333	389	467	396	16.90	cps
Krypton	83-1	627	633	567	609	6.03	cps
Lead	206-1	250	189	150	196	25.68	cps
Lead	207-1	128	144	161	144	11.54	cps
Lead	208-1	750	672	633	685	8.67	cps
Lithium	6-1	258995	261057	265926	261993	1.36	cps
Magnesium	24-2	12381	11497	12589	12156	4.77	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:51:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41599	41345	40679	41207	1.15	cps
Molybdenum	94-1	267	292	167	242	27.37	cps
Molybdenum	95-1	208	208	167	194	12.37	cps
Molybdenum	96-1	167	192	233	197	17.08	cps
Molybdenum	97-1	292	233	342	289	18.77	cps
Molybdenum	98-1	192	200	275	222	20.65	cps
Neodymium	150-1	840	860	913	871	4.35	cps
Neodymium	150-2	167	190	223	193	14.73	cps
Nickel	60-2	7652	8042	8016	7903	2.76	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	6844	6719	7202	6921	3.63	cps
Rhodium	103-1	3060149	3108878	3163203	3110743	1.66	cps
Rhodium	103-2	1178272	1146812	1167513	1164199	1.37	cps
Scandium	45-1	2312839	2355997	2348391	2339076	0.98	cps
Scandium	45-2	29575	29451	29304	29443	0.46	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	11	4	6	88.24	cps
Selenium	82-1	-76	-17	44	-16	-369.55	cps
Silicon	28-1	928257	942283	940094	936878	0.81	cps
Silver	109-1	275	175	317	256	28.49	cps
Silver	107-1	367	408	242	339	25.59	cps
Sodium	23-2	437424	433110	430837	433790	0.77	cps
Strontium	86-1	10338	10338	10863	10513	2.89	cps
Strontium	88-1	82576	83791	82247	82871	0.98	cps
Sulfur	34-1	438691	435221	435172	436361	0.46	cps
Terbium	159-1	3515760	3495080	3532678	3514506	0.54	cps
Terbium	159-2	1092550	1072776	1093354	1086227	1.07	cps
Thallium	203-1	42	50	42	44	10.82	cps
Thallium	205-1	117	108	75	100	22.05	cps
Tin	118-1	325	308	267	300	10.02	cps
Titanium	47-1	117	117	100	111	8.66	cps
Uranium	238-1	158	142	108	136	18.70	cps
Vanadium	51-2	17	37	30	28	36.66	cps
Yttrium	89-1	3557118	3567010	3665541	3596557	1.67	cps
Yttrium	89-2	179172	175018	179169	177786	1.35	cps
Zinc	66-2	1897	1733	1770	1800	4.76	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:51:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	308	267	242	272	12.37	cps
Zirconium	91-1	58	67	67	64	7.53	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-10DLX50 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:55:28 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1886	1926	1746	1852	5.10	cps
Antimony	121-1	51024	50430	50597	50684	0.60	cps
Arsenic	75-2	1246	1141	1185	1191	4.45	cps
Barium	135-1	53844	52120	52706	52890	1.66	cps
Barium	137-1	90408	90183	89552	90048	0.49	cps
Beryllium	9-1	6948	6825	6922	6898	0.94	cps
Bismuth	209-1	1941155	1961442	2050457	1984351	2.93	cps
Bismuth	209-2	830571	852317	852437	845108	1.49	cps
Boron	10-1	7919	8028	8520	8156	3.92	cps
Boron	11-1	40567	39489	40667	40241	1.62	cps
Cadmium	111-1	19482	19201	19485	19389	0.84	cps
Cadmium	106-1	2667	2550	2834	2684	5.31	cps
Cadmium	108-1	1367	1192	1225	1261	7.37	cps
Calcium	43-1	41230	40863	40365	40819	1.06	cps
Calcium	44-1	688465	689701	689110	689092	0.09	cps
Chromium	52-2	765175	767798	764935	765969	0.21	cps
Cobalt	59-2	18249	18643	18449	18447	1.07	cps
Copper	63-2	72927	70994	71821	71914	1.35	cps
Dysprosium	156-1	808	692	892	797	12.60	cps
Dysprosium	156-2	317	300	333	317	5.26	cps
Erbium	164-1	733	800	725	753	5.46	cps
Erbium	164-2	330	287	243	287	15.12	cps
Gadolinium	160-1	817	767	950	845	11.22	cps
Gadolinium	160-2	377	367	417	387	6.84	cps
Holmium	165-1	3212499	3271883	3411025	3298469	3.09	cps
Holmium	165-2	1105689	1138174	1122699	1122187	1.45	cps
Indium	115-1	3022763	3091055	3201239	3105019	2.90	cps
Indium	115-2	220101	226816	224395	223771	1.52	cps
Iron	56-2	328233	324975	324203	325804	0.66	cps
Iron	57-2	8620	8508	8014	8381	3.85	cps
Krypton	83-1	663	717	643	674	5.62	cps
Lead	206-1	23567	23973	23250	23597	1.54	cps
Lead	207-1	21391	20044	20556	20664	3.29	cps
Lead	208-1	94672	93715	93247	93878	0.77	cps
Lithium	6-1	274324	275735	285852	278637	2.26	cps
Magnesium	24-2	45373	45357	46034	45588	0.85	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:55:28	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45795	46103	45882	45927	0.35	cps
Molybdenum	94-1	96080	94838	93422	94780	1.40	cps
Molybdenum	95-1	115186	114757	114465	114802	0.32	cps
Molybdenum	96-1	127949	125980	124038	125989	1.55	cps
Molybdenum	97-1	71581	71741	70383	71235	1.04	cps
Molybdenum	98-1	183284	183291	181081	182552	0.70	cps
Neodymium	150-1	960	887	880	909	4.88	cps
Neodymium	150-2	147	170	153	157	7.67	cps
Nickel	60-2	13330	12826	13086	13081	1.93	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	17320	17211	17311	17281	0.35	cps
Rhodium	103-1	3038766	3105154	3264384	3136101	3.70	cps
Rhodium	103-2	1184066	1205094	1191261	1193473	0.90	cps
Scandium	45-1	2308298	2337653	2457993	2367981	3.35	cps
Scandium	45-2	30042	30834	30363	30413	1.31	cps
Selenium	77-2	20	7	3	10	88.20	cps
Selenium	78-2	43	39	31	38	15.02	cps
Selenium	82-1	838	687	805	777	10.21	cps
Silicon	28-1	984166	984995	981790	983650	0.17	cps
Silver	109-1	53858	53114	53466	53479	0.70	cps
Silver	107-1	56955	56946	55098	56333	1.90	cps
Sodium	23-2	509277	506431	507030	507579	0.30	cps
Strontium	86-1	24197	24498	24231	24309	0.68	cps
Strontium	88-1	208825	207399	209387	208537	0.49	cps
Sulfur	34-1	440255	441301	438591	440049	0.31	cps
Terbium	159-1	3401646	3531878	3582114	3505213	2.66	cps
Terbium	159-2	1102725	1131448	1118247	1117473	1.29	cps
Thallium	203-1	28174	29577	28023	28591	3.00	cps
Thallium	205-1	67883	67983	68443	68103	0.44	cps
Tin	118-1	33769	34262	33468	33833	1.18	cps
Titanium	47-1	35145	35680	35062	35296	0.95	cps
Uranium	238-1	81609	82960	82222	82264	0.82	cps
Vanadium	51-2	6572	6548	6495	6538	0.60	cps
Yttrium	89-1	3495201	3524123	3680716	3566680	2.80	cps
Yttrium	89-2	179929	182658	182233	181607	0.81	cps
Zinc	66-2	5024	5131	5121	5092	1.16	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:55:28	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	78728	79104	77412	78415	1.13	cps
Zirconium	91-1	17929	17562	17445	17645	1.43	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:58:57	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1878	1736	1766	1793	4.19	cps
Antimony	121-1	51066	50638	51141	50948	0.53	cps
Arsenic	75-2	1202	1239	1206	1216	1.68	cps
Barium	135-1	52773	52288	51970	52343	0.77	cps
Barium	137-1	90770	91582	91810	91388	0.60	cps
Beryllium	9-1	7145	7079	7259	7161	1.27	cps
Bismuth	209-1	1966860	1910805	2002027	1959898	2.35	cps
Bismuth	209-2	841774	856857	841956	846862	1.02	cps
Boron	10-1	8261	7886	8269	8139	2.69	cps
Boron	11-1	39305	40659	40166	40043	1.71	cps
Cadmium	111-1	18853	18853	19381	19029	1.60	cps
Cadmium	106-1	2492	2659	2684	2611	3.99	cps
Cadmium	108-1	1392	1308	1271	1324	4.67	cps
Calcium	43-1	40605	41424	41137	41055	1.01	cps
Calcium	44-1	697479	698132	702425	699345	0.38	cps
Chromium	52-2	774144	778384	778741	777090	0.33	cps
Cobalt	59-2	18613	18696	19050	18786	1.24	cps
Copper	63-2	73372	72703	72173	72749	0.83	cps
Dysprosium	156-1	817	708	908	811	12.34	cps
Dysprosium	156-2	300	303	310	304	1.67	cps
Erbium	164-1	867	808	933	870	7.19	cps
Erbium	164-2	320	320	283	308	6.88	cps
Gadolinium	160-1	833	925	783	847	8.48	cps
Gadolinium	160-2	393	437	383	404	7.01	cps
Holmium	165-1	3251727	3292235	3315811	3286591	0.99	cps
Holmium	165-2	1104099	1123034	1119875	1115669	0.91	cps
Indium	115-1	3106559	3097183	3097119	3100287	0.18	cps
Indium	115-2	222153	227412	224292	224619	1.18	cps
Iron	56-2	329961	329322	325435	328240	0.75	cps
Iron	57-2	8308	8453	8192	8318	1.57	cps
Krypton	83-1	657	677	667	667	1.50	cps
Lead	206-1	23795	23277	23801	23624	1.27	cps
Lead	207-1	20083	19794	21174	20350	3.58	cps
Lead	208-1	94016	92651	95593	94087	1.56	cps
Lithium	6-1	287804	288187	293403	289798	1.08	cps
Magnesium	24-2	47187	45691	47639	46839	2.18	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:58:57	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46761	47430	46822	47004	0.79	cps
Molybdenum	94-1	96324	94276	95342	95314	1.07	cps
Molybdenum	95-1	117252	114968	113700	115307	1.56	cps
Molybdenum	96-1	125164	126300	125955	125806	0.46	cps
Molybdenum	97-1	71195	70785	71891	71291	0.78	cps
Molybdenum	98-1	181654	182783	183579	182672	0.53	cps
Neodymium	150-1	740	840	753	778	6.98	cps
Neodymium	150-2	187	197	177	187	5.36	cps
Nickel	60-2	13303	12879	12883	13022	1.87	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	17253	17170	17036	17153	0.64	cps
Rhodium	103-1	3141213	3124517	3161613	3142448	0.59	cps
Rhodium	103-2	1186136	1202979	1181684	1190266	0.94	cps
Scandium	45-1	2357252	2365924	2446692	2389956	2.06	cps
Scandium	45-2	29785	30523	30133	30147	1.23	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	50	37	24	37	35.01	cps
Selenium	82-1	810	822	770	801	3.38	cps
Silicon	28-1	1001079	1001439	1001871	1001463	0.04	cps
Silver	109-1	53942	53399	54001	53781	0.62	cps
Silver	107-1	57256	56837	55465	56519	1.66	cps
Sodium	23-2	511185	512365	508089	510546	0.43	cps
Strontium	86-1	24773	24540	24222	24512	1.13	cps
Strontium	88-1	209079	206899	209030	208336	0.60	cps
Sulfur	34-1	441185	436418	433793	437132	0.86	cps
Terbium	159-1	3498172	3480788	3541175	3506712	0.89	cps
Terbium	159-2	1112190	1130458	1114424	1119024	0.89	cps
Thallium	203-1	29276	29351	29869	29499	1.10	cps
