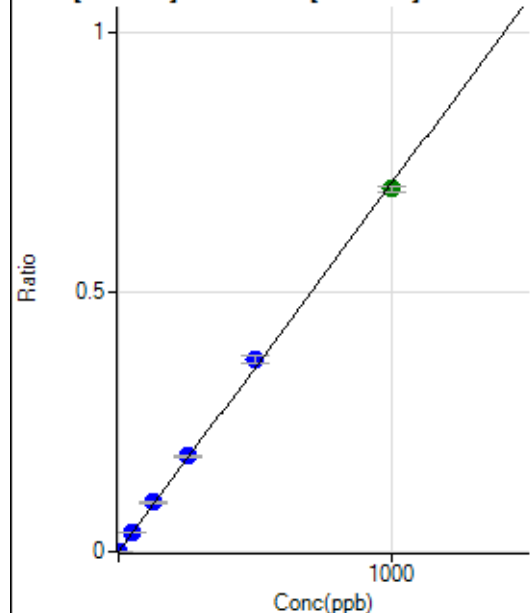


Batch Folder: D:\P8101618 MS.b\
Analysis File: P8101618 MS.batch.bin
DA Date-Time: 2018-10-16 19:06:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-16 12:22:14
2			
3	005CALS.d	S02	2018-10-16 12:28:57
4	006CALS.d	S03	2018-10-16 12:33:04
5	007CALS.d	S04	2018-10-16 12:36:46
6	008CALS.d	S05	2018-10-16 12:40:20
7	009CALS.d	S06	2018-10-16 12:43:50
8	010CALS.d	S07	2018-10-16 12:47:16
9	011CALS.d	S08	2018-10-16 12:50:38

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0000	P	48.0
2	☐	0.100					
3	☐	1.000	1.088	1463.08	0.0008	P	7.0
4	☐	50.000	52.828	68600.33	0.0375	P	0.5
5	☐	125.000	135.567	169905.67	0.0962	P	4.0
6	☐	250.000	258.514	330830.80	0.1834	P	0.9
7	☐	500.000	521.970	635172.27	0.3702	P	4.0
8	☐	1000.000	985.424	1192546.28	0.6990	A	1.3
9	☐			774.12	0.0005	P	19.1

$$y = 7.0926\text{E-}004 * x + 2.8871\text{E-}005$$

$$R = 0.9996$$

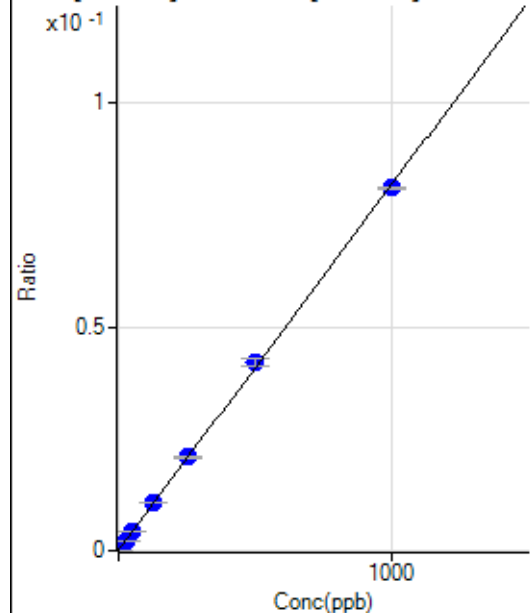
$$DL = 0.05864$$

$$BEC = 0.04071$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0001	P	27.6
2	☐	2.500					
3	☐	25.000	26.113	4036.85	0.0022	P	3.8
4	☐	50.000	51.679	7869.16	0.0043	P	3.5
5	☐	125.000	130.758	19038.28	0.0108	P	3.3
6	☐	250.000	254.585	37692.14	0.0209	P	2.2
7	☐	500.000	513.024	72092.69	0.0420	P	4.1
8	☐	1000.000	991.510	138460.08	0.0811	P	0.8
9	☐			6532.32	0.0038	P	9.5

$$y = 8.1765\text{E-}005 * x + 7.5675\text{E-}005$$

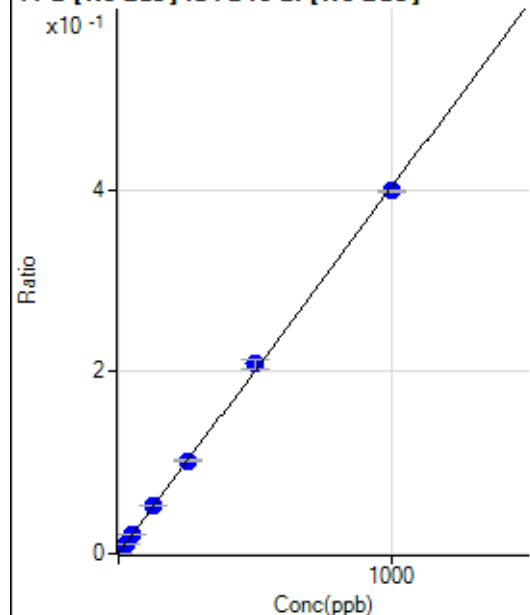
$$R = 0.9999$$

$$DL = 0.7658$$

$$BEC = 0.9255$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	641.71	0.0004	P	2.9
2	☐	2.500					
3	☐	25.000	25.111	19124.53	0.0105	P	2.4
4	☐	50.000	50.890	38154.47	0.0209	P	1.7
5	☐	125.000	131.199	94029.69	0.0532	P	1.7
6	☐	250.000	252.753	184308.96	0.1022	P	1.5
7	☐	500.000	516.737	357628.25	0.2085	P	4.6
8	☐	1000.000	990.121	681077.06	0.3992	P	0.5
9	☐			30636.52	0.0179	P	8.9

$$y = 4.0279\text{E-}004 * x + 3.5732\text{E-}004$$

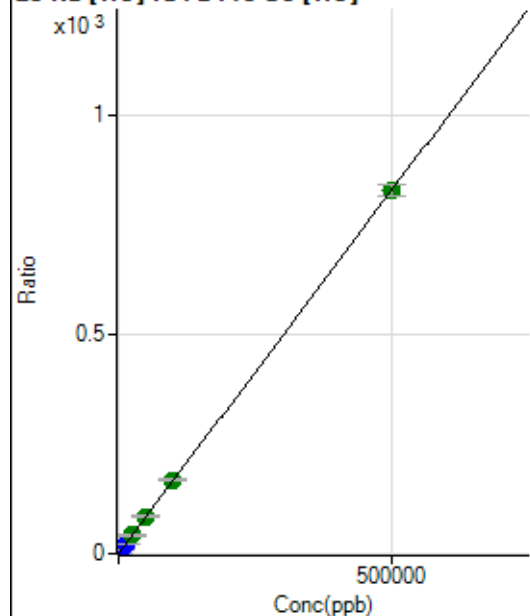
$$R = 0.9998$$

$$DL = 0.07805$$

$$BEC = 0.8871$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5317.93	0.1232	P	1.4
2	☐	50.000					
3	☐	500.000	509.925	40664.57	0.9678	P	5.0
4	☐	5000.000	5052.347	357129.09	8.4913	P	1.4
5	☐	12500.000	12580.246	864254.86	20.9594	P	1.8
6	☐	25000.000	25368.804	1637949.49	42.1407	A	3.2
7	☐	50000.000	51196.591	3014961.83	84.9183	A	1.7
8	☐	100000.00	101278.20	5595753.86	167.8668	A	1.7
9	☐	500000.00	499603.72	31541482.30	827.5993	A	3.3

$$y = 0.0017 * x + 0.1232$$

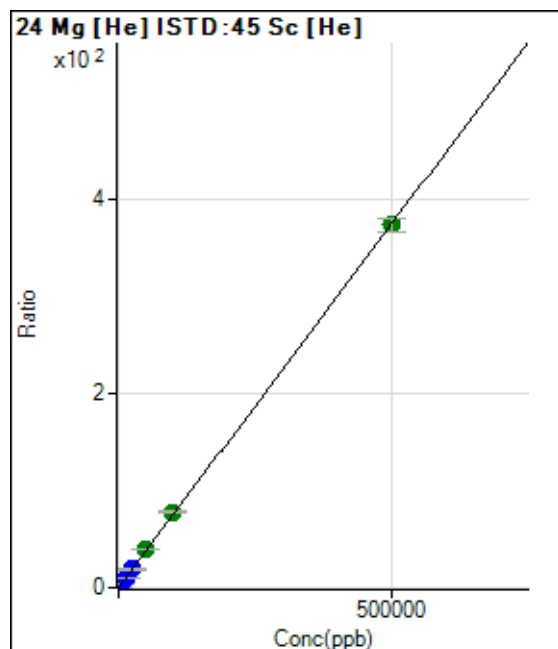
$$R = 1.0000$$

$$DL = 3.075$$

$$BEC = 74.4$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.02	0.0081	P	23.3
2	☐	50.000					
3	☐	500.000	518.123	16696.60	0.3969	P	2.2
4	☐	5000.000	5117.144	161844.46	3.8483	P	1.8
5	☐	12500.000	12663.578	392202.46	9.5116	P	2.0
6	☐	25000.000	25262.077	737102.12	18.9663	P	4.0
7	☐	50000.000	52554.592	1400543.79	39.4483	A	2.2
8	☐	100000.00	104087.06	2604245.61	78.1213	A	1.3
9	☐	500000.00	498908.74	14268334.00	374.4194	A	3.9

$$y = 7.5046\text{E-}004 * x + 0.0081$$

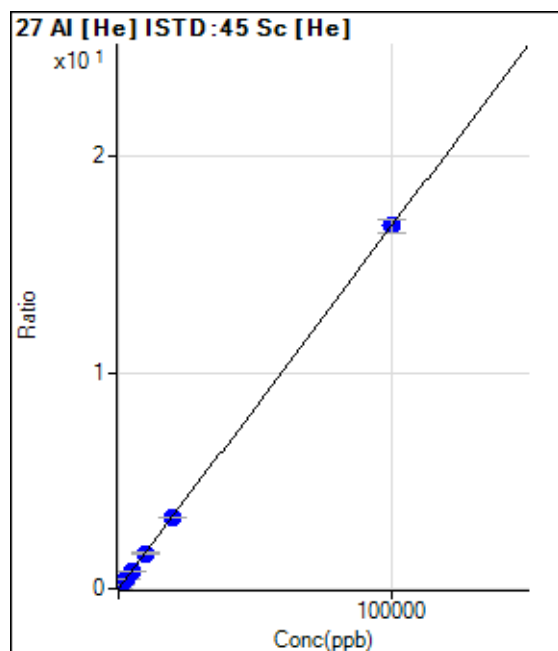
$$R = 1.0000$$

$$DL = 7.57$$

$$BEC = 10.82$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.17	0.0002	P	41.3
2	☐	2.000					
3	☐	20.000	22.442	165.88	0.0040	P	24.6
4	☐	1000.000	1000.218	7059.43	0.1679	P	2.8
5	☐	2500.000	2427.962	16789.21	0.4071	P	1.6
6	☐	5000.000	4886.338	31843.56	0.8192	P	3.1
7	☐	10000.000	9800.321	58324.03	1.6428	P	2.2
8	☐	20000.000	19706.961	110111.36	3.3032	P	1.5
9	☐	100000.00	100086.05	639288.56	16.7750	P	3.7

$$y = 1.6760\text{E-}004 * x + 2.1200\text{E-}004$$

$$R = 1.0000$$

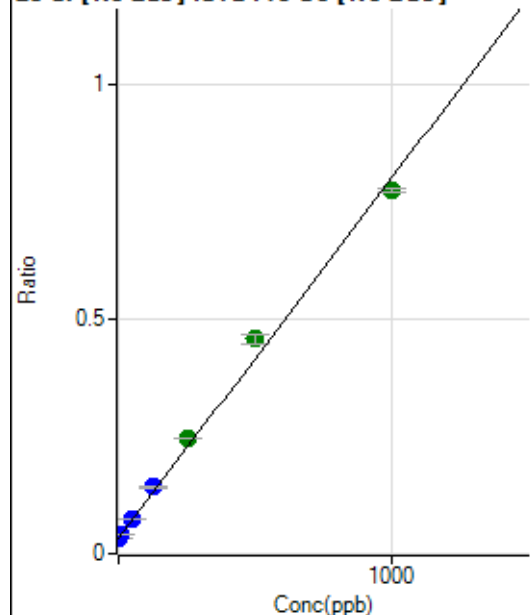
$$DL = 1.567$$

$$BEC = 1.265$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183950.64	0.0325	P	9.0
2	☐	1.000					
3	☐	10.000	12.554	242022.11	0.0421	P	1.5
4	☐	50.000	54.060	420282.21	0.0741	P	1.9
5	☐	125.000	143.109	783259.54	0.1426	P	2.8
6	☐	250.000	275.774	1345845.86	0.2447	A	0.1
7	☐	500.000	552.858	2318115.76	0.4579	A	4.6
8	☐	1000.000	964.636	3803683.42	0.7748	A	1.2
9	☐			502441.26	0.0977	P	2.4

$$y = 7.6957\text{E-}004 * x + 0.0325$$

$$R = 0.9974$$

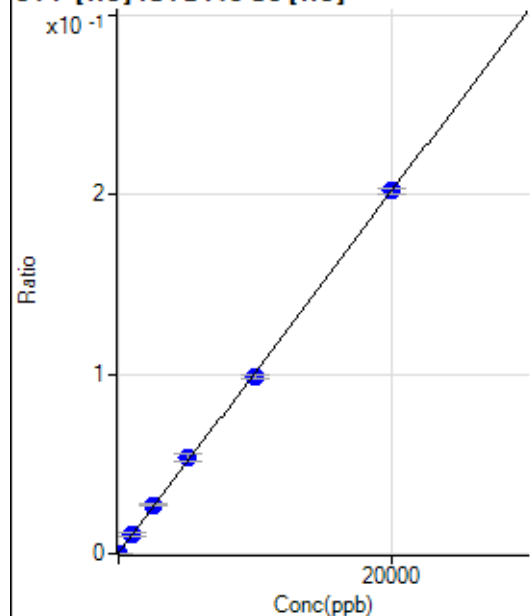
$$DL = 11.44$$

$$BEC = 42.18$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-6.960	8.33	0.0002	P	1.3
2	☐	0.000					
3	☐	0.000	6.960	13.89	0.0003	P	37.4
4	☐	1000.000	1071.310	463.92	0.0110	P	20.6
5	☐	2500.000	2669.534	1119.55	0.0271	P	5.2
6	☐	5000.000	5279.429	2075.26	0.0534	P	8.7
7	☐	10000.000	9758.328	3497.81	0.0985	P	2.3
8	☐	20000.000	20026.221	6729.69	0.2019	P	1.4
9	☐			13.89	0.0004	P	69.2

$$y = 1.0067\text{E-}005 * x + 2.6313\text{E-}004$$

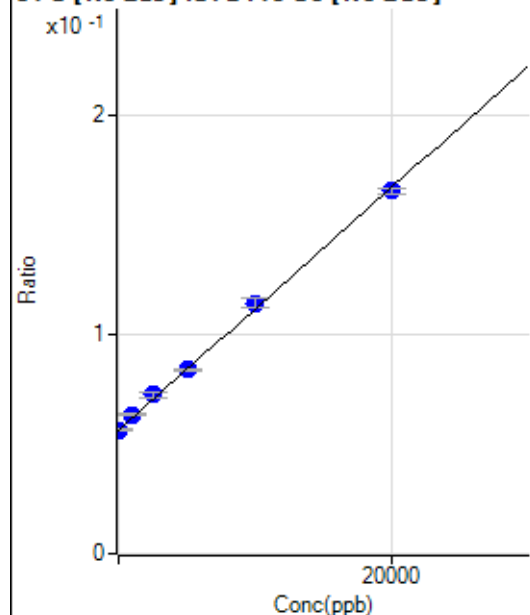
$$R = 0.9998$$

$$DL = 18.93$$

$$BEC = 26.14$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-28.439	319129.12	0.0563	P	0.6
2	☐	0.000					
3	☐	0.000	28.439	325407.04	0.0566	P	1.1
4	☐	1000.000	1266.803	360364.01	0.0635	P	1.1
5	☐	2500.000	2898.849	398477.46	0.0725	P	3.3
6	☐	5000.000	4998.644	463081.01	0.0842	P	1.1
7	☐	10000.000	10467.951	579894.37	0.1145	P	4.1
8	☐	20000.000	19703.167	813656.37	0.1657	P	1.3
9	☐			278994.48	0.0543	P	0.9

$$y = 5.5460\text{E-}006 * x + 0.0565$$

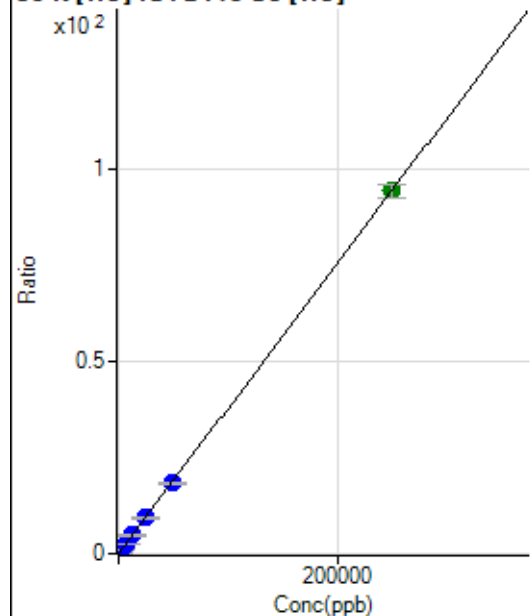
$$R = 0.9994$$

$$DL = 262.3$$

$$BEC = 1.018\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1914.11	0.0444	P	3.4
2	☐	50.000					
3	☐	500.000	524.943	10184.68	0.2425	P	7.2
4	☐	2500.000	2589.811	42980.59	1.0219	P	1.4
5	☐	6250.000	6367.202	100940.78	2.4478	P	1.2
6	☐	12500.000	12521.954	185442.68	4.7710	P	4.2
7	☐	25000.000	24498.030	329894.56	9.2917	P	1.8
8	☐	50000.000	48737.161	614726.93	18.4413	P	1.9
9	☐	250000.00	250297.78	3602476.91	94.5249	A	3.6

$$y = 3.7747\text{E-}004 * x + 0.0444$$

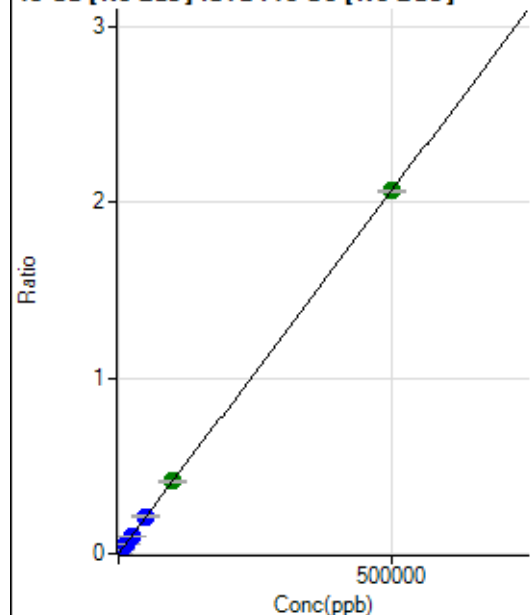
$$R = 1.0000$$

$$DL = 11.95$$

$$BEC = 117.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0001	P	9.6
2	☐	50.000					
3	☐	500.000	477.537	11633.10	0.0020	P	2.5
4	☐	5000.000	5014.643	117878.53	0.0208	P	1.7
5	☐	12500.000	12759.520	289835.49	0.0528	P	3.8
6	☐	25000.000	24760.433	563016.39	0.1024	P	0.3
7	☐	50000.000	51208.595	1071470.96	0.2116	P	4.4
8	☐	100000.00	99501.681	2018631.45	0.4112	A	0.7
9	☐	500000.00	499984.17	10619020.03	2.0660	A	0.7

$$y = 4.1320E-006 * x + 5.0959E-005$$

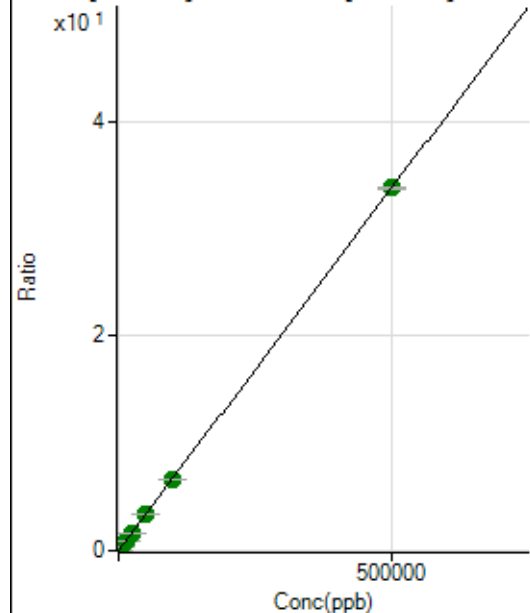
$$R = 1.0000$$

$$DL = 3.54$$

$$BEC = 12.33$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9995.80	0.0018	P	0.7
2	☐	50.000					
3	☐	500.000	477.268	195241.43	0.0340	P	0.5
4	☐	5000.000	5047.643	1943512.37	0.3424	A	0.9
5	☐	12500.000	12727.931	4727640.95	0.8608	A	3.7
6	☐	25000.000	24509.521	9108366.52	1.6560	A	0.1
7	☐	50000.000	50493.468	17263267.40	3.4097	A	4.2
8	☐	100000.00	97730.421	32389577.81	6.5978	A	1.1
9	☐	500000.00	500422.94	173610524.7	33.7764	A	0.5

$$y = 6.7492E-005 * x + 0.0018$$

$$R = 1.0000$$

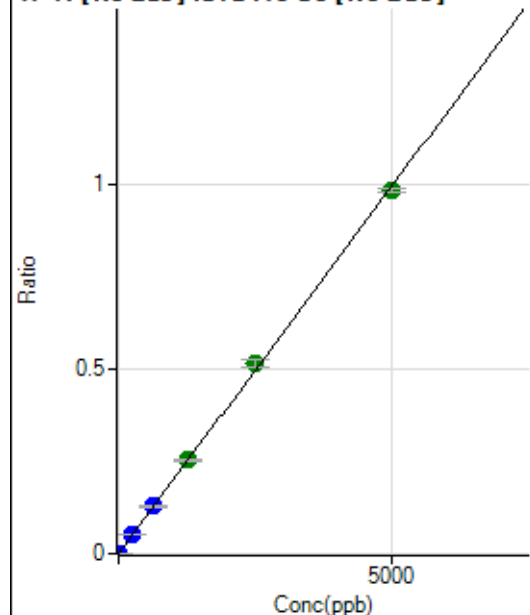
$$DL = 0.5619$$

$$BEC = 26.13$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	36.5
2	☐	0.500					
3	☐	5.000	5.053	5854.26	0.0010	P	1.4
4	☐	250.000	252.208	284214.66	0.0501	P	1.9
5	☐	625.000	644.762	703065.53	0.1280	P	3.5
6	☐	1250.000	1272.066	1389019.46	0.2525	A	0.7
7	☐	2500.000	2599.316	2612612.71	0.5160	A	4.4
8	☐	5000.000	4942.245	4816515.78	0.9811	A	1.2
9	☐			1702.97	0.0003	P	9.4

$$y = 1.9851\text{E-}004 * x + 1.5722\text{E-}005$$

$$R = 0.9997$$

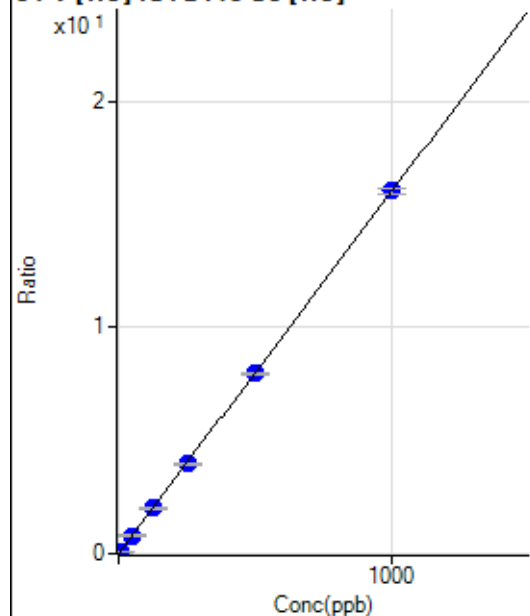
$$DL = 0.08682$$

$$BEC = 0.0792$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0002	P	66.5
2	☐	0.500					
3	☐	5.000	5.115	3447.15	0.0821	P	5.8
4	☐	50.000	50.368	33922.37	0.8065	P	0.8
5	☐	125.000	124.899	82447.61	1.9997	P	2.7
6	☐	250.000	248.243	154485.93	3.9743	P	3.0
7	☐	500.000	496.768	282363.09	7.9529	P	1.6
8	☐	1000.000	1002.049	534766.81	16.0419	P	1.4
9	☐			377.79	0.0099	P	9.7

$$y = 0.0160 * x + 1.8124\text{E-}004$$

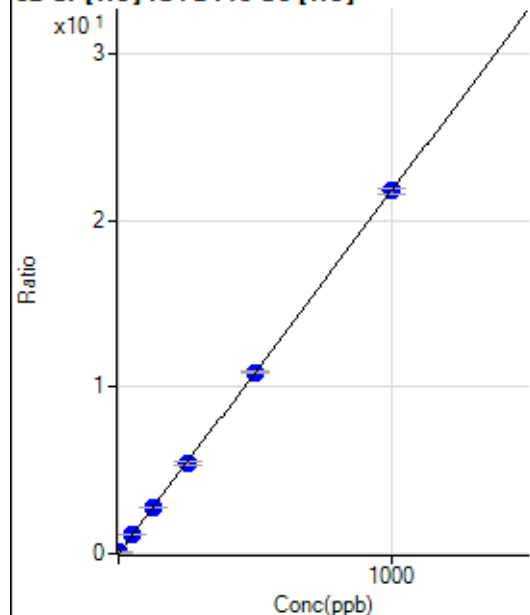
$$R = 1.0000$$

$$DL = 0.02259$$

$$BEC = 0.01132$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.68	0.0090	P	7.2
2	☐	0.200					
3	☐	2.000	2.299	2479.15	0.0590	P	4.5
4	☐	50.000	50.187	46310.92	1.1011	P	0.7
5	☐	125.000	126.404	113794.43	2.7596	P	1.6
6	☐	250.000	248.285	210330.96	5.4119	P	3.8
7	☐	500.000	499.789	386466.56	10.8848	P	1.2
8	☐	1000.000	1000.349	725935.78	21.7774	P	1.7
9	☐			44498.39	1.1677	P	4.1

$$y = 0.0218 * x + 0.0090$$

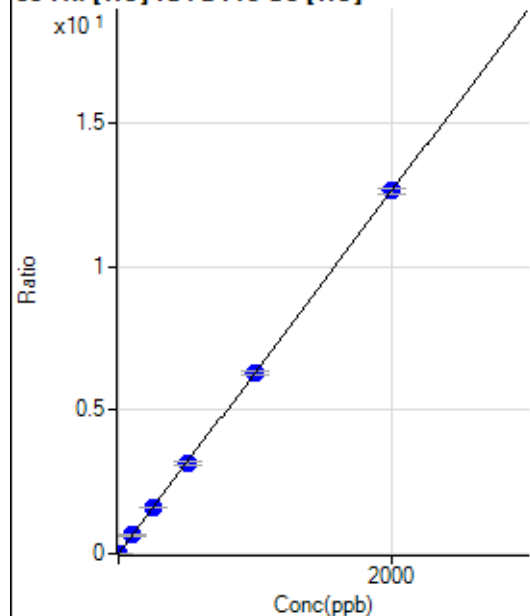
$$R = 1.0000$$

$$DL = 0.08902$$

$$BEC = 0.4116$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0007	P	5.7
2	☐	0.100					
3	☐	1.000	1.081	315.57	0.0075	P	10.9
4	☐	100.000	100.673	26785.87	0.6369	P	1.2
5	☐	250.000	252.140	65729.29	1.5940	P	1.8
6	☐	500.000	497.852	122290.29	3.1468	P	4.2
7	☐	1000.000	998.908	224136.67	6.3131	P	2.2
8	☐	2000.000	2000.782	421495.53	12.6443	P	1.6
9	☐			3703.88	0.0972	P	2.0

$$y = 0.0063 * x + 6.6927E-004$$

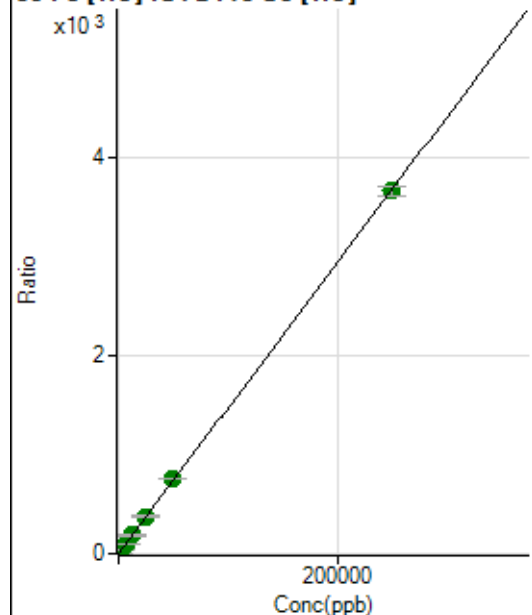
$$R = 1.0000$$

$$DL = 0.01802$$

$$BEC = 0.1059$$

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	961.18	0.0223	P	5.4
2	☐	5.000					
3	☐	50.000	53.007	33615.04	0.8001	P	5.4
4	☐	2500.000	2626.571	1621947.38	38.5664	A	1.7
5	☐	6250.000	6499.790	3934173.29	95.4047	A	1.4
6	☐	12500.000	12654.036	7217864.34	185.7165	A	3.7
7	☐	25000.000	25667.833	13374149.49	376.6901	A	1.7
8	☐	50000.000	51553.651	25219690.15	756.5567	A	1.6
9	☐	250000.00	249607.27	139614348.4	3,662.934	A	2.9

$$y = 0.0147 * x + 0.0223$$

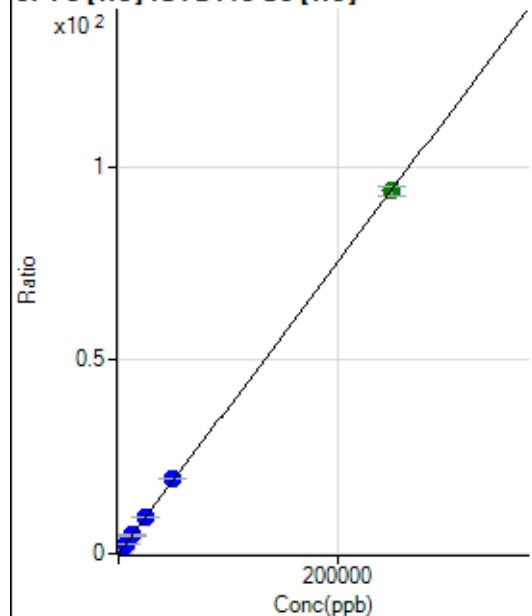
$$R = 1.0000$$

$$DL = 0.2475$$

$$BEC = 1.518$$

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	24.07	0.0006	P	13.5
2	☐	5.000					
3	☐	50.000	54.746	888.95	0.0211	P	13.2
4	☐	2500.000	2557.002	40397.82	0.9604	P	0.5
5	☐	6250.000	6374.046	98686.06	2.3932	P	1.4
6	☐	12500.000	12757.702	186117.90	4.7894	P	4.3
7	☐	25000.000	25546.493	340484.39	9.5898	P	1.4
8	☐	50000.000	51572.859	645327.07	19.3593	P	1.8
9	☐	250000.00	249614.22	3571344.00	93.6973	A	3.0

$$y = 3.7537E-004 * x + 5.5801E-004$$

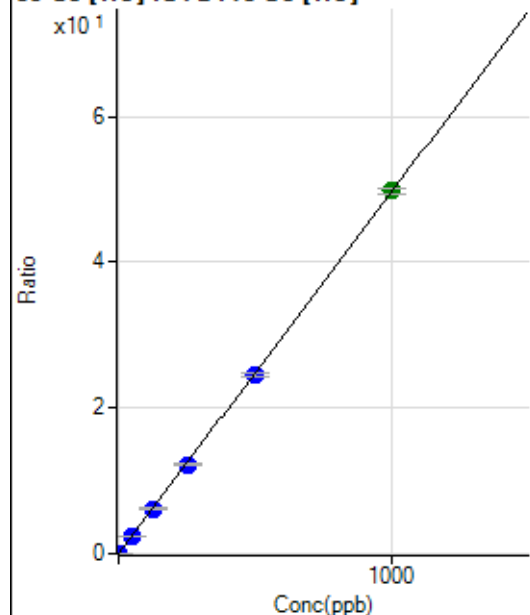
$$R = 1.0000$$

$$DL = 0.6021$$

$$BEC = 1.487$$

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	48.89	0.0011	P	54.4
2	☐	0.100					
3	☐	1.000	1.077	2291.34	0.0546	P	7.4
4	☐	50.000	50.057	104520.32	2.4850	P	1.0
5	☐	125.000	124.511	254806.03	6.1796	P	2.0
6	☐	250.000	246.954	476320.43	12.2554	P	3.6
7	☐	500.000	494.863	871892.46	24.5571	P	1.4
8	☐	1000.000	1003.388	1659784.92	49.7910	A	1.7
9	☐			23289.69	0.6110	P	2.5

$$y = 0.0496 * x + 0.0011$$

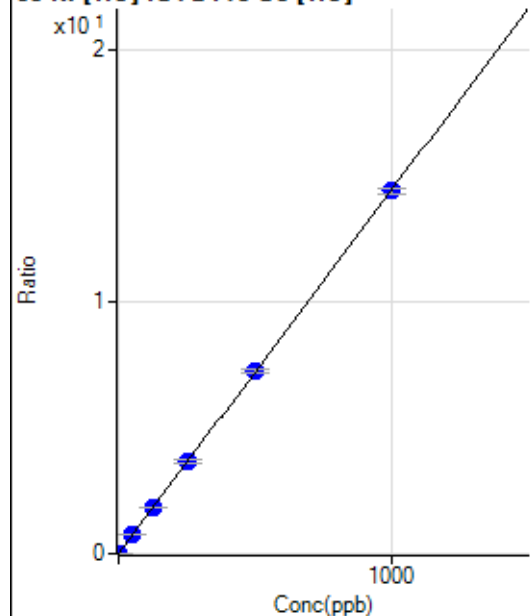
$$R = 1.0000$$

$$DL = 0.03719$$

$$BEC = 0.02278$$

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	262.23	0.0061	P	13.0
2	☐	0.100					
3	☐	1.000	1.149	950.05	0.0227	P	13.3
4	☐	50.000	51.579	31577.12	0.7507	P	0.6
5	☐	125.000	126.189	75372.47	1.8278	P	1.6
6	☐	250.000	252.120	141692.80	3.6459	P	3.8
7	☐	500.000	502.417	257741.45	7.2594	P	1.6
8	☐	1000.000	998.034	480526.36	14.4146	P	1.2
9	☐			23421.05	0.6144	P	3.2

$$y = 0.0144 * x + 0.0061$$

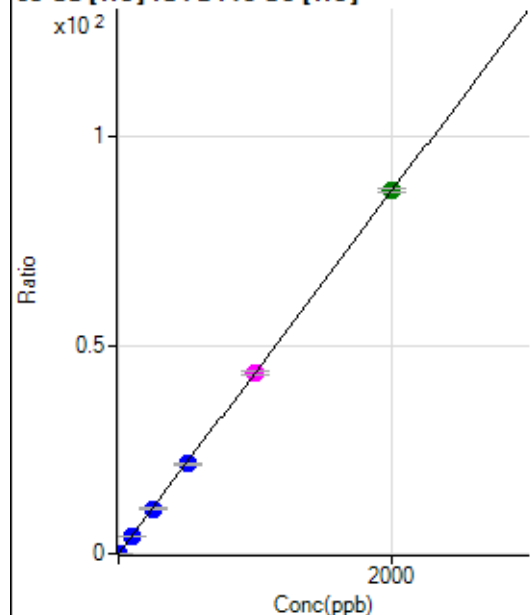
$$R = 1.0000$$

$$DL = 0.1639$$

$$BEC = 0.4206$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307.79	0.0071	P	7.9
2	☐	0.200					
3	☐	2.000	2.069	4081.77	0.0971	P	3.6
4	☐	100.000	99.946	183047.69	4.3523	P	1.2
5	☐	250.000	247.683	444307.73	10.7751	P	1.8
6	☐	500.000	494.591	835987.92	21.5093	P	3.5
7	☐	1000.000	998.960	1542162.83	43.4366	M	2.0
8	☐	2000.000	2002.164	2902035.27	87.0506	A	1.0
9	☐			7756.73	0.2035	P	3.3

$$y = 0.0435 * x + 0.0071$$

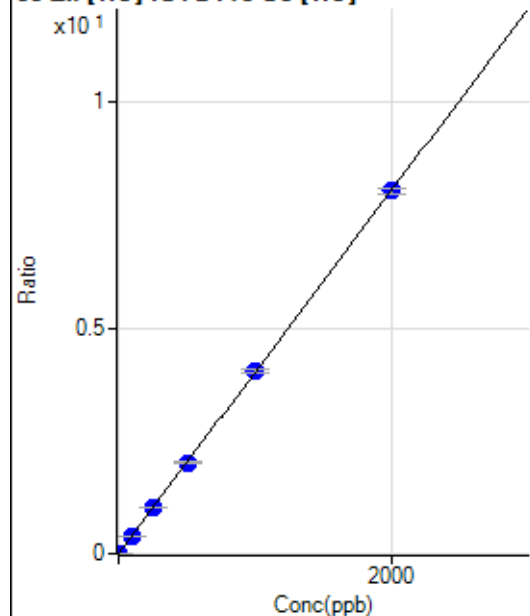
$$R = 1.0000$$

$$DL = 0.0387$$

$$BEC = 0.164$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0016	P	15.3
2	☐	0.200					
3	☐	2.000	2.215	441.13	0.0105	P	5.2
4	☐	100.000	99.287	16867.10	0.4010	P	1.3
5	☐	250.000	251.792	41845.29	1.0146	P	0.8
6	☐	500.000	500.370	78315.13	2.0148	P	3.2
7	☐	1000.000	1004.717	143576.58	4.0439	P	1.8
8	☐	2000.000	1997.360	267930.63	8.0377	P	1.8
9	☐			2438.04	0.0640	P	7.1

$$y = 0.0040 * x + 0.0016$$

$$R = 1.0000$$

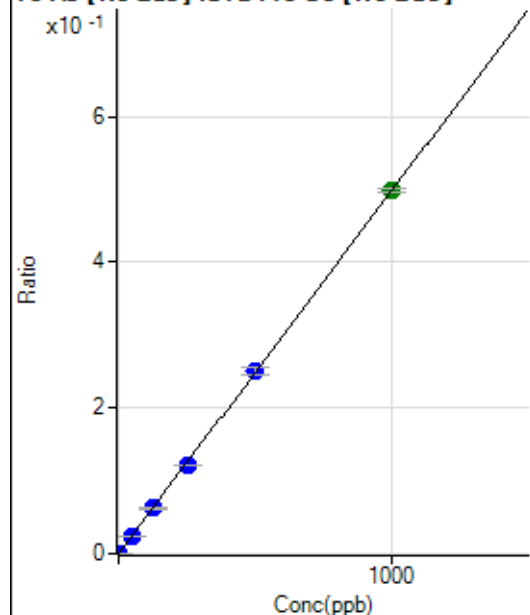
$$DL = 0.1792$$

$$BEC = 0.3909$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	42.7
2	☐	0.100					
3	☐	1.000	0.979	2883.77	0.0005	P	2.9
4	☐	50.000	48.628	137379.62	0.0242	P	1.7
5	☐	125.000	125.420	342827.31	0.0624	P	3.1
6	☐	250.000	242.395	663402.39	0.1206	P	0.1
7	☐	500.000	503.013	1267177.29	0.2503	P	4.1
8	☐	1000.000	1000.411	2443477.48	0.4977	A	1.1
9	☐			4292.54	0.0008	P	10.8

$$y = 4.9752E-004 * x + 1.4674E-005$$

$$R = 1.0000$$

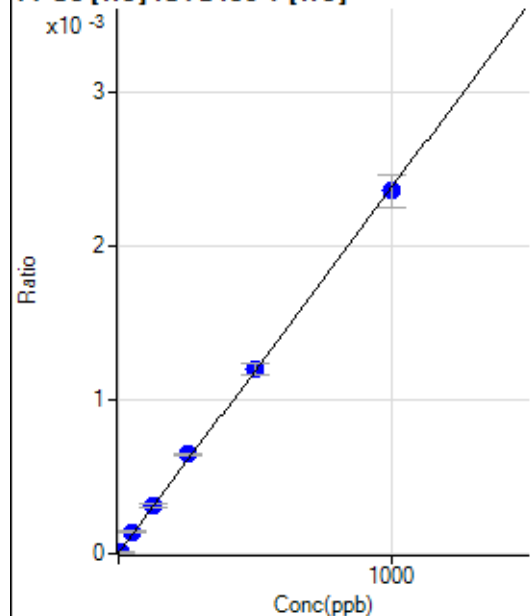
$$DL = 0.03777$$

$$BEC = 0.02949$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	1.495	2.22	0.0000	P	86.8
4	☐	50.000	58.345	45.56	0.0001	P	10.0
5	☐	125.000	129.312	97.78	0.0003	P	9.4
6	☐	250.000	269.814	194.45	0.0006	P	0.3
7	☐	500.000	505.300	334.46	0.0012	P	6.5
8	☐	1000.000	991.458	623.36	0.0024	P	8.8
9	☐			1.11	0.0000	P	173.2

$$y = 2.3777E-006 * x + 3.4886E-006$$

$$R = 0.9997$$

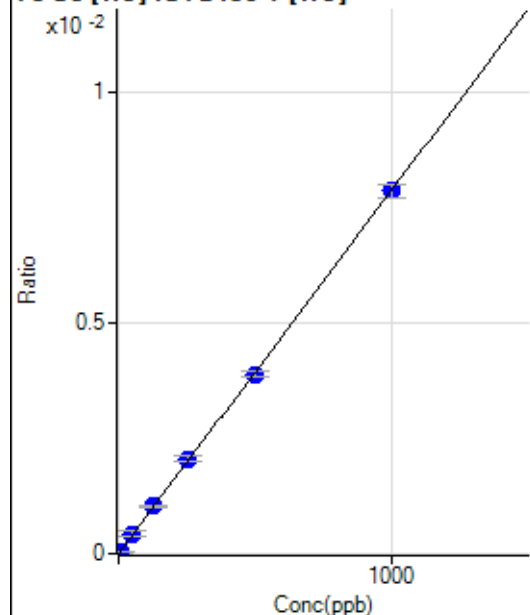
$$DL = 7.624$$

$$BEC = 1.467$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.680	14.81	0.0000	P	9.0
4	☐	50.000	55.195	139.51	0.0004	P	24.5
5	☐	125.000	131.205	324.70	0.0010	P	5.3
6	☐	250.000	261.379	619.77	0.0021	P	7.1
7	☐	500.000	494.709	1079.68	0.0039	P	2.5
8	☐	1000.000	998.762	2072.40	0.0078	P	3.6
9	☐			3.08	0.0000	P	36.1

$$y = 7.8553\text{E-}006 * x + 1.9381\text{E-}006$$

$$R = 0.9999$$

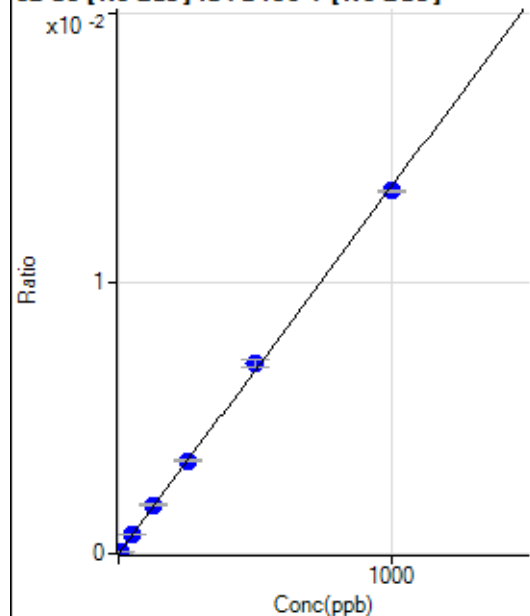
$$DL = 1.282$$

$$BEC = 0.2467$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-12.14	0.0000	P	-197.
2	☐	0.500					
3	☐	5.000	5.119	745.02	0.0001	P	9.3
4	☐	50.000	50.796	7471.20	0.0007	P	0.5
5	☐	125.000	131.970	18875.73	0.0018	P	4.9
6	☐	250.000	253.188	36882.91	0.0034	P	1.6
7	☐	500.000	519.356	71267.07	0.0070	P	4.6
8	☐	1000.000	988.613	134439.37	0.0134	P	0.8
9	☐			85.06	0.0000	P	20.6

$$y = 1.3571\text{E-}005 * x - 1.1299\text{E-}006$$

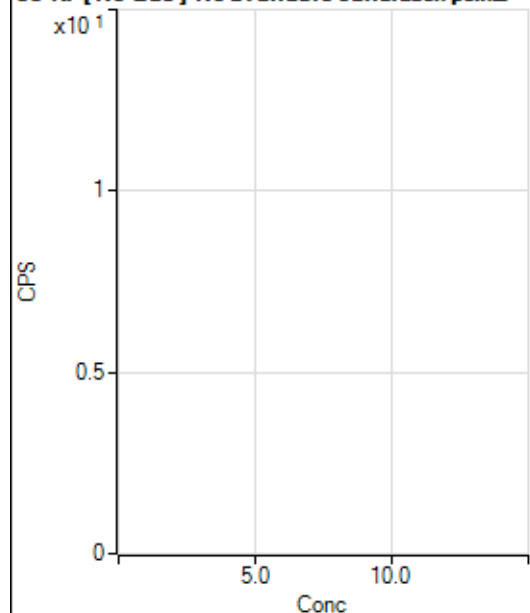
$$R = 0.9997$$

$$DL = 0.4942$$

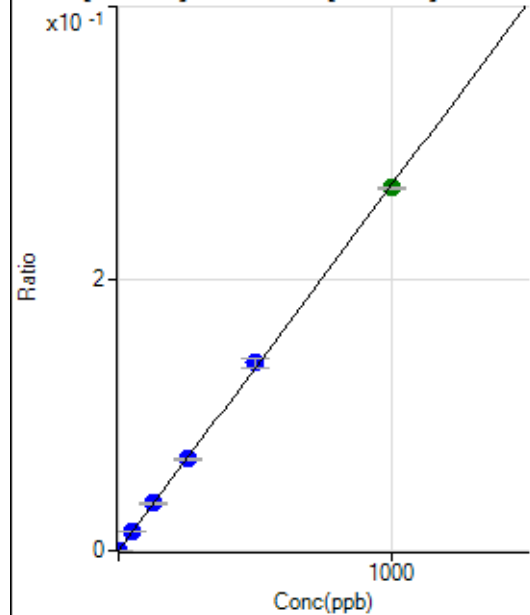
$$BEC = -0.08326$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			394.46		P	1.0
2	☐						
3	☐			401.13		P	11.5
4	☐			394.46		P	5.2
5	☐			353.35		P	9.0
6	☐			383.35		P	3.8
7	☐			360.01		P	3.2
8	☐			335.56		P	3.2
9	☐			387.79		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	683.38	0.0001	P	8.2
2	☐	0.100					
3	☐	1.000	1.004	3633.98	0.0003	P	3.8
4	☐	50.000	50.300	147483.24	0.0136	P	1.8
5	☐	125.000	130.221	370016.43	0.0351	P	3.4
6	☐	250.000	249.722	721600.69	0.0672	P	0.9
7	☐	500.000	513.644	1396959.05	0.1382	P	5.1
8	☐	1000.000	992.580	2674848.26	0.2669	A	0.5
9	☐			13459.92	0.0013	P	2.8

$$y = 2.6884\text{E-}004 * x + 6.3583\text{E-}005$$

$$R = 0.9999$$

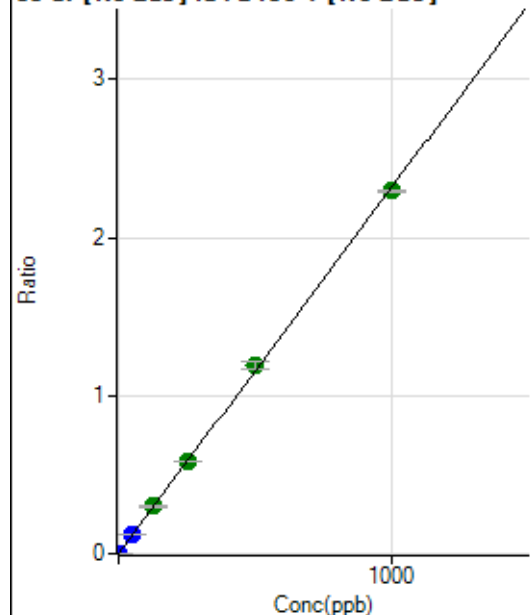
$$DL = 0.05822$$

$$BEC = 0.2365$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0000	P	26.8
2	☐	0.100					
3	☐	1.000	1.016	25747.46	0.0024	P	1.4
4	☐	50.000	50.835	1277153.02	0.1176	P	1.1
5	☐	125.000	131.127	3201132.99	0.3034	A	3.8
6	☐	250.000	250.608	6227577.61	0.5799	A	0.8
7	☐	500.000	515.263	12057630.83	1.1923	A	4.9
8	☐	1000.000	991.409	22991303.98	2.2942	A	0.6
9	☐			113580.86	0.0112	P	1.4

$$y = 0.0023 * x + 1.2157E-005$$

$$R = 0.9998$$

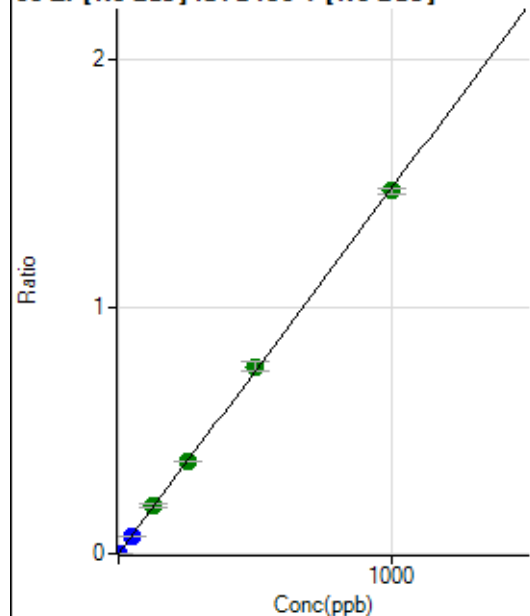
$$DL = 0.004226$$

$$BEC = 0.005254$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	855.63	0.0001	P	3.7
2	☐	0.100					
3	☐	1.000	0.919	15695.81	0.0014	P	1.8
4	☐	50.000	49.431	795056.33	0.0732	P	1.4
5	☐	125.000	131.885	2059647.96	0.1953	A	4.5
6	☐	250.000	251.897	4004370.06	0.3729	A	0.9
7	☐	500.000	511.073	7649571.18	0.7565	A	5.1
8	☐	1000.000	993.157	14731251.37	1.4700	A	1.6
9	☐			7288.45	0.0007	P	1.6

$$y = 0.0015 * x + 7.9624E-005$$

$$R = 0.9999$$

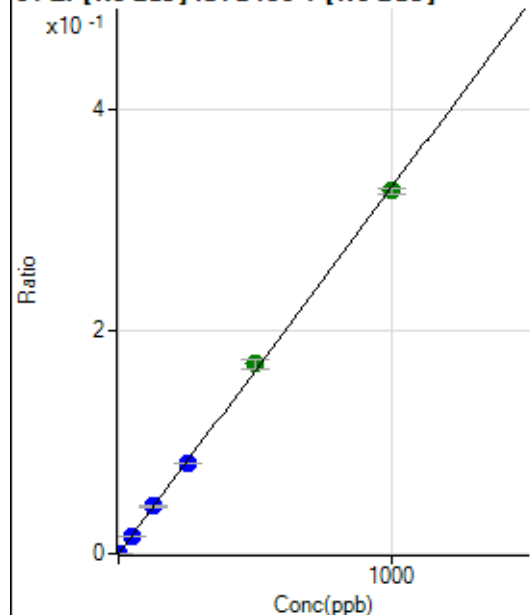
$$DL = 0.005893$$

$$BEC = 0.0538$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	20.3
2	☐	0.100					
3	☐	1.000	0.936	3578.44	0.0003	P	5.6
4	☐	50.000	49.182	176004.26	0.0162	P	0.2
5	☐	125.000	128.619	446885.63	0.0424	P	4.1
6	☐	250.000	247.787	876240.66	0.0816	P	0.9
7	☐	500.000	518.575	1726691.86	0.1708	A	4.9
8	☐	1000.000	990.854	3269343.00	0.3262	A	1.5
9	☐			1475.14	0.0001	P	2.6

$$y = 3.2923\text{E-}004 * x + 2.0175\text{E-}005$$

$$R = 0.9997$$

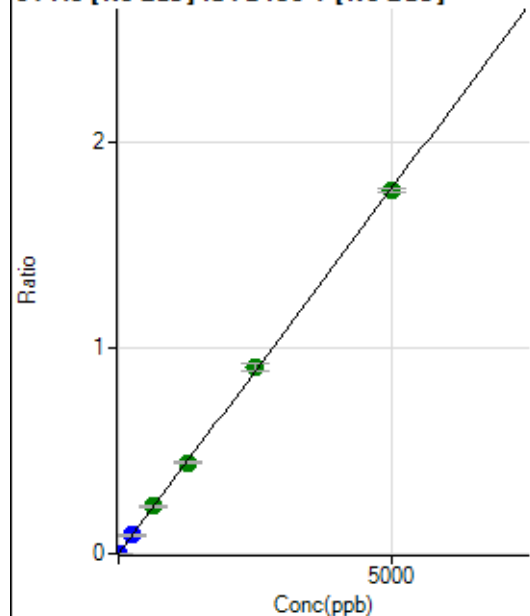
$$DL = 0.03736$$

$$BEC = 0.06128$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.80	0.0000	P	6.7
2	☐	0.500					
3	☐	5.000	4.751	18844.35	0.0017	P	4.2
4	☐	250.000	250.103	965799.25	0.0890	P	0.6
5	☐	625.000	653.047	2449373.43	0.2322	A	4.6
6	☐	1250.000	1249.517	4771053.88	0.4443	A	1.2
7	☐	2500.000	2558.452	9200120.17	0.9097	A	4.7
8	☐	5000.000	4967.384	17699779.56	1.7662	A	1.2
9	☐			26515.65	0.0026	P	1.5

$$y = 3.5555\text{E-}004 * x + 3.9808\text{E-}005$$

$$R = 0.9999$$

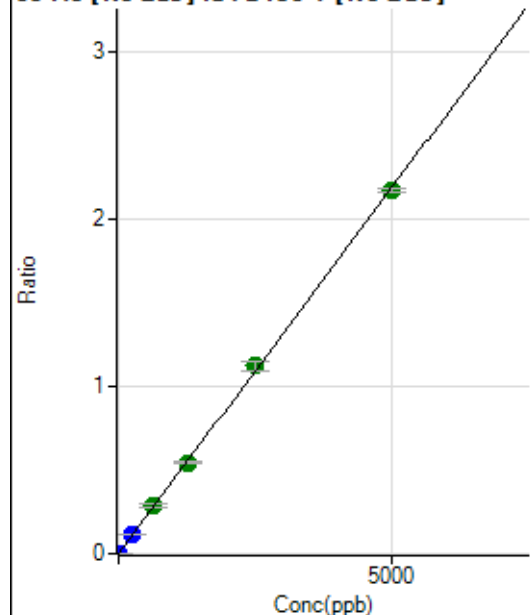
$$DL = 0.0224$$

$$BEC = 0.112$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	95.8
2	☐	0.500					
3	☐	5.000	5.063	24208.51	0.0022	P	0.8
4	☐	250.000	250.950	1191512.32	0.1098	P	0.7
5	☐	625.000	656.707	3029014.80	0.2872	A	4.9
6	☐	1250.000	1246.646	5854692.97	0.5452	A	0.7
7	☐	2500.000	2571.701	11371748.78	1.1247	A	5.4
8	☐	5000.000	4960.977	21742688.33	2.1696	A	1.0
9	☐			42459.09	0.0042	P	3.9

$$y = 4.3734\text{E-}004 * x + 6.7028\text{E-}006$$

$$R = 0.9998$$

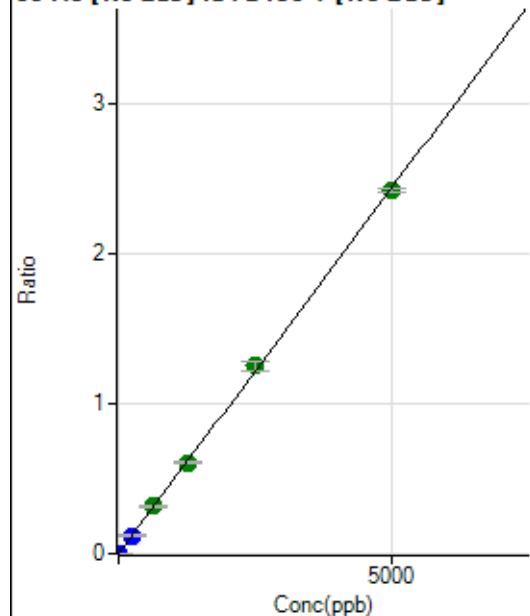
$$DL = 0.04404$$

$$BEC = 0.01533$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0000	P	20.8
2	☐	0.500					
3	☐	5.000	4.933	26290.29	0.0024	P	1.9
4	☐	250.000	249.271	1316063.06	0.1212	P	0.9
5	☐	625.000	654.031	3355355.02	0.3181	A	3.7
6	☐	1250.000	1241.844	6484707.39	0.6039	A	1.5
7	☐	2500.000	2568.043	12627620.77	1.2488	A	5.1
8	☐	5000.000	4964.425	24193088.39	2.4141	A	1.0
9	☐			47731.96	0.0047	P	2.5

$$y = 4.8628\text{E-}004 * x + 1.3192\text{E-}005$$

$$R = 0.9998$$

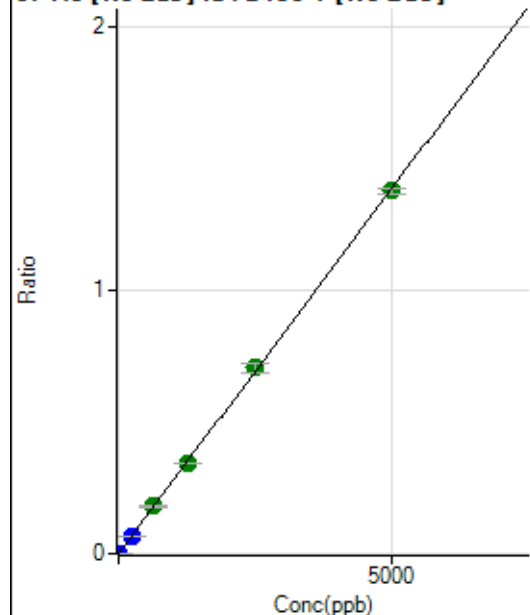
$$DL = 0.01693$$

$$BEC = 0.02713$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.889	14847.73	0.0014	P	0.9
4	☐	250.000	245.246	736419.68	0.0678	P	1.2
5	☐	625.000	653.133	1905857.16	0.1806	A	3.4
6	☐	1250.000	1239.443	3681017.49	0.3428	A	1.2
7	☐	2500.000	2550.901	7134482.71	0.7055	A	4.9
8	☐	5000.000	4973.910	13785518.36	1.3756	A	1.4
9	☐			26084.42	0.0026	P	1.5

$$y = 2.7657E-004 * x + 1.0077E-005$$

$$R = 0.9999$$

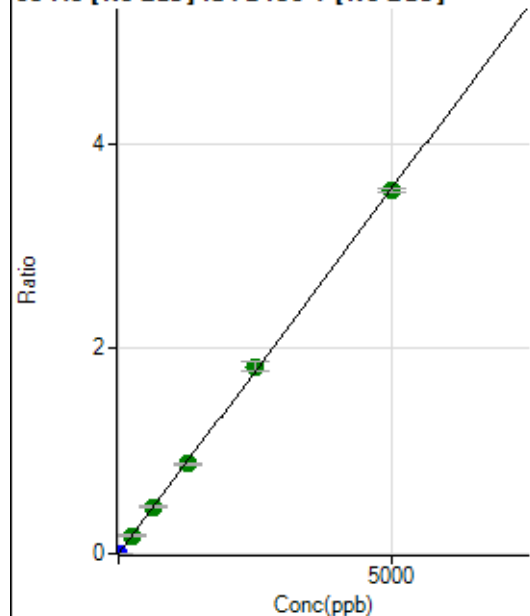
$$DL = 0.02194$$

$$BEC = 0.03644$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	14.3
2	☐	0.500					
3	☐	5.000	4.973	38775.98	0.0036	P	1.4
4	☐	250.000	249.651	1930773.31	0.1779	A	1.3
5	☐	625.000	643.603	4836549.20	0.4585	A	4.0
6	☐	1250.000	1228.114	9394956.46	0.8749	A	0.9
7	☐	2500.000	2562.726	18459028.37	1.8256	A	5.3
8	☐	5000.000	4971.801	35493558.78	3.5418	A	1.2
9	☐			68641.03	0.0067	P	2.4

$$y = 7.1237E-004 * x + 1.4741E-005$$

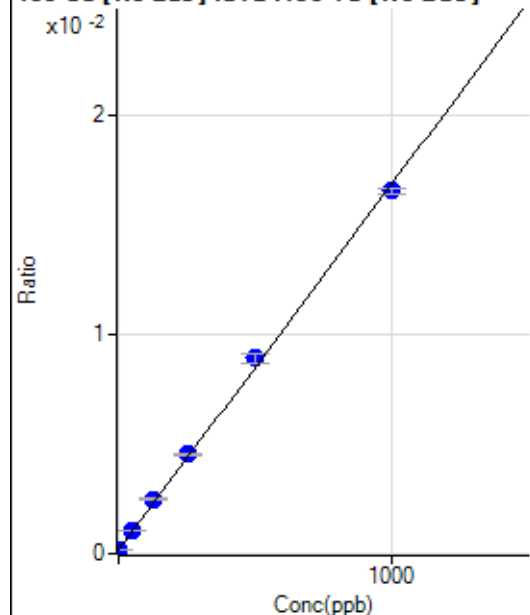
$$R = 0.9999$$

$$DL = 0.008893$$

$$BEC = 0.02069$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2378.11	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	-0.113	2378.11	0.0002	P	1.2
4	☐	50.000	55.041	16202.11	0.0011	P	1.7
5	☐	125.000	138.854	36561.67	0.0025	P	4.2
6	☐	250.000	262.345	69479.51	0.0045	P	1.2
7	☐	500.000	525.379	133648.93	0.0089	P	5.3
8	☐	1000.000	982.242	252648.85	0.0165	P	1.5
9	☐			2336.44	0.0002	P	7.1

$$y = 1.6654\text{E-}005 * x + 1.6221\text{E-}004$$

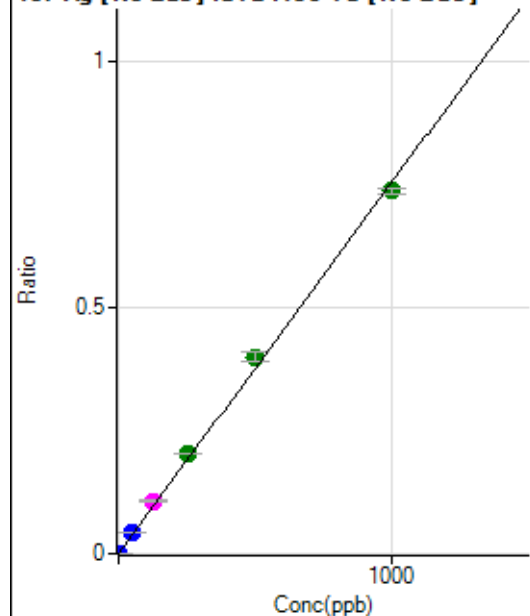
$$R = 0.9994$$

$$DL = 1.227$$

$$BEC = 9.74$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	56.7
2	☐	0.100					
3	☐	1.000	1.113	12528.58	0.0008	P	1.9
4	☐	50.000	55.228	624905.21	0.0416	P	1.1
5	☐	125.000	141.052	1569911.39	0.1063	M	4.0
6	☐	250.000	269.779	3116282.14	0.2032	A	1.2
7	☐	500.000	529.290	5980592.84	0.3987	A	4.8
8	☐	1000.000	978.142	11269028.21	0.7369	A	1.4
9	☐			1550.16	0.0001	P	6.7

$$y = 7.5332\text{E-}004 * x + 6.4379\text{E-}006$$

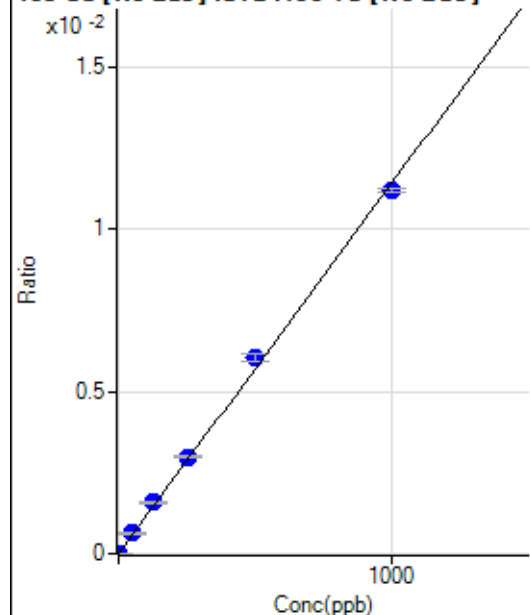
$$R = 0.9991$$

$$DL = 0.01454$$

$$BEC = 0.008546$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	1.018	183.34	0.0000	P	8.1
4	☐	50.000	54.741	9381.22	0.0006	P	3.9
5	☐	125.000	139.363	23479.10	0.0016	P	4.2
6	☐	250.000	260.963	45621.80	0.0030	P	1.6
7	☐	500.000	530.034	90635.52	0.0060	P	4.6
8	☐	1000.000	980.210	170888.09	0.0112	P	1.2
9	☐			70.84	0.0000	P	15.1

$$y = 1.1399\text{E-}005 * x + 7.5834\text{E-}007$$

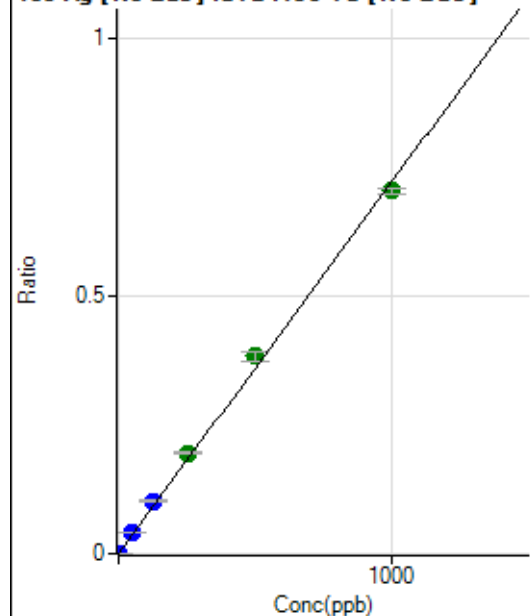
$$R = 0.9992$$

$$DL = 0.04398$$

$$BEC = 0.06653$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	1.148	12314.54	0.0008	P	2.8
4	☐	50.000	55.124	595542.40	0.0397	P	0.8
5	☐	125.000	140.570	1494010.79	0.1011	P	3.7
6	☐	250.000	270.256	2980749.26	0.1944	A	1.2
7	☐	500.000	531.486	5733112.46	0.3823	A	5.4
8	☐	1000.000	976.991	10747482.97	0.7028	A	1.4
9	☐			1533.49	0.0001	P	2.5

$$y = 7.1930\text{E-}004 * x + 4.3580\text{E-}006$$

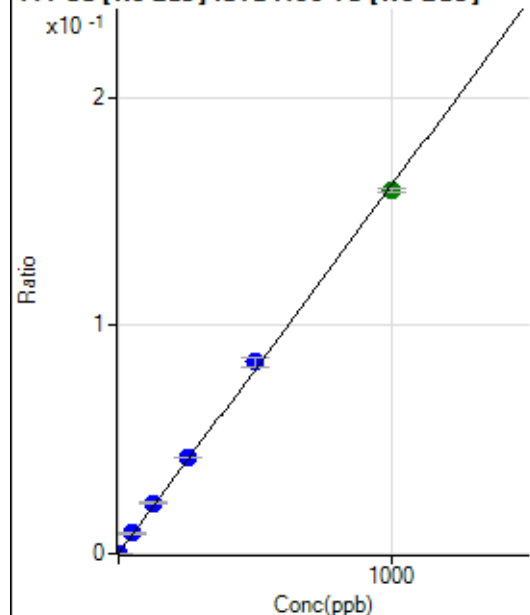
$$R = 0.9990$$

$$DL = 0.001339$$

$$BEC = 0.006059$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665.23	0.0001	P	4.1
2	☐	0.100					
3	☐	1.000	1.040	4170.00	0.0003	P	3.8
4	☐	50.000	54.236	132933.15	0.0089	P	1.7
5	☐	125.000	137.287	328477.16	0.0222	P	3.9
6	☐	250.000	260.577	645490.34	0.0421	P	0.2
7	☐	500.000	520.413	1259323.35	0.0840	P	4.9
8	☐	1000.000	985.402	2429855.46	0.1589	A	0.9
9	☐			2091.50	0.0001	P	6.3

$$y = 1.6112E-004 * x + 1.1358E-004$$

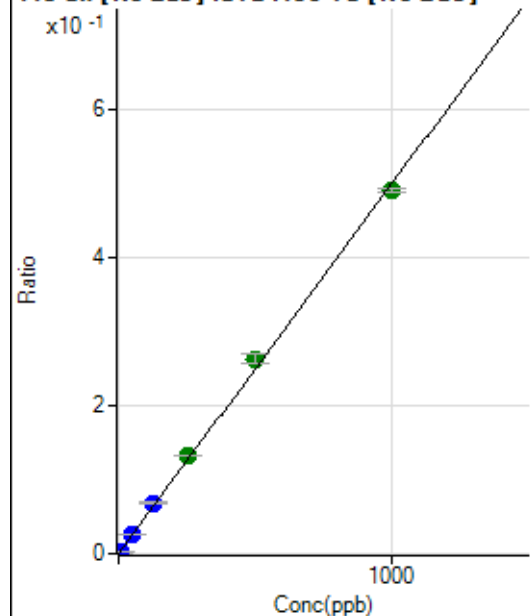
$$R = 0.9996$$

$$DL = 0.08588$$

$$BEC = 0.705$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.08	0.0001	P	6.1
2	☐	0.500					
3	☐	5.000	5.227	39634.76	0.0027	P	1.1
4	☐	50.000	53.016	398837.87	0.0266	P	1.5
5	☐	125.000	135.810	1003711.96	0.0679	P	4.1
6	☐	250.000	264.026	2024379.54	0.1320	A	0.7
7	☐	500.000	526.208	3945872.61	0.2631	A	4.8
8	☐	1000.000	981.886	7506445.22	0.4908	A	1.2
9	☐			19267.37	0.0013	P	2.2

$$y = 4.9982E-004 * x + 5.9681E-005$$

$$R = 0.9993$$

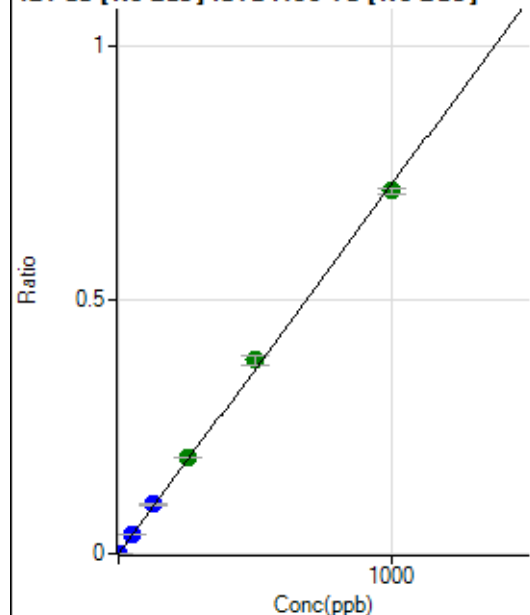
$$DL = 0.02202$$

$$BEC = 0.1194$$

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	219.46	0.0000	P	19.1
2	☐	0.200					
3	☐	2.000	2.107	22906.54	0.0015	P	0.8
4	☐	50.000	52.133	568661.77	0.0379	P	1.0
5	☐	125.000	135.054	1448863.42	0.0981	P	4.0
6	☐	250.000	261.571	2912124.50	0.1899	A	0.9
7	☐	500.000	524.905	5715711.11	0.3811	A	5.1
8	☐	1000.000	983.291	10917787.48	0.7139	A	1.9
9	☐			30625.18	0.0020	P	3.1