Thallium	205-1	68427	69265	68184	68625	0.83	cps
Tin	118-1	34212	33351	34604	34055	1.88	cps
Titanium	47-1	35747	35028	35855	35543	1.26	cps
Uranium	238-1	82080	81963	84379	82807	1.65	cps
Vanadium	51-2	6462	6535	6778	6592	2.52	cps
Yttrium	89-1	3618937	3594326	3623992	3612418	0.44	cps
Yttrium	89-2	180346	183936	180667	181650	1.09	cps
Zinc	66-2	5211	5134	4908	5084	3.10	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:58:57	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	79700	78250	79624	79191	1.03	cps
Zirconium	91-1	17696	18396	18004	18032	1.95	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400444	406994	408055	405164	1.02	cps
Antimony	121-1	2543334	2510550	2507233	2520372	0.79	cps
Arsenic	75-2	59870	59194	59098	59387	0.71	cps
Barium	135-1	2444751	2454980	2425461	2441731	0.61	cps
Barium	137-1	4138144	4151359	4055400	4114968	1.26	cps
Beryllium	9-1	408040	410840	406156	408345	0.58	cps
Bismuth	209-1	1946843	1876867	1931544	1918418	1.92	cps
Bismuth	209-2	852341	829810	857507	846552	1.74	cps
Boron	10-1	59106	60805	59165	59692	1.62	cps
Boron	11-1	287996	299581	303102	296893	2.66	cps
Cadmium	111-1	537528	535337	529465	534110	0.78	cps
Cadmium	106-1	56503	56025	56938	56489	0.81	cps
Cadmium	108-1	39600	38367	38898	38955	1.59	cps
Calcium	43-1	3542183	3511215	3538934	3530778	0.48	cps
Calcium	44-1	56720971	56696637	57475171	56964260	0.78	cps
Chromium	52-2	444796	445918	445903	445539	0.14	cps
Cobalt	59-2	836697	843864	852244	844268	0.92	cps
Copper	63-2	1348735	1357571	1358362	1354889	0.39	cps
Dysprosium	156-1	42	75	42	53	36.46	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	3358735	3284584	3349542	3330953	1.21	cps
Holmium	165-2	1195800	1169549	1196557	1187302	1.30	cps
Indium	115-1	3161874	3058941	3128552	3116456	1.69	cps
Indium	115-2	235272	228450	236210	233310	1.82	cps
Iron	56-2	75392068	76334310	75887746	75871375	0.62	cps
Iron	57-2	1907285	1932967	1951475	1930576	1.15	cps
Krypton	83-1	633	670	683	662	3.91	cps
Lead	206-1	1040189	1055211	1035918	1043773	0.97	cps
Lead	207-1	949644	947653	945908	947735	0.20	cps
Lead	208-1	4424010	4429863	4430125	4427999	0.08	cps
Lithium	6-1	394061	384560	383544	387388	1.50	cps
Magnesium	24-2	8439168	8425333	8535823	8466774	0.71	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	266000	267169	268907	267359	0.55	cps
Molybdenum	94-1	4512850	4555988	4497627	4522155	0.67	cps
Molybdenum	95-1	5574655	5683030	5557316	5605000	1.22	cps
Molybdenum	96-1	6125162	6228244	6125632	6159679	0.96	cps
Molybdenum	97-1	3405858	3464280	3439377	3436505	0.85	cps
Molybdenum	98-1	8815699	8832940	8764158	8804266	0.41	cps
Neodymium	150-1	120	107	127	118	8.65	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	247050	245558	245286	245964	0.39	cps
Phosphorus	31-2	6602	7102	6785	6830	3.71	cps
Potassium	39-2	2628311	2683487	2683096	2664965	1.19	cps
Rhodium	103-1	3085821	3006912	3137730	3076821	2.14	cps
Rhodium	103-2	1180384	1162433	1194603	1179140	1.37	cps
Scandium	45-1	2605580	2523063	2631453	2586699	2.19	cps
Scandium	45-2	33400	32972	34145	33506	1.77	cps
Selenium	77-2	467	517	510	498	5.45	cps
Selenium	78-2	1676	1470	1552	1566	6.61	cps
Selenium	82-1	40508	40289	40652	40483	0.45	cps
Silicon	28-1	1874558	1881519	1878466	1878181	0.19	cps
Silver	109-1	2533888	2525433	2512313	2523878	0.43	cps
Silver	107-1	2668603	2650202	2673896	2664234	0.47	cps
Sodium	23-2	19589497	19619568	19759646	19656237	0.46	cps
Strontium	86-1	685059	688900	684984	686314	0.33	cps
Strontium	88-1	6102828	6180276	6063685	6115597	0.97	cps
Sulfur	34-1	643266	642019	638428	641238	0.39	cps
Terbium	159-1	3620015	3488961	3585865	3564947	1.91	cps
Terbium	159-2	1201940	1164849	1195362	1187383	1.67	cps
Thallium	203-1	1311879	1305684	1285107	1300890	1.08	cps
Thallium	205-1	3268198	3274899	3214992	3252696	1.01	cps
Tin	118-1	1673590	1659528	1648912	1660676	0.75	cps
Titanium	47-1	1815462	1840667	1816841	1824324	0.78	cps
Uranium	238-1	4122570	4055485	4044031	4074029	1.04	cps
Vanadium	51-2	321851	325039	326430	324440	0.72	cps
Yttrium	89-1	3718191	3656839	3710044	3695025	0.90	cps
Yttrium	89-2	196100	191598	199220	195639	1.96	cps
Zinc	66-2	156370	154223	155366	155320	0.69	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:15:35	DataFile Name :	105CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3794874	3798864	3779766	3791168	0.27	cps
Zirconium	91-1	816085	826302	823383	821923	0.64	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	65	55	53	26.51	cps
Antimony	121-1	1008	1067	1150	1075	6.62	cps
Arsenic	75-2	7	6	19	10	66.78	cps
Barium	135-1	83	50	25	53	55.46	cps
Barium	137-1	83	75	100	86	14.78	cps
Beryllium	9-1	67	70	57	64	10.76	cps
Bismuth	209-1	1933458	1998383	1781747	1904529	5.84	cps
Bismuth	209-2	884513	866181	938587	896427	4.20	cps
Boron	10-1	1884	1984	1967	1945	2.76	cps
Boron	11-1	9112	8686	8720	8839	2.68	cps
Cadmium	111-1	483	734	608	608	20.62	cps
Cadmium	106-1	683	1033	867	861	20.33	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	383	310	367	353	10.88	cps
Calcium	44-1	36912	35829	36350	36364	1.49	cps
Chromium	52-2	2300	2284	2294	2292	0.37	cps
Cobalt	59-2	57	80	97	78	25.83	cps
Copper	63-2	1107	1023	1027	1052	4.48	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	3258286	3363128	3051474	3224296	4.92	cps
Holmium	165-2	1193333	1158275	1265952	1205853	4.55	cps
Indium	115-1	3180275	3285242	3002185	3155901	4.53	cps
Indium	115-2	244813	235446	258488	246249	4.71	cps
Iron	56-2	4440	4156	3801	4132	7.75	cps
Iron	57-2	133	122	117	124	6.84	cps
Krypton	83-1	587	653	690	643	8.14	cps
Lead	206-1	506	594	633	578	11.34	cps
Lead	207-1	544	594	544	561	5.14	cps
Lead	208-1	2534	2522	2200	2419	7.83	cps
Lithium	6-1	377571	385831	354516	372639	4.36	cps
Magnesium	24-2	458	325	475	419	19.60	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	130	90	104	21.25	cps
Molybdenum	94-1	358	317	417	364	13.80	cps
Molybdenum	95-1	367	442	367	392	11.05	cps
Molybdenum	96-1	425	300	433	386	19.34	cps
Molybdenum	97-1	283	300	392	325	17.95	cps
Molybdenum	98-1	475	650	542	556	15.90	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	73	87	88	17.13	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	6368	6510	6552	6477	1.48	cps
Rhodium	103-1	3199713	3371822	3006180	3192571	5.73	cps
Rhodium	103-2	1246281	1206170	1324132	1258861	4.76	cps
Scandium	45-1	2527297	2643130	2403107	2524511	4.75	cps
Scandium	45-2	32965	32454	35388	33603	4.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	17	3	-75	-18	-272.99	cps
Silicon	28-1	285071	281715	284201	283662	0.61	cps
Silver	109-1	533	667	692	631	13.50	cps
Silver	107-1	708	633	592	644	9.17	cps
Sodium	23-2	23704	22753	22585	23014	2.62	cps
Strontium	86-1	858	942	975	925	6.50	cps
Strontium	88-1	183	175	183	181	2.67	cps
Sulfur	34-1	406672	400337	401884	402964	0.82	cps
Terbium	159-1	3463870	3632868	3248442	3448393	5.59	cps
Terbium	159-2	1177050	1142096	1268061	1195736	5.44	cps
Thallium	203-1	167	150	83	133	33.07	cps
Thallium	205-1	258	242	250	250	3.33	cps
Tin	118-1	467	483	550	500	8.82	cps
Titanium	47-1	125	58	117	100	36.32	cps
Uranium	238-1	117	58	75	83	36.05	cps
Vanadium	51-2	13	20	10	14	35.26	cps
Yttrium	89-1	3678129	3792488	3404857	3625158	5.49	cps
Yttrium	89-2	194222	189430	209525	197726	5.31	cps
Zinc	66-2	150	143	133	142	5.90	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:19:44	DataFile Name :	106CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	308	308	319	6.03	cps
Zirconium	91-1	92	117	75	94	22.21	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:23:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2068	2043	2186	2099	3.63	cps
Antimony	121-1	52272	51417	50781	51490	1.45	cps
Arsenic	75-2	1328	1217	1215	1253	5.16	cps
Barium	135-1	54569	52856	52129	53185	2.36	cps
Barium	137-1	90837	90627	90064	90509	0.44	cps
Beryllium	9-1	8733	8416	8403	8517	2.20	cps
Bismuth	209-1	1953992	1903467	1984234	1947231	2.10	cps
Bismuth	209-2	854947	878573	897790	877103	2.45	cps
Boron	10-1	8578	7377	7394	7783	8.85	cps
Boron	11-1	41611	39255	39723	40196	3.10	cps
Cadmium	111-1	19597	19087	19279	19321	1.33	cps
Cadmium	106-1	2625	2584	2434	2548	3.96	cps
Cadmium	108-1	1479	1263	1363	1368	7.93	cps
Calcium	43-1	45483	44096	43594	44391	2.20	cps
Calcium	44-1	769767	729276	727754	742266	3.21	cps
Chromium	52-2	818926	810480	817976	815794	0.57	cps
Cobalt	59-2	19514	19614	19554	19561	0.26	cps
Copper	63-2	75497	75487	75558	75514	0.05	cps
Dysprosium	156-1	642	783	792	739	11.41	cps
Dysprosium	156-2	310	320	353	328	6.92	cps
Erbium	164-1	783	642	675	700	10.58	cps
Erbium	164-2	227	267	247	247	8.11	cps
Gadolinium	160-1	933	883	892	903	2.97	cps
Gadolinium	160-2	383	403	433	407	6.19	cps
Holmium	165-1	3326753	3180637	3342197	3283196	2.72	cps
Holmium	165-2	1145585	1172836	1210356	1176259	2.76	cps
Indium	115-1	3251060	3044347	3224783	3173397	3.55	cps
Indium	115-2	236551	239190	246742	240828	2.20	cps
Iron	56-2	346362	349027	347700	347697	0.38	cps
Iron	57-2	8531	8475	8369	8458	0.97	cps
Krypton	83-1	583	647	597	609	5.48	cps
Lead	206-1	24369	23166	23895	23810	2.54	cps
Lead	207-1	21335	20957	21624	21305	1.57	cps
Lead	208-1	96479	93759	95195	95144	1.43	cps
Lithium	6-1	371994	353389	369030	364804	2.74	cps