$$y = 7.2603\text{E-}004 * x + 1.4968\text{E-}005$$

$$R = 0.9994$$

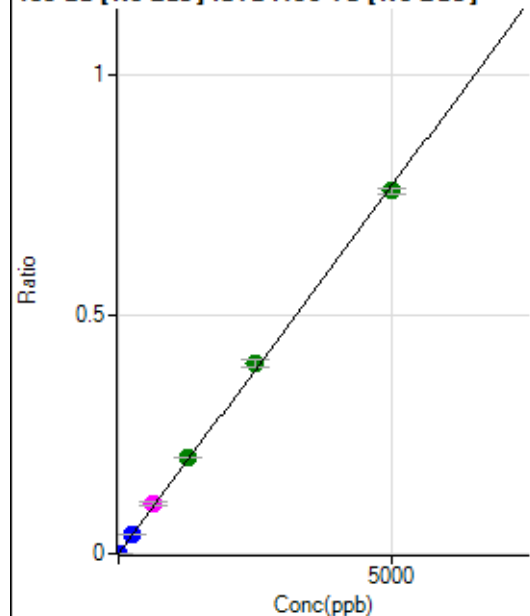
$$DL = 0.0118$$

$$BEC = 0.02062$$

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	27.78	0.0000	P	68.8
2	☐	1.000					
3	☐	10.000	10.636	24253.73	0.0016	P	1.7
4	☐	250.000	263.277	607197.96	0.0404	P	1.0
5	☐	625.000	679.541	1541519.43	0.1044	M	4.6
6	☐	1250.000	1302.170	3066224.18	0.2000	A	0.3
7	☐	2500.000	2587.450	5959749.96	0.3973	A	4.8
8	☐	5000.000	4935.750	11591613.71	0.7580	A	1.6
9	☐			3203.33	0.0002	P	6.6

$$y = 1.5356\text{E-}004 * x + 1.8912\text{E-}006$$

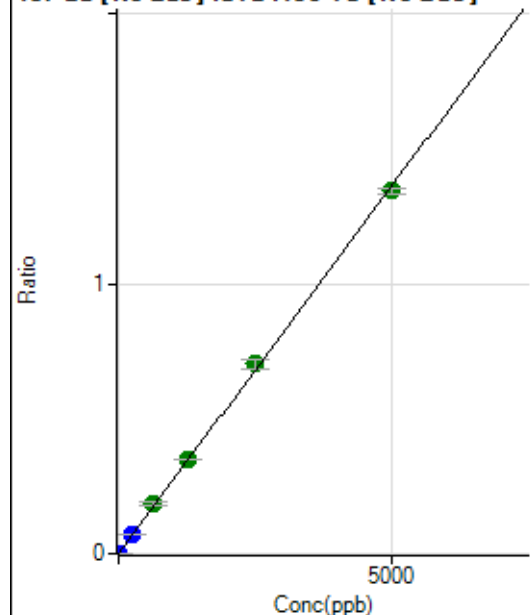
$$R = 0.9997$$

$$DL = 0.02542$$

$$BEC = 0.01232$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.9
2	☐	1.000					
3	☐	10.000	10.516	42488.78	0.0029	P	0.5
4	☐	250.000	262.592	1072855.28	0.0714	P	1.3
5	☐	625.000	679.837	2731497.98	0.1849	A	5.3
6	☐	1250.000	1290.486	5383064.87	0.3511	A	0.5
7	☐	2500.000	2586.259	10551430.18	0.7036	A	5.3
8	☐	5000.000	4939.264	20549484.31	1.3437	A	1.4
9	☐			5987.74	0.0004	P	4.5

$$y = 2.7204\text{E-}004 * x + 3.7897\text{E-}006$$

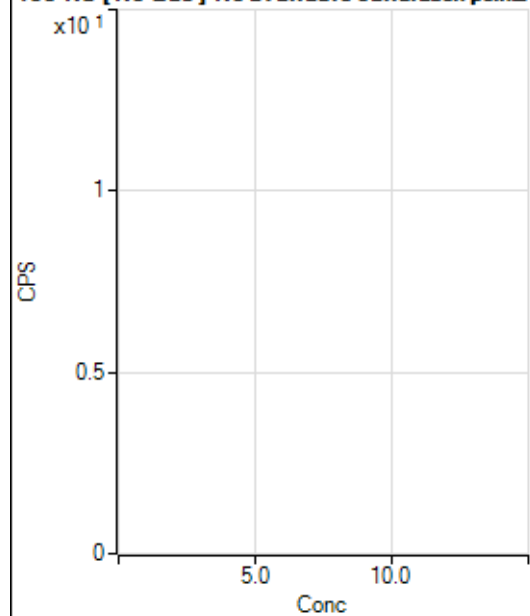
$$R = 0.9997$$

$$DL = 0.009582$$

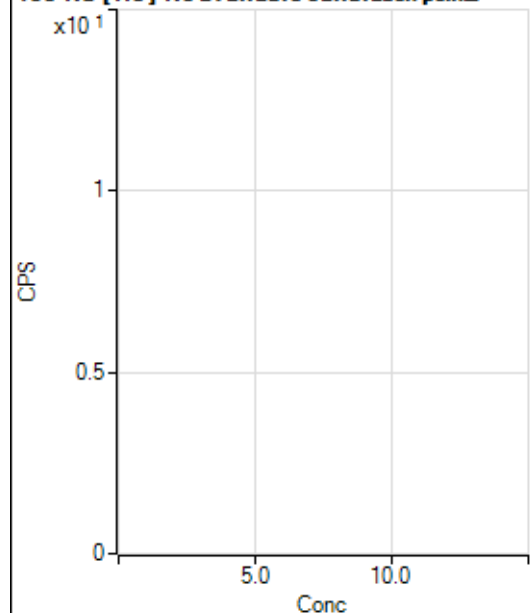
$$BEC = 0.01393$$

Weight: <None>

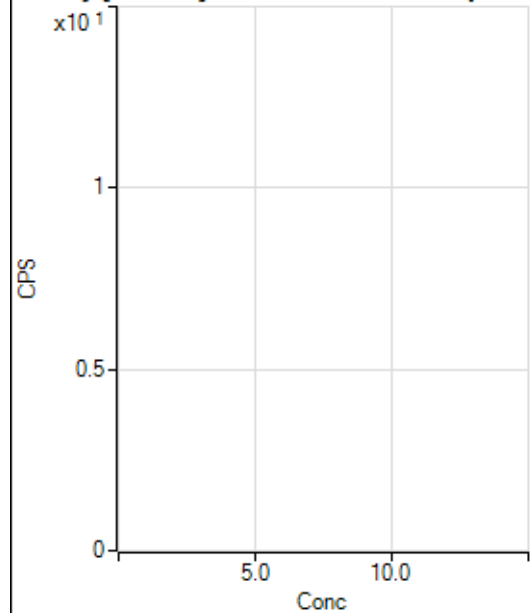
Min Conc: 0

150 Nd [No Gas] No available calibration points

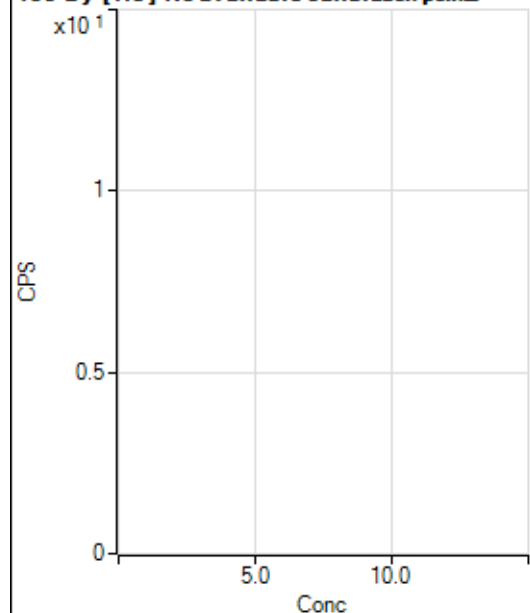
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			11.11		P	91.7
4	☐			20.00		P	88.2
5	☐			62.22		P	43.3
6	☐			142.23		P	22.2
7	☐			286.68		P	26.2
8	☐			504.48		P	4.0
9	☐			117.78		P	13.1

150 Nd [He] No available calibration points

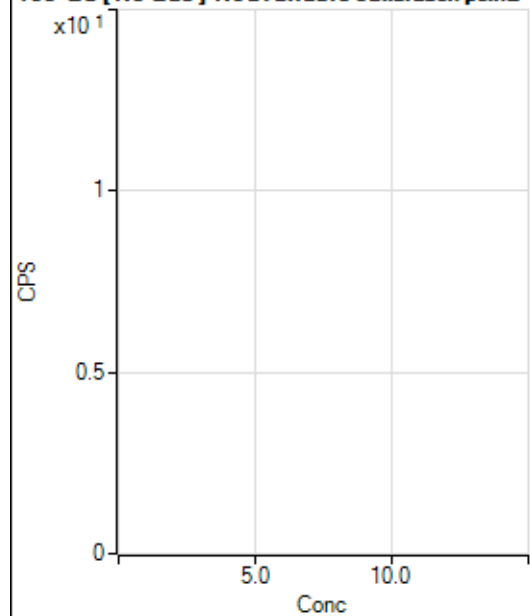
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			5.55		P	69.3
6	☐			3.33		P	100.1
7	☐			4.44		P	43.4
8	☐			14.44		P	35.3
9	☐			10.00		P	88.2

156 Dy [No Gas] No available calibration points

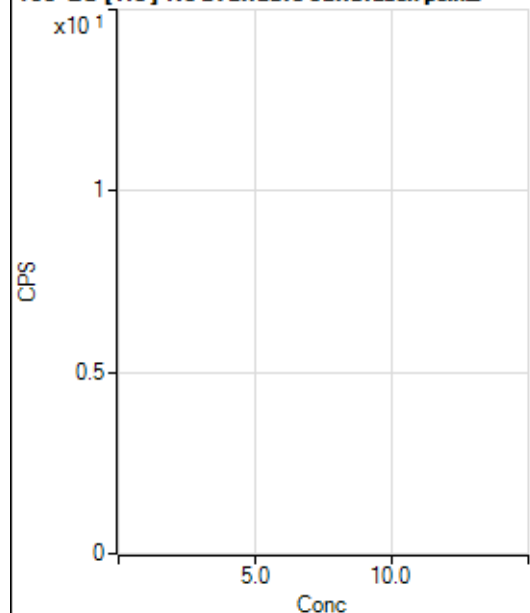
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			11.11		P	114.6
4	☐			22.22		P	57.3
5	☐			25.00		P	0.0
6	☐			41.67		P	20.0
7	☐			97.23		P	38.6
8	☐			180.57		P	17.5
9	☐			113.89		P	22.4

156 Dy [He] No available calibration points

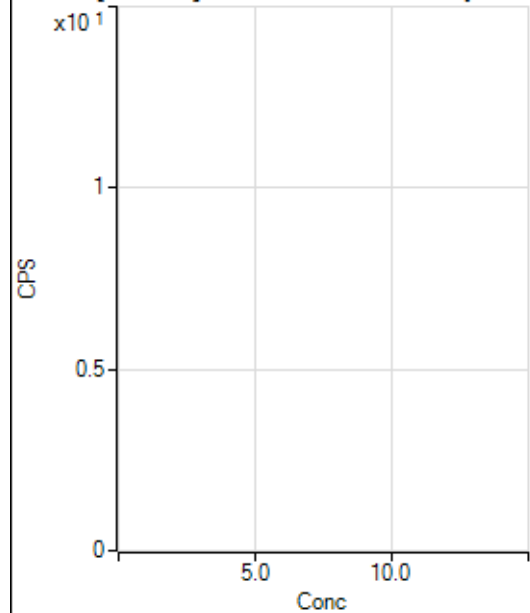
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			4.45		P	86.6
6	☐			4.44		P	114.6
7	☐			10.00		P	0.0
8	☐			10.00		P	115.5
9	☐			21.11		P	32.9

160 Gd [No Gas] Noavailable calibration poin_

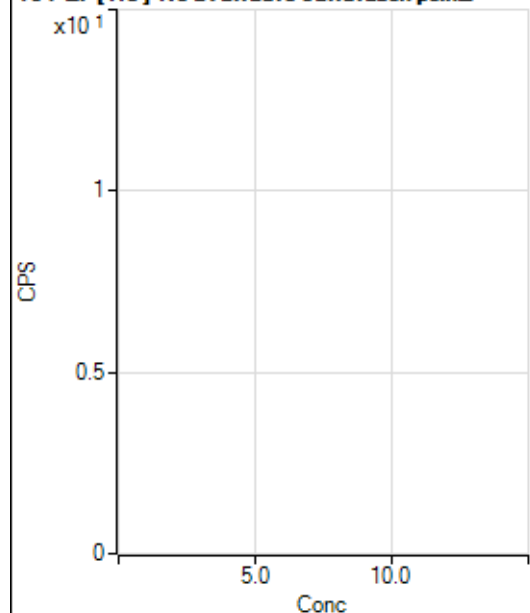
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.12		P	7.9
2	☐						
3	☐			83.34		P	26.5
4	☐			63.89		P	30.1
5	☐			91.67		P	9.1
6	☐			94.45		P	13.5
7	☐			108.34		P	23.1
8	☐			108.34		P	33.5
9	☐			147.23		P	14.2

160 Gd [He] No available calibration points

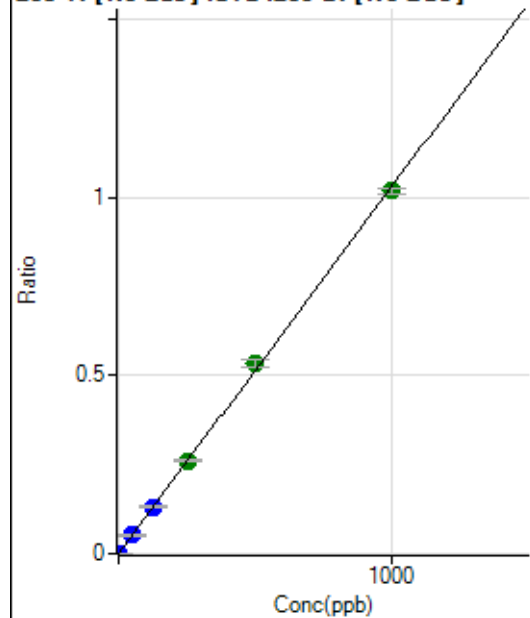
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐						
3	☐			13.33		P	25.0
4	☐			10.00		P	33.3
5	☐			14.44		P	81.1
6	☐			15.56		P	32.7
7	☐			11.11		P	91.7
8	☐			27.78		P	18.3
9	☐			26.67		P	33.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐						
3	☐			75.00		P	11.1
4	☐			52.78		P	24.1
5	☐			75.00		P	40.1
6	☐			66.67		P	12.5
7	☐			63.89		P	19.9
8	☐			86.12		P	24.4
9	☐			72.23		P	43.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			7.78		P	65.5
4	☐			7.78		P	24.7
5	☐			10.00		P	88.2
6	☐			18.89		P	10.2
7	☐			13.34		P	43.3
8	☐			8.89		P	114.5
9	☐			11.11		P	75.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	34.5
2	☐	0.100					
3	☐	1.000	1.001	10521.48	0.0010	P	1.7
4	☐	50.000	49.828	522158.81	0.0512	P	1.9
5	☐	125.000	127.644	1319367.84	0.1313	P	3.5
6	☐	250.000	253.071	2728538.41	0.2602	A	1.5
7	☐	500.000	519.408	5484287.19	0.5341	A	4.7
8	☐	1000.000	989.206	10758423.77	1.0171	A	1.3
9	☐			5579.26	0.0006	P	3.7

$$y = 0.0010 * x + 8.9174E-006$$

$$R = 0.9997$$

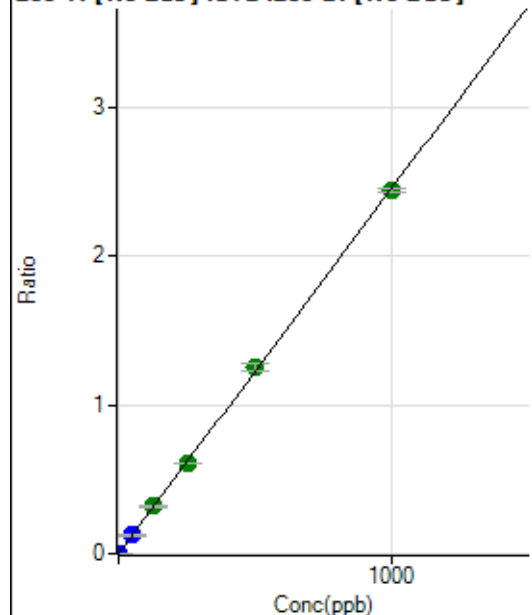
$$DL = 0.008966$$

$$BEC = 0.008673$$

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	258.35	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	1.009	25317.65	0.0025	P	1.7
4	☐	50.000	50.188	1253482.30	0.1230	P	1.3
5	☐	125.000	130.128	3205751.44	0.3189	A	3.3
6	☐	250.000	249.255	6405054.96	0.6108	A	0.8
7	☐	500.000	511.117	12860719.38	1.2525	A	4.9
8	☐	1000.000	993.977	25763568.28	2.4357	A	1.2
9	☐			13716.41	0.0014	P	9.6

$$y = 0.0025 * x + 2.5955E-005$$

$$R = 0.9999$$

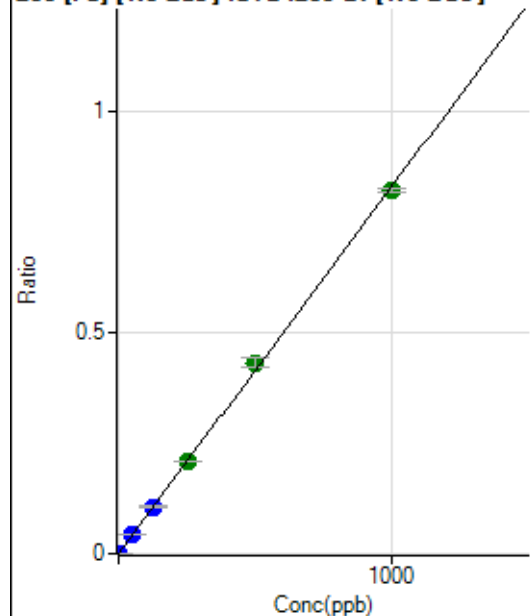
$$DL = 0.00525$$

$$BEC = 0.01059$$

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	274.09	0.0000	P	3.8
2	☐	0.100					
3	☐	1.000	1.034	8975.65	0.0009	P	3.7
4	☐	50.000	50.253	425295.39	0.0417	P	1.6
5	☐	125.000	128.241	1070342.06	0.1065	P	2.8
6	☐	250.000	252.194	2195106.76	0.2093	A	1.4
7	☐	500.000	519.541	4427870.87	0.4312	A	5.0
8	☐	1000.000	989.263	8685163.79	0.8211	A	1.1
9	☐			9159.13	0.0009	P	1.4

$$y = 8.2997E-004 * x + 2.7550E-005$$

$$R = 0.9997$$

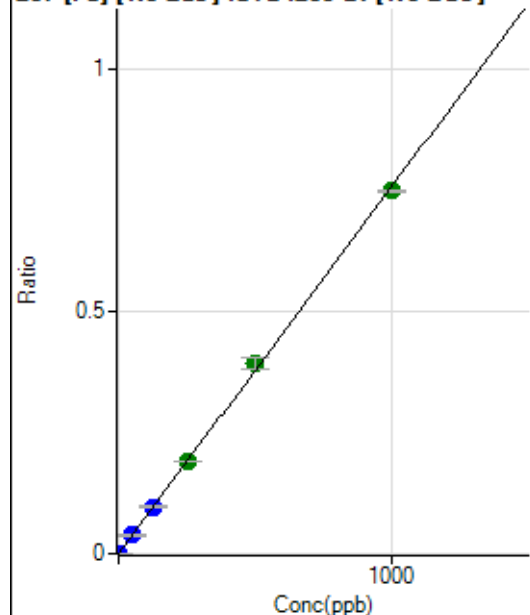
$$DL = 0.00375$$

$$BEC = 0.03319$$

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	207.42	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.990	7800.79	0.0008	P	2.7
4	☐	50.000	50.023	385567.27	0.0378	P	1.2
5	☐	125.000	128.086	973704.49	0.0968	P	2.7
6	☐	250.000	251.454	1993521.64	0.1901	A	0.9
7	☐	500.000	520.059	4036506.43	0.3932	A	5.5
8	☐	1000.000	989.220	7910374.25	0.7478	A	0.7
9	☐			7949.04	0.0008	P	1.1

$$y = 7.5596E-004 * x + 2.0842E-005$$

$$R = 0.9997$$

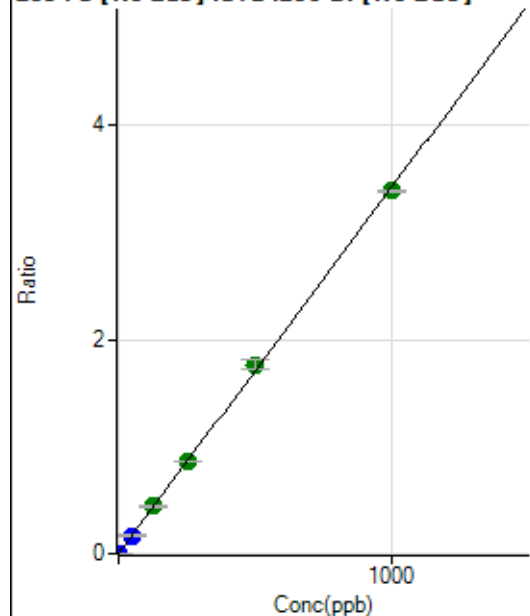
$$DL = 0.01529$$

$$BEC = 0.02757$$

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	1070.43	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	1.010	36121.28	0.0036	P	1.6
4	☐	50.000	49.832	1738647.22	0.1706	P	1.3
5	☐	125.000	129.116	4442714.00	0.4419	A	2.8
6	☐	250.000	250.864	9002139.39	0.8585	A	1.0
7	☐	500.000	516.789	18158340.02	1.7684	A	4.9
8	☐	1000.000	990.883	35864792.64	3.3906	A	0.8
9	☐			36454.85	0.0038	P	2.3

$$y = 0.0034 * x + 1.0760E-004$$

$$R = 0.9998$$

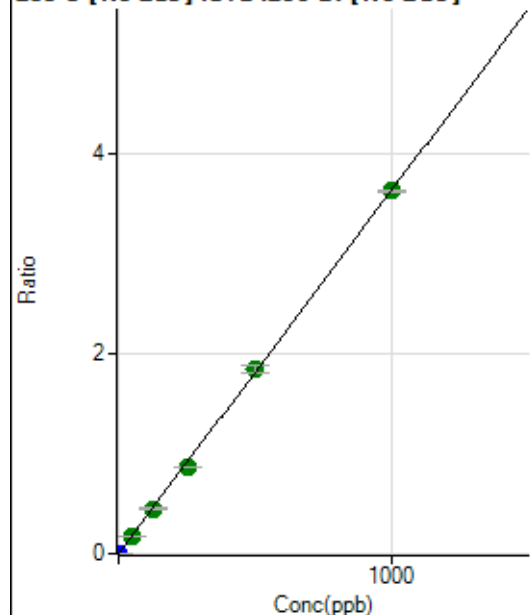
$$DL = 0.002518$$

$$BEC = 0.03145$$

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	38.89	0.0000	P	74.7
2	☐	0.100					
3	☐	1.000	0.939	34604.73	0.0034	P	3.6
4	☐	50.000	47.432	1755401.82	0.1723	A	2.2
5	☐	125.000	123.159	4496434.00	0.4473	A	3.5
6	☐	250.000	237.690	9052427.63	0.8633	A	1.4
7	☐	500.000	509.105	18987444.69	1.8490	A	4.8
8	☐	1000.000	998.884	38374953.98	3.6279	A	0.8
9	☐			7830.59	0.0008	P	6.9

$$y = 0.0036 * x + 3.8910E-006$$

$$R = 0.9999$$

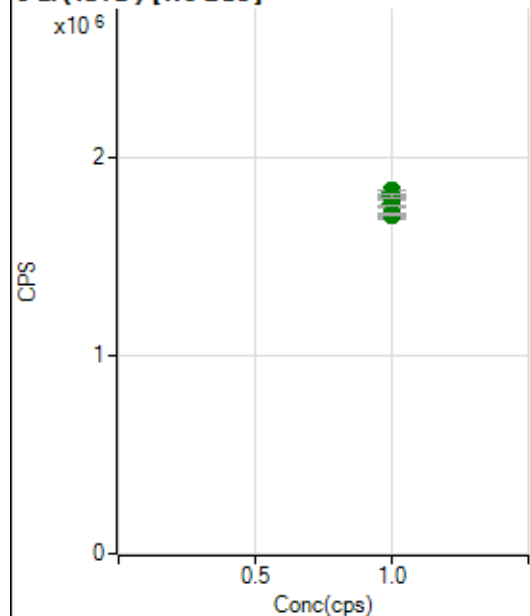
$$DL = 0.0024$$

$$BEC = 0.001071$$

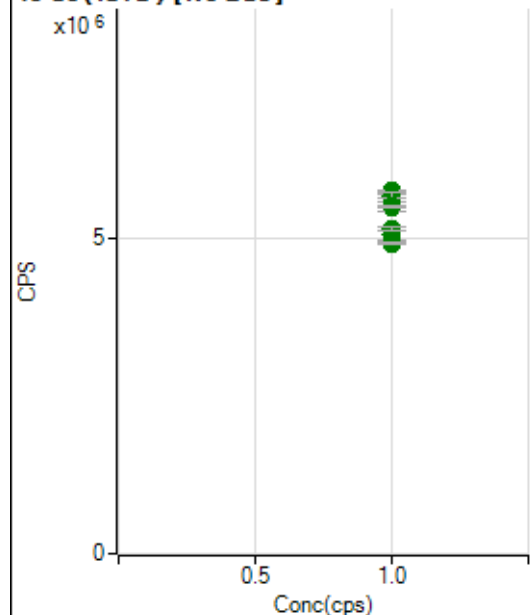
Weight: <None>

Min Conc: 0

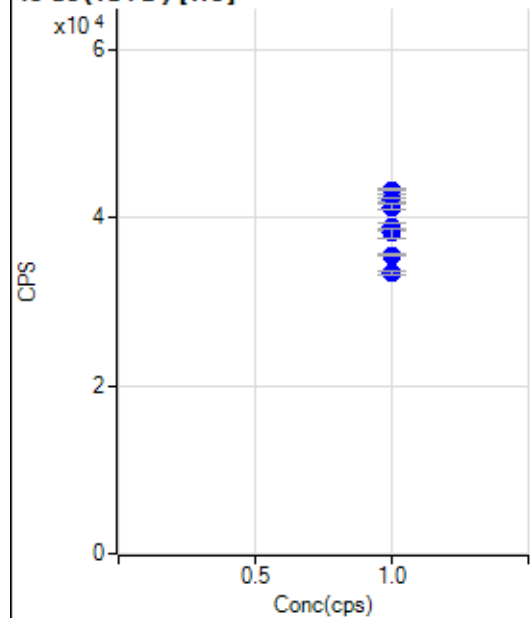
6 Li (ISTD) [No Gas]



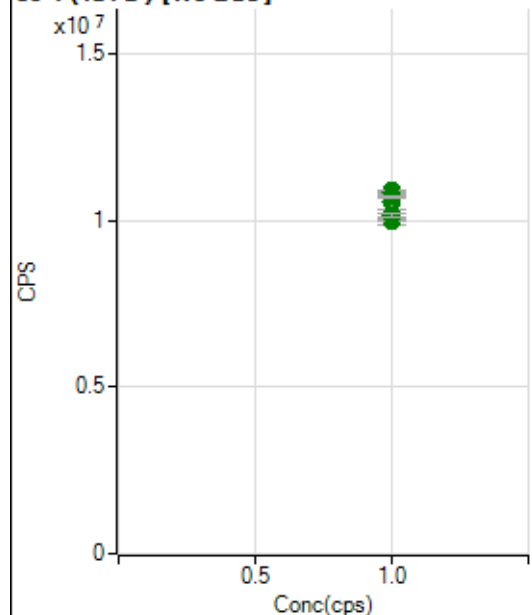
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1795778.78		A	0.9
2	☐	1.000					
3	☐	1.000		1826374.87		A	0.9
4	☐	1.000		1829458.05		A	0.2
5	☐	1.000		1767970.13		A	3.1
6	☐	1.000		1804152.82		A	1.1
7	☐	1.000		1717402.93		A	4.0
8	☐	1.000		1706246.50		A	0.6
9	☐	1.000		1710399.89		A	0.9

45 Sc (ISTD) [No Gas]

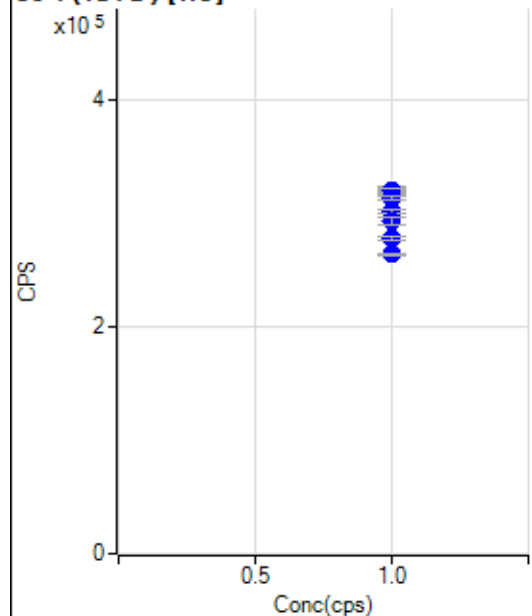
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5667273.65		A	1.0
2	☐	1.000					
3	☐	1.000		5746599.65		A	0.7
4	☐	1.000		5676097.70		A	1.8
5	☐	1.000		5496201.42		A	3.0
6	☐	1.000		5500340.01		A	0.5
7	☐	1.000		5069081.24		A	4.4
8	☐	1.000		4909315.26		A	0.5
9	☐	1.000		5140020.86		A	1.0

45 Sc (ISTD) [He]

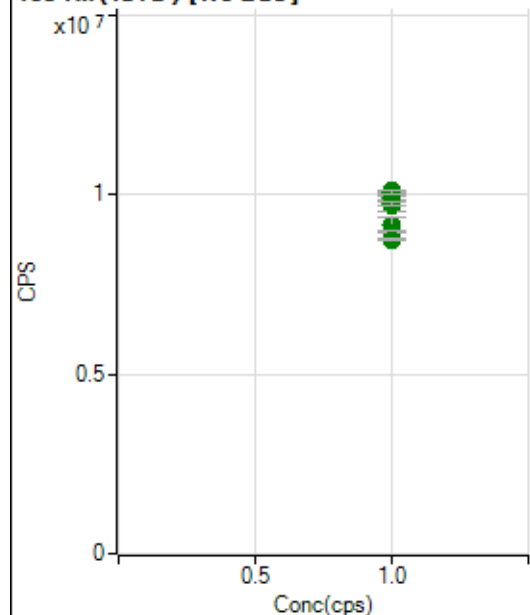
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		43150.70		P	1.3
2	☐	1.000					
3	☐	1.000		42086.44		P	4.9
4	☐	1.000		42063.02		P	1.5
5	☐	1.000		41242.66		P	1.6
6	☐	1.000		38891.69		P	2.9
7	☐	1.000		35507.16		P	0.7
8	☐	1.000		33339.67		P	1.4
9	☐	1.000		38137.40		P	3.1

89 Y (ISTD) [No Gas]

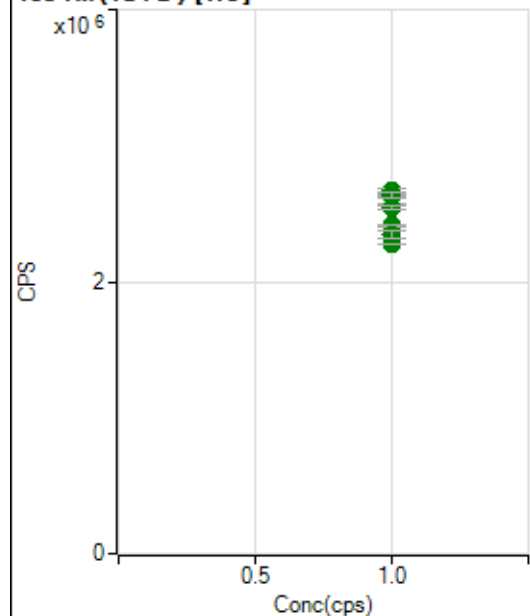
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10745795.81		A	0.5
2	☐	1.000					
3	☐	1.000		10900210.53		A	0.3
4	☐	1.000		10856354.14		A	0.8
5	☐	1.000		10559078.59		A	3.7
6	☐	1.000		10738701.09		A	0.7
7	☐	1.000		10127945.06		A	4.7
8	☐	1.000		10021803.88		A	0.6
9	☐	1.000		10171866.93		A	0.9

89 Y (ISTD) [He]

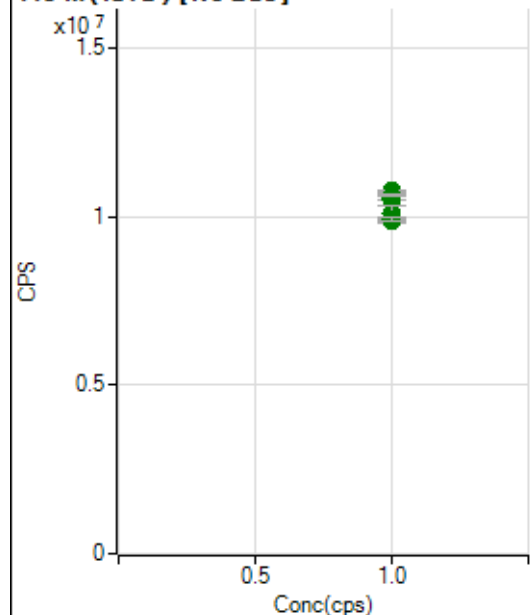
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		319579.64		P	0.5
2	☐	1.000					
3	☐	1.000		317534.32		P	3.8
4	☐	1.000		320077.78		P	1.3
5	☐	1.000		314369.03		P	1.0
6	☐	1.000		301464.22		P	1.2
7	☐	1.000		277661.12		P	1.4
8	☐	1.000		264091.02		P	0.7
9	☐	1.000		293308.48		P	2.3

103 Rh (ISTD) [No Gas]

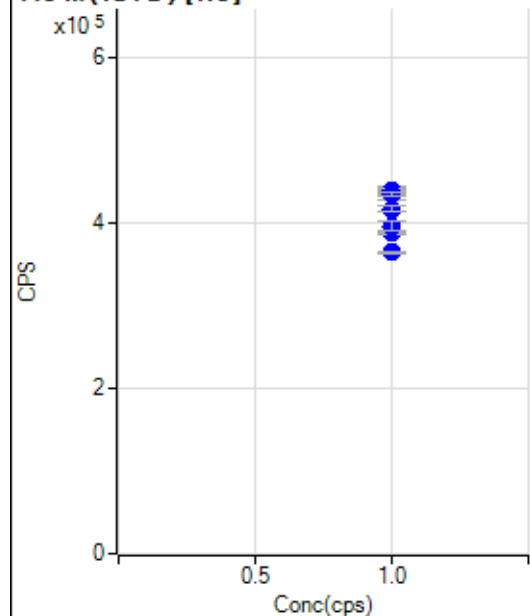
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9906853.95		A	0.8
2	☐	1.000					
3	☐	1.000		10101809.86		A	0.4
4	☐	1.000		10059537.29		A	1.1
5	☐	1.000		9701498.31		A	3.1
6	☐	1.000		9756735.81		A	0.9
7	☐	1.000		9130793.35		A	4.7
8	☐	1.000		8961047.77		A	0.3
9	☐	1.000		8736309.49		A	0.5

103 Rh (ISTD) [He]

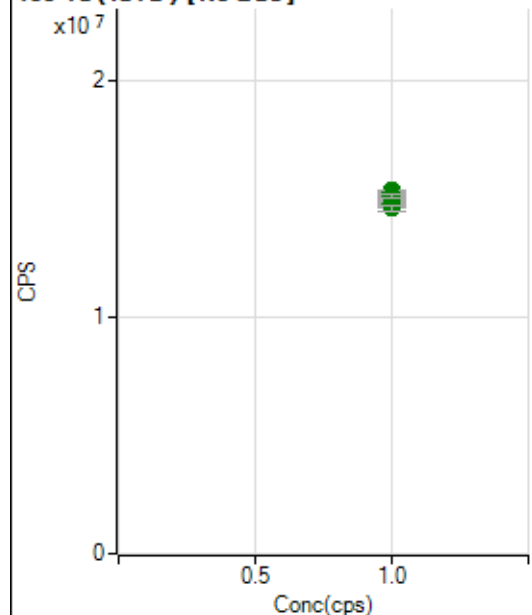
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2636946.42		A	0.2
2	☐	1.000					
3	☐	1.000		2629483.97		A	4.0
4	☐	1.000		2668184.72		A	1.2
5	☐	1.000		2641335.36		A	1.5
6	☐	1.000		2546167.29		A	0.9
7	☐	1.000		2414463.23		A	0.6
8	☐	1.000		2276215.38		A	0.2
9	☐	1.000		2352405.68		A	2.4