Magnesium	24-2	50666	49638	50123	50142	1.03	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:23:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50317	49759	50176	50084	0.58	cps
Molybdenum	94-1	94610	94016	95409	94678	0.74	cps
Molybdenum	95-1	114908	113430	114817	114385	0.72	cps
Molybdenum	96-1	124428	126409	126342	125726	0.90	cps
Molybdenum	97-1	70269	71247	71858	71125	1.13	cps
Molybdenum	98-1	180929	184380	179306	181538	1.43	cps
Neodymium	150-1	900	780	893	858	7.86	cps
Neodymium	150-2	183	210	200	198	6.81	cps
Nickel	60-2	13587	13223	13637	13482	1.67	cps
Phosphorus	31-2	25	8	25	19	49.50	cps
Potassium	39-2	19164	19372	19105	19214	0.73	cps
Rhodium	103-1	3133054	3139456	3249969	3174160	2.07	cps
Rhodium	103-2	1202081	1226461	1254615	1227719	2.14	cps
Scandium	45-1	2711367	2434562	2588884	2578271	5.38	cps
Scandium	45-2	32164	32535	32839	32512	1.04	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	41	54	37	44	19.96	cps
Selenium	82-1	856	818	913	862	5.58	cps
Silicon	28-1	1084833	1039084	1034175	1052697	2.65	cps
Silver	109-1	58593	52939	54327	55286	5.33	cps
Silver	107-1	55902	56854	58703	57153	2.49	cps
Sodium	23-2	542490	543278	542586	542785	0.08	cps
Strontium	86-1	25291	25149	25809	25416	1.37	cps
Strontium	88-1	210835	211270	212935	211680	0.52	cps
Sulfur	34-1	479821	460315	453907	464681	2.90	cps
Terbium	159-1	3551639	3386468	3600772	3512960	3.20	cps
Terbium	159-2	1157137	1173312	1203894	1178114	2.02	cps
Thallium	203-1	28709	28149	28466	28442	0.99	cps
Thallium	205-1	68966	66391	67782	67713	1.90	cps
Tin	118-1	35132	34187	33794	34371	2.00	cps
Titanium	47-1	40030	38262	37794	38695	3.05	cps
Uranium	238-1	81219	78020	80973	80071	2.22	cps
Vanadium	51-2	7149	6995	6932	7025	1.59	cps
Yttrium	89-1	3630295	3579003	3743367	3650888	2.30	cps
Yttrium	89-2	189814	194866	198070	194250	2.14	cps
Zinc	66-2	5328	5521	5598	5482	2.54	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:23:45	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	78363	79977	81318	79886	1.85	cps
Zirconium	91-1	17028	18096	16728	17284	4.16	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	58	88	73	20.68	cps
Antimony	121-1	392	433	492	439	11.44	cps
Arsenic	75-2	50	33	35	40	23.12	cps
Barium	135-1	8720	8211	8245	8392	3.39	cps
Barium	137-1	14525	14525	14517	14522	0.03	cps
Beryllium	9-1	47	17	43	36	46.24	cps
Bismuth	209-1	1964989	1949624	1907729	1940781	1.53	cps
Bismuth	209-2	815284	885717	843301	848101	4.18	cps
Boron	10-1	41745	41335	41804	41628	0.61	cps
Boron	11-1	208953	214635	211598	211729	1.34	cps
Cadmium	111-1	546	615	492	551	11.14	cps
Cadmium	106-1	733	867	650	750	14.57	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	91328	89858	89146	90111	1.23	cps
Calcium	44-1	1553582	1542182	1523858	1539874	0.97	cps
Chromium	52-2	9740	9784	9573	9699	1.14	cps
Cobalt	59-2	663	657	727	682	5.66	cps
Copper	63-2	6402	6252	5918	6190	4.00	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	50	58	33	47	26.95	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	3305373	3358844	3221735	3295317	2.10	cps
Holmium	165-2	1098596	1197386	1143561	1146514	4.31	cps
Indium	115-1	3096746	3149888	3063115	3103250	1.41	cps
Indium	115-2	221095	242208	232674	231992	4.56	cps
Iron	56-2	604969	593389	598161	598839	0.97	cps
Iron	57-2	14653	15287	14931	14957	2.13	cps
Krypton	83-1	580	567	580	576	1.34	cps
Lead	206-1	461	428	500	463	7.81	cps
Lead	207-1	394	350	444	396	11.92	cps
Lead	208-1	1833	1661	1878	1791	6.39	cps
Lithium	6-1	339134	337971	315982	331029	3.94	cps
Magnesium	24-2	176171	172255	172662	173696	1.24	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	186453	182958	183880	184430	0.98	cps
Molybdenum	94-1	1333	975	1075	1128	16.40	cps
Molybdenum	95-1	1383	1717	1525	1542	10.85	cps
Molybdenum	96-1	1850	1675	1617	1714	7.09	cps
Molybdenum	97-1	1025	1208	1192	1142	8.88	cps
Molybdenum	98-1	2700	2642	2592	2645	2.05	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	877	840	903	873	3.64	cps
Phosphorus	31-2	83	83	117	94	20.37	cps
Potassium	39-2	26568	27068	26292	26643	1.48	cps
Rhodium	103-1	3093583	3241704	3026851	3120713	3.52	cps
Rhodium	103-2	1156038	1256888	1203140	1205355	4.19	cps
Scandium	45-1	2501151	2550028	2435945	2495708	2.29	cps
Scandium	45-2	31115	33043	31850	32002	3.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	87	84	64	78	15.48	cps
Silicon	28-1	6662749	6607148	6458302	6576066	1.61	cps
Silver	109-1	2975	2775	2317	2689	12.55	cps
Silver	107-1	3017	2809	2342	2723	12.70	cps
Sodium	23-2	7244973	7302808	7192894	7246891	0.76	cps
Strontium	86-1	108001	107504	106180	107228	0.88	cps
Strontium	88-1	925120	919702	919386	921403	0.35	cps
Sulfur	34-1	458657	450368	443756	450927	1.66	cps
Terbium	159-1	3506366	3566450	3466649	3513155	1.43	cps
Terbium	159-2	1108462	1201938	1156489	1155630	4.04	cps
Thallium	203-1	42	33	8	28	62.46	cps
Thallium	205-1	67	92	58	72	24.02	cps
Tin	118-1	433	458	433	442	3.27	cps
Titanium	47-1	308	258	192	253	23.15	cps
Uranium	238-1	1275	1050	975	1100	14.19	cps
Vanadium	51-2	207	153	160	173	16.76	cps
Yttrium	89-1	3639999	3699746	3571292	3637012	1.77	cps
Yttrium	89-2	183001	197830	189012	189948	3.93	cps
Zinc	66-2	1103	1070	1037	1070	3.12	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-15DLX10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 18:27:13	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	425	342	367	13.82	cps
Zirconium	91-1	142	75	67	94	43.53	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 18:30:41 DataFile Name : 109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	43	61	33.22	cps
Antimony	121-1	117	217	183	172	29.57	cps
Arsenic	75-2	15	15	15	15	0.00	cps
Barium	135-1	8912	8753	8378	8681	3.16	cps
Barium	137-1	14559	15059	14308	14642	2.61	cps
Beryllium	9-1	20	43	50	38	41.70	cps
Bismuth	209-1	1894514	1961282	1931488	1929095	1.73	cps
Bismuth	209-2	861619	831334	852555	848502	1.83	cps
Boron	10-1	43676	44629	44387	44230	1.12	cps
Boron	11-1	219110	227342	226182	224211	1.99	cps
Cadmium	111-1	598	625	536	586	7.74	cps
Cadmium	106-1	833	875	725	811	9.55	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	262389	261714	256561	260221	1.23	cps
Calcium	44-1	4376975	4349829	4266152	4330985	1.33	cps
Chromium	52-2	27380	28005	27043	27476	1.78	cps
Cobalt	59-2	1007	1067	1047	1040	2.94	cps
Copper	63-2	6188	6262	6378	6276	1.53	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	3247399	3353237	3273905	3291514	1.67	cps
Holmium	165-2	1167034	1124196	1149249	1146826	1.88	cps
Indium	115-1	3084538	3192008	3092214	3122920	1.92	cps
Indium	115-2	238011	226517	231885	232138	2.48	cps
Iron	56-2	277919	279453	278429	278600	0.28	cps
Iron	57-2	6591	6913	6780	6761	2.40	cps
Krypton	83-1	680	537	627	614	11.79	cps
Lead	206-1	528	528	500	519	3.09	cps
Lead	207-1	506	444	483	478	6.47	cps
Lead	208-1	2111	2095	2028	2078	2.12	cps
Lithium	6-1	328605	336873	330075	331851	1.33	cps
Magnesium	24-2	254073	249333	245560	249655	1.71	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-17DLX25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-EF-0107201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 18:30:41 DataFile Name : 109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192206	194636	191233	192692	0.91	cps
Molybdenum	94-1	275	267	292	278	4.58	cps
Molybdenum	95-1	133	117	200	150	29.40	cps
Molybdenum	96-1	267	175	217	219	20.91	cps
Molybdenum	97-1	242	125	250	206	34.00	cps
Molybdenum	98-1	250	142	167	186	30.48	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	827	717	777	773	7.12	cps
Phosphorus	31-2	42	0	8	17	132.30	cps
Potassium	39-2	12273	12706	12556	12512	1.76	cps
Rhodium	103-1	3110102	3206670	3079555	3132109	2.12	cps
Rhodium	103-2	1219134	1189741	1195084	1201320	1.30	cps
Scandium	45-1	2445659	2510899	2440913	2465824	1.59	cps
Scandium	45-2	31616	31566	31646	31609	0.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-117	58	-8	-22	-397.64	cps
Silicon	28-1	3694856	3753914	3681311	3710027	1.04	cps
Silver	109-1	567	533	467	522	9.75	cps
Silver	107-1	675	625	575	625	8.00	cps
Sodium	23-2	2111570	2085194	2080242	2092335	0.80	cps
Strontium	86-1	166354	165543	165028	165642	0.40	cps
Strontium	88-1	1482726	1507094	1492655	1494158	0.82	cps
Sulfur	34-1	383406	387247	391754	387469	1.08	cps
Terbium	159-1	3460173	3636911	3498063	3531716	2.63	cps
Terbium	159-2	1178888	1122884	1157964	1153245	2.45	cps
Thallium	203-1	42	42	42	42	0.00	cps
Thallium	205-1	83	33	67	61	41.67	cps
Tin	118-1	225	358	175	253	37.49	cps
Titanium	47-1	208	158	192	186	13.68	cps
Uranium	238-1	400	375	350	375	6.66	cps
Vanadium	51-2	83	57	100	80	27.32	cps
Yttrium	89-1	3582750	3760623	3634349	3659241	2.50	cps
Yttrium	89-2	193400	183313	188401	188371	2.68	cps
Zinc	66-2	253	277	207	246	14.51	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-17DLX25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-EF-0107201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 18:30:41	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	358	275	336	15.94	cps
Zirconium	91-1	42	50	67	53	24.12	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:34:08	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	138	108	120	13.01	cps
Antimony	121-1	200	183	225	203	10.34	cps
Arsenic	75-2	6	7	13	9	44.56	cps
Barium	135-1	217	258	217	231	10.43	cps
Barium	137-1	433	450	383	422	8.22	cps
Beryllium	9-1	60	27	47	44	37.74	cps
Bismuth	209-1	1953431	1981479	1996393	1977101	1.10	cps
Bismuth	209-2	859119	857843	865986	860982	0.51	cps
Boron	10-1	10629	10446	10629	10568	1.00	cps
Boron	11-1	54278	56654	55123	55352	2.18	cps
Cadmium	111-1	695	677	617	663	6.15	cps
Cadmium	106-1	825	817	692	778	9.60	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	23266	22779	23246	23097	1.19	cps
Calcium	44-1	401120	401791	404781	402564	0.48	cps
Chromium	52-2	1115897	1112440	1116028	1114789	0.18	cps
Cobalt	59-2	477	437	487	467	5.67	cps
Copper	63-2	31028	31299	31456	31261	0.69	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	3240928	3311286	3345859	3299358	1.62	cps
Holmium	165-2	1145381	1142475	1142820	1143559	0.14	cps
Indium	115-1	3099388	3147678	3237175	3161414	2.21	cps
Indium	115-2	233029	228849	231069	230982	0.91	cps
Iron	56-2	13991	14213	13941	14048	1.03	cps
Iron	57-2	411	467	333	404	16.59	cps
Krypton	83-1	713	640	610	654	8.12	cps
Lead	206-1	211	172	178	187	11.24	cps
Lead	207-1	178	150	217	181	18.45	cps
Lead	208-1	817	722	756	765	6.26	cps
Lithium	6-1	339439	345486	348529	344484	1.34	cps
Magnesium	24-2	22135	22285	23103	22507	2.32	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:34:08	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18245	18876	18212	18445	2.03	cps
Molybdenum	94-1	217	275	150	214	29.24	cps
Molybdenum	95-1	117	108	183	136	30.20	cps
Molybdenum	96-1	233	192	192	206	11.70	cps
Molybdenum	97-1	233	333	250	272	19.68	cps
Molybdenum	98-1	167	175	183	175	4.76	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	833	823	757	804	5.18	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	7294	7953	7636	7627	4.32	cps
Rhodium	103-1	3053998	3195570	3233105	3160891	2.99	cps
Rhodium	103-2	1200469	1196960	1204952	1200794	0.33	cps
Scandium	45-1	2449927	2453922	2545939	2483263	2.19	cps
Scandium	45-2	31516	30948	31512	31325	1.04	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-112	7	67	-13	-705.48	cps
Silicon	28-1	1494127	1514591	1501581	1503433	0.69	cps
Silver	109-1	283	258	317	286	10.23	cps
Silver	107-1	283	392	333	336	16.13	cps
Sodium	23-2	582802	583560	583016	583126	0.07	cps
Strontium	86-1	14683	15026	14792	14834	1.18	cps
Strontium	88-1	121783	121051	119563	120799	0.94	cps
Sulfur	34-1	428774	426465	424180	426473	0.54	cps
Terbium	159-1	3470767	3548926	3605940	3541878	1.92	cps
Terbium	159-2	1151433	1145681	1140065	1145726	0.50	cps
Thallium	203-1	33	50	67	50	33.33	cps
Thallium	205-1	75	17	67	53	59.77	cps
Tin	118-1	317	267	317	300	9.62	cps
Titanium	47-1	167	142	83	131	32.75	cps
Uranium	238-1	175	133	108	139	24.25	cps
Vanadium	51-2	23	17	33	24	34.31	cps
Yttrium	89-1	3604694	3599609	3734644	3646316	2.10	cps
Yttrium	89-2	185423	184181	185576	185060	0.41	cps
Zinc	66-2	427	420	447	431	3.22	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DLX50	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 18:34:08	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	275	258	242	18.25	cps
Zirconium	91-1	83	83	25	64	52.72	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404887	407406	412931	408408	1.01	cps
Antimony	121-1	2437830	2437938	2406137	2427301	0.76	cps
Arsenic	75-2	59070	58308	59349	58909	0.92	cps
Barium	135-1	2365106	2367666	2337783	2356851	0.70	cps
Barium	137-1	3996921	4021526	3957191	3991879	0.81	cps
Beryllium	9-1	402971	399585	399610	400722	0.49	cps
Bismuth	209-1	1799089	1745195	1791528	1778604	1.64	cps
Bismuth	209-2	854325	864327	768806	829152	6.33	cps
Boron	10-1	55759	56781	59315	57285	3.20	cps
Boron	11-1	283269	285621	288587	285826	0.93	cps
Cadmium	111-1	525956	521915	522201	523357	0.43	cps
Cadmium	106-1	55925	57247	55515	56229	1.61	cps
Cadmium	108-1	38284	37933	37423	37880	1.14	cps
Calcium	43-1	3478542	3530483	3490343	3499790	0.78	cps
Calcium	44-1	56170519	56645524	55621873	56145972	0.91	cps
Chromium	52-2	441146	442649	446256	443350	0.59	cps
Cobalt	59-2	832132	829329	839642	833701	0.64	cps
Copper	63-2	1334470	1330574	1361626	1342223	1.26	cps
Dysprosium	156-1	17	75	67	53	59.77	cps
Dysprosium	156-2	13	10	27	17	52.93	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	33	17	75	42	72.11	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	3198912	3078177	3147234	3141441	1.93	cps
Holmium	165-2	1193252	1213246	1082718	1163072	6.04	cps
Indium	115-1	3003176	2873709	2998340	2958408	2.48	cps
Indium	115-2	238913	244855	216224	233331	6.48	cps
Iron	56-2	75223710	75579796	76896260	75899922	1.16	cps
Iron	57-2	1916257	1911091	1933209	1920185	0.60	cps
Krypton	83-1	600	747	617	654	12.27	cps
Lead	206-1	1018160	1008884	996607	1007884	1.07	cps
Lead	207-1	910737	907286	897900	905307	0.73	cps
Lead	208-1	4267589	4279429	4196399	4247806	1.06	cps
Lithium	6-1	373585	367668	374998	372084	1.05	cps
Magnesium	24-2	8499898	8555479	8511171	8522182	0.34	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	266695	265081	270420	267398	1.02	cps
Molybdenum	94-1	4433021	4478251	4392101	4434458	0.97	cps
Molybdenum	95-1	5528836	5484551	5435272	5482886	0.85	cps
Molybdenum	96-1	6070232	6008865	5971955	6017017	0.83	cps
Molybdenum	97-1	3381487	3381250	3368986	3377241	0.21	cps
Molybdenum	98-1	8709434	8564340	8686852	8653542	0.90	cps
Neodymium	150-1	133	93	127	118	18.19	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	242189	241587	248108	243961	1.48	cps
Phosphorus	31-2	6710	6593	6744	6682	1.18	cps
Potassium	39-2	2671338	2665299	2685325	2673988	0.38	cps
Rhodium	103-1	2993647	2892884	3002089	2962873	2.05	cps
Rhodium	103-2	1189130	1220171	1084343	1164548	6.11	cps
Scandium	45-1	2506751	2419974	2509090	2478605	2.05	cps
Scandium	45-2	34740	35542	31232	33838	6.77	cps
Selenium	77-2	500	433	413	449	10.11	cps
Selenium	78-2	1487	1630	1533	1550	4.69	cps
Selenium	82-1	39785	39296	38776	39286	1.28	cps
Silicon	28-1	1805111	1849584	1867577	1840757	1.75	cps
Silver	109-1	2510932	2502941	2478703	2497525	0.67	cps
Silver	107-1	2655286	2619640	2594086	2623004	1.17	cps
Sodium	23-2	19721603	19804435	19890403	19805480	0.43	cps
Strontium	86-1	678564	672701	673642	674969	0.47	cps
Strontium	88-1	6075842	6050631	5999191	6041888	0.65	cps
Sulfur	34-1	679208	671486	664016	671570	1.13	cps
Terbium	159-1	3402738	3266679	3377063	3348827	2.16	cps
Terbium	159-2	1201787	1226511	1086365	1171554	6.39	cps
Thallium	203-1	1262339	1248965	1234380	1248562	1.12	cps
Thallium	205-1	3165282	3155490	3103916	3141563	1.05	cps
Tin	118-1	1604389	1633418	1611172	1616326	0.94	cps
Titanium	47-1	1801769	1798953	1797917	1799546	0.11	cps
Uranium	238-1	3962134	3932085	3854901	3916373	1.41	cps
Vanadium	51-2	322609	322435	327778	324274	0.94	cps
Yttrium	89-1	3583136	3468539	3600105	3550593	2.02	cps
Yttrium	89-2	200165	203588	181733	195162	6.02	cps
Zinc	66-2	151783	153117	155058	153319	1.07	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:47:35	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3687573	3684813	3754316	3708901	1.06	cps
Zirconium	91-1	802574	803879	805057	803837	0.15	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	50	38	51	27.09	cps
Antimony	121-1	1050	1083	1167	1100	5.46	cps
Arsenic	75-2	4	11	9	8	48.07	cps
Barium	135-1	17	8	17	14	34.67	cps
Barium	137-1	25	58	25	36	53.30	cps
Beryllium	9-1	53	50	50	51	3.76	cps
Bismuth	209-1	1905009	1802028	1826940	1844659	2.91	cps
Bismuth	209-2	804648	864780	846456	838628	3.68	cps
Boron	10-1	1408	1442	1400	1417	1.56	cps
Boron	11-1	7060	6969	6427	6819	5.02	cps
Cadmium	111-1	548	541	572	554	2.94	cps
Cadmium	106-1	767	750	800	772	3.30	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	370	293	350	338	11.77	cps
Calcium	44-1	33283	33677	33687	33549	0.69	cps
Chromium	52-2	2144	2000	2424	2189	9.84	cps
Cobalt	59-2	90	73	37	67	40.92	cps
Copper	63-2	1143	1413	1120	1226	13.30	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	33	11	173.21	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	3103688	3044402	3170701	3106264	2.03	cps
Holmium	165-2	1075500	1161635	1136263	1124466	3.94	cps
Indium	115-1	3153843	2956517	3075839	3062066	3.25	cps
Indium	115-2	224896	244338	236656	235296	4.16	cps
Iron	56-2	4095	4412	3962	4156	5.56	cps
Iron	57-2	106	111	100	106	5.26	cps
Krypton	83-1	653	683	680	672	2.45	cps
Lead	206-1	817	600	617	678	17.79	cps
Lead	207-1	578	583	594	585	1.45	cps
Lead	208-1	3034	2561	2528	2708	10.44	cps
Lithium	6-1	375907	367377	378342	373875	1.54	cps
Magnesium	24-2	400	317	367	361	11.62	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	107	80	96	14.52	cps
Molybdenum	94-1	350	383	442	392	11.85	cps
Molybdenum	95-1	417	283	375	358	19.04	cps
Molybdenum	96-1	400	367	425	397	7.37	cps
Molybdenum	97-1	333	267	400	333	20.00	cps
Molybdenum	98-1	675	658	508	614	14.95	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	90	117	94	21.56	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	6602	6518	6427	6516	1.34	cps
Rhodium	103-1	3215060	2990121	3123126	3109436	3.64	cps
Rhodium	103-2	1153321	1235860	1214542	1201241	3.57	cps
Scandium	45-1	2563532	2428083	2531334	2507650	2.82	cps
Scandium	45-2	30818	33226	33039	32361	4.14	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-56	-38	-66	-53	-27.30	cps