115 In (ISTD) [No Gas]

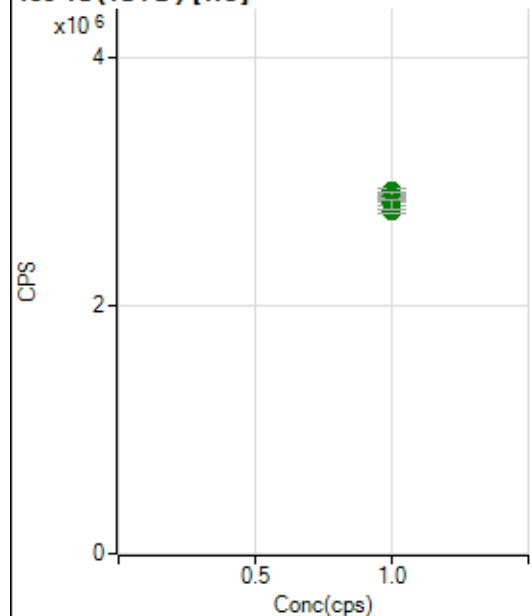
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10591836.27		A	1.2
2	☐	1.000					
3	☐	1.000		10744931.84		A	0.6
4	☐	1.000		10774449.63		A	0.7
5	☐	1.000		10504592.32		A	3.7
6	☐	1.000		10648401.63		A	0.2
7	☐	1.000		10094416.91		A	4.8
8	☐	1.000		9881924.46		A	0.8
9	☐	1.000		9926858.02		A	0.9

115 In (ISTD) [He]

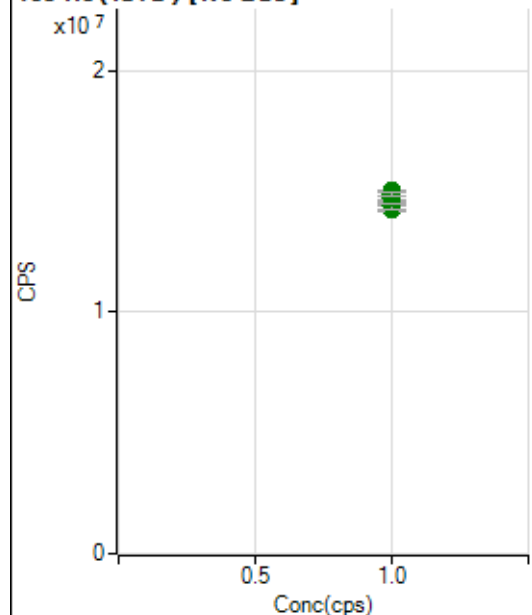
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		439322.06		P	0.7
2	☐	1.000					
3	☐	1.000		436018.61		P	3.6
4	☐	1.000		439222.36		P	1.5
5	☐	1.000		434496.28		P	1.0
6	☐	1.000		417536.95		P	1.3
7	☐	1.000		388076.53		P	1.0
8	☐	1.000		365151.88		P	0.6
9	☐	1.000		396777.80		P	2.6

159 Tb (ISTD) [No Gas]

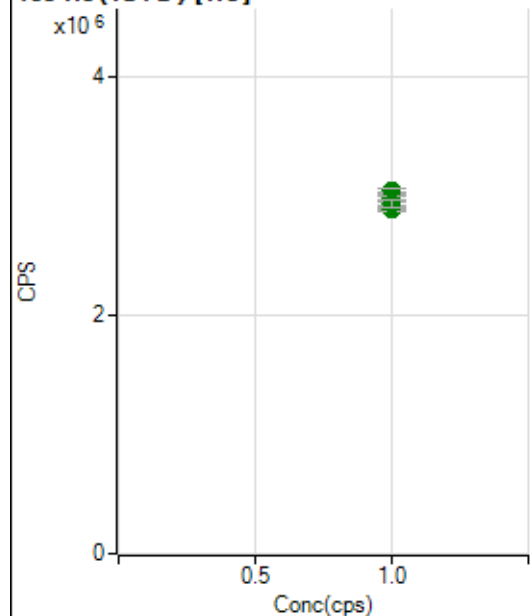
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14659856.45		A	0.4
2	☐	1.000					
3	☐	1.000		14832661.45		A	0.2
4	☐	1.000		15018645.75		A	0.9
5	☐	1.000		14789336.45		A	3.9
6	☐	1.000		15333528.94		A	0.3
7	☐	1.000		15020909.08		A	4.5
8	☐	1.000		15294569.22		A	0.8
9	☐	1.000		15104603.53		A	0.9

159 Tb (ISTD) [He]

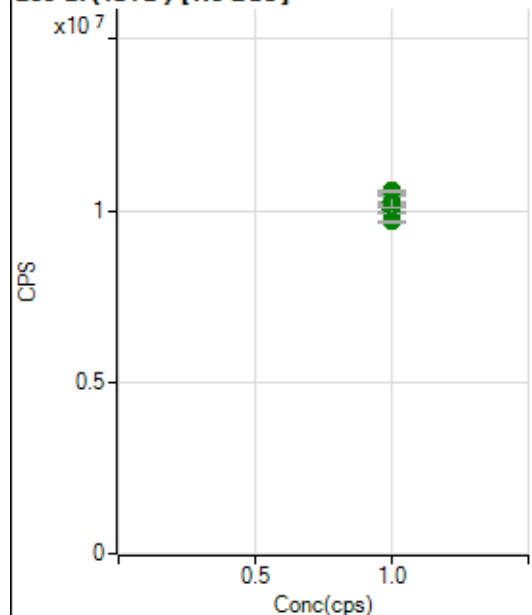
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2844287.81		A	0.6
2	☐	1.000					
3	☐	1.000		2847372.56		A	4.3
4	☐	1.000		2899144.57		A	1.1
5	☐	1.000		2928681.31		A	1.5
6	☐	1.000		2889461.14		A	1.6
7	☐	1.000		2809938.71		A	0.1
8	☐	1.000		2761162.08		A	1.0
9	☐	1.000		2822363.40		A	2.6

165 Ho (ISTD) [No Gas]

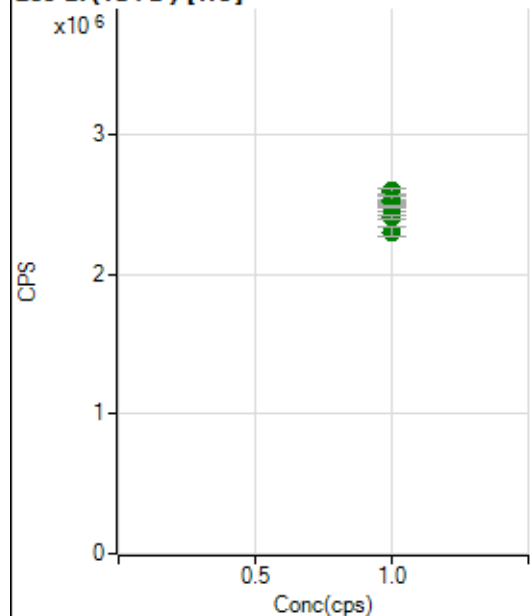
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14290662.82		A	1.4
2	☐	1.000					
3	☐	1.000		14518589.39		A	0.6
4	☐	1.000		14731313.87		A	1.7
5	☐	1.000		14440932.96		A	2.9
6	☐	1.000		14954699.64		A	0.1
7	☐	1.000		14774645.99		A	4.0
8	☐	1.000		15032436.10		A	0.7
9	☐	1.000		14877260.40		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2947194.33		A	0.4
2	☐	1.000					
3	☐	1.000		2952586.69		A	4.7
4	☐	1.000		3013742.14		A	0.8
5	☐	1.000		3039027.35		A	1.5
6	☐	1.000		2974627.73		A	1.3
7	☐	1.000		2910405.17		A	0.7
8	☐	1.000		2884304.30		A	1.1
9	☐	1.000		2936185.03		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9946667.42		A	1.0
2	☐	1.000					
3	☐	1.000		10136957.70		A	0.5
4	☐	1.000		10191333.53		A	1.2
5	☐	1.000		10059631.03		A	3.2
6	☐	1.000		10486663.66		A	0.9
7	☐	1.000		10282252.14		A	4.2
8	☐	1.000		10578113.31		A	0.7
9	☐	1.000		9688659.65		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2519776.82		A	0.6
2	☐	1.000					
3	☐	1.000		2510231.98		A	5.2
4	☐	1.000		2582456.25		A	1.8
5	☐	1.000		2593936.87		A	1.5
6	☐	1.000		2524460.62		A	2.1
7	☐	1.000		2479366.46		A	0.4
8	☐	1.000		2407143.72		A	0.8
9	☐	1.000		2302577.43		A	3.0

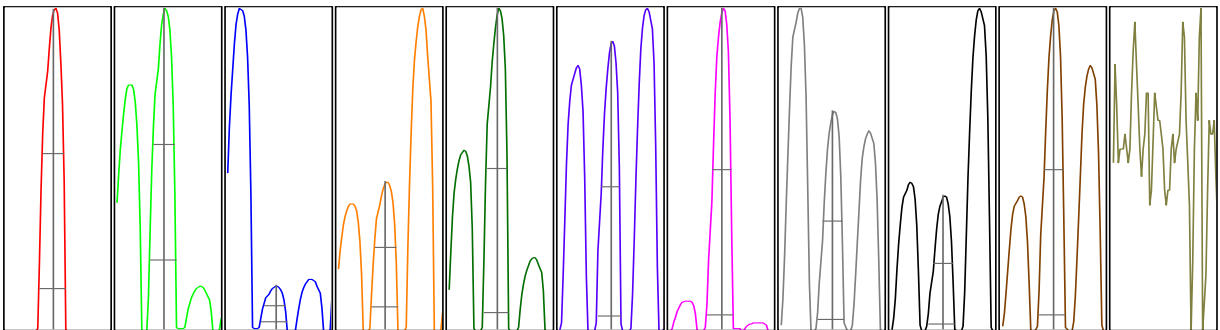
US EPA Tune Check Sample Report

Batch Folder D:\P8101618 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6863	1.25	5.00	
24	64805	0.65	5.00	
25	9122	1.18	5.00	
26	11015	1.06	5.00	
59	77087	0.85	5.00	
113	11604	1.68	5.00	
115	140130	1.42	5.00	
206	39272	1.30	5.00	
207	36030	1.09	5.00	
208	86052	1.38	5.00	
220	1	16.93		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6713	6909	6874	6916	6903
24	64064	64870	64981	65080	65028
25	8938	9190	9125	9157	9202
26	10816	11098	11006	11089	11063
59	76224	77337	76602	77433	77839
113	11395	11734	11386	11762	11744
115	138293	141326	137654	141890	141488
206	38555	39372	38972	39650	39810
207	35420	36064	35922	36384	36362
208	84064	86124	86148	87074	86851
220	1	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	11866	8.90	8.9 - 9.1		0.755	0.900	
24	111636	23.90	23.9 - 24.1		0.746	0.900	
25	15312	24.95	24.9 - 25.1		0.749	0.900	
26	17910	25.90	25.9 - 26.1		0.749	0.900	
59	137928	58.95	58.9 - 59.1		0.735	0.900	
113	22297	113.05	112.9 - 113.1		0.693	0.900	
115	264690	115.05	114.9 - 115.1		0.764	0.900	
206	72843	206.05	205.9 - 206.1		0.769	0.900	
207	66242	207.05	206.9 - 207.1		0.784	0.900	
208	158038	208.05	207.9 - 208.1		0.777	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	10.9	V	Deflect	14.8	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9583	2.50	
89	2741	2.37	
205	17281	2.38	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9790	9170	9654	9619	9682
89	2781	2626	2763	2766	2770
205	17501	16557	17410	17374	17562

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	10.9	V	Deflect	2.2	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.10	-0.56	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.15	-0.29	0.00	N/A	ppb
Boron	11-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.19	0.28	-0.47	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	N/A	ppb
Calcium	43-1	1.18	0.00	-1.18	0.00	N/A	ppb
Calcium	44-1	-0.07	-0.14	0.21	0.00	N/A	ppb
Chromium	52-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.09	-0.07	-0.02	0.00	N/A	ppb
Iron	57-2	0.23	-0.13	-0.10	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.57	0.10	2.47	0.00	N/A	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	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	0.03	0.03	-0.06	0.00	N/A	ppb
Phosphorus	31-2	-6.94	-7.22	-6.72	-6.96		ppb
Potassium	39-2	3.93	0.10	-4.03	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2.93	-1.47	-1.47	0.00	N/A	ppb
Selenium	78-2	0.49	-0.25	-0.25	0.00	N/A	ppb
Selenium	82-1	-0.19	0.09	0.10	0.00	N/A	ppb
Silicon	28-1	4.40	-2.33	-2.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.59	1.18	-0.59	0.00	N/A	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-67.41	-63.74	45.83	-28.44		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.07	0.04	0.00	N/A	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