Silicon	28-1	283132	280898	280200	281410	0.54	cps
Silver	109-1	600	675	575	617	8.44	cps
Silver	107-1	742	583	783	703	15.02	cps
Sodium	23-2	19564	19572	19047	19394	1.55	cps
Strontium	86-1	908	900	858	889	3.01	cps
Strontium	88-1	92	150	117	119	24.50	cps
Sulfur	34-1	425199	431994	430744	429312	0.84	cps
Terbium	159-1	3393484	3223838	3364912	3327411	2.73	cps
Terbium	159-2	1085558	1172756	1136558	1131624	3.87	cps
Thallium	203-1	92	83	117	97	17.84	cps
Thallium	205-1	200	258	200	219	15.35	cps
Tin	118-1	517	408	433	453	12.53	cps
Titanium	47-1	67	50	83	67	25.00	cps
Uranium	238-1	42	42	75	53	36.46	cps
Vanadium	51-2	17	27	20	21	24.12	cps
Yttrium	89-1	3657275	3509236	3605972	3590828	2.09	cps
Yttrium	89-2	182649	194851	192102	189867	3.37	cps
Zinc	66-2	130	200	147	159	23.02	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:50:52	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	333	450	372	18.10	cps
Zirconium	91-1	75	133	92	100	30.05	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 19:02:51	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1493	1523	1666	1560	5.91	cps
Antimony	121-1	525	733	625	628	16.60	cps
Arsenic	75-2	17	41	44	34	44.42	cps
Barium	135-1	1033	1133	1133	1100	5.25	cps
Barium	137-1	2034	1942	2042	2006	2.77	cps
Beryllium	9-1	27	47	60	44	37.74	cps
Bismuth	209-1	1776859	1856556	1908402	1847272	3.59	cps
Bismuth	209-2	807457	834879	802832	815056	2.13	cps
Boron	10-1	1092	1225	1183	1167	5.85	cps
Boron	11-1	5443	5568	5760	5590	2.85	cps
Cadmium	111-1	590	588	525	567	6.53	cps
Cadmium	106-1	800	800	700	767	7.53	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	6008	5875	5755	5879	2.16	cps
Calcium	44-1	125493	122128	123537	123719	1.37	cps
Chromium	52-2	535296	529068	530550	531638	0.61	cps
Cobalt	59-2	257	200	273	243	15.80	cps
Copper	63-2	32592	31640	31893	32042	1.54	cps
Dysprosium	156-1	258	192	242	231	15.05	cps
Dysprosium	156-2	97	87	63	82	20.81	cps
Erbium	164-1	208	250	258	239	11.21	cps
Erbium	164-2	87	83	47	72	30.73	cps
Gadolinium	160-1	217	250	242	236	7.35	cps
Gadolinium	160-2	110	113	97	107	8.27	cps
Holmium	165-1	3006606	3157705	3214259	3126190	3.43	cps
Holmium	165-2	1095335	1132178	1093510	1107008	1.97	cps
Indium	115-1	2922409	3055970	3052838	3010406	2.53	cps
Indium	115-2	223808	230814	225211	226611	1.64	cps
Iron	56-2	69780	68021	70188	69330	1.66	cps
Iron	57-2	1850	1683	1906	1813	6.38	cps
Krypton	83-1	560	577	690	609	11.62	cps
Lead	206-1	472	556	400	476	16.36	cps
Lead	207-1	483	472	372	443	13.83	cps
Lead	208-1	2006	2111	1700	1939	11.01	cps
Lithium	6-1	337428	339418	335961	337602	0.51	cps
Magnesium	24-2	7027	7235	6552	6938	5.05	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 19:02:51	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2880	2740	2837	2819	2.54	cps
Molybdenum	94-1	650	625	617	631	2.75	cps
Molybdenum	95-1	567	683	650	633	9.49	cps
Molybdenum	96-1	783	658	692	711	9.10	cps
Molybdenum	97-1	575	442	642	553	18.42	cps
Molybdenum	98-1	1025	1075	950	1017	6.19	cps
Neodymium	150-1	340	193	240	258	29.07	cps
Neodymium	150-2	77	53	43	58	29.61	cps
Nickel	60-2	857	897	930	894	4.11	cps
Phosphorus	31-2	25	42	67	44	47.19	cps
Potassium	39-2	8069	6852	7778	7566	8.40	cps
Rhodium	103-1	2958277	3095582	3159845	3071235	3.35	cps
Rhodium	103-2	1166660	1205899	1172508	1181689	1.79	cps
Scandium	45-1	2389475	2463038	2479854	2444122	1.97	cps
Scandium	45-2	31703	31749	31138	31530	1.08	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	102	97	-78	40	252.80	cps
Silicon	28-1	783424	766386	759914	769908	1.58	cps
Silver	109-1	10888	10888	10830	10869	0.31	cps
Silver	107-1	12048	12490	11180	11906	5.60	cps
Sodium	23-2	2641657	2609455	2577498	2609537	1.23	cps
Strontium	86-1	3101	3167	3151	3139	1.11	cps
Strontium	88-1	18204	18530	18839	18524	1.71	cps
Sulfur	34-1	441048	431257	422949	431752	2.10	cps
Terbium	159-1	3237307	3371193	3411310	3339937	2.73	cps
Terbium	159-2	1098038	1125825	1102903	1108922	1.34	cps
Thallium	203-1	33	58	17	36	58.08	cps
Thallium	205-1	92	108	75	92	18.18	cps
Tin	118-1	442	433	650	508	24.15	cps
Titanium	47-1	300	358	433	364	18.37	cps
Uranium	238-1	500	350	583	478	24.75	cps
Vanadium	51-2	203	203	227	211	6.38	cps
Yttrium	89-1	3452542	3519861	3612019	3528140	2.27	cps
Yttrium	89-2	185877	187748	183527	185717	1.14	cps
Zinc	66-2	270	250	273	264	4.77	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X10	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 19:02:51	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	650	708	695	5.67	cps
Zirconium	91-1	150	108	167	142	21.21	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	90	110	92	19.16	cps
Antimony	121-1	567	442	433	481	15.54	cps
Arsenic	75-2	9	20	19	16	37.09	cps
Barium	135-1	125	92	75	97	26.19	cps
Barium	137-1	158	200	175	178	11.80	cps
Beryllium	9-1	40	37	30	36	14.32	cps
Bismuth	209-1	1955691	1886172	1827991	1889951	3.38	cps
Bismuth	209-2	845831	827218	841479	838176	1.16	cps
Boron	10-1	783	842	900	842	6.93	cps
Boron	11-1	4201	4734	4609	4515	6.18	cps
Cadmium	111-1	737	634	551	641	14.53	cps
Cadmium	106-1	958	825	725	836	14.00	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	6752	6768	6485	6668	2.39	cps
Calcium	44-1	133913	133963	133507	133794	0.19	cps
Chromium	52-2	394939	393503	396528	394990	0.38	cps
Cobalt	59-2	267	253	307	276	10.07	cps
Copper	63-2	17091	17144	17094	17110	0.17	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	33	25	33	25.00	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	3243748	3178396	3112760	3178302	2.06	cps
Holmium	165-2	1130915	1103855	1119489	1118086	1.21	cps
Indium	115-1	3117842	3025133	3035038	3059338	1.66	cps
Indium	115-2	232532	225145	231125	229601	1.71	cps
Iron	56-2	9920	9904	9820	9882	0.54	cps
Iron	57-2	233	306	239	259	15.50	cps
Krypton	83-1	677	557	660	631	10.30	cps
Lead	206-1	411	367	422	400	7.35	cps
Lead	207-1	356	361	472	396	16.61	cps
Lead	208-1	1700	1611	1861	1724	7.35	cps
Lithium	6-1	344540	340078	340750	341789	0.70	cps
Magnesium	24-2	3067	2784	3209	3020	7.17	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2490	2614	2614	2573	2.77	cps
Molybdenum	94-1	158	150	108	139	19.29	cps
Molybdenum	95-1	58	58	108	75	38.49	cps
Molybdenum	96-1	150	117	133	133	12.50	cps
Molybdenum	97-1	217	225	200	214	5.95	cps
Molybdenum	98-1	50	92	142	94	48.60	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	450	493	493	479	5.22	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	5843	6310	6427	6193	4.99	cps
Rhodium	103-1	3137772	3109620	3082233	3109875	0.89	cps
Rhodium	103-2	1216312	1170642	1190373	1192442	1.92	cps
Scandium	45-1	2486640	2480178	2430311	2465710	1.25	cps
Scandium	45-2	31953	31081	32177	31737	1.82	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-16	101	-86	0	-36880.95	cps
Silicon	28-1	1438491	1423606	1445527	1435875	0.78	cps
Silver	109-1	225	175	183	194	13.78	cps
Silver	107-1	192	175	175	181	5.33	cps
Sodium	23-2	164709	161372	161927	162669	1.10	cps
Strontium	86-1	1533	1358	1792	1561	13.97	cps
Strontium	88-1	5468	5635	5501	5535	1.59	cps
Sulfur	34-1	421470	416527	417076	418358	0.65	cps
Terbium	159-1	3422359	3364350	3346448	3377719	1.17	cps
Terbium	159-2	1126696	1102031	1114144	1114291	1.11	cps
Thallium	203-1	408	500	442	450	10.31	cps
Thallium	205-1	858	1208	1200	1089	18.34	cps
Tin	118-1	267	292	208	256	16.73	cps
Titanium	47-1	92	100	158	117	31.13	cps
Uranium	238-1	42	33	25	33	25.01	cps
Vanadium	51-2	30	37	63	43	40.70	cps
Yttrium	89-1	3626033	3591601	3517898	3578511	1.54	cps
Yttrium	89-2	189666	182626	184413	185569	1.97	cps
Zinc	66-2	263	323	233	273	16.77	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-01DL2X100	Instrumnet Name :	P8
Client Sample ID :	D-01072019-01DL2	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:06:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	292	308	283	294	4.32	cps
Zirconium	91-1	92	75	67	78	16.37	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-07DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:09:48 DataFile Name : 115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	120	95	100	18.03	cps
Antimony	121-1	483	558	650	564	14.80	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	83	67	100	83	20.00	cps
Barium	137-1	108	175	175	153	25.19	cps
Beryllium	9-1	37	43	27	36	23.58	cps
Bismuth	209-1	1881912	1861240	1878229	1873794	0.59	cps
Bismuth	209-2	855007	852781	851770	853186	0.19	cps
Boron	10-1	850	883	942	892	5.20	cps
Boron	11-1	4267	4459	4059	4262	4.70	cps
Cadmium	111-1	651	596	519	589	11.24	cps
Cadmium	106-1	867	800	717	795	9.46	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	6765	6522	6698	6662	1.89	cps
Calcium	44-1	134298	132746	134263	133769	0.66	cps
Chromium	52-2	395413	395159	395334	395302	0.03	cps
Cobalt	59-2	250	257	243	250	2.67	cps
Copper	63-2	16850	16577	16780	16736	0.85	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	3153530	3131997	3113810	3133112	0.63	cps
Holmium	165-2	1133425	1138253	1132861	1134846	0.26	cps
Indium	115-1	3021989	3035705	2990811	3016168	0.76	cps
Indium	115-2	232260	233328	233454	233014	0.28	cps
Iron	56-2	10198	9654	10215	10022	3.19	cps
Iron	57-2	206	317	311	278	22.54	cps
Krypton	83-1	660	567	740	656	13.23	cps
Lead	206-1	372	406	522	433	18.18	cps
Lead	207-1	411	311	400	374	14.65	cps
Lead	208-1	1733	1711	1911	1785	6.14	cps
Lithium	6-1	358742	357705	348320	354922	1.62	cps
Magnesium	24-2	3017	3334	3067	3139	5.42	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:09:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2617	2717	2790	2708	3.21	cps
Molybdenum	94-1	300	142	258	233	35.18	cps
Molybdenum	95-1	217	175	175	189	12.74	cps
Molybdenum	96-1	267	183	192	214	21.46	cps
Molybdenum	97-1	283	267	325	292	10.30	cps
Molybdenum	98-1	308	425	267	333	24.62	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	483	483	513	10.12	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	6310	6360	6218	6296	1.14	cps
Rhodium	103-1	3133378	3142992	3060829	3112400	1.44	cps
Rhodium	103-2	1191443	1206714	1196217	1198125	0.65	cps
Scandium	45-1	2453922	2436201	2429338	2439820	0.52	cps
Scandium	45-2	31856	32411	32147	32138	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-87	38	-149	-66	-144.67	cps
Silicon	28-1	1471070	1472774	1463886	1469243	0.32	cps
Silver	109-1	150	108	217	158	34.51	cps
Silver	107-1	208	158	208	192	15.06	cps
Sodium	23-2	161996	164355	162846	163065	0.73	cps
Strontium	86-1	1675	1600	1458	1578	6.97	cps
Strontium	88-1	5535	5410	4901	5282	6.35	cps
Sulfur	34-1	422939	425002	418438	422126	0.80	cps
Terbium	159-1	3371431	3374977	3334849	3360419	0.66	cps
Terbium	159-2	1141651	1140442	1139718	1140604	0.09	cps
Thallium	203-1	25	42	50	39	32.73	cps
Thallium	205-1	83	75	117	92	24.05	cps
Tin	118-1	225	317	267	269	17.04	cps
Titanium	47-1	217	125	117	153	36.32	cps
Uranium	238-1	42	42	17	33	43.30	cps
Vanadium	51-2	23	17	17	19	20.36	cps
Yttrium	89-1	3554244	3564374	3577536	3565385	0.33	cps
Yttrium	89-2	189269	188577	189962	189269	0.37	cps
Zinc	66-2	273	290	280	281	2.98	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-07DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:09:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	275	275	192	247	19.46	cps
Zirconium	91-1	58	42	67	56	22.91	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:13:17 DataFile Name : 116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235	230	250	238	4.37	cps
Antimony	121-1	83	108	125	106	19.87	cps
Arsenic	75-2	6	4	9	6	45.85	cps
Barium	135-1	1367	1400	1584	1450	8.05	cps
Barium	137-1	2550	2142	2209	2300	9.53	cps
Beryllium	9-1	63	27	43	44	41.30	cps
Bismuth	209-1	1787542	1906232	1870600	1854792	3.28	cps
Bismuth	209-2	877944	871670	854282	867965	1.41	cps
Boron	10-1	3150	3025	2975	3050	2.96	cps
Boron	11-1	15442	16443	16477	16121	3.65	cps
Cadmium	111-1	4024	3897	3752	3891	3.50	cps
Cadmium	106-1	1267	1233	1025	1175	11.15	cps
Cadmium	108-1	304	263	225	264	15.01	cps
Calcium	43-1	14071	14394	14441	14302	1.41	cps
Calcium	44-1	255587	255707	259398	256897	0.84	cps
Chromium	52-2	406386	404267	405782	405478	0.27	cps
Cobalt	59-2	393	473	413	427	9.76	cps
Copper	63-2	22452	22225	22779	22485	1.24	cps
Dysprosium	156-1	400	392	408	400	2.08	cps
Dysprosium	156-2	197	170	163	177	9.98	cps
Erbium	164-1	425	400	367	397	7.37	cps
Erbium	164-2	153	113	133	133	15.00	cps
Gadolinium	160-1	542	500	458	500	8.33	cps
Gadolinium	160-2	173	213	200	196	10.41	cps
Holmium	165-1	2987445	3141660	3142742	3090616	2.89	cps
Holmium	165-2	1175338	1153516	1133994	1154283	1.79	cps
Indium	115-1	2883488	3064051	3013267	2986935	3.12	cps
Indium	115-2	242454	238163	233846	238154	1.81	cps
Iron	56-2	10071	10415	10438	10308	2.00	cps
Iron	57-2	294	244	239	259	11.80	cps
Krypton	83-1	680	617	593	630	7.12	cps
Lead	206-1	544	483	622	550	12.66	cps
Lead	207-1	367	483	383	411	15.35	cps
Lead	208-1	1872	1961	1967	1933	2.74	cps
Lithium	6-1	340467	357590	354125	350727	2.58	cps
Magnesium	24-2	6577	6744	6485	6602	1.99	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:13:17 DataFile Name : 116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21781	22619	22118	22172	1.90	cps
Molybdenum	94-1	158	150	75	128	35.92	cps
Molybdenum	95-1	108	83	125	106	19.87	cps
Molybdenum	96-1	100	167	150	139	24.98	cps
Molybdenum	97-1	167	192	217	192	13.04	cps
Molybdenum	98-1	142	208	142	164	23.49	cps
Neodymium	150-1	453	413	393	420	7.27	cps
Neodymium	150-2	133	80	127	113	25.64	cps
Nickel	60-2	4107	3941	4191	4080	3.12	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	6694	6227	6035	6318	5.36	cps
Rhodium	103-1	2907101	3076103	3020564	3001256	2.87	cps
Rhodium	103-2	1236887	1224008	1201271	1220722	1.48	cps
Scandium	45-1	2312225	2444139	2412386	2389583	2.88	cps
Scandium	45-2	33524	32124	32932	32860	2.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-68	2	-14	-27	-136.16	cps
Silicon	28-1	670669	673022	672853	672181	0.20	cps
Silver	109-1	233	167	142	181	26.25	cps
Silver	107-1	250	150	167	189	28.36	cps
Sodium	23-2	231573	232190	230851	231538	0.29	cps
Strontium	86-1	5943	5376	5451	5590	5.51	cps
Strontium	88-1	41314	42283	42434	42010	1.45	cps
Sulfur	34-1	447567	444493	442184	444748	0.61	cps
Terbium	159-1	3130307	3387441	3311131	3276293	4.03	cps
Terbium	159-2	1171855	1162005	1141852	1158571	1.32	cps
Thallium	203-1	50	25	25	33	43.30	cps
Thallium	205-1	125	108	58	97	35.68	cps
Tin	118-1	258	267	183	236	19.44	cps
Titanium	47-1	108	158	133	133	18.75	cps
Uranium	238-1	83	58	83	75	19.24	cps
Vanadium	51-2	30	23	13	22	37.76	cps
Yttrium	89-1	3409932	3589192	3497837	3498987	2.56	cps
Yttrium	89-2	194735	192398	187790	191641	1.84	cps
Zinc	66-2	1053	807	960	940	13.25	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:13:17	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	200	250	228	11.18	cps
Zirconium	91-1	75	42	50	56	31.22	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:16:51	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110	1103	1045	1086	3.28	cps
Antimony	121-1	24632	25509	24406	24849	2.34	cps
Arsenic	75-2	620	600	613	611	1.69	cps
Barium	135-1	25943	25601	24782	25442	2.34	cps
Barium	137-1	43640	44828	43715	44061	1.51	cps
Beryllium	9-1	4347	4227	4144	4240	2.41	cps
Bismuth	209-1	1874688	1944515	1881181	1900128	2.03	cps
Bismuth	209-2	837143	868621	862803	856189	1.96	cps
Boron	10-1	3792	3776	3692	3753	1.43	cps
Boron	11-1	18830	18721	18997	18849	0.74	cps
Cadmium	111-1	9821	9379	9690	9630	2.36	cps
Cadmium	106-1	1509	1684	1892	1695	11.33	cps
Cadmium	108-1	638	771	696	701	9.53	cps
Calcium	43-1	22058	21223	21694	21658	1.93	cps
Calcium	44-1	374561	371900	369650	372037	0.66	cps
Chromium	52-2	407717	405573	402063	405117	0.70	cps
Cobalt	59-2	9850	9660	9457	9656	2.04	cps
Copper	63-2	36999	37330	36949	37093	0.56	cps
Dysprosium	156-1	417	542	442	467	14.17	cps
Dysprosium	156-2	137	140	160	146	8.67	cps
Erbium	164-1	400	425	392	406	4.28	cps
Erbium	164-2	153	170	157	160	5.51	cps
Gadolinium	160-1	392	333	417	381	11.24	cps
Gadolinium	160-2	210	170	250	210	19.05	cps
Holmium	165-1	3133845	3168745	3104595	3135728	1.02	cps
Holmium	165-2	1113037	1162651	1148005	1141231	2.23	cps
Indium	115-1	3098665	3136431	3011950	3082349	2.07	cps
Indium	115-2	233251	238511	238425	236729	1.27	cps
Iron	56-2	174691	172780	173425	173632	0.56	cps
Iron	57-2	4317	4206	4162	4229	1.90	cps
Krypton	83-1	617	557	643	606	7.33	cps
Lead	206-1	11911	11756	11506	11724	1.75	cps
Lead	207-1	9876	10054	9960	9963	0.89	cps
Lead	208-1	46117	46323	46407	46282	0.32	cps
Lithium	6-1	357706	360383	356045	358045	0.61	cps
Magnesium	24-2	24848	25198	24439	24828	1.53	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-10DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:16:51 DataFile Name : 117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25223	25360	25173	25252	0.38	cps
Molybdenum	94-1	46280	45796	46498	46191	0.78	cps
Molybdenum	95-1	55573	56125	56995	56231	1.28	cps
Molybdenum	96-1	61055	61558	61716	61443	0.56	cps
Molybdenum	97-1	36033	34604	35539	35392	2.05	cps
Molybdenum	98-1	89662	89815	88698	89391	0.68	cps
Neodymium	150-1	400	360	420	393	7.77	cps
Neodymium	150-2	87	110	93	97	12.43	cps
Nickel	60-2	6668	6702	6398	6589	2.53	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	12773	11822	11630	12075	5.07	cps
Rhodium	103-1	3098249	3209871	3084451	3130857	2.20	cps
Rhodium	103-2	1197249	1227118	1212242	1212203	1.23	cps
Scandium	45-1	2456406	2502713	2446350	2468490	1.22	cps
Scandium	45-2	32107	32675	32317	32366	0.89	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	22	20	22	22	4.94	cps
Selenium	82-1	496	456	394	448	11.46	cps
Silicon	28-1	691132	693796	691914	692281	0.20	cps
Silver	109-1	26811	26160	25784	26252	1.98	cps
Silver	107-1	27821	27671	28365	27952	1.31	cps
Sodium	23-2	273971	273665	271877	273171	0.41	cps
Strontium	86-1	13015	12623	12548	12729	1.97	cps
Strontium	88-1	104634	104784	102483	103967	1.24	cps
Sulfur	34-1	450812	445740	442837	446463	0.90	cps
Terbium	159-1	3350459	3417807	3350113	3372793	1.16	cps
Terbium	159-2	1129072	1168679	1158641	1152130	1.79	cps
Thallium	203-1	14359	13441	14225	14008	3.54	cps
Thallium	205-1	32919	32835	32802	32852	0.18	cps
Tin	118-1	16786	16619	16653	16686	0.53	cps
Titanium	47-1	18404	18271	18546	18407	0.75	cps
Uranium	238-1	38904	39773	39589	39422	1.16	cps
Vanadium	51-2	3380	3444	3304	3376	2.08	cps
Yttrium	89-1	3589985	3580718	3517076	3562593	1.11	cps
Yttrium	89-2	188347	192214	190530	190363	1.02	cps