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

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.52	19.67	29.14	22.44	25.97	ppb
Antimony	121-1	2.09	2.11	2.12	2.11	0.78	ppb
Arsenic	75-1	0.98	1.01	0.95	0.98	3.04	ppb
Barium	135-1	10.65	10.45	10.80	10.64	1.68	ppb
Barium	137-1	10.53	10.56	10.46	10.52	0.51	ppb
Beryllium	9-1	1.15	1.12	1.00	1.09	7.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	26.02	25.13	27.19	26.11	3.95	ppb
Boron	11-1	24.44	25.19	25.70	25.11	2.53	ppb
Cadmium	111-1	1.02	1.11	0.98	1.04	6.38	ppb
Cadmium	106-1	-0.25	-0.05	-0.04	-0.11		ppb
Cadmium	108-1	1.09	0.92	1.04	1.02	8.63	ppb
Calcium	43-1	482.39	486.44	463.78	477.54	2.53	ppb
Calcium	44-1	476.12	475.59	480.10	477.27	0.52	ppb
Chromium	52-2	2.21	2.25	2.44	2.30	5.25	ppb
Cobalt	59-2	1.04	1.02	1.17	1.08	7.54	ppb
Copper	63-2	2.02	2.03	2.16	2.07	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	50.87	51.77	56.38	53.01	5.57	ppb
Iron	57-2	61.79	46.97	55.48	54.75	13.58	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.05	0.99	1.03	3.78	ppb
Lead	207-1	1.02	0.98	0.97	0.99	2.73	ppb
Lead	208-1	1.02	1.01	0.99	1.01	1.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	504.56	523.43	526.38	518.12	2.29	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.21	1.08	1.08	11.98	ppb
Molybdenum	94-1	4.52	4.83	4.90	4.75	4.31	ppb
Molybdenum	95-1	5.07	5.10	5.02	5.06	0.78	ppb
Molybdenum	96-1	5.04	4.87	4.89	4.93	1.90	ppb
Molybdenum	97-1	4.85	4.93	4.88	4.89	0.86	ppb
Molybdenum	98-1	4.96	5.05	4.91	4.97	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.99	1.39	1.15	18.20	ppb
Phosphorus	31-2	-7.22	12.59	15.52	6.96	177.72	ppb
Potassium	39-2	510.57	487.29	576.97	524.94	8.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	2.82	-1.47	3.14	1.50	171.93	ppb
Selenium	78-2	6.24	5.62	5.18	5.68	9.41	ppb
Selenium	82-1	5.51	4.60	5.24	5.12	9.13	ppb
Silicon	28-1	12.89	11.64	13.13	12.55	6.36	ppb
Silver	109-1	1.18	1.12	1.14	1.15	2.84	ppb
Silver	107-1	1.09	1.13	1.12	1.11	1.91	ppb
Sodium	23-2	491.16	494.73	543.89	509.92	5.78	ppb
Strontium	86-1	1.05	0.95	1.01	1.00	4.75	ppb
Strontium	88-1	1.01	1.00	1.03	1.02	1.44	ppb
Sulfur	34-1	107.38	-97.83	75.77	28.44	388.53	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1.01	0.98	1.01	1.00	1.75	ppb
Thallium	205-1	0.99	1.01	1.02	1.01	1.70	ppb
Tin	118-1	5.26	5.26	5.16	5.23	1.17	ppb
Titanium	47-1	4.98	5.06	5.12	5.05	1.46	ppb
Uranium	238-1	0.97	0.91	0.93	0.94	3.63	ppb
Vanadium	51-2	4.84	5.07	5.43	5.11	5.79	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.09	2.36	2.19	2.21	6.16	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.90	0.92	0.92	1.96	ppb
Zirconium	91-1	0.98	0.87	0.96	0.94	6.00	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 12:33:04 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1027.43	972.28	1000.94	1000.22	2.76	ppb
Antimony	121-1	51.92	51.74	52.74	52.13	1.02	ppb
Arsenic	75-1	48.22	48.09	49.58	48.63	1.70	ppb
Barium	135-1	265.14	260.43	264.26	263.28	0.95	ppb
Barium	137-1	266.28	259.74	261.75	262.59	1.28	ppb
Beryllium	9-1	52.53	53.06	52.90	52.83	0.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	50.98	50.30	53.76	51.68	3.55	ppb
Boron	11-1	50.44	50.30	51.93	50.89	1.78	ppb
Cadmium	111-1	54.21	53.32	55.18	54.24	1.72	ppb
Cadmium	106-1	54.47	54.37	56.28	55.04	1.95	ppb
Cadmium	108-1	57.22	53.29	53.72	54.74	3.94	ppb
Calcium	43-1	4955.32	4979.17	5109.44	5014.64	1.65	ppb
Calcium	44-1	5023.42	5017.63	5101.88	5047.64	0.93	ppb
Chromium	52-2	50.28	49.78	50.50	50.19	0.73	ppb
Cobalt	59-2	49.65	49.89	50.63	50.06	1.02	ppb
Copper	63-2	99.92	98.73	101.19	99.95	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2622.94	2582.82	2673.96	2626.57	1.74	ppb
Iron	57-2	2558.87	2567.49	2544.64	2557.00	0.45	ppb
Krypton	83-1						cps
Lead	206-1	50.32	49.44	51.00	50.25	1.56	ppb
Lead	207-1	50.35	49.31	50.41	50.02	1.24	ppb
Lead	208-1	49.83	49.21	50.46	49.83	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	5135.59	5015.60	5200.24	5117.14	1.83	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:33:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.64	99.31	101.07	100.67	1.20	ppb
Molybdenum	94-1	250.82	248.29	251.20	250.10	0.63	ppb
Molybdenum	95-1	250.78	249.34	252.73	250.95	0.68	ppb
Molybdenum	96-1	248.63	247.36	251.82	249.27	0.92	ppb
Molybdenum	97-1	245.18	242.39	248.17	245.25	1.18	ppb
Molybdenum	98-1	250.93	245.99	252.04	249.65	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.22	51.70	51.82	51.58	0.62	ppb
Phosphorus	31-2	937.66	944.06	1332.21	1071.31	21.09	ppb
Potassium	39-2	2611.86	2544.93	2612.64	2589.81	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	59.36	63.77	51.90	58.34	10.29	ppb
Selenium	78-2	70.62	45.10	49.86	55.19	24.59	ppb
Selenium	82-1	50.96	50.52	50.91	50.80	0.48	ppb
Silicon	28-1	53.07	52.98	56.13	54.06	3.31	ppb
Silver	109-1	55.04	54.73	55.60	55.12	0.80	ppb
Silver	107-1	55.90	54.75	55.04	55.23	1.09	ppb
Sodium	23-2	5004.91	5020.17	5131.96	5052.35	1.37	ppb
Strontium	86-1	50.62	49.28	51.00	50.30	1.80	ppb
Strontium	88-1	51.36	50.26	50.88	50.84	1.08	ppb
Sulfur	34-1	1199.35	1186.11	1414.95	1266.80	10.14	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	50.45	48.76	50.28	49.83	1.86	ppb
Thallium	205-1	50.38	49.46	50.71	50.19	1.29	ppb
Tin	118-1	53.16	52.18	53.71	53.02	1.47	ppb
Titanium	47-1	251.92	247.62	257.08	252.21	1.88	ppb
Uranium	238-1	47.56	46.32	48.42	47.43	2.22	ppb
Vanadium	51-2	50.20	50.08	50.83	50.37	0.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	99.38	97.99	100.49	99.29	1.26	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:33:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.77	48.63	49.90	49.43	1.41	ppb
Zirconium	91-1	49.30	49.07	49.18	49.18	0.23	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:36:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2473.29	2397.76	2412.85	2427.96	1.65	ppb
Antimony	121-1	140.71	134.35	130.10	135.05	3.95	ppb
Arsenic	75-1	129.65	124.44	122.17	125.42	3.06	ppb
Barium	135-1	712.95	673.90	651.77	679.54	4.56	ppb
Barium	137-1	716.83	677.38	645.31	679.84	5.27	ppb
Beryllium	9-1	141.48	134.39	130.84	135.57	4.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	131.99	125.88	134.40	130.76	3.36	ppb
Boron	11-1	133.28	131.43	128.88	131.20	1.68	ppb
Cadmium	111-1	143.19	136.03	132.64	137.29	3.92	ppb
Cadmium	106-1	146.04	135.32	135.20	138.85	4.48	ppb
Cadmium	108-1	145.72	138.31	134.06	139.36	4.24	ppb
Calcium	43-1	13255.28	12738.94	12284.34	12759.52	3.81	ppb
Calcium	44-1	13263.52	12564.77	12355.50	12727.93	3.74	ppb
Chromium	52-2	128.11	124.17	126.94	126.40	1.60	ppb
Cobalt	59-2	126.86	121.87	124.80	124.51	2.01	ppb
Copper	63-2	251.83	243.09	248.13	247.68	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				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	6600.99	6417.36	6481.02	6499.79	1.43	ppb
Iron	57-2	6470.74	6293.29	6358.11	6374.05	1.41	ppb
Krypton	83-1						cps
Lead	206-1	132.15	127.55	125.02	128.24	2.82	ppb
Lead	207-1	131.68	127.73	124.85	128.09	2.68	ppb
Lead	208-1	132.86	128.82	125.67	129.12	2.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	12916.24	12415.94	12658.54	12663.58	1.98	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:36:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.19	246.98	254.26	252.14	1.78	ppb
Molybdenum	94-1	684.89	649.40	624.85	653.05	4.62	ppb
Molybdenum	95-1	691.57	649.71	628.84	656.71	4.86	ppb
Molybdenum	96-1	679.06	652.31	630.73	654.03	3.70	ppb
Molybdenum	97-1	678.13	645.25	636.02	653.13	3.39	ppb
Molybdenum	98-1	670.60	641.45	618.75	643.60	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.02	124.10	126.44	126.19	1.56	ppb
Phosphorus	31-2	2518.70	2694.79	2795.12	2669.53	5.24	ppb
Potassium	39-2	6435.64	6285.66	6380.31	6367.20	1.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	137.46	135.27	115.20	129.31	9.49	ppb
Selenium	78-2	133.14	136.97	123.50	131.21	5.29	ppb
Selenium	82-1	139.02	130.67	126.22	131.97	4.93	ppb
Silicon	28-1	148.92	141.58	138.83	143.11	3.65	ppb
Silver	109-1	146.19	139.59	135.92	140.57	3.70	ppb
Silver	107-1	147.10	140.30	135.76	141.05	4.05	ppb
Sodium	23-2	12786.31	12338.67	12615.76	12580.25	1.80	ppb
Strontium	86-1	134.90	129.76	126.00	130.22	3.43	ppb
Strontium	88-1	136.39	130.37	126.62	131.13	3.76	ppb
Sulfur	34-1	3387.82	2737.67	2571.06	2898.85	14.89	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	132.66	126.21	124.06	127.64	3.50	ppb
Thallium	205-1	134.77	129.13	126.48	130.13	3.26	ppb
Tin	118-1	141.75	135.09	130.59	135.81	4.13	ppb
Titanium	47-1	668.97	641.41	623.91	644.76	3.52	ppb
Uranium	238-1	127.89	122.14	119.45	123.16	3.50	ppb
Vanadium	51-2	127.80	121.21	125.69	124.90	2.70	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	253.78	252.00	249.60	251.79	0.83	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:36:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	138.44	130.45	126.76	131.89	4.53	ppb
Zirconium	91-1	134.46	127.27	124.13	128.62	4.12	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5056.63	4772.14	4830.24	4886.34	3.08	ppb
Antimony	121-1	263.20	262.61	258.91	261.57	0.89	ppb
Arsenic	75-1	242.76	242.29	242.13	242.39	0.14	ppb
Barium	135-1	1306.55	1298.74	1301.22	1302.17	0.31	ppb
Barium	137-1	1298.06	1287.84	1285.56	1290.49	0.52	ppb
Beryllium	9-1	258.74	260.81	256.00	258.51	0.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	248.56	255.66	259.53	254.58	2.18	ppb
Boron	11-1	248.57	255.72	253.97	252.75	1.47	ppb
Cadmium	111-1	260.85	260.81	260.07	260.58	0.17	ppb
Cadmium	106-1	265.98	260.20	260.86	262.35	1.20	ppb
Cadmium	108-1	261.08	265.20	256.61	260.96	1.65	ppb
Calcium	43-1	24666.91	24826.08	24788.31	24760.43	0.34	ppb
Calcium	44-1	24515.43	24531.79	24481.35	24509.52	0.11	ppb
Chromium	52-2	258.26	239.33	247.26	248.28	3.83	ppb
Cobalt	59-2	255.90	238.24	246.72	246.95	3.58	ppb
Copper	63-2	511.76	477.10	494.92	494.59	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	13139.16	12191.86	12631.09	12654.04	3.75	ppb
Iron	57-2	13293.28	12204.14	12775.69	12757.70	4.27	ppb
Krypton	83-1						cps
Lead	206-1	253.85	254.70	248.03	252.19	1.44	ppb
Lead	207-1	253.77	251.26	249.34	251.45	0.88	ppb
Lead	208-1	252.72	251.70	248.18	250.86	0.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	26306.21	24309.47	25170.55	25262.08	3.96	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.29	478.38	494.88	497.85	4.24	ppb
Molybdenum	94-1	1254.68	1261.63	1232.24	1249.52	1.23	ppb
Molybdenum	95-1	1251.52	1251.49	1236.93	1246.65	0.67	ppb
Molybdenum	96-1	1245.20	1258.13	1222.20	1241.84	1.47	ppb
Molybdenum	97-1	1242.78	1252.14	1223.41	1239.44	1.18	ppb
Molybdenum	98-1	1238.54	1230.07	1215.72	1228.11	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.77	241.86	253.73	252.12	3.79	ppb
Phosphorus	31-2	5205.88	4861.68	5770.73	5279.43	8.69	ppb
Potassium	39-2	13127.20	12185.73	12252.93	12521.95	4.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	270.06	269.02	270.37	269.81	0.26	ppb
Selenium	78-2	270.56	273.44	240.13	261.38	7.06	ppb
Selenium	82-1	253.89	256.92	248.76	253.19	1.63	ppb
Silicon	28-1	276.12	275.87	275.33	275.77	0.15	ppb
Silver	109-1	270.78	273.25	266.74	270.26	1.22	ppb
Silver	107-1	273.36	268.26	267.71	269.78	1.16	ppb
Sodium	23-2	26170.34	24550.99	25385.09	25368.80	3.19	ppb
Strontium	86-1	250.78	251.16	247.23	249.72	0.87	ppb
Strontium	88-1	252.54	250.52	248.76	250.61	0.75	ppb
Sulfur	34-1	4965.76	5185.21	4844.96	4998.64	3.45	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	256.38	253.87	248.96	253.07	1.49	ppb
Thallium	205-1	249.75	250.93	247.09	249.25	0.79	ppb
Tin	118-1	265.86	263.95	262.27	264.03	0.68	ppb
Titanium	47-1	1272.08	1280.70	1263.42	1272.07	0.68	ppb
Uranium	238-1	237.48	241.03	234.56	237.69	1.36	ppb
Vanadium	51-2	256.57	241.77	246.39	248.24	3.05	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	518.23	487.06	495.82	500.37	3.21	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.08	252.25	249.37	251.90	0.94	ppb
Zirconium	91-1	249.60	248.52	245.24	247.79	0.92	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10006.57	9820.15	9574.25	9800.32	2.21	ppb
Antimony	121-1	504.26	555.45	515.01	524.91	5.14	ppb
Arsenic	75-1	485.86	525.68	497.50	503.01	4.07	ppb
Barium	135-1	2496.23	2729.19	2536.93	2587.45	4.81	ppb
Barium	137-1	2486.57	2741.11	2531.09	2586.26	5.26	ppb
Beryllium	9-1	507.09	546.10	512.72	521.97	4.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	491.92	534.20	512.96	513.02	4.12	ppb
Boron	11-1	493.86	541.56	514.79	516.74	4.63	ppb
Cadmium	111-1	505.97	549.97	505.30	520.41	4.92	ppb
Cadmium	106-1	503.87	557.34	514.93	525.38	5.37	ppb
Cadmium	108-1	512.80	558.20	519.10	530.03	4.64	ppb
Calcium	43-1	49123.36	53621.43	50881.00	51208.60	4.43	ppb
Calcium	44-1	48745.86	52844.53	49890.01	50493.47	4.19	ppb
Chromium	52-2	505.96	499.14	494.26	499.79	1.18	ppb
Cobalt	59-2	501.72	495.26	487.62	494.86	1.43	ppb
Copper	63-2	1020.65	995.79	980.45	998.96	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	26123.89	25598.63	25280.98	25667.83	1.66	ppb
Iron	57-2	25849.49	25650.80	25139.19	25546.49	1.43	ppb
Krypton	83-1						cps
Lead	206-1	501.97	549.50	507.15	519.54	5.02	ppb
Lead	207-1	498.03	552.29	509.85	520.06	5.49	ppb
Lead	208-1	497.73	545.75	506.89	516.79	4.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	53737.18	52538.97	51387.63	52554.59	2.24	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.81	995.33	978.59	998.91	2.23	ppb
Molybdenum	94-1	2474.88	2695.96	2504.52	2558.45	4.69	ppb
Molybdenum	95-1	2461.13	2726.51	2527.46	2571.70	5.37	ppb
Molybdenum	96-1	2464.89	2716.02	2523.22	2568.04	5.12	ppb
Molybdenum	97-1	2465.02	2695.10	2492.58	2550.90	4.93	ppb
Molybdenum	98-1	2454.02	2715.95	2518.20	2562.73	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.57	502.11	494.57	502.42	1.59	ppb
Phosphorus	31-2	9785.26	9522.47	9967.26	9758.33	2.29	ppb
Potassium	39-2	24985.22	24381.53	24127.33	24498.03	1.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				82		%
Selenium	77-2	485.71	486.66	543.54	505.30	6.55	ppb
Selenium	78-2	501.33	502.52	480.27	494.71	2.53	ppb
Selenium	82-1	500.66	546.60	510.80	519.36	4.65	ppb
Silicon	28-1	528.11	582.47	547.99	552.86	4.97	ppb
Silver	109-1	512.34	564.69	517.43	531.49	5.43	ppb
Silver	107-1	512.48	558.61	516.78	529.29	4.81	ppb
Sodium	23-2	52143.98	51065.26	50380.54	51196.59	1.74	ppb
Strontium	86-1	494.22	543.56	503.15	513.64	5.12	ppb
Strontium	88-1	496.56	544.02	505.21	515.26	4.91	ppb
Sulfur	34-1	9892.74	11433.90	10077.21	10467.95	8.04	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	505.14	547.50	505.58	519.41	4.68	ppb
Thallium	205-1	494.56	540.17	498.62	511.12	4.94	ppb
Tin	118-1	512.23	555.40	510.99	526.21	4.81	ppb
Titanium	47-1	2526.25	2731.28	2540.42	2599.32	4.40	ppb
Uranium	238-1	490.27	536.40	500.65	509.10	4.75	ppb
Vanadium	51-2	504.95	496.57	488.78	496.77	1.63	ppb
Yttrium	89-1				94		%
Yttrium	89-2				87		%
Zinc	66-2	1021.30	1007.01	985.84	1004.72	1.78	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:43:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.16	540.54	501.52	511.07	5.10	ppb
Zirconium	91-1	498.29	547.06	510.38	518.57	4.90	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19972.39	19764.84	19383.66	19706.96	1.52	ppb
Antimony	121-1	1003.68	979.93	966.26	983.29	1.93	ppb
Arsenic	75-1	1011.51	999.45	990.27	1000.41	1.06	ppb
Barium	135-1	5006.13	4948.27	4852.86	4935.75	1.57	ppb
Barium	137-1	4986.05	4972.31	4859.43	4939.26	1.41	ppb
Beryllium	9-1	997.58	987.14	971.55	985.42	1.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	983.99	998.97	991.57	991.51	0.76	ppb
Boron	11-1	990.30	984.88	995.19	990.12	0.52	ppb
Cadmium	111-1	995.65	982.44	978.11	985.40	0.93	ppb
Cadmium	106-1	996.70	983.00	967.03	982.24	1.51	ppb
Cadmium	108-1	990.30	982.41	967.92	980.21	1.16	ppb
Calcium	43-1	100315.89	98982.19	99206.96	99501.68	0.72	ppb
Calcium	44-1	98917.13	97115.59	97158.54	97730.42	1.05	ppb
Chromium	52-2	1018.52	998.77	983.76	1000.35	1.74	ppb
Cobalt	59-2	1015.15	1010.76	984.25	1003.39	1.67	ppb
Copper	63-2	2024.53	1987.24	1994.73	2002.16	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				83		%
Iron	56-2	52422.83	51446.68	50791.44	51553.65	1.59	ppb
Iron	57-2	52609.25	51315.04	50794.29	51572.86	1.81	ppb
Krypton	83-1						cps
Lead	206-1	1000.56	987.23	980.00	989.26	1.05	ppb
Lead	207-1	994.75	991.65	981.26	989.22	0.71	ppb
Lead	208-1	996.94	993.46	982.25	990.88	0.77	ppb
Lithium	6-1				95		%
Magnesium	24-2	105502.74	103815.34	102943.12	104087.06	1.25	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2035.63	1993.66	1973.06	2000.78	1.59	ppb
Molybdenum	94-1	5033.77	4945.53	4922.85	4967.38	1.18	ppb
Molybdenum	95-1	5007.83	4970.18	4904.92	4960.98	1.05	ppb
Molybdenum	96-1	5012.80	4962.46	4918.01	4964.43	0.96	ppb
Molybdenum	97-1	5050.10	4954.28	4917.35	4973.91	1.38	ppb
Molybdenum	98-1	5038.40	4951.58	4925.42	4971.80	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.50	1002.69	983.91	998.03	1.25	ppb
Phosphorus	31-2	20197.99	20181.40	19699.27	20026.22	1.41	ppb
Potassium	39-2	49455.91	49049.02	47706.55	48737.16	1.88	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				77		%
Selenium	77-2	1087.96	918.22	968.19	991.46	8.80	ppb
Selenium	78-2	1030.75	959.92	1005.62	998.76	3.60	ppb
Selenium	82-1	996.14	990.04	979.65	988.61	0.84	ppb
Silicon	28-1	973.82	968.49	951.60	964.64	1.20	ppb
Silver	109-1	991.18	975.70	964.10	976.99	1.39	ppb
Silver	107-1	992.60	977.37	964.45	978.14	1.44	ppb
Sodium	23-2	102959.61	101356.82	99518.20	101278.21	1.70	ppb
Strontium	86-1	996.96	993.25	987.53	992.58	0.48	ppb
Strontium	88-1	995.60	993.68	984.96	991.41	0.57	ppb
Sulfur	34-1	20129.72	19619.27	19360.51	19703.17	1.99	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	1000.76	991.05	975.81	989.21	1.27	ppb
Thallium	205-1	1005.11	995.29	981.54	993.98	1.19	ppb
Tin	118-1	993.15	982.04	970.47	981.89	1.15	ppb
Titanium	47-1	4964.85	4984.63	4877.25	4942.24	1.16	ppb
Uranium	238-1	1007.90	996.94	991.81	998.88	0.82	ppb
Vanadium	51-2	1014.76	1003.68	987.70	1002.05	1.36	ppb
Yttrium	89-1				93		%
Yttrium	89-2				83		%
Zinc	66-2	2033.74	1997.99	1960.35	1997.36	1.84	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1009.25	992.51	977.71	993.16	1.59	ppb
Zirconium	91-1	1001.45	996.90	974.21	990.85	1.47	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103098.89	95991.02	101168.26	100086.06	3.67	ppb
Antimony	121-1	2.86	2.69	2.76	2.77	3.10	ppb
Arsenic	75-1	1.82	1.66	1.46	1.65	10.96	ppb
Barium	135-1	1.36	1.28	1.46	1.37	6.66	ppb
Barium	137-1	1.49	1.48	1.37	1.44	4.56	ppb
Beryllium	9-1	0.72	0.48	0.60	0.60	20.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	50.17	45.92	41.29	45.79	9.70	ppb
Boron	11-1	47.77	43.14	39.87	43.60	9.11	ppb
Cadmium	111-1	0.18	0.19	0.09	0.15	34.92	ppb
Cadmium	106-1	-0.33	0.13	-1.17	-0.46		ppb
Cadmium	108-1	0.30	0.41	0.32	0.34	17.99	ppb
Calcium	43-1	499744.82	503599.76	496607.93	499984.17	0.70	ppb
Calcium	44-1	499428.94	503166.97	498672.91	500422.94	0.48	ppb
Chromium	52-2	54.83	50.71	54.21	53.25	4.17	ppb
Cobalt	59-2	12.50	11.94	12.43	12.29	2.51	ppb
Copper	63-2	4.65	4.35	4.55	4.52	3.37	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				104		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	255703.06	241663.91	251454.85	249607.27	2.88	ppb
Iron	57-2	254994.22	241102.44	252746.00	249614.22	2.99	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.11	1.09	1.11	1.46	ppb
Lead	207-1	1.07	1.05	1.05	1.06	1.12	ppb
Lead	208-1	1.07	1.09	1.04	1.07	2.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	514897.87	477158.77	504669.59	498908.75	3.91	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.56	14.96	15.29	15.27	1.98	ppb
Molybdenum	94-1	7.32	7.24	7.10	7.22	1.50	ppb
Molybdenum	95-1	9.86	9.13	9.60	9.53	3.90	ppb
Molybdenum	96-1	9.89	9.44	9.54	9.62	2.48	ppb
Molybdenum	97-1	9.37	9.08	9.26	9.24	1.55	ppb
Molybdenum	98-1	9.72	9.33	9.31	9.45	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.73	40.57	43.11	42.14	3.25	ppb
Phosphorus	31-2	-3.74	-5.08	38.92	10.03	249.45	ppb
Potassium	39-2	256894.64	240158.12	253840.60	250297.79	3.56	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	3.42	-1.47	-1.47	0.16	1747.87	ppb
Selenium	78-2	1.40	0.54	1.36	1.10	44.21	ppb
Selenium	82-1	0.78	0.77	0.55	0.70	18.15	ppb
Silicon	28-1	81.56	85.19	87.72	84.82	3.65	ppb
Silver	109-1	0.14	0.14	0.13	0.14	2.59	ppb
Silver	107-1	0.13	0.13	0.12	0.13	7.19	ppb
Sodium	23-2	514206.52	481779.14	502825.49	499603.72	3.29	ppb
Strontium	86-1	4.69	4.55	4.82	4.69	2.93	ppb
Strontium	88-1	4.87	4.75	4.85	4.82	1.36	ppb
Sulfur	34-1	-296.84	-465.43	-422.09	-394.78		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.58	0.54	0.54	0.55	3.79	ppb
Thallium	205-1	0.62	0.57	0.51	0.57	9.82	ppb
Tin	118-1	2.47	2.37	2.46	2.43	2.34	ppb
Titanium	47-1	1.74	1.42	1.61	1.59	9.90	ppb
Uranium	238-1	0.24	0.22	0.21	0.22	6.94	ppb
Vanadium	51-2	0.67	0.60	0.55	0.61	9.90	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	16.70	14.45	15.41	15.52	7.27	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.43	0.44	0.42	0.43	1.84	ppb
Zirconium	91-1	0.39	0.38	0.37	0.38	3.04	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:15:18 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	463.28	454.15	497.63	471.68	4.86	ppb
Antimony	121-1	202.99	206.41	210.20	206.53	1.75	ppb
Arsenic	75-1	186.33	189.33	191.66	189.11	1.41	ppb
Barium	135-1	100.05	101.91	103.16	101.71	1.54	ppb
Barium	137-1	101.22	101.81	103.08	102.04	0.93	ppb
Beryllium	9-1	103.03	100.50	102.70	102.08	1.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	4.64	4.62	3.95	4.40	8.93	ppb
Boron	11-1	4.01	3.99	4.75	4.25	10.18	ppb
Cadmium	111-1	101.07	102.63	105.22	102.97	2.04	ppb
Cadmium	106-1	86.34	87.13	90.37	87.95	2.43	ppb
Cadmium	108-1	94.11	92.19	98.85	95.05	3.61	ppb
Calcium	43-1	1854.70	1964.16	1965.49	1928.12	3.30	ppb
Calcium	44-1	1900.84	1935.10	1953.30	1929.75	1.38	ppb
Chromium	52-2	93.61	94.88	98.63	95.71	2.73	ppb
Cobalt	59-2	95.97	96.79	102.00	98.25	3.33	ppb
Copper	63-2	95.44	97.93	101.85	98.41	3.28	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	988.46	1004.94	1049.08	1014.16	3.09	ppb
Iron	57-2	984.59	993.48	1030.21	1002.76	2.41	ppb
Krypton	83-1						cps
Lead	206-1	198.67	203.10	202.80	201.52	1.23	ppb
Lead	207-1	188.25	191.89	192.40	190.85	1.18	ppb
Lead	208-1	193.46	198.34	199.46	197.09	1.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	1201.86	1206.69	1256.35	1221.64	2.47	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:15:18	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.26	95.49	101.48	97.41	3.62	ppb
Molybdenum	94-1	0.22	0.18	0.23	0.21	13.27	ppb
Molybdenum	95-1	0.15	0.16	0.16	0.16	1.64	ppb
Molybdenum	96-1	0.16	0.22	0.16	0.18	18.63	ppb
Molybdenum	97-1	0.12	0.09	0.13	0.12	18.79	ppb
Molybdenum	98-1	0.13	0.14	0.17	0.15	12.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.10	97.96	104.70	100.25	3.84	ppb
Phosphorus	31-2	-7.42	-7.02	-26.14	-13.52		ppb
Potassium	39-2	2019.54	1988.07	2145.02	2050.87	4.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	201.75	233.09	290.41	241.75	18.60	ppb
Selenium	78-2	219.04	226.19	207.41	217.55	4.36	ppb
Selenium	82-1	203.10	199.12	204.40	202.21	1.36	ppb
Silicon	28-1	-4.28	-3.61	-2.67	-3.52		ppb
Silver	109-1	90.93	92.20	93.07	92.06	1.17	ppb
Silver	107-1	90.60	92.42	93.47	92.17	1.57	ppb
Sodium	23-2	1955.50	1969.00	2088.17	2004.22	3.64	ppb
Strontium	86-1	2.03	2.26	2.27	2.19	6.02	ppb
Strontium	88-1	2.28	2.23	2.34	2.28	2.41	ppb
Sulfur	34-1	-610.35	-253.18	-309.30	-390.94		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	201.25	204.71	204.98	203.64	1.02	ppb
Thallium	205-1	199.87	202.11	202.76	201.58	0.75	ppb
Tin	118-1	0.02	0.06	0.05	0.04	54.57	ppb
Titanium	47-1	0.08	0.15	0.07	0.10	41.67	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	26.99	ppb
Vanadium	51-2	94.82	97.33	101.48	97.88	3.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	192.43	192.71	205.91	197.02	3.91	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:15:18	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	3.29	ppb
Zirconium	91-1	0.12	0.10	0.14	0.12	15.11	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	21.41	19.37	20.89	6.42	ppb
Antimony	121-1	2.19	2.39	2.21	2.26	4.79	ppb
Arsenic	75-1	0.89	0.97	1.05	0.97	8.51	ppb
Barium	135-1	9.91	11.18	10.39	10.49	6.12	ppb
Barium	137-1	10.31	11.17	10.73	10.74	4.02	ppb
Beryllium	9-1	1.10	1.27	1.20	1.19	7.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	28.37	29.57	28.84	28.93	2.09	ppb
Boron	11-1	26.80	28.87	28.43	28.03	3.90	ppb
Cadmium	111-1	1.00	1.13	0.92	1.02	10.34	ppb
Cadmium	106-1	0.98	0.53	0.45	0.65	43.84	ppb
Cadmium	108-1	1.00	1.32	1.01	1.11	16.27	ppb
Calcium	43-1	493.23	525.34	461.08	493.22	6.51	ppb
Calcium	44-1	477.67	518.94	479.35	491.99	4.75	ppb
Chromium	52-2	2.33	2.01	2.06	2.13	8.13	ppb
Cobalt	59-2	0.94	1.10	1.06	1.03	7.86	ppb
Copper	63-2	2.05	2.07	1.93	2.02	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	53.89	52.47	52.21	52.86	1.71	ppb
Iron	57-2	55.29	50.66	53.89	53.28	4.45	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.12	1.05	1.06	5.50	ppb
Lead	207-1	1.04	1.14	1.07	1.08	4.56	ppb
Lead	208-1	1.02	1.12	1.03	1.06	5.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	514.34	521.69	481.22	505.75	4.26	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.19	1.11	0.97	1.09	10.37	ppb
Molybdenum	94-1	5.02	5.06	4.85	4.98	2.19	ppb
Molybdenum	95-1	5.19	5.48	5.02	5.23	4.50	ppb
Molybdenum	96-1	4.84	5.11	5.17	5.04	3.54	ppb
Molybdenum	97-1	4.79	5.28	4.92	5.00	5.04	ppb
Molybdenum	98-1	4.86	5.37	4.82	5.02	6.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.04	1.01	1.00	4.48	ppb
Phosphorus	31-2	-26.14	-7.08	11.41	-7.27		ppb
Potassium	39-2	581.44	549.31	527.02	552.59	4.95	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-1.47	2.84	2.84	1.41	177.01	ppb
Selenium	78-2	8.39	6.29	3.38	6.02	41.85	ppb
Selenium	82-1	6.05	6.01	4.52	5.53	15.83	ppb
Silicon	28-1	10.46	13.94	9.32	11.24	21.41	ppb
Silver	109-1	1.08	1.20	1.11	1.13	5.24	ppb
Silver	107-1	1.06	1.22	1.10	1.13	7.10	ppb
Sodium	23-2	532.53	516.97	525.02	524.84	1.48	ppb
Strontium	86-1	1.00	1.21	1.06	1.09	9.80	ppb
Strontium	88-1	1.02	1.11	1.00	1.05	5.28	ppb
Sulfur	34-1	-113.67	534.96	-365.86	18.48	2515.19	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.97	1.14	1.02	1.04	8.28	ppb
Thallium	205-1	1.01	1.09	1.08	1.06	4.14	ppb
Tin	118-1	5.13	5.56	5.29	5.33	4.07	ppb
Titanium	47-1	5.33	5.13	4.92	5.13	3.97	ppb
Uranium	238-1	0.95	1.02	0.94	0.97	4.24	ppb
Vanadium	51-2	4.75	5.01	4.76	4.84	3.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.35	2.64	2.71	2.57	7.39	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.96	1.05	0.89	0.97	8.28	ppb
Zirconium	91-1	1.03	0.94	0.90	0.96	7.24	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:28:53 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	-0.26	0.44	0.19	206.50	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	11.50	ppb
Arsenic	75-1	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.02	0.01	64.30	ppb
Barium	137-1	0.01	0.00	0.01	0.00	133.17	ppb
Beryllium	9-1	0.04	0.08	0.04	0.05	37.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	3.40	2.93	3.23	3.19	7.43	ppb
Boron	11-1	3.78	3.71	3.32	3.60	6.85	ppb
Cadmium	111-1	-0.02	-0.06	-0.01	-0.03		ppb
Cadmium	106-1	-0.28	-0.84	-0.17	-0.43		ppb
Cadmium	108-1	-0.04	0.08	0.10	0.05	169.95	ppb
Calcium	43-1	0.47	-1.69	2.35	0.38	536.30	ppb
Calcium	44-1	-1.40	-1.53	-1.75	-1.56		ppb
Chromium	52-2	-0.03	0.05	0.05	0.02	222.93	ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	58.08	ppb
Copper	63-2	-0.01	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.27	0.47	0.18	0.31	48.40	ppb
Iron	57-2	0.15	-0.16	-0.13	-0.05		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	15.40	ppb
Lead	207-1	0.03	0.03	0.03	0.03	11.44	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.46	-1.09	-0.15	0.07	1731.35	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:28:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	0.04	0.02	156.89	ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	4.27	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	5.93	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.04	16.83	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	43.88	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	56.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.08	-0.10	-0.05		ppb
Phosphorus	31-2	-26.14	-7.55	-26.14	-19.94		ppb
Potassium	39-2	28.03	11.92	14.82	18.26	47.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	-1.47	-1.47	2.84	-0.03		ppb
Selenium	78-2	1.87	-0.25	0.48	0.70	153.61	ppb
Selenium	82-1	0.19	0.58	-0.09	0.23	148.49	ppb
Silicon	28-1	-5.06	-5.01	-5.11	-5.06		ppb
Silver	109-1	0.00	0.00	0.00	0.00	100.65	ppb
Silver	107-1	0.00	0.00	0.00	0.00	26.81	ppb
Sodium	23-2	12.53	20.88	14.01	15.81	28.18	ppb
Strontium	86-1	-0.04	-0.01	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.08	ppb
Sulfur	34-1	-81.74	-299.07	-303.83	-228.21		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	21.61	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.66	ppb
Tin	118-1	0.03	0.06	0.02	0.04	42.20	ppb
Titanium	47-1	0.11	-0.01	0.05	0.05	130.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	154.65	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.03	-0.19	-0.09	-0.08		ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:28:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.02	26.45	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	87.18	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:32:15 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87928.22	91522.89	87615.44	89022.18	2.44	ppb
Antimony	121-1	1.11	1.15	1.13	1.13	2.00	ppb
Arsenic	75-1	1.22	1.22	1.45	1.30	10.31	ppb
Barium	135-1	1.51	1.50	1.49	1.50	0.54	ppb
Barium	137-1	1.39	1.47	1.45	1.44	2.87	ppb
Beryllium	9-1	0.31	0.30	0.27	0.29	7.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	5.35	4.48	3.09	4.31	26.49	ppb
Boron	11-1	4.69	4.05	4.44	4.39	7.41	ppb
Cadmium	111-1	0.33	0.21	0.21	0.25	28.83	ppb
Cadmium	106-1	-0.27	-1.98	-1.87	-1.38		ppb
Cadmium	108-1	7.35	8.22	7.65	7.74	5.73	ppb
Calcium	43-1	94791.10	95365.76	95284.58	95147.15	0.33	ppb
Calcium	44-1	92963.98	94746.36	93409.83	93706.72	0.99	ppb
Chromium	52-2	22.53	23.54	22.65	22.91	2.41	ppb
Cobalt	59-2	1.15	1.21	1.22	1.19	3.08	ppb
Copper	63-2	7.46	7.52	7.59	7.52	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	99201.99	102353.88	98986.59	100180.82	1.88	ppb
Iron	57-2	98270.46	101816.07	98206.98	99431.17	2.08	ppb
Krypton	83-1						cps
Lead	206-1	4.68	4.87	4.63	4.73	2.66	ppb
Lead	207-1	4.18	4.31	4.14	4.21	2.10	ppb
Lead	208-1	4.36	4.45	4.31	4.37	1.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	99570.94	103585.78	99312.16	100822.96	2.38	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:32:15	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.87	8.35	7.98	8.06	3.12	ppb
Molybdenum	94-1	1304.41	1327.66	1317.47	1316.51	0.89	ppb
Molybdenum	95-1	1879.29	1905.50	1887.42	1890.73	0.71	ppb
Molybdenum	96-1	1797.68	1845.53	1799.46	1814.22	1.50	ppb
Molybdenum	97-1	1869.85	1908.86	1873.70	1884.14	1.14	ppb
Molybdenum	98-1	1870.20	1902.14	1872.22	1881.52	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.87	7.96	7.41	7.75	3.78	ppb
Phosphorus	31-2	99324.34	103041.13	101589.42	101318.30	1.85	ppb
Potassium	39-2	97953.03	101079.80	97756.36	98929.73	1.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	1.36	0.59	0.56	0.84	54.80	ppb
Selenium	82-1	-0.10	0.05	0.58	0.18	201.74	ppb
Silicon	28-1	19.36	19.79	20.41	19.85	2.67	ppb
Silver	109-1	0.03	0.05	0.05	0.05	25.46	ppb
Silver	107-1	0.04	0.04	0.07	0.05	34.38	ppb
Sodium	23-2	98548.10	101862.01	97133.41	99181.17	2.45	ppb
Strontium	86-1	32.15	32.35	32.48	32.32	0.52	ppb
Strontium	88-1	32.45	33.34	32.72	32.84	1.38	ppb
Sulfur	34-1	78163.02	78803.72	77832.93	78266.56	0.63	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.10	0.09	9.71	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	5.57	ppb
Tin	118-1	0.57	0.21	0.36	0.38	47.79	ppb
Titanium	47-1	1942.98	1997.05	1943.48	1961.17	1.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.31	ppb
Vanadium	51-2	0.20	0.14	0.22	0.18	22.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	11.71	11.81	11.44	11.66	1.64	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:32:15	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.28	0.25	0.29	12.94	ppb
Zirconium	91-1	0.31	0.24	0.26	0.27	13.79	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88360.54	87917.93	86912.69	87730.39	0.85	ppb
Antimony	121-1	19.97	20.48	20.04	20.16	1.37	ppb
Arsenic	75-1	19.05	20.55	20.21	19.94	3.94	ppb
Barium	135-1	21.23	21.00	21.08	21.10	0.56	ppb
Barium	137-1	20.67	21.33	20.82	20.94	1.65	ppb
Beryllium	9-1	21.03	19.79	20.54	20.46	3.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	4.04	3.33	4.72	4.03	17.25	ppb
Boron	11-1	4.13	3.90	4.35	4.12	5.45	ppb
Cadmium	111-1	18.77	19.47	19.32	19.19	1.92	ppb
Cadmium	106-1	14.02	14.73	15.68	14.81	5.64	ppb
Cadmium	108-1	23.50	25.03	25.39	24.64	4.06	ppb
Calcium	43-1	93573.99	95117.24	95099.28	94596.84	0.94	ppb
Calcium	44-1	91473.77	95251.87	93177.40	93301.02	2.03	ppb
Chromium	52-2	44.43	44.68	44.50	44.53	0.29	ppb
Cobalt	59-2	20.75	20.22	20.09	20.35	1.72	ppb
Copper	63-2	26.58	26.46	26.26	26.43	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	99084.73	99387.44	97913.00	98795.06	0.79	ppb
Iron	57-2	97959.31	97960.98	97048.88	97656.39	0.54	ppb
Krypton	83-1						cps
Lead	206-1	24.30	24.95	24.81	24.69	1.40	ppb
Lead	207-1	22.47	23.07	22.89	22.81	1.34	ppb
Lead	208-1	23.09	23.70	23.59	23.46	1.38	ppb
Lithium	6-1				95		%
Magnesium	24-2	97444.88	99016.12	97863.99	98108.33	0.83	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.88	28.38	26.92	27.73	2.69	ppb
Molybdenum	94-1	1307.11	1333.72	1308.98	1316.61	1.13	ppb
Molybdenum	95-1	1862.10	1911.08	1863.39	1878.86	1.49	ppb
Molybdenum	96-1	1798.09	1829.87	1798.63	1808.86	1.01	ppb
Molybdenum	97-1	1853.16	1904.96	1857.34	1871.82	1.54	ppb
Molybdenum	98-1	1865.00	1898.97	1868.07	1877.35	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.68	28.57	28.22	28.49	0.83	ppb
Phosphorus	31-2	100249.85	99192.46	99259.71	99567.34	0.59	ppb
Potassium	39-2	98733.74	98533.43	96623.65	97963.61	1.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	31.81	17.51	17.35	22.22	37.36	ppb
Selenium	78-2	14.94	18.10	24.28	19.11	24.85	ppb
Selenium	82-1	17.94	20.03	18.71	18.89	5.61	ppb
Silicon	28-1	20.27	22.87	21.98	21.70	6.10	ppb
Silver	109-1	18.45	18.77	18.14	18.45	1.71	ppb
Silver	107-1	18.13	18.70	18.35	18.39	1.56	ppb
Sodium	23-2	97327.38	97242.30	96638.54	97069.41	0.39	ppb
Strontium	86-1	31.67	31.88	31.85	31.80	0.35	ppb
Strontium	88-1	32.50	33.13	32.36	32.66	1.26	ppb
Sulfur	34-1	76092.80	79537.31	78138.21	77922.77	2.22	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	19.17	19.77	19.53	19.49	1.55	ppb
Thallium	205-1	19.50	20.16	19.80	19.82	1.67	ppb
Tin	118-1	0.27	0.27	0.27	0.27	0.71	ppb
Titanium	47-1	1911.61	1973.48	1967.68	1950.92	1.75	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	11.06	ppb
Vanadium	51-2	19.41	19.26	18.46	19.04	2.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	30.94	29.82	32.68	31.15	4.62	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.15	0.16	7.59	ppb
Zirconium	91-1	0.18	0.14	0.17	0.16	11.82	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:38:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54226.00	53192.11	52164.76	53194.29	1.94	ppb
Antimony	121-1	514.56	507.28	520.12	513.99	1.25	ppb
Arsenic	75-1	488.21	488.84	491.53	489.52	0.36	ppb
Barium	135-1	2582.79	2614.19	2599.21	2598.73	0.60	ppb
Barium	137-1	2563.70	2575.84	2585.69	2575.08	0.43	ppb
Beryllium	9-1	530.20	533.56	549.45	537.74	1.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	522.98	538.67	558.68	540.11	3.31	ppb
Boron	11-1	513.92	529.35	560.32	534.53	4.42	ppb
Cadmium	111-1	494.61	501.18	503.94	499.91	0.96	ppb
Cadmium	106-1	506.79	498.89	509.70	505.13	1.11	ppb
Cadmium	108-1	499.65	508.23	506.65	504.84	0.91	ppb
Calcium	43-1	242863.51	245137.31	247728.78	245243.20	0.99	ppb
Calcium	44-1	243388.51	245509.58	249782.34	246226.81	1.32	ppb
Chromium	52-2	563.38	551.81	538.40	551.20	2.27	ppb
Cobalt	59-2	496.35	489.78	474.90	487.01	2.26	ppb
Copper	63-2	1002.41	978.50	938.20	973.04	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	133099.13	131279.97	127921.00	130766.70	2.01	ppb
Iron	57-2	134556.08	132918.33	128894.72	132123.04	2.20	ppb
Krypton	83-1						cps
Lead	206-1	516.11	520.78	529.38	522.09	1.29	ppb
Lead	207-1	517.27	524.29	530.62	524.06	1.27	ppb
Lead	208-1	513.57	520.01	526.15	519.91	1.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	256512.37	253162.40	249189.51	252954.76	1.45	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:38:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.98	1021.34	988.75	1013.02	2.11	ppb
Molybdenum	94-1	2539.10	2562.71	2581.45	2561.09	0.83	ppb
Molybdenum	95-1	2553.44	2552.95	2598.30	2568.23	1.01	ppb
Molybdenum	96-1	2544.35	2539.37	2601.85	2561.86	1.36	ppb
Molybdenum	97-1	2514.34	2548.07	2600.04	2554.15	1.69	ppb
Molybdenum	98-1	2521.50	2557.47	2601.26	2560.08	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.40	520.87	505.21	518.16	2.28	ppb
Phosphorus	31-2	10149.22	10551.40	10369.71	10356.78	1.94	ppb
Potassium	39-2	133944.12	131618.20	126607.89	130723.41	2.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	470.93	500.88	405.30	459.04	10.65	ppb
Selenium	78-2	548.62	527.94	502.45	526.34	4.39	ppb
Selenium	82-1	499.71	503.73	515.69	506.37	1.64	ppb
Silicon	28-1	516.95	518.43	527.60	521.00	1.11	ppb
Silver	109-1	510.14	505.08	512.41	509.21	0.74	ppb
Silver	107-1	506.78	508.50	509.83	508.37	0.30	ppb
Sodium	23-2	256841.07	252706.43	247185.31	252244.27	1.92	ppb
Strontium	86-1	508.96	518.45	527.77	518.39	1.81	ppb
Strontium	88-1	511.37	513.02	523.44	515.94	1.27	ppb
Sulfur	34-1	9115.96	9252.69	9353.88	9240.84	1.29	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	512.62	520.34	526.50	519.82	1.34	ppb
Thallium	205-1	512.97	518.59	529.55	520.37	1.62	ppb
Tin	118-1	518.81	524.24	522.33	521.79	0.53	ppb
Titanium	47-1	2561.05	2574.28	2608.76	2581.36	0.95	ppb
Uranium	238-1	511.82	524.59	525.10	520.50	1.45	ppb
Vanadium	51-2	519.89	511.27	500.56	510.57	1.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	982.82	981.50	947.15	970.49	2.08	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:38:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.50	509.75	519.65	512.30	1.26	ppb
Zirconium	91-1	516.26	518.12	524.00	519.46	0.78	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:41:58 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.19	2.45	0.57	1.74	58.78	ppb
Antimony	121-1	1.24	1.07	1.07	1.13	8.62	ppb
Arsenic	75-1	0.16	0.13	0.15	0.15	10.96	ppb
Barium	135-1	0.09	0.07	0.09	0.08	18.17	ppb
Barium	137-1	0.09	0.09	0.06	0.08	18.34	ppb
Beryllium	9-1	0.37	0.27	0.22	0.29	25.41	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	17.43	15.62	16.81	16.62	5.53	ppb
Boron	11-1	17.37	15.52	15.72	16.20	6.26	ppb
Cadmium	111-1	-0.01	-0.02	-0.07	-0.04		ppb
Cadmium	106-1	-0.59	-0.81	-1.36	-0.92		ppb
Cadmium	108-1	-0.02	-0.02	0.10	0.02	342.62	ppb
Calcium	43-1	9.80	6.68	8.75	8.41	18.88	ppb
Calcium	44-1	9.74	8.29	8.26	8.77	9.63	ppb
Chromium	52-2	0.04	0.00	0.07	0.04	87.55	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	52.47	ppb
Copper	63-2	0.15	0.09	0.09	0.11	34.93	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				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	6.83	6.44	5.91	6.39	7.15	ppb
Iron	57-2	6.12	9.94	7.24	7.77	25.26	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.09	0.10	11.20	ppb
Lead	207-1	0.12	0.11	0.12	0.12	4.51	ppb
Lead	208-1	0.11	0.10	0.11	0.11	4.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.74	4.12	7.19	6.35	30.76	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:41:58	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	-0.04	0.02	0.03	241.02	ppb
Molybdenum	94-1	1.04	0.95	0.99	1.00	4.66	ppb
Molybdenum	95-1	1.14	0.95	1.05	1.05	8.68	ppb
Molybdenum	96-1	1.17	1.01	1.02	1.07	8.62	ppb
Molybdenum	97-1	1.16	0.93	0.91	1.00	13.92	ppb
Molybdenum	98-1	1.16	0.97	0.97	1.03	10.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.13	-0.13	-0.10		ppb
Phosphorus	31-2	-26.14	15.10	-26.14	-12.39		ppb
Potassium	39-2	40.32	41.96	38.19	40.16	4.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	-0.25	2.05	0.52	255.78	ppb
Selenium	82-1	0.13	-0.07	-0.15	-0.03		ppb
Silicon	28-1	-5.19	-6.35	-4.09	-5.21		ppb
Silver	109-1	0.05	0.05	0.05	0.05	6.89	ppb
Silver	107-1	0.05	0.06	0.06	0.06	9.75	ppb
Sodium	23-2	72.87	55.71	43.32	57.30	25.90	ppb
Strontium	86-1	-0.05	0.00	-0.02	-0.02		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	23.94	ppb
Sulfur	34-1	-952.05	-1130.21	-574.90	-885.72		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.19	0.18	0.20	11.09	ppb
Thallium	205-1	0.20	0.18	0.20	0.19	7.15	ppb
Tin	118-1	0.28	0.26	0.22	0.25	11.95	ppb
Titanium	47-1	0.25	0.24	0.24	0.24	2.40	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	23.59	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	208.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.10	0.21	0.04	0.11	75.63	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:41:58	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.16	0.16	0.17	0.48	ppb
Zirconium	91-1	0.22	0.15	0.13	0.17	28.95	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.36	23.49	18.91	19.92	16.00	ppb
Antimony	121-1	2.27	2.21	2.20	2.23	1.82	ppb
Arsenic	75-1	1.01	1.14	0.96	1.04	8.92	ppb
Barium	135-1	9.91	10.37	10.00	10.09	2.39	ppb
Barium	137-1	10.13	10.01	10.32	10.15	1.53	ppb
Beryllium	9-1	1.29	1.05	1.23	1.19	10.47	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	26.85	30.82	31.75	29.81	8.72	ppb
Boron	11-1	28.58	30.35	28.58	29.17	3.52	ppb
Cadmium	111-1	0.96	1.03	0.97	0.99	3.90	ppb
Cadmium	106-1	-0.20	0.18	0.20	0.06	377.90	ppb
Cadmium	108-1	1.09	1.12	1.12	1.11	1.75	ppb
Calcium	43-1	480.96	503.50	473.96	486.14	3.18	ppb
Calcium	44-1	478.40	477.27	472.20	475.96	0.69	ppb
Chromium	52-2	2.14	2.46	2.19	2.26	7.69	ppb
Cobalt	59-2	1.04	1.08	1.06	1.06	2.21	ppb
Copper	63-2	2.15	2.36	2.06	2.19	6.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	55.48	58.73	54.97	56.39	3.62	ppb
Iron	57-2	53.18	65.05	62.27	60.16	10.32	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.08	1.11	1.09	1.65	ppb
Lead	207-1	1.05	1.06	1.02	1.04	2.33	ppb
Lead	208-1	1.04	1.06	1.06	1.05	1.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	511.31	543.63	522.01	525.65	3.13	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.05	1.25	1.09	14.05	ppb
Molybdenum	94-1	5.48	5.46	5.52	5.48	0.56	ppb
Molybdenum	95-1	5.17	5.19	5.28	5.21	1.16	ppb
Molybdenum	96-1	5.13	5.41	5.25	5.27	2.65	ppb
Molybdenum	97-1	5.01	4.95	5.14	5.03	1.96	ppb
Molybdenum	98-1	5.21	5.14	5.09	5.15	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.14	1.19	1.09	12.04	ppb
Phosphorus	31-2	-5.06	-4.00	-5.42	-4.83		ppb
Potassium	39-2	544.58	601.68	503.02	549.76	9.01	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	12.38	8.16	3.10	7.88	59.03	ppb
Selenium	78-2	3.64	7.84	3.59	5.02	48.59	ppb
Selenium	82-1	4.74	6.06	5.84	5.55	12.74	ppb
Silicon	28-1	8.09	7.56	8.07	7.91	3.76	ppb
Silver	109-1	1.11	1.06	1.12	1.10	2.72	ppb
Silver	107-1	1.06	1.05	1.11	1.08	3.06	ppb
Sodium	23-2	565.26	596.63	556.39	572.76	3.69	ppb
Strontium	86-1	0.99	0.91	1.05	0.98	7.11	ppb
Strontium	88-1	1.00	0.98	1.01	0.99	1.64	ppb
Sulfur	34-1	-922.49	-743.95	-671.58	-779.34		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1.04	1.13	1.03	1.07	4.93	ppb
Thallium	205-1	1.04	1.05	1.10	1.07	3.14	ppb
Tin	118-1	5.11	5.09	5.26	5.15	1.81	ppb
Titanium	47-1	4.91	5.03	4.86	4.93	1.86	ppb
Uranium	238-1	0.97	0.94	0.97	0.96	1.99	ppb
Vanadium	51-2	4.98	5.54	4.78	5.10	7.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	2.12	2.69	2.10	2.30	14.57	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.29	1.27	1.24	1.27	1.90	ppb
Zirconium	91-1	1.23	1.31	1.17	1.23	5.85	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : PB113850BL Instrumnet Name : P8
 Client Sample ID : PB113850BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:50:06 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	1.46	0.18	0.73	90.23	ppb
Antimony	121-1	0.11	0.12	0.13	0.12	8.31	ppb
Arsenic	75-1	0.03	0.03	0.03	0.03	6.45	ppb
Barium	135-1	-0.01	0.02	0.03	0.01	131.89	ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.12	0.07	0.09	0.09	23.31	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	4.89	4.72	4.87	4.83	1.95	ppb
Boron	11-1	4.63	4.97	4.83	4.81	3.58	ppb
Cadmium	111-1	-0.05	-0.10	-0.09	-0.08		ppb
Cadmium	106-1	-0.96	-1.62	-1.47	-1.35		ppb
Cadmium	108-1	-0.07	-0.04	0.03	-0.03		ppb
Calcium	43-1	1.09	-1.09	3.10	1.04	202.36	ppb
Calcium	44-1	3.44	2.48	0.78	2.23	60.38	ppb
Chromium	52-2	-0.04	0.03	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	49.07	ppb