Zinc	66-2	2787	2754	2747	2763	0.78	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-10DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:16:51	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	39157	38163	39233	38851	1.54	cps
Zirconium	91-1	8712	8928	9028	8889	1.82	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:20:19	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993	1055	1090	1046	4.72	cps
Antimony	121-1	25375	24874	25843	25364	1.91	cps
Arsenic	75-2	637	643	589	623	4.74	cps
Barium	135-1	25943	26603	25926	26157	1.47	cps
Barium	137-1	44359	44718	44743	44607	0.48	cps
Beryllium	9-1	3944	4264	4217	4142	4.17	cps
Bismuth	209-1	1957447	1787799	1908378	1884541	4.63	cps
Bismuth	209-2	854074	851843	862605	856174	0.66	cps
Boron	10-1	3534	3659	3934	3709	5.52	cps
Boron	11-1	18037	19397	19314	18916	4.03	cps
Cadmium	111-1	9843	9655	9970	9823	1.61	cps
Cadmium	106-1	1809	1650	1692	1717	4.78	cps
Cadmium	108-1	621	683	621	642	5.62	cps
Calcium	43-1	21887	21677	22054	21873	0.86	cps
Calcium	44-1	373378	377485	373756	374873	0.61	cps
Chromium	52-2	406014	402630	405164	404603	0.44	cps
Cobalt	59-2	9720	9497	9720	9646	1.34	cps
Copper	63-2	37962	38209	37775	37982	0.57	cps
Dysprosium	156-1	550	492	533	525	5.72	cps
Dysprosium	156-2	177	193	170	180	6.68	cps
Erbium	164-1	483	275	383	381	27.38	cps
Erbium	164-2	160	110	160	143	20.14	cps
Gadolinium	160-1	475	508	508	497	3.87	cps
Gadolinium	160-2	167	190	237	198	18.02	cps
Holmium	165-1	3224238	2994746	3171237	3130074	3.84	cps
Holmium	165-2	1144408	1148908	1156438	1149918	0.53	cps
Indium	115-1	3131259	2945630	3070699	3049196	3.10	cps
Indium	115-2	234198	239457	235935	236530	1.13	cps
Iron	56-2	173466	173937	173522	173641	0.15	cps
Iron	57-2	4462	4301	4523	4429	2.59	cps
Krypton	83-1	517	723	673	638	16.91	cps
Lead	206-1	11789	11767	11950	11835	0.85	cps
Lead	207-1	10516	10188	10583	10429	2.03	cps
Lead	208-1	47442	47019	48165	47542	1.22	cps
Lithium	6-1	370003	349478	364847	361443	2.95	cps
Magnesium	24-2	25048	25649	25182	25293	1.25	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:20:19	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24949	24428	24185	24521	1.59	cps
Molybdenum	94-1	45595	47124	46957	46559	1.80	cps
Molybdenum	95-1	55615	56526	55749	55963	0.88	cps
Molybdenum	96-1	63005	62269	61432	62235	1.27	cps
Molybdenum	97-1	35088	34712	33935	34578	1.70	cps
Molybdenum	98-1	89755	91660	87767	89727	2.17	cps
Neodymium	150-1	427	340	420	396	12.19	cps
Neodymium	150-2	117	117	87	107	16.24	cps
Nickel	60-2	6748	6805	6712	6755	0.70	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	11689	11847	12131	11889	1.88	cps
Rhodium	103-1	3147992	2913639	3069627	3043753	3.92	cps
Rhodium	103-2	1198920	1226595	1223503	1216339	1.25	cps
Scandium	45-1	2499316	2352506	2481954	2444592	3.28	cps
Scandium	45-2	31599	32157	32909	32222	2.04	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	17	15	13	15	12.52	cps
Selenium	82-1	554	310	340	401	33.10	cps
Silicon	28-1	688339	691434	692124	690632	0.29	cps
Silver	109-1	26861	26636	25642	26380	2.46	cps
Silver	107-1	28581	27905	28014	28167	1.29	cps
Sodium	23-2	274407	273225	273973	273868	0.22	cps
Strontium	86-1	13057	12807	12781	12882	1.18	cps
Strontium	88-1	105641	104608	103970	104739	0.80	cps
Sulfur	34-1	451673	451344	448594	450537	0.38	cps
Terbium	159-1	3441569	3236107	3409775	3362484	3.29	cps
Terbium	159-2	1142942	1156180	1154445	1151189	0.62	cps
Thallium	203-1	13716	13416	14100	13744	2.49	cps
Thallium	205-1	32175	33011	32685	32624	1.29	cps
Tin	118-1	16461	16644	16795	16633	1.01	cps
Titanium	47-1	18279	18897	18546	18574	1.67	cps
Uranium	238-1	39848	39522	39372	39581	0.61	cps
Vanadium	51-2	3290	3564	3240	3365	5.17	cps
Yttrium	89-1	3623209	3464366	3577913	3555163	2.30	cps
Yttrium	89-2	188238	192506	193043	191262	1.38	cps
Zinc	66-2	2604	2704	2687	2665	2.01	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-11DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:20:19	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	39517	39241	39383	39380	0.35	cps
Zirconium	91-1	8903	8703	8695	8767	1.35	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09ADL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:23:49 DataFile Name : 119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1138	1080	1023	1080	5.32	cps
Antimony	121-1	24740	25551	24415	24902	2.35	cps
Arsenic	75-2	591	576	637	601	5.30	cps
Barium	135-1	25751	26761	26035	26182	1.99	cps
Barium	137-1	43958	45438	45379	44925	1.87	cps
Beryllium	9-1	4281	4657	4174	4371	5.81	cps
Bismuth	209-1	1903916	1844286	1855922	1868042	1.69	cps
Bismuth	209-2	846554	855165	846173	849297	0.60	cps
Boron	10-1	3467	3917	3717	3701	6.09	cps
Boron	11-1	18580	19272	18930	18927	1.83	cps
Cadmium	111-1	10230	9619	10178	10009	3.39	cps
Cadmium	106-1	1750	1650	1609	1670	4.36	cps
Cadmium	108-1	533	729	579	614	16.69	cps
Calcium	43-1	21410	21397	22158	21655	2.01	cps
Calcium	44-1	381536	376721	377747	378668	0.67	cps
Chromium	52-2	407114	408075	402167	405785	0.78	cps
Cobalt	59-2	9694	9553	9944	9730	2.03	cps
Copper	63-2	38253	37772	37785	37936	0.72	cps
Dysprosium	156-1	425	367	333	375	12.37	cps
Dysprosium	156-2	203	140	170	171	18.52	cps
Erbium	164-1	317	375	492	394	22.59	cps
Erbium	164-2	143	150	167	153	7.84	cps
Gadolinium	160-1	442	375	525	447	16.80	cps
Gadolinium	160-2	213	200	197	203	4.34	cps
Holmium	165-1	3180506	3120400	3121231	3140713	1.10	cps
Holmium	165-2	1140640	1152507	1130318	1141155	0.97	cps
Indium	115-1	3078499	3007474	3016558	3034177	1.27	cps
Indium	115-2	234184	234710	233587	234161	0.24	cps
Iron	56-2	176160	174770	172374	174435	1.10	cps
Iron	57-2	4301	4423	4512	4412	2.40	cps
Krypton	83-1	697	647	717	687	5.25	cps
Lead	206-1	12006	11784	11800	11863	1.04	cps
Lead	207-1	10772	9882	10199	10284	4.38	cps
Lead	208-1	48153	46913	47286	47451	1.34	cps
Lithium	6-1	360748	360631	358328	359902	0.38	cps
Magnesium	24-2	24789	25332	24597	24906	1.53	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-09ADL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:23:49 DataFile Name : 119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25493	24565	24128	24729	2.82	cps
Molybdenum	94-1	47191	47409	49257	47952	2.37	cps
Molybdenum	95-1	57698	57866	56544	57369	1.25	cps
Molybdenum	96-1	63415	62411	61682	62503	1.39	cps
Molybdenum	97-1	35991	35556	35063	35536	1.31	cps
Molybdenum	98-1	90234	89956	90804	90331	0.48	cps
Neodymium	150-1	413	367	413	398	6.77	cps
Neodymium	150-2	120	103	100	108	9.94	cps
Nickel	60-2	6705	6892	6812	6803	1.38	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	12973	12206	12556	12578	3.05	cps
Rhodium	103-1	3134822	3072556	3061750	3089709	1.28	cps
Rhodium	103-2	1200943	1200271	1200892	1200702	0.03	cps
Scandium	45-1	2510310	2409492	2420145	2446649	2.26	cps
Scandium	45-2	31773	32291	31485	31850	1.28	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	28	24	13	22	35.70	cps
Selenium	82-1	338	361	302	334	8.90	cps
Silicon	28-1	690796	693351	689939	691362	0.26	cps
Silver	109-1	26502	26594	26986	26694	0.96	cps
Silver	107-1	28172	28030	28381	28194	0.63	cps
Sodium	23-2	274508	274337	272640	273828	0.38	cps
Strontium	86-1	12456	12657	12915	12676	1.81	cps
Strontium	88-1	104390	104719	104172	104427	0.26	cps
Sulfur	34-1	454843	456392	447413	452883	1.06	cps
Terbium	159-1	3351281	3306493	3355475	3337750	0.81	cps
Terbium	159-2	1136255	1140094	1134747	1137032	0.24	cps
Thallium	203-1	14125	14008	14100	14078	0.44	cps
Thallium	205-1	33186	33169	33947	33434	1.33	cps
Tin	118-1	16628	16987	16569	16728	1.35	cps
Titanium	47-1	19448	18805	18396	18883	2.81	cps
Uranium	238-1	40935	39958	39489	40127	1.84	cps
Vanadium	51-2	3541	3561	3307	3469	4.06	cps
Yttrium	89-1	3564453	3504399	3503031	3523961	1.00	cps
Yttrium	89-2	189616	187881	188688	188728	0.46	cps
Zinc	66-2	2744	2647	2710	2700	1.82	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-09ADL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:23:49	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	40052	39442	40729	40074	1.61	cps
Zirconium	91-1	8995	8753	8553	8767	2.52	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-19DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:27:18 DataFile Name : 120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	108	95	91	21.02	cps
Antimony	121-1	92	108	50	83	36.06	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	117	100	125	114	11.18	cps
Barium	137-1	192	183	250	208	17.43	cps
Beryllium	9-1	23	7	20	17	52.90	cps
Bismuth	209-1	1868818	1970847	1883378	1907681	2.89	cps
Bismuth	209-2	858198	860707	847443	855449	0.82	cps
Boron	10-1	4659	5101	4993	4918	4.68	cps
Boron	11-1	26133	26617	26417	26389	0.92	cps
Cadmium	111-1	632	689	585	635	8.21	cps
Cadmium	106-1	842	892	733	822	9.84	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	11481	11845	12009	11778	2.29	cps
Calcium	44-1	216232	214905	215272	215469	0.32	cps
Chromium	52-2	569364	568577	566523	568155	0.26	cps
Cobalt	59-2	247	270	230	249	8.07	cps
Copper	63-2	16306	16453	16316	16359	0.50	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	3165684	3297678	3183435	3215599	2.23	cps
Holmium	165-2	1154842	1156558	1137749	1149716	0.90	cps
Indium	115-1	3037696	3162770	3032436	3077634	2.40	cps
Indium	115-2	236385	236853	233607	235615	0.74	cps