Copper	63-2	0.02	0.02	0.05	0.03	47.42	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				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2.04	1.97	1.94	1.98	2.69	ppb
Iron	57-2	1.04	3.53	2.81	2.46	52.22	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	18.70	ppb
Lead	207-1	0.06	0.04	0.06	0.05	20.10	ppb
Lead	208-1	0.05	0.04	0.05	0.05	11.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.03	4.53	4.23	5.26	29.14	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BL	Instrumnet Name :	P8
Client Sample ID :	PB113850BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:50:06	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.06	0.03	0.03	148.07	ppb
Molybdenum	94-1	0.10	0.18	0.16	0.15	28.46	ppb
Molybdenum	95-1	0.12	0.15	0.11	0.13	13.99	ppb
Molybdenum	96-1	0.14	0.15	0.15	0.15	5.52	ppb
Molybdenum	97-1	0.13	0.13	0.16	0.14	9.99	ppb
Molybdenum	98-1	0.15	0.13	0.13	0.14	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.07	-0.07	-0.08		ppb
Phosphorus	31-2	-5.99	-26.14	-6.11	-12.75		ppb
Potassium	39-2	33.56	30.50	20.88	28.31	23.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	0.56	0.51	0.27	164.78	ppb
Selenium	82-1	-0.05	-0.36	-0.19	-0.20		ppb
Silicon	28-1	-6.61	-7.02	-6.95	-6.86		ppb
Silver	109-1	0.01	0.01	0.02	0.01	16.09	ppb
Silver	107-1	0.02	0.02	0.01	0.02	12.49	ppb
Sodium	23-2	32.69	52.02	33.38	39.36	27.85	ppb
Strontium	86-1	-0.06	0.00	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.34	ppb
Sulfur	34-1	-625.81	-662.40	-761.42	-683.21		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.08	0.07	19.25	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	4.24	ppb
Tin	118-1	0.02	0.02	0.03	0.02	22.65	ppb
Titanium	47-1	0.12	0.02	0.03	0.06	105.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.10	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.38	0.58	0.57	0.51	22.78	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BL	Instrumnet Name :	P8
Client Sample ID :	PB113850BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:50:06	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.03	0.03	0.04	38.75	ppb
Zirconium	91-1	0.03	0.02	0.02	0.03	26.66	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10054.48	9918.89	10440.33	10137.90	2.67	ppb
Antimony	121-1	519.93	513.26	513.86	515.68	0.72	ppb
Arsenic	75-1	478.46	483.35	493.10	484.97	1.54	ppb
Barium	135-1	2579.88	2550.80	2567.26	2565.98	0.57	ppb
Barium	137-1	2562.77	2523.58	2565.73	2550.69	0.92	ppb
Beryllium	9-1	505.18	514.36	508.15	509.23	0.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	491.37	508.51	506.91	502.26	1.88	ppb
Boron	11-1	485.81	503.29	505.50	498.20	2.17	ppb
Cadmium	111-1	510.80	511.97	510.11	510.96	0.18	ppb
Cadmium	106-1	521.08	508.60	508.59	512.76	1.41	ppb
Cadmium	108-1	515.27	512.07	519.03	515.45	0.68	ppb
Calcium	43-1	48786.98	49930.51	50168.59	49628.70	1.49	ppb
Calcium	44-1	48421.85	49622.96	49917.60	49320.80	1.61	ppb
Chromium	52-2	507.60	504.47	531.05	514.37	2.82	ppb
Cobalt	59-2	499.58	494.32	522.10	505.33	2.92	ppb
Copper	63-2	1026.29	1004.95	1059.03	1030.09	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	26184.64	25991.62	27172.22	26449.49	2.39	ppb
Iron	57-2	25877.93	25809.68	26981.74	26223.12	2.51	ppb
Krypton	83-1						cps
Lead	206-1	497.83	502.81	505.27	501.97	0.75	ppb
Lead	207-1	499.18	508.16	502.28	503.21	0.91	ppb
Lead	208-1	496.20	503.95	502.81	500.99	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	53779.02	52753.30	56243.60	54258.64	3.31	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.44	1007.65	1053.15	1026.75	2.30	ppb
Molybdenum	94-1	2466.10	2505.12	2498.69	2489.97	0.84	ppb
Molybdenum	95-1	2465.85	2530.47	2508.97	2501.76	1.32	ppb
Molybdenum	96-1	2462.42	2500.96	2508.32	2490.56	0.99	ppb
Molybdenum	97-1	2458.93	2497.02	2496.15	2484.03	0.88	ppb
Molybdenum	98-1	2450.83	2501.37	2521.77	2491.32	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.82	500.98	530.41	512.74	3.04	ppb
Phosphorus	31-2	9985.28	10523.61	11395.05	10634.65	6.69	ppb
Potassium	39-2	25436.83	25222.34	26805.08	25821.41	3.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	534.30	541.73	613.70	563.24	7.79	ppb
Selenium	78-2	538.79	528.15	552.87	539.93	2.30	ppb
Selenium	82-1	495.14	502.32	509.81	502.42	1.46	ppb
Silicon	28-1	518.67	528.51	537.76	528.31	1.81	ppb
Silver	109-1	522.55	525.73	522.50	523.59	0.35	ppb
Silver	107-1	524.38	523.17	519.01	522.19	0.54	ppb
Sodium	23-2	52677.27	52170.86	54929.34	53259.16	2.76	ppb
Strontium	86-1	506.62	507.08	505.25	506.32	0.19	ppb
Strontium	88-1	496.96	500.86	502.30	500.04	0.55	ppb
Sulfur	34-1	9095.64	9159.40	9412.46	9222.50	1.82	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	504.59	498.83	506.00	503.14	0.75	ppb
Thallium	205-1	496.36	495.85	501.97	498.06	0.68	ppb
Tin	118-1	521.47	522.78	519.63	521.29	0.30	ppb
Titanium	47-1	2500.55	2527.22	2586.10	2537.96	1.72	ppb
Uranium	238-1	482.75	483.66	488.62	485.01	0.65	ppb
Vanadium	51-2	505.75	504.56	529.08	513.13	2.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	1011.44	996.76	1062.67	1023.62	3.38	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.36	502.76	500.93	499.68	0.77	ppb
Zirconium	91-1	500.26	510.13	512.45	507.61	1.28	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.59	13.40	11.95	11.64	16.52	ppb
Antimony	121-1	0.76	0.68	0.71	0.72	5.67	ppb
Arsenic	75-1	4.66	4.77	4.96	4.80	3.21	ppb
Barium	135-1	1217.24	1234.57	1250.47	1234.09	1.35	ppb
Barium	137-1	1205.48	1223.47	1240.82	1223.26	1.44	ppb
Beryllium	9-1	0.29	0.17	0.31	0.25	28.66	ppb
Bismuth	209-1				122		%
Bismuth	209-2				115		%
Boron	10-1	42.24	37.55	39.89	39.89	5.87	ppb
Boron	11-1	39.44	37.91	37.61	38.32	2.57	ppb
Cadmium	111-1	0.03	0.00	-0.02	0.00	593.89	ppb
Cadmium	106-1	-0.24	-0.91	-0.86	-0.67		ppb
Cadmium	108-1	0.14	0.12	0.08	0.11	25.54	ppb
Calcium	43-1	92026.21	91818.04	91981.94	91942.06	0.12	ppb
Calcium	44-1	91018.12	92062.62	91364.59	91481.78	0.58	ppb
Chromium	52-2	0.60	0.65	0.58	0.61	6.45	ppb
Cobalt	59-2	0.05	0.03	0.04	0.04	24.59	ppb
Copper	63-2	117.94	119.33	117.29	118.19	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				122		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				108		%
Iron	56-2	6.91	7.21	6.53	6.88	4.96	ppb
Iron	57-2	3.73	6.78	10.96	7.16	50.72	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	0.95	0.96	0.21	ppb
Lead	207-1	0.89	0.91	0.91	0.91	1.19	ppb
Lead	208-1	0.92	0.92	0.92	0.92	0.09	ppb
Lithium	6-1				111		%
Magnesium	24-2	35607.76	35631.77	35268.61	35502.71	0.57	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.60	0.81	0.64	0.69	16.29	ppb
Molybdenum	94-1	0.88	0.74	0.70	0.78	12.41	ppb
Molybdenum	95-1	1.17	1.11	1.03	1.10	6.56	ppb
Molybdenum	96-1	1.14	1.05	0.99	1.06	7.18	ppb
Molybdenum	97-1	1.20	1.03	0.93	1.06	12.83	ppb
Molybdenum	98-1	1.16	1.01	0.96	1.04	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.09	1.12	1.14	5.63	ppb
Phosphorus	31-2	10.36	-26.14	-7.82	-7.87		ppb
Potassium	39-2	1470.26	1487.66	1517.49	1491.81	1.60	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.44	1.79	-0.25	0.66	157.11	ppb
Selenium	82-1	0.35	0.50	0.52	0.46	20.05	ppb
Silicon	28-1	9284.24	9400.61	9351.78	9345.54	0.63	ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.50	ppb
Silver	107-1	0.08	0.06	0.07	0.07	14.58	ppb
Sodium	23-2	23683.19	24344.72	23877.42	23968.44	1.42	ppb
Strontium	86-1	472.58	471.86	472.18	472.21	0.08	ppb
Strontium	88-1	470.38	469.69	473.73	471.27	0.46	ppb
Sulfur	34-1	1464.35	1595.56	1762.34	1607.42	9.29	ppb
Terbium	159-1				121		%
Terbium	159-2				115		%
Thallium	203-1	0.18	0.15	0.15	0.16	10.60	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	6.86	ppb
Tin	118-1	0.40	0.37	0.35	0.37	7.05	ppb
Titanium	47-1	0.48	0.54	0.49	0.50	6.83	ppb
Uranium	238-1	1.97	2.02	1.98	1.99	1.24	ppb
Vanadium	51-2	2.54	2.50	2.46	2.50	1.44	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	44.71	45.13	43.58	44.47	1.79	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	4.36	ppb
Zirconium	91-1	0.03	0.06	0.00	0.03	88.41	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.88	9.90	14.88	10.89	33.10	ppb
Antimony	121-1	0.22	0.24	0.21	0.22	7.09	ppb
Arsenic	75-1	4.85	4.88	4.93	4.89	0.86	ppb
Barium	135-1	1229.22	1231.03	1233.70	1231.32	0.18	ppb
Barium	137-1	1216.94	1215.90	1232.24	1221.69	0.75	ppb
Beryllium	9-1	0.16	0.20	0.18	0.18	9.99	ppb
Bismuth	209-1				122		%
Bismuth	209-2				114		%
Boron	10-1	29.95	28.92	27.63	28.83	4.03	ppb
Boron	11-1	29.26	29.28	29.63	29.39	0.70	ppb
Cadmium	111-1	-0.11	-0.09	-0.01	-0.07		ppb
Cadmium	106-1	-1.96	-1.47	-0.45	-1.29		ppb
Cadmium	108-1	0.06	0.14	0.06	0.09	56.09	ppb
Calcium	43-1	92779.01	92246.92	92639.97	92555.30	0.30	ppb
Calcium	44-1	91280.43	91050.29	92194.00	91508.24	0.66	ppb
Chromium	52-2	0.58	0.57	0.58	0.57	0.76	ppb
Cobalt	59-2	0.03	0.00	0.02	0.02	108.15	ppb
Copper	63-2	120.59	120.68	121.52	120.93	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	56-2	5.51	5.47	5.87	5.62	3.87	ppb
Iron	57-2	7.58	9.26	8.40	8.41	9.95	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.84	0.92	0.87	4.87	ppb
Lead	207-1	0.84	0.82	0.86	0.84	2.22	ppb
Lead	208-1	0.84	0.83	0.87	0.85	2.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	35779.06	35327.89	36097.11	35734.69	1.08	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.46	0.54	0.34	0.45	22.10	ppb
Molybdenum	94-1	0.32	0.33	0.32	0.32	1.99	ppb
Molybdenum	95-1	0.55	0.45	0.45	0.48	12.17	ppb
Molybdenum	96-1	0.48	0.48	0.45	0.47	3.37	ppb
Molybdenum	97-1	0.46	0.37	0.45	0.43	10.95	ppb
Molybdenum	98-1	0.46	0.44	0.47	0.46	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.15	1.08	1.13	3.74	ppb
Phosphorus	31-2	11.45	30.20	-7.08	11.52	161.80	ppb
Potassium	39-2	1470.43	1523.40	1487.55	1493.79	1.81	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	1.13	0.45	1.16	0.91	44.15	ppb
Selenium	82-1	0.61	0.20	0.48	0.43	48.76	ppb
Silicon	28-1	9249.12	9273.12	9368.35	9296.86	0.68	ppb
Silver	109-1	0.03	0.05	0.04	0.04	14.72	ppb
Silver	107-1	0.04	0.04	0.03	0.04	16.06	ppb
Sodium	23-2	24789.28	24147.97	24143.70	24360.32	1.53	ppb
Strontium	86-1	474.74	475.84	471.47	474.02	0.48	ppb
Strontium	88-1	467.53	472.24	472.64	470.81	0.60	ppb
Sulfur	34-1	1631.05	1723.48	1940.37	1764.97	9.00	ppb
Terbium	159-1				121		%
Terbium	159-2				114		%
Thallium	203-1	0.06	0.08	0.07	0.07	11.41	ppb
Thallium	205-1	0.07	0.07	0.06	0.06	5.39	ppb
Tin	118-1	0.20	0.21	0.17	0.19	11.23	ppb
Titanium	47-1	0.48	0.46	0.32	0.42	20.27	ppb
Uranium	238-1	1.94	1.96	1.99	1.96	1.43	ppb
Vanadium	51-2	2.47	2.56	2.67	2.57	3.98	ppb
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	42.65	43.55	41.40	42.53	2.53	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	18.64	ppb
Zirconium	91-1	0.02	0.03	-0.01	0.01	141.47	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	1.68	3.57	2.43	41.57	ppb
Antimony	121-1	0.17	0.17	0.19	0.18	5.23	ppb
Arsenic	75-1	1.25	1.20	1.01	1.15	10.98	ppb
Barium	135-1	242.10	238.49	243.13	241.24	1.01	ppb
Barium	137-1	240.73	238.79	244.43	241.32	1.19	ppb
Beryllium	9-1	0.12	0.15	0.14	0.14	9.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	12.27	10.86	12.17	11.77	6.69	ppb
Boron	11-1	12.60	11.33	11.81	11.91	5.41	ppb
Cadmium	111-1	-0.04	-0.08	-0.03	-0.05		ppb
Cadmium	106-1	-0.66	-1.39	-0.52	-0.86		ppb
Cadmium	108-1	0.00	-0.07	0.00	-0.02		ppb
Calcium	43-1	18249.18	18291.36	18627.40	18389.32	1.13	ppb
Calcium	44-1	18356.96	18228.50	18657.91	18414.46	1.20	ppb
Chromium	52-2	0.10	0.07	0.18	0.12	47.97	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	23.90	24.37	24.55	24.27	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	2.31	1.95	2.07	2.11	8.51	ppb
Iron	57-2	2.50	2.89	1.47	2.29	32.19	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.21	0.23	0.21	5.92	ppb
Lead	207-1	0.19	0.22	0.19	0.20	10.12	ppb
Lead	208-1	0.20	0.20	0.21	0.20	3.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	6869.79	6896.13	6979.08	6915.00	0.82	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.08	0.17	0.13	37.34	ppb
Molybdenum	94-1	0.17	0.20	0.11	0.16	30.19	ppb
Molybdenum	95-1	0.21	0.24	0.23	0.23	7.87	ppb
Molybdenum	96-1	0.19	0.19	0.20	0.19	3.84	ppb
Molybdenum	97-1	0.15	0.16	0.20	0.17	14.75	ppb
Molybdenum	98-1	0.23	0.18	0.21	0.20	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.20	0.16	0.17	16.56	ppb
Phosphorus	31-2	34.74	14.68	-5.50	14.64	137.43	ppb
Potassium	39-2	306.95	334.85	314.34	318.71	4.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	-0.25	1.28	0.26	336.59	ppb
Selenium	82-1	-0.27	0.15	-0.16	-0.09		ppb
Silicon	28-1	1860.27	1835.98	1873.78	1856.67	1.03	ppb
Silver	109-1	0.02	0.03	0.02	0.02	23.06	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.29	ppb
Sodium	23-2	4633.80	4682.15	4765.44	4693.80	1.42	ppb
Strontium	86-1	93.11	92.73	94.79	93.54	1.17	ppb
Strontium	88-1	95.59	96.00	96.91	96.17	0.70	ppb
Sulfur	34-1	351.58	290.10	486.00	375.89	26.65	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.06	0.06	0.06	10.79	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	5.32	ppb
Tin	118-1	0.03	0.07	0.05	0.05	36.84	ppb
Titanium	47-1	0.10	0.11	0.20	0.14	39.78	ppb
Uranium	238-1	0.40	0.40	0.40	0.40	0.28	ppb
Vanadium	51-2	0.53	0.52	0.62	0.56	10.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	9.93	9.09	8.27	9.09	9.12	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.04	0.03	35.07	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	9.15	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1928.74	2135.50	1972.68	2012.31	5.41	ppb
Antimony	121-1	824.62	820.52	833.82	826.32	0.82	ppb
Arsenic	75-1	804.02	822.61	822.39	816.34	1.31	ppb
Barium	135-1	1462.16	1440.21	1472.48	1458.29	1.13	ppb
Barium	137-1	1442.83	1430.32	1435.68	1436.28	0.44	ppb
Beryllium	9-1	211.56	214.24	212.19	212.66	0.66	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	10-1	319.68	327.43	331.78	326.30	1.88	ppb
Boron	11-1	316.16	328.19	331.58	325.31	2.49	ppb
Cadmium	111-1	206.98	207.68	209.25	207.97	0.56	ppb
Cadmium	106-1	176.53	176.36	178.90	177.26	0.80	ppb
Cadmium	108-1	191.39	191.88	194.86	192.71	0.97	ppb
Calcium	43-1	94674.95	96477.58	95909.85	95687.46	0.96	ppb
Calcium	44-1	93664.77	94509.12	94160.18	94111.36	0.45	ppb
Chromium	52-2	402.88	441.62	411.87	418.79	4.84	ppb
Cobalt	59-2	201.34	217.34	204.88	207.85	4.04	ppb
Copper	63-2	427.80	464.44	436.76	443.00	4.31	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				120		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	3265.16	3525.84	3268.80	3353.27	4.46	ppb
Iron	57-2	3117.00	3422.95	3146.27	3228.74	5.23	ppb
Krypton	83-1						cps
Lead	206-1	1031.38	1032.32	1044.97	1036.22	0.73	ppb
Lead	207-1	1011.49	1014.44	1022.28	1016.07	0.55	ppb
Lead	208-1	1026.10	1028.67	1033.20	1029.32	0.35	ppb
Lithium	6-1				111		%
Magnesium	24-2	38878.91	41404.31	38828.95	39704.06	3.71	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.22	219.17	202.24	208.21	4.57	ppb
Molybdenum	94-1	280.90	283.43	282.52	282.28	0.45	ppb
Molybdenum	95-1	409.78	414.51	415.48	413.25	0.74	ppb
Molybdenum	96-1	395.03	398.70	395.29	396.34	0.52	ppb
Molybdenum	97-1	395.50	399.88	398.56	397.98	0.56	ppb
Molybdenum	98-1	403.55	411.19	409.70	408.15	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.47	552.53	516.64	526.55	4.31	ppb
Phosphorus	31-2	6409.12	6688.32	6611.31	6569.59	2.19	ppb
Potassium	39-2	11615.45	12588.73	11897.91	12034.03	4.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	77-2	2124.06	2311.11	2047.46	2160.87	6.28	ppb
Selenium	78-2	2353.12	2384.35	2237.02	2324.83	3.34	ppb
Selenium	82-1	2101.31	2125.92	2121.56	2116.26	0.62	ppb
Silicon	28-1	10333.50	10433.61	10342.53	10369.88	0.53	ppb
Silver	109-1	75.86	75.14	76.38	75.79	0.82	ppb
Silver	107-1	75.50	75.25	76.25	75.66	0.69	ppb
Sodium	23-2	27629.45	30011.32	28491.58	28710.78	4.20	ppb
Strontium	86-1	695.30	689.35	687.02	690.56	0.62	ppb
Strontium	88-1	684.46	683.61	681.87	683.31	0.19	ppb
Sulfur	34-1	2059.90	2184.50	2137.60	2127.33	2.96	ppb
Terbium	159-1				119		%
Terbium	159-2				109		%
Thallium	203-1	2054.76	2053.58	2066.87	2058.40	0.36	ppb
Thallium	205-1	2057.70	2060.00	2075.98	2064.56	0.48	ppb
Tin	118-1	726.96	714.25	732.62	724.61	1.30	ppb
Titanium	47-1	203.37	204.84	207.73	205.31	1.08	ppb
Uranium	238-1	2.05	2.07	2.08	2.07	0.51	ppb
Vanadium	51-2	307.80	335.09	314.15	319.01	4.48	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	249.95	265.66	249.85	255.15	3.57	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.65	0.52	0.69	28.92	ppb
Zirconium	91-1	1.16	0.87	0.74	0.92	23.44	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2193.67	1935.79	1957.60	2029.02	7.05	ppb
Antimony	121-1	810.15	803.01	783.75	798.97	1.71	ppb
Arsenic	75-1	812.24	798.93	805.09	805.42	0.83	ppb
Barium	135-1	1447.46	1428.58	1428.41	1434.82	0.76	ppb
Barium	137-1	1437.58	1405.22	1406.63	1416.48	1.29	ppb
Beryllium	9-1	208.82	208.69	206.08	207.87	0.74	ppb
Bismuth	209-1				123		%
Bismuth	209-2				108		%
Boron	10-1	328.25	330.23	330.20	329.56	0.34	ppb
Boron	11-1	320.95	331.09	330.55	327.53	1.74	ppb
Cadmium	111-1	205.01	200.84	200.85	202.23	1.19	ppb
Cadmium	106-1	176.14	171.63	164.43	170.73	3.46	ppb
Cadmium	108-1	186.98	189.36	188.84	188.39	0.66	ppb
Calcium	43-1	96432.67	94071.50	93799.71	94767.96	1.53	ppb
Calcium	44-1	94226.33	92674.84	93532.58	93477.91	0.83	ppb
Chromium	52-2	448.14	404.90	411.62	421.55	5.52	ppb
Cobalt	59-2	224.59	202.36	204.56	210.50	5.82	ppb
Copper	63-2	477.20	433.60	436.28	449.03	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				96		%
Iron	56-2	3574.68	3225.47	3293.24	3364.46	5.50	ppb
Iron	57-2	3489.40	3138.30	3196.54	3274.74	5.75	ppb
Krypton	83-1						cps
Lead	206-1	1039.08	1012.73	991.83	1014.55	2.33	ppb
Lead	207-1	1024.86	998.49	970.04	997.80	2.75	ppb
Lead	208-1	1033.56	1007.77	982.28	1007.87	2.54	ppb
Lithium	6-1				111		%
Magnesium	24-2	43304.06	39126.77	40299.64	40910.16	5.27	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	224.99	201.62	204.34	210.32	6.08	ppb
Molybdenum	94-1	274.51	274.35	271.70	273.52	0.58	ppb
Molybdenum	95-1	401.78	400.94	397.18	399.97	0.61	ppb
Molybdenum	96-1	390.80	384.94	386.88	387.54	0.77	ppb
Molybdenum	97-1	387.84	385.80	384.90	386.18	0.39	ppb
Molybdenum	98-1	398.62	395.19	394.69	396.17	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	561.79	514.98	518.57	531.78	4.90	ppb
Phosphorus	31-2	6930.63	6453.65	6215.44	6533.24	5.57	ppb
Potassium	39-2	13049.52	11550.78	11911.99	12170.76	6.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				90		%
Selenium	77-2	2412.24	2190.16	2012.16	2204.85	9.09	ppb
Selenium	78-2	2386.22	2225.61	2191.25	2267.69	4.59	ppb
Selenium	82-1	2087.35	2073.84	2085.12	2082.10	0.35	ppb
Silicon	28-1	10345.86	10121.90	10208.14	10225.30	1.10	ppb
Silver	109-1	73.11	72.11	72.03	72.42	0.83	ppb
Silver	107-1	73.39	72.31	71.74	72.48	1.16	ppb
Sodium	23-2	31118.88	28495.46	28592.63	29402.32	5.06	ppb
Strontium	86-1	686.31	670.72	680.18	679.07	1.16	ppb
Strontium	88-1	682.63	671.78	678.12	677.51	0.80	ppb
Sulfur	34-1	2150.84	1962.96	2123.76	2079.19	4.88	ppb
Terbium	159-1				121		%
Terbium	159-2				107		%
Thallium	203-1	2067.00	2017.24	1964.73	2016.32	2.54	ppb
Thallium	205-1	2084.18	2022.82	1977.07	2028.02	2.65	ppb
Tin	118-1	708.79	702.78	692.63	701.40	1.16	ppb
Titanium	47-1	200.70	199.09	201.64	200.48	0.64	ppb
Uranium	238-1	2.08	2.05	2.00	2.04	1.96	ppb
Vanadium	51-2	341.47	309.92	312.09	321.16	5.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	280.93	255.72	261.83	266.16	4.94	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.25	0.21	0.25	16.82	ppb
Zirconium	91-1	0.49	0.44	0.39	0.44	11.79	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1939.91	2004.19	1989.11	1977.74	1.70	ppb
Antimony	121-1	814.05	923.95	801.07	846.36	7.98	ppb
Arsenic	75-1	823.11	919.20	809.20	850.51	7.04	ppb
Barium	135-1	1448.28	1616.57	1424.36	1496.40	7.00	ppb
Barium	137-1	1436.58	1607.79	1416.58	1486.98	7.07	ppb
Beryllium	9-1	209.35	232.66	209.72	217.24	6.14	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	336.85	379.38	341.89	352.70	6.59	ppb
Boron	11-1	326.81	375.62	343.54	348.66	7.12	ppb
Cadmium	111-1	205.79	230.48	203.89	213.39	6.95	ppb
Cadmium	106-1	179.39	200.84	173.57	184.60	7.78	ppb
Cadmium	108-1	192.24	211.73	190.12	198.03	6.02	ppb
Calcium	43-1	95757.00	106868.14	94742.81	99122.65	6.79	ppb
Calcium	44-1	94718.20	106162.20	93692.69	98191.03	7.05	ppb
Chromium	52-2	404.80	410.90	410.35	408.68	0.83	ppb
Cobalt	59-2	201.85	204.87	205.40	204.04	0.94	ppb
Copper	63-2	429.99	438.07	438.96	435.67	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				116		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	3216.41	3273.51	3291.92	3260.61	1.21	ppb
Iron	57-2	3113.14	3177.08	3216.70	3168.97	1.65	ppb
Krypton	83-1						cps
Lead	206-1	1029.12	1165.77	1024.76	1073.22	7.47	ppb
Lead	207-1	1012.16	1155.89	1010.79	1059.61	7.87	ppb
Lead	208-1	1024.99	1163.32	1020.65	1069.65	7.59	ppb
Lithium	6-1				107		%
Magnesium	24-2	38240.45	39577.03	38639.73	38819.07	1.77	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.96	204.11	205.50	202.53	1.98	ppb
Molybdenum	94-1	278.72	314.72	278.71	290.72	7.15	ppb
Molybdenum	95-1	408.55	460.64	407.54	425.58	7.14	ppb
Molybdenum	96-1	396.07	437.44	390.29	407.93	6.30	ppb
Molybdenum	97-1	397.00	440.86	392.90	410.25	6.48	ppb
Molybdenum	98-1	407.58	447.10	406.12	420.27	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.19	519.22	521.97	516.79	1.30	ppb
Phosphorus	31-2	6672.88	6683.87	7266.09	6874.28	4.94	ppb
Potassium	39-2	11410.26	11809.80	11889.10	11703.06	2.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	2096.93	2055.43	2288.53	2146.96	5.79	ppb
Selenium	78-2	2233.09	2201.86	2197.69	2210.88	0.87	ppb
Selenium	82-1	2113.94	2362.62	2092.40	2189.65	6.86	ppb
Silicon	28-1	10354.15	11635.47	10212.75	10734.12	7.30	ppb
Silver	109-1	74.47	83.60	73.67	77.24	7.14	ppb
Silver	107-1	74.61	83.82	74.24	77.56	7.00	ppb
Sodium	23-2	28237.89	28614.51	28428.31	28426.90	0.66	ppb
Strontium	86-1	680.80	770.65	675.61	709.02	7.54	ppb
Strontium	88-1	683.00	768.44	675.05	708.83	7.30	ppb
Sulfur	34-1	2235.57	3795.16	2256.04	2762.26	32.39	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	2040.41	2309.08	2058.89	2136.13	7.03	ppb
Thallium	205-1	2062.03	2325.80	2059.21	2149.02	7.12	ppb
Tin	118-1	711.60	795.10	711.81	739.50	6.51	ppb
Titanium	47-1	205.16	224.69	202.45	210.77	5.76	ppb
Uranium	238-1	2.08	2.34	2.06	2.16	7.16	ppb
Vanadium	51-2	305.09	315.14	314.14	311.46	1.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	251.18	253.87	251.39	252.15	0.59	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.17	0.15	0.17	11.52	ppb
Zirconium	91-1	0.42	0.44	0.37	0.41	8.16	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.66	13.46	7.99	10.04	29.75	ppb
Antimony	121-1	1.38	1.34	1.32	1.35	2.49	ppb
Arsenic	75-1	6.81	6.66	6.88	6.78	1.63	ppb
Barium	135-1	54.19	54.71	53.98	54.30	0.69	ppb
Barium	137-1	53.38	54.67	54.16	54.07	1.20	ppb
Beryllium	9-1	0.21	0.20	0.20	0.20	3.14	ppb
Bismuth	209-1				124		%
Bismuth	209-2				111		%
Boron	10-1	458.27	462.19	485.51	468.66	3.14	ppb
Boron	11-1	458.56	467.62	486.54	470.91	3.03	ppb
Cadmium	111-1	-0.02	-0.16	0.01	-0.06		ppb
Cadmium	106-1	-0.78	-2.47	-0.22	-1.16		ppb
Cadmium	108-1	0.14	0.04	0.06	0.08	68.06	ppb
Calcium	43-1	98226.60	97336.61	98531.40	98031.54	0.63	ppb
Calcium	44-1	95840.06	95954.67	96530.76	96108.50	0.39	ppb
Chromium	52-2	0.02	0.08	0.02	0.04	86.34	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	56.70	ppb
Copper	63-2	8.22	8.64	8.45	8.44	2.48	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				122		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	56-2	80.71	82.59	84.27	82.52	2.16	ppb
Iron	57-2	84.89	86.95	75.38	82.41	7.49	ppb
Krypton	83-1						cps
Lead	206-1	1.37	1.44	1.36	1.39	2.87	ppb
Lead	207-1	1.35	1.30	1.27	1.31	2.93	ppb
Lead	208-1	1.34	1.36	1.31	1.34	1.93	ppb
Lithium	6-1				111		%
Magnesium	24-2	29691.89	29845.73	30037.61	29858.41	0.58	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.50	1.47	1.68	1.55	7.30	ppb
Molybdenum	94-1	3.14	3.24	3.09	3.16	2.47	ppb
Molybdenum	95-1	4.53	4.48	4.59	4.54	1.25	ppb
Molybdenum	96-1	4.36	4.38	4.33	4.36	0.64	ppb
Molybdenum	97-1	4.53	4.52	4.58	4.54	0.70	ppb
Molybdenum	98-1	4.47	4.54	4.37	4.46	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.39	1.44	1.42	2.40	ppb
Phosphorus	31-2	-4.96	-4.64	102.19	30.86	200.15	ppb
Potassium	39-2	2170.91	2263.32	2180.65	2204.96	2.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	77-2	3.11	3.10	-1.47	1.58	166.95	ppb
Selenium	78-2	1.29	0.52	-0.25	0.52	147.33	ppb
Selenium	82-1	1.55	1.74	1.84	1.71	8.82	ppb
Silicon	28-1	10512.93	10566.95	10548.32	10542.74	0.26	ppb
Silver	109-1	0.03	0.02	0.02	0.02	24.45	ppb
Silver	107-1	0.02	0.03	0.03	0.03	22.58	ppb
Sodium	23-2	20703.46	20730.05	20870.55	20768.02	0.43	ppb
Strontium	86-1	1989.61	2015.43	1997.73	2000.92	0.66	ppb
Strontium	88-1	2009.60	2039.61	2018.91	2022.71	0.76	ppb
Sulfur	34-1	57171.81	57405.59	57148.80	57242.07	0.25	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	0.58	0.53	0.52	0.54	6.59	ppb
Thallium	205-1	0.59	0.54	0.50	0.54	8.11	ppb
Tin	118-1	0.89	0.85	0.76	0.84	7.96	ppb
Titanium	47-1	0.43	0.31	0.32	0.35	19.18	ppb
Uranium	238-1	4.22	4.21	4.26	4.23	0.65	ppb
Vanadium	51-2	5.35	6.25	6.01	5.87	7.97	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	55.06	54.86	55.20	55.04	0.31	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	183.83	ppb
Zirconium	91-1	-0.02	-0.02	0.01	-0.01		ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53659.92	53585.12	53085.32	53443.45	0.58	ppb
Antimony	121-1	512.00	509.16	542.42	521.19	3.54	ppb
Arsenic	75-1	491.94	499.79	524.14	505.29	3.32	ppb
Barium	135-1	2605.60	2562.21	2738.13	2635.31	3.48	ppb
Barium	137-1	2571.47	2561.80	2726.45	2619.91	3.53	ppb
Beryllium	9-1	529.89	524.61	562.49	539.00	3.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	547.33	573.91	610.25	577.17	5.47	ppb
Boron	11-1	548.48	558.22	606.39	571.03	5.43	ppb
Cadmium	111-1	495.93	494.15	524.66	504.91	3.39	ppb
Cadmium	106-1	503.87	499.09	533.16	512.04	3.60	ppb
Cadmium	108-1	507.41	501.39	527.57	512.12	2.68	ppb
Calcium	43-1	246205.45	249250.94	261586.14	252347.51	3.23	ppb
Calcium	44-1	245903.53	249894.45	261897.64	252565.21	3.30	ppb
Chromium	52-2	533.49	534.98	532.89	533.79	0.20	ppb
Cobalt	59-2	497.62	500.99	498.75	499.12	0.34	ppb
Copper	63-2	989.77	988.89	988.54	989.07	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	130883.70	130967.39	129424.11	130425.07	0.67	ppb
Iron	57-2	132021.38	132660.94	131826.28	132169.54	0.33	ppb
Krypton	83-1						cps
Lead	206-1	525.20	521.96	557.49	534.88	3.67	ppb
Lead	207-1	525.99	527.38	554.90	536.09	3.04	ppb
Lead	208-1	522.90	523.08	552.03	532.67	3.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	257643.36	259586.10	256960.96	258063.47	0.53	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.75	1027.95	1016.43	1025.04	0.74	ppb
Molybdenum	94-1	2568.26	2586.11	2743.68	2632.68	3.67	ppb
Molybdenum	95-1	2589.97	2612.88	2762.84	2655.23	3.54	ppb
Molybdenum	96-1	2587.53	2610.74	2719.91	2639.39	2.68	ppb
Molybdenum	97-1	2593.47	2592.68	2730.08	2638.74	3.00	ppb
Molybdenum	98-1	2597.74	2582.45	2762.56	2647.58	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.91	518.99	516.56	516.49	0.49	ppb
Phosphorus	31-2	10293.20	11041.47	11072.87	10802.51	4.09	ppb
Potassium	39-2	129021.97	127416.61	128659.24	128365.94	0.66	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	586.14	509.70	419.32	505.05	16.53	ppb
Selenium	78-2	549.46	549.40	518.12	538.99	3.35	ppb
Selenium	82-1	505.48	504.18	542.20	517.29	4.17	ppb
Silicon	28-1	511.25	515.47	541.21	522.64	3.10	ppb
Silver	109-1	503.96	501.72	528.27	511.32	2.88	ppb
Silver	107-1	501.95	500.07	526.89	509.64	2.94	ppb
Sodium	23-2	258460.04	259374.03	257533.28	258455.79	0.36	ppb
Strontium	86-1	514.69	513.53	551.61	526.61	4.11	ppb
Strontium	88-1	517.23	518.30	550.85	528.79	3.61	ppb
Sulfur	34-1	10660.12	10877.58	11713.07	11083.59	5.02	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	528.21	520.78	555.77	534.92	3.45	ppb
Thallium	205-1	527.16	523.85	553.37	534.80	3.02	ppb
Tin	118-1	520.98	517.04	544.73	527.58	2.84	ppb
Titanium	47-1	2593.14	2636.41	2756.48	2662.01	3.18	ppb
Uranium	238-1	527.97	532.65	561.42	540.68	3.35	ppb
Vanadium	51-2	515.36	514.55	509.06	512.99	0.67	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	1006.52	1006.74	990.11	1001.13	0.95	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.36	516.19	552.96	528.50	4.01	ppb
Zirconium	91-1	517.14	519.01	561.11	532.42	4.67	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	1.57	3.19	1.71	82.80	ppb
Antimony	121-1	0.45	0.46	0.50	0.47	6.15	ppb
Arsenic	75-1	0.16	0.17	0.15	0.16	6.57	ppb
Barium	135-1	0.14	0.13	0.13	0.13	5.38	ppb
Barium	137-1	0.13	0.12	0.14	0.13	6.18	ppb
Beryllium	9-1	0.36	0.39	0.34	0.36	7.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	17.81	18.06	14.48	16.78	11.92	ppb
Boron	11-1	17.55	16.67	15.89	16.70	4.98	ppb
Cadmium	111-1	-0.05	-0.02	0.01	-0.02		ppb
Cadmium	106-1	-1.52	-1.53	-0.74	-1.26		ppb
Cadmium	108-1	0.01	0.03	0.14	0.06	119.30	ppb
Calcium	43-1	5.84	5.38	7.29	6.17	16.14	ppb
Calcium	44-1	7.04	5.84	4.39	5.76	23.07	ppb
Chromium	52-2	0.06	0.08	0.11	0.09	29.17	ppb
Cobalt	59-2	0.09	0.08	0.06	0.08	17.29	ppb
Copper	63-2	0.07	0.08	0.05	0.07	19.48	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				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	1.93	1.88	1.92	1.91	1.54	ppb
Iron	57-2	1.75	0.93	1.32	1.33	31.03	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.24	0.22	0.24	8.62	ppb
Lead	207-1	0.21	0.24	0.20	0.22	7.71	ppb
Lead	208-1	0.24	0.23	0.21	0.23	7.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.76	7.58	3.94	5.09	42.35	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.01	0.03	68.36	ppb
Molybdenum	94-1	0.37	0.29	0.31	0.33	12.60	ppb
Molybdenum	95-1	0.40	0.32	0.36	0.36	10.77	ppb
Molybdenum	96-1	0.39	0.32	0.34	0.35	10.24	ppb
Molybdenum	97-1	0.39	0.27	0.31	0.32	18.52	ppb
Molybdenum	98-1	0.34	0.26	0.30	0.30	13.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-26.14	-3.66	-26.14	-18.65		ppb
Potassium	39-2	20.19	9.03	23.77	17.66	43.51	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	3.49	-1.47	-1.47	0.18	1549.57	ppb
Selenium	78-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	82-1	0.52	0.24	-0.10	0.22	142.41	ppb
Silicon	28-1	-1.37	-5.70	-5.67	-4.25		ppb
Silver	109-1	0.03	0.03	0.02	0.03	15.77	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.03	ppb
Sodium	23-2	45.22	43.02	47.99	45.41	5.49	ppb
Strontium	86-1	0.01	-0.06	-0.04	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.73	ppb
Sulfur	34-1	1307.47	517.89	287.48	704.28	75.95	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.23	0.24	0.25	9.44	ppb
Thallium	205-1	0.27	0.22	0.22	0.24	12.58	ppb
Tin	118-1	0.22	0.25	0.21	0.23	8.67	ppb
Titanium	47-1	0.03	0.04	-0.02	0.01	222.86	ppb
Uranium	238-1	0.12	0.11	0.10	0.11	8.05	ppb
Vanadium	51-2	0.04	0.06	0.02	0.04	42.84	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	0.90	0.60	0.66	0.72	21.98	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.07	0.07	10.25	ppb
Zirconium	91-1	0.07	0.05	0.08	0.07	22.06	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.37	25.57	24.96	25.63	2.75	ppb
Antimony	121-1	0.21	0.19	0.24	0.22	10.54	ppb
Arsenic	75-1	5.52	5.52	5.61	5.55	0.89	ppb
Barium	135-1	0.44	0.31	0.35	0.37	17.08	ppb
Barium	137-1	0.41	0.39	0.39	0.40	2.92	ppb
Beryllium	9-1	0.18	0.15	0.19	0.17	12.93	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	10-1	436.37	451.40	460.84	449.53	2.75	ppb
Boron	11-1	448.36	454.56	463.12	455.34	1.63	ppb
Cadmium	111-1	0.11	0.25	0.15	0.17	41.41	ppb
Cadmium	106-1	-1.77	-0.03	-1.30	-1.03		ppb
Cadmium	108-1	0.32	0.22	0.39	0.31	28.01	ppb
Calcium	43-1	300.16	284.08	294.78	293.01	2.79	ppb
Calcium	44-1	320.79	318.76	307.53	315.69	2.26	ppb
Chromium	52-2	0.44	0.50	0.42	0.45	9.23	ppb
Cobalt	59-2	0.20	0.23	0.17	0.20	14.41	ppb
Copper	63-2	42.48	43.41	41.74	42.54	1.97	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				116		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	18.21	19.05	18.06	18.44	2.90	ppb
Iron	57-2	16.53	21.56	23.76	20.62	17.99	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.68	0.69	0.69	1.05	ppb
Lead	207-1	0.67	0.61	0.65	0.64	4.27	ppb
Lead	208-1	0.67	0.63	0.65	0.65	2.92	ppb
Lithium	6-1				107		%
Magnesium	24-2	2028.98	2039.72	1946.79	2005.16	2.54	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.21	1.27	1.07	1.18	8.73	ppb
Molybdenum	94-1	3.10	3.29	2.92	3.10	6.03	ppb
Molybdenum	95-1	3.78	3.99	3.88	3.88	2.71	ppb
Molybdenum	96-1	3.72	3.72	3.90	3.78	2.80	ppb
Molybdenum	97-1	3.98	3.77	3.74	3.83	3.47	ppb
Molybdenum	98-1	3.97	3.90	3.78	3.89	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.66	1.79	1.76	4.90	ppb
Phosphorus	31-2	-4.25	-3.92	-4.75	-4.31		ppb
Potassium	39-2	465.02	510.42	489.84	488.43	4.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.53	1.33	0.55	0.81	56.91	ppb
Selenium	82-1	0.86	0.45	1.22	0.84	45.88	ppb
Silicon	28-1	9476.69	9503.71	9289.27	9423.23	1.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.45	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.54	ppb
Sodium	23-2	188767.35	188828.70	182307.69	186634.58	2.01	ppb
Strontium	86-1	4.71	4.79	4.90	4.80	2.00	ppb
Strontium	88-1	5.00	5.00	4.91	4.97	1.14	ppb
Sulfur	34-1	51927.87	51651.77	50945.19	51508.28	0.98	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.12	0.12	0.13	5.61	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	10.61	ppb
Tin	118-1	0.55	0.37	0.34	0.42	27.81	ppb
Titanium	47-1	0.50	0.56	0.51	0.52	5.76	ppb
Uranium	238-1	2.86	2.77	2.86	2.83	1.76	ppb
Vanadium	51-2	4.50	5.03	4.51	4.68	6.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	107.19	106.06	104.00	105.75	1.53	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.27	0.26	0.26	2.88	ppb
Zirconium	91-1	0.27	0.26	0.29	0.28	5.48	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.02	9.97	9.56	10.52	12.54	ppb
Antimony	121-1	0.10	0.11	0.12	0.11	5.81	ppb
Arsenic	75-1	2.99	2.92	2.97	2.96	1.20	ppb
Barium	135-1	768.13	766.47	768.79	767.80	0.16	ppb
Barium	137-1	770.81	759.75	759.91	763.49	0.83	ppb
Beryllium	9-1	0.19	0.12	0.13	0.15	24.03	ppb
Bismuth	209-1				125		%
Bismuth	209-2				113		%
Boron	10-1	44.56	44.78	43.38	44.24	1.71	ppb
Boron	11-1	44.95	43.49	42.00	43.48	3.39	ppb
Cadmium	111-1	-0.08	-0.09	-0.12	-0.09		ppb
Cadmium	106-1	-1.06	-1.34	-1.61	-1.33		ppb
Cadmium	108-1	0.04	-0.01	0.14	0.06	132.86	ppb
Calcium	43-1	85947.57	85697.92	85939.15	85861.55	0.17	ppb
Calcium	44-1	85556.84	84869.42	84306.50	84910.92	0.74	ppb
Chromium	52-2	0.09	0.18	0.08	0.12	48.48	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	14.44	14.83	14.54	14.60	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	2.05	2.65	2.47	2.39	12.78	ppb
Iron	57-2	1.36	4.63	5.31	3.77	56.01	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.33	0.34	4.14	ppb
Lead	207-1	0.34	0.33	0.34	0.34	1.02	ppb
Lead	208-1	0.35	0.33	0.33	0.34	2.09	ppb
Lithium	6-1				113		%
Magnesium	24-2	41369.24	41906.73	41232.88	41502.95	0.86	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.16	0.11	0.03	0.10	62.23	ppb
Molybdenum	94-1	0.31	0.28	0.25	0.28	11.20	ppb
Molybdenum	95-1	0.32	0.34	0.29	0.32	7.25	ppb
Molybdenum	96-1	0.31	0.33	0.31	0.32	3.43	ppb
Molybdenum	97-1	0.32	0.35	0.32	0.33	5.13	ppb
Molybdenum	98-1	0.33	0.27	0.32	0.31	10.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	0.00	0.02	158.75	ppb
Phosphorus	31-2	-6.22	-26.14	33.91	0.52	5930.24	ppb
Potassium	39-2	1257.14	1264.30	1247.46	1256.30	0.67	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-1.47	-1.47	2.98	0.01	17223.10	ppb
Selenium	78-2	-0.25	0.49	-0.25	0.00	91321.23	ppb
Selenium	82-1	0.47	0.49	0.09	0.35	63.65	ppb
Silicon	28-1	9982.04	9976.50	9889.44	9949.33	0.52	ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.54	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.88	ppb
Sodium	23-2	16204.73	16533.31	16472.71	16403.59	1.07	ppb
Strontium	86-1	748.23	751.49	754.70	751.47	0.43	ppb
Strontium	88-1	746.18	742.25	745.63	744.69	0.29	ppb
Sulfur	34-1	3928.72	3912.59	3951.52	3930.94	0.50	ppb
Terbium	159-1				122		%
Terbium	159-2				113		%
Thallium	203-1	0.09	0.07	0.07	0.08	16.19	ppb
Thallium	205-1	0.09	0.08	0.10	0.09	11.10	ppb
Tin	118-1	0.08	0.08	0.09	0.08	5.49	ppb
Titanium	47-1	0.35	0.25	0.40	0.33	21.98	ppb
Uranium	238-1	2.46	2.42	2.42	2.43	0.93	ppb
Vanadium	51-2	3.06	3.17	2.83	3.02	5.78	ppb
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	21.67	20.12	20.33	20.71	4.05	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	3.84	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	10.36	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.04	38.86	24.81	30.90	23.33	ppb
Antimony	121-1	0.08	0.10	0.09	0.09	11.57	ppb
Arsenic	75-1	0.13	0.13	0.14	0.13	4.24	ppb
Barium	135-1	1.42	1.35	1.53	1.43	6.27	ppb
Barium	137-1	1.49	1.44	1.35	1.43	5.14	ppb
Beryllium	9-1	0.34	0.24	0.27	0.29	17.75	ppb
Bismuth	209-1				125		%
Bismuth	209-2				116		%
Boron	10-1	20.54	20.09	20.55	20.40	1.28	ppb
Boron	11-1	20.19	20.11	18.33	19.54	5.38	ppb
Cadmium	111-1	0.02	0.02	0.03	0.02	38.16	ppb
Cadmium	106-1	-1.39	-1.49	-0.96	-1.28		ppb
Cadmium	108-1	0.02	0.02	0.16	0.06	129.16	ppb
Calcium	43-1	6777.61	6720.51	6762.27	6753.46	0.44	ppb
Calcium	44-1	6824.78	6775.53	6795.58	6798.63	0.36	ppb
Chromium	52-2	0.67	0.81	0.83	0.77	10.76	ppb
Cobalt	59-2	0.13	0.17	0.13	0.14	14.15	ppb
Copper	63-2	16.89	17.27	16.60	16.92	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				102		%
Iron	56-2	7.28	6.96	6.90	7.05	2.91	ppb
Iron	57-2	8.18	6.33	7.49	7.33	12.77	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.66	0.61	0.64	3.60	ppb
Lead	207-1	0.57	0.57	0.60	0.58	2.97	ppb
Lead	208-1	0.60	0.62	0.59	0.61	2.93	ppb
Lithium	6-1				112		%
Magnesium	24-2	1325.17	1364.08	1276.53	1321.93	3.32	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.50	0.68	0.68	25.63	ppb
Molybdenum	94-1	0.02	0.03	0.05	0.03	44.96	ppb
Molybdenum	95-1	0.08	0.09	0.07	0.08	8.77	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	13.75	ppb
Molybdenum	97-1	0.08	0.09	0.06	0.08	26.29	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.06	10.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.57	18.19	17.16	17.31	4.73	ppb
Phosphorus	31-2	113.99	306.76	194.85	205.20	47.17	ppb
Potassium	39-2	1867.97	1926.76	1807.57	1867.43	3.19	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	1.26	1.24	0.75	115.04	ppb
Selenium	82-1	0.01	0.11	0.39	0.17	113.88	ppb
Silicon	28-1	3332.50	3321.00	3327.20	3326.90	0.17	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.69	ppb
Sodium	23-2	4728.85	4874.22	4681.75	4761.61	2.11	ppb
Strontium	86-1	27.74	28.19	27.77	27.90	0.90	ppb
Strontium	88-1	28.24	28.48	27.86	28.19	1.11	ppb
Sulfur	34-1	579.07	517.12	483.72	526.64	9.19	ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.40	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	6.04	ppb
Tin	118-1	0.14	0.10	0.11	0.12	14.32	ppb
Titanium	47-1	0.31	0.50	0.50	0.44	24.17	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	5.09	ppb
Vanadium	51-2	0.08	0.07	0.09	0.08	14.65	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	78.18	79.30	74.50	77.33	3.24	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.01	115.01	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.31	66.90	64.44	68.22	6.71	ppb
Antimony	121-1	0.08	0.06	0.06	0.07	16.02	ppb
Arsenic	75-1	0.11	0.11	0.12	0.11	3.83	ppb
Barium	135-1	3.00	3.09	3.14	3.08	2.37	ppb
Barium	137-1	2.96	3.15	3.01	3.04	3.26	ppb
Beryllium	9-1	0.15	0.16	0.30	0.20	41.13	ppb
Bismuth	209-1				127		%
Bismuth	209-2				111		%
Boron	10-1	16.53	16.86	16.54	16.64	1.12	ppb
Boron	11-1	15.77	17.14	17.85	16.92	6.27	ppb
Cadmium	111-1	-0.07	-0.05	-0.10	-0.07		ppb
Cadmium	106-1	-1.65	-1.61	-1.89	-1.72		ppb
Cadmium	108-1	0.03	0.06	0.02	0.04	56.41	ppb
Calcium	43-1	7253.67	7306.27	7388.24	7316.06	0.93	ppb
Calcium	44-1	7451.48	7445.67	7645.99	7514.38	1.52	ppb
Chromium	52-2	0.86	0.65	0.72	0.74	14.44	ppb
Cobalt	59-2	0.05	0.05	0.06	0.06	8.98	ppb
Copper	63-2	12.11	11.28	11.71	11.70	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				122		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	56-2	75.19	70.66	74.72	73.52	3.39	ppb
Iron	57-2	72.49	75.43	72.90	73.60	2.16	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.09	1.14	1.11	2.32	ppb
Lead	207-1	0.99	1.03	1.08	1.03	4.36	ppb
Lead	208-1	1.05	1.03	1.08	1.05	2.15	ppb
Lithium	6-1				112		%
Magnesium	24-2	1503.74	1388.63	1444.89	1445.75	3.98	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.06	2.36	2.79	2.74	12.93	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	12.53	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	5.41	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	8.43	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	17.57	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	7.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.59	2.56	2.67	6.17	ppb
Phosphorus	31-2	278.71	244.00	381.29	301.34	23.69	ppb
Potassium	39-2	2278.70	2115.25	2137.29	2177.08	4.07	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				90		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	1.32	0.51	-0.25	0.53	148.08	ppb
Selenium	82-1	0.62	0.71	-0.01	0.44	89.56	ppb
Silicon	28-1	3750.89	3783.06	3835.90	3789.95	1.13	ppb
Silver	109-1	0.01	0.02	0.02	0.01	20.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.01	ppb
Sodium	23-2	5559.64	5254.62	5392.41	5402.22	2.83	ppb
Strontium	86-1	29.07	29.04	29.61	29.24	1.10	ppb
Strontium	88-1	29.08	29.37	29.90	29.45	1.41	ppb
Sulfur	34-1	307.90	533.68	705.66	515.75	38.68	ppb
Terbium	159-1				121		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.07	0.06	0.06	9.26	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	5.32	ppb
Tin	118-1	0.08	0.07	0.07	0.07	11.90	ppb
Titanium	47-1	5.82	0.46	0.39	2.22	140.01	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	9.05	ppb
Vanadium	51-2	0.23	0.21	0.17	0.21	14.48	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	30.43	27.27	29.64	29.12	5.64	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	9.37	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.84	25.16	29.09	30.69	21.15	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	18.20	ppb
Arsenic	75-1	0.08	0.13	0.09	0.10	26.62	ppb
Barium	135-1	1.31	1.40	1.41	1.37	4.00	ppb
Barium	137-1	1.39	1.47	1.39	1.42	3.10	ppb
Beryllium	9-1	0.55	0.49	0.61	0.55	10.83	ppb
Bismuth	209-1				126		%
Bismuth	209-2				115		%
Boron	10-1	15.30	15.13	14.23	14.89	3.88	ppb
Boron	11-1	14.81	15.41	14.57	14.93	2.88	ppb
Cadmium	111-1	0.24	0.31	0.21	0.25	21.58	ppb
Cadmium	106-1	-0.81	-0.28	-1.32	-0.80		ppb
Cadmium	108-1	0.36	0.19	0.44	0.33	38.05	ppb
Calcium	43-1	6418.26	6793.64	6436.72	6549.54	3.23	ppb
Calcium	44-1	6674.94	6947.08	6660.12	6760.71	2.39	ppb
Chromium	52-2	0.75	0.84	0.73	0.77	7.42	ppb
Cobalt	59-2	0.92	0.87	0.81	0.86	6.03	ppb
Copper	63-2	12.38	12.44	12.63	12.48	1.07	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				120		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	56-2	8.77	8.43	8.86	8.69	2.59	ppb
Iron	57-2	6.35	7.13	6.04	6.50	8.60	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.17	0.16	1.14	ppb
Lead	207-1	0.16	0.16	0.13	0.15	10.27	ppb
Lead	208-1	0.15	0.16	0.15	0.16	3.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	1374.97	1432.48	1395.05	1400.83	2.08	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.95	1.80	1.92	1.89	4.21	ppb
Molybdenum	94-1	0.07	0.04	0.04	0.05	32.71	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	16.66	ppb
Molybdenum	96-1	0.05	0.04	0.06	0.05	19.94	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	17.03	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	16.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.51	24.97	24.56	24.68	1.02	ppb
Phosphorus	31-2	245.05	246.11	247.54	246.23	0.51	ppb
Potassium	39-2	2069.82	2048.67	2064.01	2060.83	0.53	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	2.03	2.76	1.52	103.53	ppb
Selenium	82-1	-0.13	0.34	0.41	0.21	144.38	ppb
Silicon	28-1	3582.06	3709.03	3524.05	3605.05	2.62	ppb
Silver	109-1	0.01	0.01	0.00	0.01	43.65	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.83	ppb
Sodium	23-2	5214.96	5198.00	5193.95	5202.30	0.21	ppb
Strontium	86-1	31.43	32.00	31.82	31.75	0.92	ppb
Strontium	88-1	31.61	33.07	31.90	32.19	2.40	ppb
Sulfur	34-1	603.62	875.05	455.70	644.79	32.99	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.81	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	6.06	ppb
Tin	118-1	0.10	0.10	0.07	0.09	19.04	ppb
Titanium	47-1	0.34	0.54	0.51	0.46	22.69	ppb
Uranium	238-1	0.19	0.18	0.17	0.18	4.43	ppb
Vanadium	51-2	0.11	0.04	0.07	0.07	46.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	330.13	328.89	330.33	329.78	0.24	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	33.83	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	104.10	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.54	57.41	61.35	60.43	4.44	ppb
Antimony	121-1	0.18	0.15	0.18	0.17	9.48	ppb
Arsenic	75-1	0.07	0.10	0.09	0.09	17.57	ppb
Barium	135-1	1.89	1.91	1.85	1.89	1.67	ppb
Barium	137-1	1.90	1.97	1.84	1.90	3.43	ppb
Beryllium	9-1	0.23	0.22	0.26	0.24	10.33	ppb
Bismuth	209-1				127		%
Bismuth	209-2				114		%
Boron	10-1	14.27	13.29	13.28	13.61	4.16	ppb
Boron	11-1	13.71	13.49	13.40	13.53	1.17	ppb
Cadmium	111-1	0.05	0.15	0.06	0.09	68.05	ppb
Cadmium	106-1	-1.22	0.16	-1.30	-0.78		ppb
Cadmium	108-1	0.18	0.20	0.06	0.15	53.44	ppb
Calcium	43-1	7285.76	7327.33	7400.79	7337.96	0.79	ppb
Calcium	44-1	7489.50	7535.42	7468.00	7497.64	0.46	ppb
Chromium	52-2	0.88	0.77	0.92	0.86	8.72	ppb
Cobalt	59-2	4.49	4.34	4.62	4.49	3.11	ppb
Copper	63-2	17.85	17.97	18.77	18.20	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				123		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	56-2	23.84	22.57	25.11	23.84	5.32	ppb
Iron	57-2	22.11	19.41	25.19	22.24	13.01	ppb
Krypton	83-1						cps
Lead	206-1	161.08	162.40	158.32	160.60	1.30	ppb
Lead	207-1	137.95	138.54	137.22	137.90	0.48	ppb
Lead	208-1	149.63	149.56	147.72	148.97	0.73	ppb
Lithium	6-1				111		%
Magnesium	24-2	1445.53	1411.65	1541.04	1466.07	4.58	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.07	3.80	4.18	4.02	4.82	ppb
Molybdenum	94-1	0.01	-0.01	0.04	0.01	215.31	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.04	16.14	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	19.62	ppb
Molybdenum	97-1	0.02	0.05	0.04	0.04	33.41	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	23.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.96	19.10	20.46	19.84	3.48	ppb
Phosphorus	31-2	267.11	391.22	218.81	292.38	30.42	ppb
Potassium	39-2	2100.15	2033.76	2259.74	2131.22	5.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	77-2	-1.47	3.05	-1.47	0.04	6810.06	ppb
Selenium	78-2	1.25	1.27	-0.25	0.76	114.76	ppb
Selenium	82-1	0.05	-0.16	-0.01	-0.04		ppb
Silicon	28-1	3843.72	3874.89	3814.15	3844.25	0.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.26	ppb
Silver	107-1	0.01	0.01	0.02	0.01	49.94	ppb
Sodium	23-2	5272.12	5111.14	5494.07	5292.44	3.63	ppb
Strontium	86-1	32.15	32.30	31.74	32.06	0.91	ppb
Strontium	88-1	32.43	32.68	32.54	32.55	0.40	ppb
Sulfur	34-1	471.54	595.68	642.01	569.74	15.47	ppb
Terbium	159-1				122		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.07	0.06	0.07	15.68	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.36	ppb
Tin	118-1	2.08	2.11	2.02	2.07	2.16	ppb
Titanium	47-1	0.91	0.89	0.79	0.86	7.24	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.33	ppb
Vanadium	51-2	0.15	0.20	0.16	0.17	16.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				95		%
Zinc	66-2	106.82	107.13	111.67	108.54	2.50	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	50.49	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	121.12	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.18	26.49	21.44	25.70	15.28	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	24.57	ppb
Arsenic	75-1	0.13	0.12	0.14	0.13	7.36	ppb
Barium	135-1	29.18	28.88	29.21	29.09	0.63	ppb
Barium	137-1	29.33	29.34	29.72	29.46	0.75	ppb
Beryllium	9-1	0.09	0.13	0.08	0.10	30.18	ppb
Bismuth	209-1				122		%
Bismuth	209-2				109		%
Boron	10-1	28.46	34.12	30.50	31.03	9.23	ppb
Boron	11-1	31.99	32.03	33.04	32.35	1.85	ppb
Cadmium	111-1	-0.05	-0.08	-0.13	-0.09		ppb
Cadmium	106-1	-1.03	-1.43	-2.08	-1.51		ppb
Cadmium	108-1	0.00	0.02	0.00	0.01	225.18	ppb
Calcium	43-1	759.21	734.87	746.94	747.01	1.63	ppb
Calcium	44-1	764.55	753.27	750.63	756.15	0.98	ppb
Chromium	52-2	0.38	0.33	0.37	0.36	7.44	ppb
Cobalt	59-2	0.72	0.64	0.68	0.68	5.53	ppb
Copper	63-2	14.00	13.44	14.28	13.91	3.06	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				116		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	7.80	8.15	8.39	8.12	3.65	ppb
Iron	57-2	7.26	4.02	8.34	6.54	34.39	ppb
Krypton	83-1						cps
Lead	206-1	7.95	7.88	7.93	7.92	0.45	ppb
Lead	207-1	7.27	7.17	7.24	7.22	0.67	ppb
Lead	208-1	7.55	7.46	7.44	7.48	0.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	1459.34	1425.27	1495.85	1460.15	2.42	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.66	7.42	8.70	7.92	8.57	ppb
Molybdenum	94-1	0.03	0.01	0.07	0.04	77.12	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	15.60	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	12.50	ppb
Molybdenum	97-1	0.04	0.02	0.03	0.03	41.81	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	16.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.98	1.18	1.08	8.97	ppb
Phosphorus	31-2	-26.14	17.86	-26.14	-11.47		ppb
Potassium	39-2	599.39	549.15	606.73	585.09	5.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.55	0.55	1.41	0.84	59.47	ppb
Selenium	82-1	0.04	-0.04	0.31	0.11	172.26	ppb
Silicon	28-1	2463.40	2444.10	2459.12	2455.54	0.41	ppb
Silver	109-1	0.01	0.01	0.00	0.01	52.47	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.16	ppb
Sodium	23-2	6573.30	6316.96	6721.32	6537.19	3.13	ppb
Strontium	86-1	9.59	9.22	9.39	9.40	2.00	ppb
Strontium	88-1	9.65	9.49	9.51	9.55	0.90	ppb
Sulfur	34-1	955.83	863.96	805.39	875.06	8.67	ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.07	0.06	0.07	10.06	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	6.61	ppb
Tin	118-1	0.38	0.26	0.28	0.30	20.72	ppb
Titanium	47-1	0.19	0.30	0.20	0.23	26.09	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	8.54	ppb
Vanadium	51-2	-0.01	0.02	0.00	0.01	266.69	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	22.95	22.09	22.38	22.47	1.94	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.03	17.21	ppb
Zirconium	91-1	0.05	0.03	0.02	0.04	37.94	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.90	12.62	18.10	15.87	18.13	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	8.11	ppb
Arsenic	75-1	0.16	0.14	0.18	0.16	13.47	ppb
Barium	135-1	27.65	28.45	27.64	27.92	1.65	ppb
Barium	137-1	27.69	27.90	27.57	27.72	0.60	ppb
Beryllium	9-1	0.10	0.11	0.11	0.11	4.30	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Boron	10-1	29.60	33.00	33.71	32.10	6.84	ppb
Boron	11-1	32.04	33.18	34.52	33.25	3.73	ppb
Cadmium	111-1	-0.09	-0.02	-0.10	-0.07		ppb
Cadmium	106-1	-1.64	-0.50	-1.62	-1.25		ppb
Cadmium	108-1	0.00	0.02	0.09	0.03	130.84	ppb
Calcium	43-1	842.57	787.03	844.93	824.84	3.97	ppb
Calcium	44-1	811.13	821.28	830.83	821.08	1.20	ppb
Chromium	52-2	0.20	0.17	0.27	0.21	24.19	ppb
Cobalt	59-2	0.73	0.65	0.65	0.68	6.98	ppb
Copper	63-2	161.54	166.96	163.92	164.14	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				116		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	3.27	3.24	2.98	3.16	5.11	ppb
Iron	57-2	4.39	2.16	3.72	3.42	33.39	ppb
Krypton	83-1						cps
Lead	206-1	1.43	1.50	1.52	1.48	3.12	ppb
Lead	207-1	1.40	1.40	1.38	1.40	0.67	ppb
Lead	208-1	1.41	1.43	1.44	1.43	1.05	ppb
Lithium	6-1				106		%
Magnesium	24-2	1484.44	1531.23	1491.20	1502.29	1.68	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.79	8.69	8.58	8.36	5.85	ppb
Molybdenum	94-1	0.05	0.06	0.05	0.05	9.62	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	10.23	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	14.40	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	17.78	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.03	29.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.84	0.81	0.83	2.10	ppb
Phosphorus	31-2	-26.14	-26.14	-3.76	-18.68		ppb
Potassium	39-2	589.64	631.77	621.96	614.46	3.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	-0.25	1.37	0.29	319.95	ppb
Selenium	82-1	0.39	0.05	0.25	0.23	73.83	ppb
Silicon	28-1	2508.33	2537.47	2552.22	2532.67	0.88	ppb
Silver	109-1	0.01	0.02	0.02	0.02	22.27	ppb
Silver	107-1	0.02	0.02	0.01	0.02	40.34	ppb
Sodium	23-2	6547.83	6745.95	6543.93	6612.57	1.75	ppb
Strontium	86-1	10.47	10.35	10.48	10.43	0.71	ppb
Strontium	88-1	10.56	10.57	10.63	10.59	0.39	ppb
Sulfur	34-1	943.84	1045.04	1080.98	1023.29	6.95	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.05	0.04	0.05	25.51	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	0.76	ppb
Tin	118-1	0.45	0.44	0.46	0.45	1.71	ppb
Titanium	47-1	0.16	0.14	0.15	0.15	6.91	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	4.59	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	97.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	19.21	20.37	19.33	19.64	3.24	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.04	0.03	55.50	ppb
Zirconium	91-1	0.00	0.03	0.04	0.03	77.63	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.67	20.92	17.82	18.47	11.90	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	4.82	ppb
Arsenic	75-1	9.59	10.18	9.75	9.84	3.09	ppb
Barium	135-1	3.45	3.67	3.69	3.60	3.68	ppb
Barium	137-1	3.69	3.49	3.75	3.64	3.77	ppb
Beryllium	9-1	0.30	0.28	0.22	0.27	15.22	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	10-1	113.60	122.05	121.25	118.97	3.92	ppb
Boron	11-1	119.22	122.37	121.65	121.08	1.36	ppb
Cadmium	111-1	0.02	0.06	0.04	0.04	41.58	ppb
Cadmium	106-1	-0.91	-1.01	-1.27	-1.06		ppb
Cadmium	108-1	0.36	0.09	0.17	0.21	68.30	ppb
Calcium	43-1	58687.10	59840.04	59418.88	59315.34	0.98	ppb
Calcium	44-1	58118.52	58711.22	58330.85	58386.86	0.51	ppb
Chromium	52-2	0.22	0.19	0.26	0.22	15.84	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	28.67	ppb
Copper	63-2	27.88	29.33	28.41	28.54	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	12.68	13.58	12.03	12.76	6.09	ppb
Iron	57-2	10.38	16.45	11.13	12.65	26.14	ppb
Krypton	83-1						cps
Lead	206-1	6.52	6.65	6.48	6.55	1.37	ppb
Lead	207-1	6.14	6.26	6.12	6.17	1.28	ppb
Lead	208-1	6.30	6.39	6.26	6.32	1.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	9629.69	9760.41	9524.76	9638.28	1.22	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.32	2.12	2.20	2.21	4.58	ppb
Molybdenum	94-1	3.36	3.64	3.58	3.53	4.27	ppb
Molybdenum	95-1	4.52	4.97	4.87	4.79	4.86	ppb
Molybdenum	96-1	4.53	4.90	4.85	4.76	4.20	ppb
Molybdenum	97-1	4.73	4.90	4.91	4.85	2.09	ppb
Molybdenum	98-1	4.66	4.96	4.85	4.82	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.55	3.45	3.47	2.13	ppb
Phosphorus	31-2	18.10	42.24	-26.14	11.40	304.15	ppb
Potassium	39-2	5666.43	5740.40	5658.63	5688.49	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	3.26	-1.47	-1.47	0.11	2521.26	ppb
Selenium	78-2	1.34	1.37	-0.25	0.82	112.63	ppb
Selenium	82-1	0.69	0.80	0.74	0.74	7.26	ppb
Silicon	28-1	17725.86	17998.87	17796.60	17840.44	0.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.98	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.17	ppb
Sodium	23-2	22401.16	22752.75	22363.37	22505.76	0.95	ppb
Strontium	86-1	178.26	184.02	181.99	181.42	1.61	ppb
Strontium	88-1	184.43	187.03	186.68	186.05	0.76	ppb
Sulfur	34-1	10812.43	11204.23	11250.62	11089.09	2.17	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.06	0.06	5.85	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	7.61	ppb
Tin	118-1	0.36	0.37	0.34	0.35	4.67	ppb
Titanium	47-1	0.68	0.71	0.69	0.70	2.18	ppb
Uranium	238-1	3.38	3.46	3.40	3.41	1.16	ppb
Vanadium	51-2	1.26	1.30	1.31	1.29	1.94	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	150.98	150.04	148.91	149.98	0.69	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.13	0.12	0.13	12.00	ppb
Zirconium	91-1	0.14	0.11	0.15	0.13	15.52	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.68	16.13	15.41	15.08	8.34	ppb
Antimony	121-1	0.16	0.14	0.16	0.15	6.00	ppb
Arsenic	75-1	9.89	10.19	10.31	10.13	2.14	ppb
Barium	135-1	3.74	3.82	3.68	3.75	2.00	ppb
Barium	137-1	3.84	3.63	3.63	3.70	3.29	ppb
Beryllium	9-1	0.20	0.27	0.35	0.28	27.94	ppb
Bismuth	209-1				123		%
Bismuth	209-2				115		%
Boron	10-1	116.76	121.77	119.96	119.50	2.12	ppb
Boron	11-1	117.51	120.46	121.50	119.83	1.73	ppb
Cadmium	111-1	-0.01	0.02	-0.04	-0.01		ppb
Cadmium	106-1	-0.97	-0.53	-1.34	-0.95		ppb
Cadmium	108-1	0.08	0.20	0.12	0.13	46.65	ppb
Calcium	43-1	59674.43	60852.21	60668.81	60398.48	1.05	ppb
Calcium	44-1	58665.84	59611.45	59744.30	59340.53	0.99	ppb
Chromium	52-2	0.26	0.16	0.12	0.18	39.71	ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	16.75	ppb
Copper	63-2	59.09	58.04	61.76	59.63	3.22	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				121		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	21.81	20.79	22.37	21.66	3.70	ppb
Iron	57-2	18.90	20.18	15.82	18.30	12.24	ppb
Krypton	83-1						cps
Lead	206-1	12.18	12.34	12.80	12.44	2.59	ppb
Lead	207-1	11.45	11.47	11.99	11.64	2.60	ppb
Lead	208-1	11.70	11.86	12.29	11.95	2.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	9639.01	9519.46	9950.10	9702.85	2.29	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.81	1.67	1.98	1.82	8.36	ppb
Molybdenum	94-1	4.23	3.95	3.97	4.05	3.82	ppb
Molybdenum	95-1	4.83	4.85	4.87	4.85	0.45	ppb
Molybdenum	96-1	4.75	4.69	4.90	4.78	2.22	ppb
Molybdenum	97-1	4.84	4.92	5.02	4.93	1.88	ppb
Molybdenum	98-1	4.73	4.94	4.85	4.84	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.31	0.52	0.43	24.39	ppb
Phosphorus	31-2	-26.14	-5.61	-26.14	-19.29		ppb
Potassium	39-2	5734.73	5658.53	6007.44	5800.24	3.16	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	2.01	-0.25	0.51	257.79	ppb
Selenium	82-1	0.93	1.18	0.65	0.92	28.69	ppb
Silicon	28-1	18051.61	18195.71	18384.22	18210.52	0.92	ppb
Silver	109-1	0.01	0.00	0.01	0.00	91.49	ppb
Silver	107-1	0.00	0.00	0.01	0.01	59.05	ppb
Sodium	23-2	22270.71	22259.76	22996.26	22508.91	1.88	ppb
Strontium	86-1	184.65	184.90	184.46	184.67	0.12	ppb
Strontium	88-1	187.44	187.20	190.37	188.34	0.94	ppb
Sulfur	34-1	10293.76	10576.27	11036.77	10635.60	3.53	ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.05	0.05	0.05	16.38	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	14.50	ppb
Tin	118-1	0.47	0.49	0.44	0.47	6.01	ppb
Titanium	47-1	0.94	0.93	0.90	0.93	2.35	ppb
Uranium	238-1	3.44	3.45	3.59	3.49	2.42	ppb
Vanadium	51-2	1.16	1.23	1.42	1.27	10.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	125.71	125.97	129.92	127.20	1.86	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.37	0.44	0.41	9.75	ppb
Zirconium	91-1	0.41	0.36	0.41	0.39	8.08	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53074.47	53681.11	55142.46	53966.01	1.97	ppb
Antimony	121-1	498.57	504.50	509.23	504.10	1.06	ppb
Arsenic	75-1	487.86	497.50	481.78	489.05	1.62	ppb
Barium	135-1	2536.61	2544.02	2587.45	2556.03	1.07	ppb
Barium	137-1	2530.27	2548.30	2585.04	2554.54	1.09	ppb
Beryllium	9-1	516.57	523.60	524.46	521.54	0.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	513.86	530.61	540.35	528.27	2.54	ppb
Boron	11-1	510.48	534.32	546.16	530.32	3.43	ppb
Cadmium	111-1	484.43	489.03	495.76	489.74	1.16	ppb
Cadmium	106-1	491.24	510.15	505.47	502.28	1.96	ppb
Cadmium	108-1	490.48	501.66	507.62	499.92	1.74	ppb
Calcium	43-1	243238.60	246255.78	246443.34	245312.58	0.73	ppb
Calcium	44-1	242812.66	249698.89	245079.71	245863.75	1.43	ppb
Chromium	52-2	546.41	550.22	563.87	553.50	1.66	ppb
Cobalt	59-2	481.07	490.11	499.26	490.15	1.86	ppb
Copper	63-2	979.86	980.51	1002.75	987.70	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	130911.02	132191.39	135390.73	132831.05	1.74	ppb
Iron	57-2	131526.41	133797.31	137593.87	134305.87	2.28	ppb
Krypton	83-1						cps
Lead	206-1	518.77	520.17	520.26	519.74	0.16	ppb
Lead	207-1	517.64	522.92	523.86	521.47	0.64	ppb
Lead	208-1	514.29	520.11	518.82	517.74	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	252625.64	256451.71	262705.41	257260.92	1.98	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.08	1007.98	1040.56	1017.21	2.00	ppb
Molybdenum	94-1	2551.24	2557.91	2587.95	2565.70	0.76	ppb
Molybdenum	95-1	2539.94	2575.32	2587.64	2567.63	0.96	ppb
Molybdenum	96-1	2544.04	2573.46	2585.29	2567.59	0.83	ppb
Molybdenum	97-1	2533.19	2574.73	2557.53	2555.15	0.82	ppb
Molybdenum	98-1	2537.69	2574.40	2565.60	2559.23	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.56	517.97	530.23	519.59	1.91	ppb
Phosphorus	31-2	10873.95	10440.48	10387.99	10567.47	2.52	ppb
Potassium	39-2	128119.04	130248.13	134523.38	130963.52	2.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	609.06	513.13	599.32	573.84	9.20	ppb
Selenium	78-2	505.77	494.49	566.34	522.20	7.40	ppb
Selenium	82-1	491.78	503.97	498.50	498.09	1.23	ppb
Silicon	28-1	517.96	530.82	520.96	523.25	1.29	ppb
Silver	109-1	491.03	491.74	505.80	496.19	1.68	ppb
Silver	107-1	494.95	493.91	502.57	497.14	0.95	ppb
Sodium	23-2	251520.34	255162.07	264503.94	257062.12	2.61	ppb
Strontium	86-1	508.01	518.01	517.94	514.65	1.12	ppb
Strontium	88-1	509.15	518.38	513.86	513.80	0.90	ppb
Sulfur	34-1	10695.02	10983.66	10544.31	10741.00	2.08	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	521.09	521.31	520.45	520.95	0.09	ppb
Thallium	205-1	519.68	520.25	516.28	518.74	0.41	ppb
Tin	118-1	505.13	509.49	518.49	511.04	1.33	ppb
Titanium	47-1	2552.38	2589.16	2547.49	2563.01	0.89	ppb
Uranium	238-1	521.75	530.03	529.56	527.11	0.88	ppb
Vanadium	51-2	500.39	507.00	517.90	508.43	1.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	967.40	976.84	1010.88	985.04	2.32	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.62	513.06	515.16	512.28	0.65	ppb
Zirconium	91-1	514.13	519.39	516.81	516.78	0.51	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 15:20:33 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.44	-0.48	-0.87	0.36	498.84	ppb
Antimony	121-1	0.14	0.17	0.21	0.17	18.30	ppb
Arsenic	75-1	0.01	0.02	0.01	0.01	50.19	ppb
Barium	135-1	0.01	0.01	0.00	0.00	124.29	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.06	0.07	0.11	0.08	32.69	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	5.90	7.24	5.67	6.27	13.54	ppb
Boron	11-1	6.71	6.11	6.02	6.28	5.97	ppb
Cadmium	111-1	-0.10	-0.01	-0.01	-0.04		ppb
Cadmium	106-1	-1.40	-0.16	-0.01	-0.52		ppb
Cadmium	108-1	-0.02	-0.02	0.05	0.00	1622.09	ppb
Calcium	43-1	1.83	-1.87	4.08	1.35	222.85	ppb
Calcium	44-1	0.78	1.10	0.19	0.69	67.45	ppb
Chromium	52-2	0.08	0.05	-0.04	0.03	206.33	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	-0.01	0.00	0.00	324.16	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				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	0.72	0.49	0.67	0.63	19.11	ppb
Iron	57-2	0.96	0.08	1.22	0.75	79.74	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.05	13.28	ppb
Lead	207-1	0.06	0.06	0.05	0.06	9.30	ppb
Lead	208-1	0.05	0.05	0.06	0.05	8.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.97	-0.56	-0.65	0.59	351.57	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:20:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.02	-0.04	-0.02		ppb
Molybdenum	94-1	0.17	0.14	0.13	0.14	15.74	ppb
Molybdenum	95-1	0.10	0.12	0.08	0.10	23.91	ppb
Molybdenum	96-1	0.12	0.11	0.13	0.12	9.34	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	12.87	ppb
Molybdenum	98-1	0.09	0.08	0.10	0.09	9.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.12	-0.11	-0.11		ppb
Phosphorus	31-2	-3.31	17.57	-4.50	3.26	381.09	ppb
Potassium	39-2	33.59	37.54	25.71	32.28	18.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	82-1	0.31	-0.13	-0.34	-0.05		ppb
Silicon	28-1	-5.96	-5.31	-5.66	-5.64		ppb
Silver	109-1	0.00	0.01	0.00	0.00	80.11	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.52	ppb
Sodium	23-2	48.64	42.25	42.09	44.33	8.43	ppb
Strontium	86-1	0.00	-0.06	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.86	ppb
Sulfur	34-1	524.38	553.85	513.70	530.64	3.92	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.04	0.04	17.63	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.91	ppb
Tin	118-1	0.03	0.08	0.04	0.05	47.01	ppb
Titanium	47-1	-0.02	0.04	0.05	0.02	188.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.25	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	538.72	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	0.82	0.55	0.52	0.63	26.36	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:20:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	3.90	ppb
Zirconium	91-1	0.06	0.06	0.02	0.04	55.91	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.45	17.19	12.96	13.20	29.37	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	17.49	ppb
Arsenic	75-1	0.05	0.05	0.07	0.06	18.10	ppb
Barium	135-1	48.95	49.54	49.18	49.23	0.60	ppb
Barium	137-1	48.98	48.63	49.03	48.88	0.44	ppb
Beryllium	9-1	0.01	0.09	0.10	0.06	71.34	ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	10-1	16.18	15.04	15.88	15.70	3.77	ppb
Boron	11-1	16.80	15.57	16.77	16.38	4.28	ppb
Cadmium	111-1	-0.08	-0.12	-0.09	-0.10		ppb
Cadmium	106-1	-1.34	-1.90	-1.34	-1.52		ppb
Cadmium	108-1	0.04	0.06	-0.04	0.02	289.31	ppb
Calcium	43-1	24100.82	23611.74	24150.22	23954.26	1.24	ppb
Calcium	44-1	23940.35	23789.33	24104.53	23944.74	0.66	ppb
Chromium	52-2	1.93	1.91	1.85	1.90	2.19	ppb
Cobalt	59-2	0.15	0.11	0.12	0.13	17.58	ppb
Copper	63-2	7.19	7.45	7.60	7.41	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	19.35	19.71	20.00	19.69	1.67	ppb
Iron	57-2	18.62	23.30	20.07	20.66	11.59	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.47	0.47	0.46	3.94	ppb
Lead	207-1	0.41	0.42	0.42	0.42	1.41	ppb
Lead	208-1	0.42	0.43	0.44	0.43	1.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	11652.49	11503.44	11827.63	11661.19	1.39	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.45	38.27	39.59	39.10	1.85	ppb
Molybdenum	94-1	0.15	0.10	0.09	0.11	27.09	ppb
Molybdenum	95-1	0.10	0.10	0.15	0.12	22.74	ppb
Molybdenum	96-1	0.13	0.12	0.10	0.12	10.54	ppb
Molybdenum	97-1	0.12	0.07	0.15	0.12	32.57	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.33	2.48	2.33	6.83	ppb
Phosphorus	31-2	16.31	16.52	-26.14	2.23	1100.23	ppb
Potassium	39-2	1392.60	1372.79	1470.99	1412.12	3.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	-1.47	-1.47	3.33	0.13	2103.73	ppb
Selenium	78-2	0.53	0.52	-0.25	0.27	166.60	ppb
Selenium	82-1	0.23	-0.26	0.02	0.00		ppb
Silicon	28-1	12033.89	11819.69	12030.47	11961.35	1.03	ppb
Silver	109-1	0.03	0.02	0.02	0.02	29.75	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.84	ppb
Sodium	23-2	9063.91	9095.20	9233.40	9130.84	0.99	ppb
Strontium	86-1	226.57	224.71	227.01	226.10	0.54	ppb
Strontium	88-1	232.84	231.63	232.96	232.48	0.31	ppb
Sulfur	34-1	2290.31	1928.61	2073.51	2097.48	8.68	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.03	0.04	4.76	ppb
Thallium	205-1	0.04	0.05	0.04	0.05	9.37	ppb
Tin	118-1	0.21	0.21	0.21	0.21	1.62	ppb
Titanium	47-1	0.61	0.36	0.42	0.46	27.92	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.35	ppb
Vanadium	51-2	0.27	0.27	0.34	0.30	13.54	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	15.46	16.56	16.44	16.15	3.75	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	12.72	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	22.85	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.03	17.27	16.28	15.86	10.46	ppb
Antimony	121-1	0.41	0.41	0.41	0.41	0.69	ppb
Arsenic	75-1	0.37	0.34	0.31	0.34	8.93	ppb
Barium	135-1	6.10	5.70	5.69	5.83	4.06	ppb
Barium	137-1	5.90	5.79	5.95	5.88	1.36	ppb
Beryllium	9-1	0.09	0.15	0.10	0.11	24.57	ppb
Bismuth	209-1				119		%
Bismuth	209-2				112		%
Boron	10-1	80.09	76.02	83.49	79.87	4.69	ppb
Boron	11-1	77.40	78.74	80.48	78.87	1.96	ppb
Cadmium	111-1	0.27	0.26	0.27	0.27	3.12	ppb
Cadmium	106-1	-0.25	-0.61	-0.29	-0.38		ppb
Cadmium	108-1	0.46	0.62	0.63	0.57	16.88	ppb
Calcium	43-1	47560.38	46456.88	46718.55	46911.94	1.23	ppb
Calcium	44-1	47563.41	46507.42	46816.61	46962.48	1.16	ppb
Chromium	52-2	0.73	0.78	0.81	0.77	5.67	ppb
Cobalt	59-2	0.10	0.10	0.13	0.11	15.26	ppb
Copper	63-2	142.29	144.12	144.69	143.70	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	146.97	150.99	150.83	149.59	1.52	ppb
Iron	57-2	152.14	138.32	149.01	146.49	4.95	ppb
Krypton	83-1						cps
Lead	206-1	246.87	239.97	245.79	244.21	1.52	ppb
Lead	207-1	239.05	231.57	231.42	234.01	1.87	ppb
Lead	208-1	242.53	235.13	238.33	238.66	1.56	ppb
Lithium	6-1				106		%
Magnesium	24-2	16694.29	16788.40	16957.68	16813.46	0.79	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.90	3.46	3.12	3.16	8.95	ppb
Molybdenum	94-1	0.41	0.39	0.34	0.38	9.32	ppb
Molybdenum	95-1	0.45	0.43	0.49	0.46	5.83	ppb
Molybdenum	96-1	0.39	0.42	0.40	0.40	4.03	ppb
Molybdenum	97-1	0.43	0.43	0.39	0.42	5.99	ppb
Molybdenum	98-1	0.47	0.47	0.43	0.46	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.01	5.98	6.21	6.06	2.05	ppb
Phosphorus	31-2	-4.93	-4.73	38.77	9.70	259.40	ppb
Potassium	39-2	1286.13	1239.19	1258.02	1261.11	1.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	-0.25	0.53	-0.25	0.01	3807.37	ppb
Selenium	82-1	0.19	0.09	0.37	0.22	65.41	ppb
Silicon	28-1	13511.31	13309.81	13279.26	13366.79	0.94	ppb
Silver	109-1	0.04	0.03	0.03	0.03	21.17	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.88	ppb
Sodium	23-2	14006.46	14058.75	14205.62	14090.28	0.73	ppb
Strontium	86-1	119.59	117.20	118.69	118.49	1.02	ppb
Strontium	88-1	123.68	122.74	121.98	122.80	0.69	ppb
Sulfur	34-1	5599.93	5374.77	5397.44	5457.38	2.27	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.04	0.03	0.04	31.95	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.91	ppb
Tin	118-1	3.57	3.64	3.60	3.61	1.03	ppb
Titanium	47-1	0.64	0.36	0.40	0.47	32.26	ppb
Uranium	238-1	0.94	0.92	0.92	0.93	1.15	ppb
Vanadium	51-2	0.82	0.79	0.84	0.82	3.52	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	622.14	624.64	623.63	623.47	0.20	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.06	0.06	0.07	22.17	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	4.16	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.23	11.74	5.92	10.30	37.49	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	0.43	ppb
Arsenic	75-1	0.24	0.25	0.31	0.27	13.71	ppb
Barium	135-1	5.61	5.79	5.64	5.68	1.73	ppb
Barium	137-1	5.72	5.64	5.44	5.60	2.57	ppb
Beryllium	9-1	0.08	0.09	0.10	0.09	12.62	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	10-1	74.16	72.15	74.67	73.66	1.81	ppb
Boron	11-1	76.73	75.96	77.26	76.65	0.86	ppb
Cadmium	111-1	0.04	-0.15	-0.10	-0.07		ppb
Cadmium	106-1	-0.12	-2.47	-1.74	-1.45		ppb
Cadmium	108-1	0.02	0.02	0.00	0.01	104.82	ppb
Calcium	43-1	47612.68	48352.53	47503.16	47822.79	0.97	ppb
Calcium	44-1	48147.47	48405.16	47824.17	48125.60	0.60	ppb
Chromium	52-2	0.41	0.30	0.28	0.33	20.16	ppb
Cobalt	59-2	0.06	0.08	0.09	0.08	20.50	ppb
Copper	63-2	55.03	56.45	57.53	56.34	2.23	ppb
Dysprosium	156-1						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				109		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	2.92	3.26	3.26	3.15	6.23	ppb
Iron	57-2	3.43	4.38	4.85	4.22	17.14	ppb
Krypton	83-1						cps
Lead	206-1	10.43	10.43	10.17	10.34	1.46	ppb
Lead	207-1	9.10	9.42	9.13	9.22	1.90	ppb
Lead	208-1	9.60	9.69	9.50	9.60	1.03	ppb
Lithium	6-1				107		%
Magnesium	24-2	16288.99	16676.83	16630.64	16532.15	1.28	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.69	2.72	3.10	2.84	8.07	ppb
Molybdenum	94-1	0.39	0.27	0.31	0.32	19.30	ppb
Molybdenum	95-1	0.40	0.38	0.37	0.38	3.87	ppb
Molybdenum	96-1	0.35	0.36	0.33	0.35	3.84	ppb
Molybdenum	97-1	0.42	0.40	0.41	0.41	3.51	ppb
Molybdenum	98-1	0.37	0.42	0.35	0.38	8.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.14	1.00	1.10	7.60	ppb
Phosphorus	31-2	-4.99	83.21	18.18	32.13	142.29	ppb
Potassium	39-2	1235.49	1182.77	1224.72	1214.33	2.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.53	1.35	0.55	0.81	57.32	ppb
Selenium	82-1	0.15	0.33	0.24	0.24	37.20	ppb
Silicon	28-1	12786.32	12877.33	12706.31	12789.99	0.67	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.46	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.95	ppb
Sodium	23-2	13463.00	13853.46	13881.67	13732.71	1.70	ppb
Strontium	86-1	115.60	113.19	113.17	113.99	1.22	ppb
Strontium	88-1	119.40	117.48	117.54	118.14	0.92	ppb
Sulfur	34-1	4915.71	4961.76	4970.32	4949.27	0.59	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.02	0.03	24.60	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.34	ppb
Tin	118-1	0.18	0.16	0.17	0.17	5.07	ppb
Titanium	47-1	0.50	0.39	0.37	0.42	15.93	ppb
Uranium	238-1	0.60	0.58	0.59	0.59	1.90	ppb
Vanadium	51-2	0.61	0.60	0.60	0.60	1.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	49.13	50.88	51.31	50.44	2.29	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	5.06	ppb
Zirconium	91-1	0.03	0.04	0.03	0.04	19.94	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.54	12.59	9.29	11.81	18.90	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	14.38	ppb
Arsenic	75-1	11.26	10.89	10.69	10.95	2.65	ppb
Barium	135-1	16.20	16.21	16.13	16.18	0.28	ppb
Barium	137-1	15.98	16.87	15.49	16.11	4.33	ppb
Beryllium	9-1	0.06	0.09	0.07	0.07	23.03	ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	628.46	673.07	647.12	649.55	3.45	ppb
Boron	11-1	640.48	673.16	660.39	658.01	2.50	ppb
Cadmium	111-1	-0.04	-0.13	-0.05	-0.07		ppb
Cadmium	106-1	-0.68	-1.85	-0.82	-1.12		ppb
Cadmium	108-1	0.06	0.04	0.04	0.05	24.41	ppb
Calcium	43-1	94023.83	96707.82	93150.99	94627.55	1.96	ppb
Calcium	44-1	92080.06	94679.22	90935.97	92565.08	2.07	ppb
Chromium	52-2	0.83	0.95	0.89	0.89	6.61	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	105.24	ppb
Copper	63-2	4.81	4.88	4.63	4.77	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	32.59	32.57	32.77	32.64	0.34	ppb
Iron	57-2	39.86	37.79	35.74	37.80	5.46	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.62	0.56	0.59	5.28	ppb
Lead	207-1	0.54	0.56	0.51	0.54	4.15	ppb
Lead	208-1	0.55	0.58	0.53	0.55	3.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	27138.37	27405.57	26894.51	27146.15	0.94	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	1.39	1.55	1.38	12.67	ppb
Molybdenum	94-1	3.71	3.95	3.86	3.84	3.22	ppb
Molybdenum	95-1	5.06	5.24	5.22	5.18	1.94	ppb
Molybdenum	96-1	4.91	5.12	5.03	5.02	2.05	ppb
Molybdenum	97-1	5.24	5.25	4.94	5.14	3.39	ppb
Molybdenum	98-1	5.09	5.36	5.14	5.20	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.99	0.78	0.89	11.57	ppb
Phosphorus	31-2	-4.53	-26.14	-26.14	-18.94		ppb
Potassium	39-2	1019.83	1060.67	1053.24	1044.58	2.08	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	-1.47	-1.47	3.21	0.09	2924.45	ppb
Selenium	78-2	2.08	-0.25	3.69	1.84	107.44	ppb
Selenium	82-1	0.33	1.18	0.38	0.63	75.74	ppb
Silicon	28-1	11235.39	11471.91	11065.36	11257.56	1.81	ppb
Silver	109-1	0.01	0.00	0.01	0.01	31.76	ppb
Silver	107-1	0.01	0.01	0.00	0.01	31.78	ppb
Sodium	23-2	34909.87	35466.57	34641.54	35006.00	1.20	ppb
Strontium	86-1	2489.81	2602.95	2508.69	2533.82	2.39	ppb
Strontium	88-1	2544.80	2641.45	2544.90	2577.05	2.16	ppb
Sulfur	34-1	67998.37	70058.16	67136.15	68397.56	2.20	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.25	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	18.96	ppb
Tin	118-1	0.23	0.32	0.22	0.26	21.75	ppb
Titanium	47-1	0.59	0.36	0.39	0.45	28.07	ppb
Uranium	238-1	1.53	1.52	1.47	1.51	1.93	ppb
Vanadium	51-2	3.00	2.90	2.91	2.93	1.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	28.51	28.17	28.07	28.25	0.82	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.13	0.10	0.12	13.57	ppb
Zirconium	91-1	0.09	0.13	0.13	0.12	17.52	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.94	22.35	14.33	17.54	24.19	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	32.97	ppb
Arsenic	75-1	1.95	1.98	1.95	1.96	0.75	ppb
Barium	135-1	0.39	0.39	0.41	0.40	2.77	ppb
Barium	137-1	0.35	0.36	0.38	0.37	4.43	ppb
Beryllium	9-1	0.06	0.04	0.06	0.05	17.30	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	10-1	643.36	654.06	659.42	652.28	1.25	ppb
Boron	11-1	654.41	659.99	669.58	661.33	1.16	ppb
Cadmium	111-1	-0.10	-0.14	-0.08	-0.11		ppb
Cadmium	106-1	-1.22	-1.96	-1.09	-1.42		ppb
Cadmium	108-1	0.08	0.08	0.13	0.10	25.85	ppb
Calcium	43-1	1130.14	1148.41	1143.30	1140.62	0.83	ppb
Calcium	44-1	1152.41	1152.97	1141.03	1148.80	0.59	ppb
Chromium	52-2	0.41	0.38	0.31	0.37	13.89	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	7.07	7.17	7.06	7.10	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	16.66	17.22	17.04	16.97	1.69	ppb
Iron	57-2	17.96	12.65	12.80	14.47	20.90	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.28	0.28	0.28	1.46	ppb
Lead	207-1	0.30	0.26	0.28	0.28	6.08	ppb
Lead	208-1	0.27	0.27	0.28	0.28	1.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	260.85	262.34	261.92	261.70	0.29	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.38	0.43	0.32	0.37	14.54	ppb
Molybdenum	94-1	2.61	2.75	2.56	2.64	3.75	ppb
Molybdenum	95-1	3.46	3.75	3.46	3.56	4.67	ppb
Molybdenum	96-1	3.49	3.62	3.41	3.51	3.00	ppb
Molybdenum	97-1	3.65	3.62	3.54	3.60	1.64	ppb
Molybdenum	98-1	3.59	3.63	3.67	3.63	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.14	-0.02	0.06	128.97	ppb
Phosphorus	31-2	-26.14	-3.55	-3.96	-11.22		ppb
Potassium	39-2	175.61	196.50	188.51	186.87	5.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	-1.47	3.35	3.32	1.73	159.95	ppb
Selenium	78-2	1.36	0.56	2.17	1.37	58.97	ppb
Selenium	82-1	0.37	0.77	1.37	0.84	60.56	ppb
Silicon	28-1	10150.62	10092.99	9981.32	10074.98	0.85	ppb
Silver	109-1	0.00	0.00	0.00	0.00	38.92	ppb
Silver	107-1	0.01	0.01	0.00	0.01	69.28	ppb
Sodium	23-2	203689.17	208933.42	204490.82	205704.47	1.37	ppb
Strontium	86-1	28.92	29.34	29.64	29.30	1.23	ppb
Strontium	88-1	29.57	29.77	29.98	29.77	0.69	ppb
Sulfur	34-1	73104.93	73238.01	71685.53	72676.15	1.18	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.45	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.23	ppb
Tin	118-1	0.10	0.08	0.06	0.08	27.40	ppb
Titanium	47-1	0.49	0.49	0.53	0.50	3.81	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	14.89	ppb
Vanadium	51-2	0.03	0.06	0.08	0.05	46.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	10.56	10.74	10.78	10.69	1.07	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.12	0.11	0.11	4.64	ppb
Zirconium	91-1	0.09	0.09	0.09	0.09	2.13	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.95	21.00	15.05	17.33	18.52	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	8.66	ppb
Arsenic	75-1	0.39	0.33	0.31	0.34	11.88	ppb
Barium	135-1	167.65	169.54	178.92	172.04	3.51	ppb
Barium	137-1	166.96	170.08	177.75	171.60	3.23	ppb
Beryllium	9-1	0.01	0.08	0.11	0.07	75.14	ppb
Bismuth	209-1				125		%
Bismuth	209-2				115		%
Boron	10-1	41.83	43.97	39.96	41.92	4.78	ppb
Boron	11-1	44.84	41.72	43.41	43.32	3.60	ppb
Cadmium	111-1	-0.04	-0.06	-0.06	-0.05		ppb
Cadmium	106-1	-0.95	-1.16	-1.14	-1.09		ppb
Cadmium	108-1	0.06	-0.05	0.00	0.00	1657.76	ppb
Calcium	43-1	21556.87	21641.63	22562.05	21920.18	2.54	ppb
Calcium	44-1	21640.68	21826.31	22870.19	22112.39	3.00	ppb
Chromium	52-2	0.38	0.48	0.45	0.44	10.92	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	20.15	ppb
Copper	63-2	58.50	60.52	59.91	59.65	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	42.79	42.96	45.44	43.73	3.39	ppb
Iron	57-2	43.07	41.55	43.30	42.64	2.22	ppb
Krypton	83-1						cps
Lead	206-1	1.49	1.50	1.55	1.51	2.15	ppb
Lead	207-1	1.39	1.41	1.42	1.41	0.89	ppb
Lead	208-1	1.44	1.44	1.46	1.45	0.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	6981.06	7035.75	6998.52	7005.11	0.40	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.96	2.13	2.12	2.07	4.72	ppb
Molybdenum	94-1	0.05	0.03	0.07	0.05	33.60	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	14.10	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	18.26	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	22.56	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.05	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.46	1.22	1.39	10.99	ppb
Phosphorus	31-2	56.93	59.08	58.04	58.02	1.85	ppb
Potassium	39-2	1143.77	1118.40	1082.32	1114.83	2.77	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	1.27	-0.25	1.28	0.77	114.48	ppb
Selenium	82-1	0.23	0.20	-0.10	0.11	167.27	ppb
Silicon	28-1	11929.88	12055.75	12493.17	12159.60	2.43	ppb
Silver	109-1	0.01	0.00	0.01	0.01	56.05	ppb
Silver	107-1	0.00	0.01	0.01	0.01	60.75	ppb
Sodium	23-2	13683.93	13759.98	13687.22	13710.38	0.31	ppb
Strontium	86-1	99.87	101.04	104.98	101.96	2.62	ppb
Strontium	88-1	103.92	105.64	109.95	106.50	2.91	ppb
Sulfur	34-1	1917.56	1927.37	2309.47	2051.47	10.89	ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.02	0.03	0.03	17.49	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	14.86	ppb
Tin	118-1	0.43	0.25	0.24	0.31	35.02	ppb
Titanium	47-1	0.56	0.55	0.48	0.53	7.34	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	2.34	ppb
Vanadium	51-2	0.21	0.23	0.27	0.24	12.12	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	32.76	31.23	31.45	31.81	2.61	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	35.87	ppb
Zirconium	91-1	0.04	0.01	0.00	0.02	105.21	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	164.67	148.87	136.69	150.08	9.35	ppb
Antimony	121-1	0.40	0.37	0.41	0.39	4.63	ppb
Arsenic	75-1	0.39	0.39	0.44	0.41	6.77	ppb
Barium	135-1	382.98	378.29	384.91	382.06	0.89	ppb
Barium	137-1	393.58	396.01	397.53	395.71	0.50	ppb
Beryllium	9-1	0.57	0.42	0.43	0.47	18.55	ppb
Bismuth	209-1				125		%
Bismuth	209-2				113		%
Boron	10-1	22.72	24.87	21.49	23.03	7.44	ppb
Boron	11-1	22.72	24.16	21.94	22.94	4.91	ppb
Cadmium	111-1	0.16	0.13	0.16	0.15	10.66	ppb
Cadmium	106-1	0.01	-0.49	-0.26	-0.25		ppb
Cadmium	108-1	0.18	0.20	0.14	0.17	17.01	ppb
Calcium	43-1	18826.19	18668.18	18730.36	18741.58	0.42	ppb
Calcium	44-1	18949.39	18644.56	18913.81	18835.92	0.88	ppb
Chromium	52-2	0.06	0.01	0.00	0.03	121.48	ppb
Cobalt	59-2	0.56	0.60	0.61	0.59	5.18	ppb
Copper	63-2	291.17	286.50	281.02	286.23	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				123		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	56-2	53.96	50.96	51.81	52.24	2.96	ppb
Iron	57-2	58.58	53.42	49.32	53.78	8.63	ppb
Krypton	83-1						cps
Lead	206-1	47.06	46.82	46.89	46.93	0.26	ppb
Lead	207-1	43.35	43.24	43.07	43.22	0.33	ppb
Lead	208-1	44.85	44.59	44.79	44.74	0.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	7325.05	7128.22	7084.34	7179.20	1.79	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	74.01	73.19	72.82	73.34	0.83	ppb
Molybdenum	94-1	0.05	0.04	0.03	0.04	27.17	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	35.46	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	50.89	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.03	0.02	55.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.61	0.43	0.53	17.47	ppb
Phosphorus	31-2	-4.89	-26.14	-26.14	-19.05		ppb
Potassium	39-2	3771.17	3602.89	3603.91	3659.32	2.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	23.57	36.49	23.58	27.88	26.75	ppb
Selenium	78-2	6.77	9.68	3.96	6.81	42.02	ppb
Selenium	82-1	0.83	0.49	0.41	0.58	38.84	ppb
Silicon	28-1	6998.50	6960.54	7078.91	7012.65	0.86	ppb
Silver	109-1	0.22	0.22	0.23	0.22	2.29	ppb
Silver	107-1	0.22	0.23	0.23	0.22	2.74	ppb
Sodium	23-2	55992.12	55046.98	54528.72	55189.27	1.34	ppb
Strontium	86-1	146.64	144.72	147.01	146.12	0.84	ppb
Strontium	88-1	152.39	148.76	150.20	150.45	1.22	ppb
Sulfur	34-1	251.59	110.79	387.79	250.06	55.39	ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.79	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	5.40	ppb
Tin	118-1	28.77	28.98	28.58	28.78	0.70	ppb
Titanium	47-1	0.36	0.35	0.38	0.36	3.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.99	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	95.64	ppb
Yttrium	89-1				118		%
Yttrium	89-2				105		%
Zinc	66-2	29.92	27.78	26.93	28.21	5.45	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	24.18	ppb
Zirconium	91-1	0.00	0.03	0.02	0.01	107.13	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.17	6.52	7.89	8.53	28.06	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	2.96	ppb
Arsenic	75-1	4.62	4.74	4.94	4.77	3.38	ppb
Barium	135-1	146.48	151.45	156.51	151.48	3.31	ppb
Barium	137-1	147.83	151.57	157.70	152.37	3.27	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	2.49	ppb
Bismuth	209-1				122		%
Bismuth	209-2				114		%
Boron	10-1	552.78	570.08	622.21	581.69	6.21	ppb
Boron	11-1	564.77	582.04	636.73	594.52	6.32	ppb
Cadmium	111-1	-0.12	0.01	-0.11	-0.07		ppb
Cadmium	106-1	-1.67	0.19	-1.59	-1.02		ppb
Cadmium	108-1	-0.03	0.04	0.07	0.03	178.06	ppb
Calcium	43-1	39397.51	40778.19	42237.01	40804.24	3.48	ppb
Calcium	44-1	39622.82	40765.16	42266.20	40884.72	3.24	ppb
Chromium	52-2	0.68	0.75	0.67	0.70	6.32	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	111.34	ppb
Copper	63-2	3.47	3.50	3.33	3.43	2.77	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				119		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	56-2	3.92	3.90	3.58	3.80	5.04	ppb
Iron	57-2	1.88	6.62	4.95	4.48	53.66	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.10	0.11	8.05	ppb
Lead	207-1	0.12	0.12	0.10	0.11	7.39	ppb
Lead	208-1	0.11	0.12	0.11	0.11	1.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	26429.43	26987.09	26349.59	26588.70	1.31	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.36	0.47	0.36	30.29	ppb
Molybdenum	94-1	0.30	0.35	0.34	0.33	8.02	ppb
Molybdenum	95-1	0.45	0.51	0.43	0.46	8.23	ppb
Molybdenum	96-1	0.44	0.47	0.42	0.44	5.93	ppb
Molybdenum	97-1	0.43	0.41	0.42	0.42	2.61	ppb
Molybdenum	98-1	0.41	0.42	0.46	0.43	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.28	0.38	0.33	15.75	ppb
Phosphorus	31-2	15.70	17.05	-26.14	2.20	1114.24	ppb
Potassium	39-2	677.09	661.94	655.46	664.83	1.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.51	0.52	1.28	0.77	57.22	ppb
Selenium	82-1	0.42	1.18	0.46	0.69	62.01	ppb
Silicon	28-1	12300.51	12686.48	13171.57	12719.52	3.43	ppb
Silver	109-1	0.00	0.01	0.00	0.00	72.53	ppb
Silver	107-1	0.00	0.01	0.01	0.01	64.93	ppb
Sodium	23-2	15565.95	15808.65	15598.06	15657.56	0.84	ppb
Strontium	86-1	331.98	338.12	351.47	340.53	2.93	ppb
Strontium	88-1	337.66	342.81	355.38	345.28	2.64	ppb
Sulfur	34-1	8605.67	9215.01	9874.22	9231.64	6.87	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.14	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.10	ppb
Tin	118-1	0.09	0.07	0.04	0.06	38.56	ppb
Titanium	47-1	0.45	0.46	0.49	0.46	4.50	ppb
Uranium	238-1	4.24	4.42	4.53	4.40	3.36	ppb
Vanadium	51-2	8.48	8.68	8.48	8.55	1.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	5.70	5.77	5.52	5.66	2.28	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.03	0.02	41.19	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	81.71	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54843.20	54840.45	55089.17	54924.28	0.26	ppb
Antimony	121-1	568.48	513.06	512.36	531.30	6.06	ppb
Arsenic	75-1	544.55	497.17	493.01	511.58	5.60	ppb
Barium	135-1	2880.26	2563.76	2609.33	2684.45	6.37	ppb
Barium	137-1	2864.99	2586.67	2609.43	2687.03	5.75	ppb
Beryllium	9-1	592.27	529.01	531.70	550.99	6.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	589.39	530.47	549.34	556.40	5.41	ppb
Boron	11-1	584.28	536.09	546.15	555.50	4.58	ppb
Cadmium	111-1	550.29	495.15	497.50	514.32	6.06	ppb
Cadmium	106-1	559.07	503.67	510.26	524.33	5.77	ppb
Cadmium	108-1	559.14	503.49	510.00	524.21	5.80	ppb
Calcium	43-1	274237.27	250479.99	249116.63	257944.63	5.48	ppb
Calcium	44-1	274579.92	251143.20	248227.12	257983.41	5.60	ppb
Chromium	52-2	555.05	560.10	562.77	559.31	0.70	ppb
Cobalt	59-2	494.26	497.79	498.71	496.92	0.47	ppb
Copper	63-2	1000.27	1013.71	996.27	1003.42	0.91	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				110		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	133484.01	135167.51	135250.16	134633.89	0.74	ppb
Iron	57-2	136581.89	135885.07	136363.62	136276.86	0.26	ppb
Krypton	83-1						cps
Lead	206-1	588.75	528.45	532.87	550.02	6.11	ppb
Lead	207-1	582.60	528.16	530.74	547.17	5.61	ppb
Lead	208-1	581.89	524.97	527.88	544.91	5.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	262998.47	262523.64	261068.33	262196.81	0.38	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.45	1031.43	1034.10	1031.66	0.23	ppb
Molybdenum	94-1	2866.46	2594.33	2615.39	2692.06	5.62	ppb
Molybdenum	95-1	2869.35	2636.45	2612.91	2706.24	5.24	ppb
Molybdenum	96-1	2886.65	2632.35	2597.44	2705.48	5.84	ppb
Molybdenum	97-1	2871.82	2611.94	2593.15	2692.30	5.78	ppb
Molybdenum	98-1	2855.52	2632.00	2578.62	2688.71	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.43	529.26	528.86	528.18	0.29	ppb
Phosphorus	31-2	11364.98	10930.11	11508.50	11267.86	2.67	ppb
Potassium	39-2	133006.71	133284.19	133480.24	133257.05	0.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	566.48	496.69	460.77	507.98	10.58	ppb
Selenium	78-2	557.69	512.66	553.21	541.19	4.58	ppb
Selenium	82-1	560.49	510.84	502.69	524.68	5.96	ppb
Silicon	28-1	588.53	535.60	526.92	550.35	6.06	ppb
Silver	109-1	559.91	507.56	504.58	524.02	5.94	ppb
Silver	107-1	556.97	503.64	506.11	522.24	5.76	ppb
Sodium	23-2	260847.67	262802.24	261176.55	261608.82	0.40	ppb
Strontium	86-1	578.54	521.99	522.51	541.02	6.01	ppb
Strontium	88-1	581.30	520.16	518.40	539.95	6.63	ppb
Sulfur	34-1	12964.56	11029.81	10889.12	11627.83	9.97	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	580.22	528.62	528.95	545.93	5.44	ppb
Thallium	205-1	580.13	528.48	525.30	544.63	5.65	ppb
Tin	118-1	577.19	517.59	518.56	537.78	6.35	ppb
Titanium	47-1	2850.37	2612.76	2589.50	2684.21	5.38	ppb
Uranium	238-1	588.19	534.80	532.19	551.73	5.73	ppb
Vanadium	51-2	518.14	517.41	516.83	517.46	0.13	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1005.82	1002.36	1000.73	1002.97	0.26	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	573.41	522.64	522.76	539.60	5.43	ppb
Zirconium	91-1	583.31	528.96	524.90	545.73	5.98	ppb