Iron	56-2	9520	9226	8914	9220	3.29	cps
Iron	57-2	194	283	272	250	19.37	cps
Krypton	83-1	603	600	670	624	6.32	cps
Lead	206-1	483	500	394	459	12.36	cps
Lead	207-1	328	389	389	369	9.58	cps
Lead	208-1	1672	1672	1739	1695	2.27	cps
Lithium	6-1	366044	376090	359194	367109	2.31	cps
Magnesium	24-2	11872	11589	11288	11583	2.52	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : K1079-19DL2X100 Instrumnet Name : P8
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 19:27:18 DataFile Name : 120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9607	9153	9704	9488	3.10	cps
Molybdenum	94-1	200	167	133	167	20.00	cps
Molybdenum	95-1	33	67	100	67	50.00	cps
Molybdenum	96-1	183	133	158	158	15.79	cps
Molybdenum	97-1	208	208	183	200	7.21	cps
Molybdenum	98-1	150	158	142	150	5.56	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	457	373	457	18.25	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	6435	6210	6502	6382	2.40	cps
Rhodium	103-1	3075224	3208375	3094065	3125888	2.31	cps
Rhodium	103-2	1213690	1222429	1195206	1210441	1.15	cps
Scandium	45-1	2434673	2572614	2438011	2481766	3.17	cps
Scandium	45-2	32170	32384	31823	32126	0.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-39	23	-123	-46	-158.96	cps
Silicon	28-1	985593	988124	990485	988068	0.25	cps
Silver	109-1	158	175	150	161	7.90	cps
Silver	107-1	225	167	158	183	19.81	cps
Sodium	23-2	301900	300337	302442	301560	0.36	cps
Strontium	86-1	8136	7736	7602	7825	3.55	cps
Strontium	88-1	60627	60652	58954	60078	1.62	cps
Sulfur	34-1	438468	435152	434007	435875	0.53	cps
Terbium	159-1	3401592	3519554	3395181	3438776	2.04	cps
Terbium	159-2	1157078	1162898	1142435	1154137	0.91	cps
Thallium	203-1	50	33	50	44	21.66	cps
Thallium	205-1	83	100	58	81	26.03	cps
Tin	118-1	233	258	125	206	34.48	cps
Titanium	47-1	108	133	233	158	41.79	cps
Uranium	238-1	92	83	108	94	13.48	cps
Vanadium	51-2	17	30	17	21	36.45	cps
Yttrium	89-1	3589440	3718360	3519722	3609174	2.79	cps
Yttrium	89-2	189991	190966	187079	189345	1.07	cps
Zinc	66-2	270	277	270	272	1.41	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	K1079-19DL2X100	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 19:27:18	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	317	325	281	24.91	cps
Zirconium	91-1	83	67	33	61	41.67	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	419448	421136	419308	419964	0.24	cps
Antimony	121-1	2413817	2400791	2381929	2398846	0.67	cps
Arsenic	75-2	59602	60456	59239	59766	1.04	cps
Barium	135-1	2376577	2317708	2363381	2352555	1.31	cps
Barium	137-1	4003043	4000653	3992526	3998741	0.14	cps
Beryllium	9-1	424263	421586	414988	420279	1.14	cps
Bismuth	209-1	1844646	1810118	1866585	1840450	1.55	cps
Bismuth	209-2	821991	823211	820090	821764	0.19	cps
Boron	10-1	59768	59383	59499	59550	0.33	cps
Boron	11-1	291987	297265	296892	295382	1.00	cps
Cadmium	111-1	519921	518144	514547	517537	0.53	cps
Cadmium	106-1	55264	55080	55306	55217	0.22	cps
Cadmium	108-1	37181	37862	37364	37469	0.94	cps
Calcium	43-1	3541454	3541479	3556582	3546505	0.25	cps
Calcium	44-1	57056186	57203332	56566074	56941864	0.59	cps
Chromium	52-2	447935	454136	449954	450675	0.70	cps
Cobalt	59-2	844245	847861	846867	846324	0.22	cps
Copper	63-2	1348944	1355091	1359179	1354404	0.38	cps
Dysprosium	156-1	33	42	25	33	25.00	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	3274003	3181839	3260657	3238833	1.54	cps
Holmium	165-2	1166622	1183863	1146942	1165809	1.58	cps
Indium	115-1	3033445	2981176	3050407	3021676	1.19	cps
Indium	115-2	232891	238650	236135	235892	1.22	cps
Iron	56-2	77574402	76799216	76558571	76977396	0.69	cps
Iron	57-2	1973019	1939442	1938486	1950316	1.01	cps
Krypton	83-1	727	630	640	666	7.99	cps
Lead	206-1	1002549	1007618	987076	999081	1.07	cps
Lead	207-1	903630	912173	901865	905889	0.61	cps
Lead	208-1	4217522	4243045	4199707	4220091	0.52	cps
Lithium	6-1	407860	399701	405383	404315	1.03	cps
Magnesium	24-2	8739605	8665793	8815299	8740232	0.86	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	271194	272398	272653	272082	0.29	cps
Molybdenum	94-1	4498203	4452231	4504847	4485094	0.64	cps
Molybdenum	95-1	5525677	5486446	5540418	5517514	0.51	cps
Molybdenum	96-1	6035204	6031460	6013751	6026805	0.19	cps
Molybdenum	97-1	3370554	3380817	3344389	3365253	0.56	cps
Molybdenum	98-1	8739969	8625028	8668978	8677992	0.67	cps
Neodymium	150-1	80	180	73	111	53.78	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	247409	248619	250086	248705	0.54	cps
Phosphorus	31-2	7302	7144	6543	6996	5.72	cps
Potassium	39-2	2727092	2762118	2754196	2747802	0.67	cps
Rhodium	103-1	3027751	2954062	3115416	3032409	2.66	cps
Rhodium	103-2	1158199	1181860	1163204	1167754	1.07	cps
Scandium	45-1	2541800	2529533	2639562	2570298	2.35	cps
Scandium	45-2	34018	34486	34255	34253	0.68	cps
Selenium	77-2	417	437	427	427	2.34	cps
Selenium	78-2	1587	1572	1633	1598	2.00	cps
Selenium	82-1	39684	39482	39251	39472	0.55	cps
Silicon	28-1	1924876	1935738	1909812	1923475	0.68	cps
Silver	109-1	2487490	2485279	2470524	2481098	0.37	cps
Silver	107-1	2656662	2598951	2581474	2612362	1.51	cps
Sodium	23-2	20277369	20190297	20478263	20315310	0.73	cps
Strontium	86-1	670225	672993	681533	674917	0.87	cps
Strontium	88-1	6002308	5994732	6091539	6029526	0.89	cps
Sulfur	34-1	683115	677750	681669	680844	0.41	cps
Terbium	159-1	3488821	3385139	3495793	3456584	1.79	cps
Terbium	159-2	1167245	1188260	1163036	1172847	1.15	cps
Thallium	203-1	1251329	1256535	1216490	1241451	1.75	cps
Thallium	205-1	3132053	3153557	3071324	3118978	1.37	cps
Tin	118-1	1605018	1592018	1586858	1594631	0.59	cps
Titanium	47-1	1806139	1855428	1813194	1824921	1.46	cps
Uranium	238-1	3941803	3936037	3881054	3919631	0.86	cps
Vanadium	51-2	329076	328351	330642	329356	0.36	cps
Yttrium	89-1	3628729	3584048	3792201	3668326	2.99	cps
Yttrium	89-2	194622	200181	199013	197939	1.48	cps
Zinc	66-2	154372	155140	155547	155019	0.39	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:42:25	DataFile Name :	121CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3778837	3704937	3779950	3754575	1.15	cps
Zirconium	91-1	810969	807598	815979	811515	0.52	cps

LB Number : LB100376 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	53	43	47	11.15	cps
Antimony	121-1	575	742	850	722	19.18	cps
Arsenic	75-2	6	4	9	6	45.85	cps
Barium	135-1	33	67	25	42	52.91	cps
Barium	137-1	8	42	17	22	78.07	cps
Beryllium	9-1	43	50	37	43	15.38	cps
Bismuth	209-1	1774318	1810939	1712203	1765820	2.83	cps
Bismuth	209-2	832582	842860	847270	840904	0.90	cps
Boron	10-1	500	758	567	608	22.05	cps
Boron	11-1	3251	3084	3134	3156	2.71	cps
Cadmium	111-1	551	600	533	562	6.20	cps
Cadmium	106-1	783	858	758	800	6.51	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	283	283	287	284	0.68	cps
Calcium	44-1	32267	32840	32398	32502	0.92	cps
Chromium	52-2	2130	2227	2017	2125	4.95	cps
Cobalt	59-2	83	63	57	68	20.48	cps
Copper	63-2	1140	1097	1117	1118	1.94	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	3018268	3121876	2895237	3011794	3.77	cps
Holmium	165-2	1113507	1127300	1149570	1130126	1.61	cps
Indium	115-1	3004615	3065615	2842472	2970900	3.88	cps
Indium	115-2	239359	238590	243620	240523	1.13	cps
Iron	56-2	4129	4040	3895	4021	2.93	cps
Iron	57-2	94	89	117	100	14.70	cps
Krypton	83-1	647	627	663	646	2.84	cps
Lead	206-1	511	506	556	524	5.23	cps
Lead	207-1	522	417	417	452	13.49	cps
Lead	208-1	1978	1933	2083	1998	3.86	cps
Lithium	6-1	372038	384413	367310	374587	2.36	cps
Magnesium	24-2	375	317	350	347	8.43	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:47:26	DataFile Name :	122CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	93	53	86	34.04	cps
Molybdenum	94-1	275	358	217	283	25.13	cps
Molybdenum	95-1	175	192	183	183	4.55	cps
Molybdenum	96-1	258	258	200	239	14.10	cps
Molybdenum	97-1	267	275	208	250	14.53	cps
Molybdenum	98-1	283	383	275	314	19.21	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	63	103	83	24.01	cps
Phosphorus	31-2	25	25	17	22	21.64	cps
Potassium	39-2	6143	6385	5985	6171	3.27	cps
Rhodium	103-1	3012080	3183969	2934970	3043673	4.19	cps
Rhodium	103-2	1210647	1208266	1232841	1217252	1.11	cps
Scandium	45-1	2474041	2563831	2386539	2474804	3.58	cps
Scandium	45-2	33012	33727	34402	33714	2.06	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	-28	-1	-51	-27	-94.50	cps
Silicon	28-1	281649	281314	277242	280068	0.88	cps
Silver	109-1	467	375	425	422	10.87	cps
Silver	107-1	442	483	383	436	11.52	cps
Sodium	23-2	14650	14766	14541	14653	0.77	cps
Strontium	86-1	975	758	942	892	13.08	cps
Strontium	88-1	50	117	108	92	39.63	cps
Sulfur	34-1	436426	443747	442334	440836	0.88	cps
Terbium	159-1	3202163	3338460	3143138	3227920	3.10	cps
Terbium	159-2	1143659	1131478	1157566	1144234	1.14	cps
Thallium	203-1	67	125	108	100	30.05	cps
Thallium	205-1	250	200	217	222	11.46	cps
Tin	118-1	308	367	317	331	9.54	cps
Titanium	47-1	133	67	92	97	34.64	cps
Uranium	238-1	83	42	17	47	71.32	cps
Vanadium	51-2	10	33	17	20	60.08	cps
Yttrium	89-1	3483803	3651268	3393895	3509655	3.72	cps
Yttrium	89-2	194198	194535	197942	195559	1.06	cps
Zinc	66-2	133	127	150	137	8.79	cps

LB Number :	LB100376	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	392	308	339	13.54	cps
Zirconium	91-1	25	83	67	58	51.51	cps