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 16:12:06 DataFile Name : 052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	1.03	0.69	0.28	365.61	ppb
Antimony	121-1	0.33	0.34	0.33	0.33	2.22	ppb
Arsenic	75-1	0.03	0.04	0.03	0.04	16.28	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	580.49	ppb
Barium	137-1	0.01	0.01	0.00	0.01	100.35	ppb
Beryllium	9-1	0.10	0.14	0.13	0.12	14.90	ppb
Bismuth	209-1				118		%
Bismuth	209-2				111		%
Boron	10-1	13.03	12.61	11.14	12.26	8.10	ppb
Boron	11-1	12.54	12.01	11.45	12.00	4.55	ppb
Cadmium	111-1	-0.04	-0.01	-0.03	-0.03		ppb
Cadmium	106-1	-0.56	-0.12	-0.66	-0.45		ppb
Cadmium	108-1	0.07	0.02	-0.02	0.02	200.16	ppb
Calcium	43-1	2.00	9.21	5.66	5.62	64.09	ppb
Calcium	44-1	1.95	-0.07	-0.16	0.58	207.51	ppb
Chromium	52-2	-0.02	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	-0.02	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	1.52	1.23	1.39	1.38	10.57	ppb
Iron	57-2	1.94	2.68	0.84	1.82	50.87	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	3.51	ppb
Lead	207-1	0.07	0.06	0.05	0.06	19.07	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	-3.09	2.55	-1.22	-0.59		ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:12:06	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	-0.01	-0.04	0.00	1622.84	ppb
Molybdenum	94-1	0.40	0.36	0.37	0.38	5.45	ppb
Molybdenum	95-1	0.31	0.27	0.24	0.27	12.76	ppb
Molybdenum	96-1	0.26	0.29	0.26	0.27	6.10	ppb
Molybdenum	97-1	0.23	0.29	0.26	0.26	11.51	ppb
Molybdenum	98-1	0.25	0.25	0.25	0.25	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.18	-0.15	-0.15		ppb
Phosphorus	31-2	-26.14	16.26	-26.14	-12.01		ppb
Potassium	39-2	43.47	24.39	20.19	29.35	42.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.53	-0.25	0.53	0.27	165.53	ppb
Selenium	82-1	0.13	-0.19	0.28	0.07	320.85	ppb
Silicon	28-1	-5.38	-6.62	-6.79	-6.26		ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.94	ppb
Sodium	23-2	48.91	49.82	55.63	51.45	7.09	ppb
Strontium	86-1	0.00	0.02	0.01	0.01	140.80	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	17.35	ppb
Sulfur	34-1	585.85	526.97	429.62	514.14	15.35	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.07	0.07	0.07	8.38	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.71	ppb
Tin	118-1	0.08	0.09	0.11	0.09	15.75	ppb
Titanium	47-1	0.07	-0.02	0.04	0.03	140.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1.63	ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.85	0.75	0.74	0.78	7.54	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:12:06	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.10	0.11	7.95	ppb
Zirconium	91-1	0.09	0.09	0.08	0.09	4.72	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:15:28	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.98	39.76	49.48	43.74	11.65	ppb
Antimony	121-1	0.15	0.15	0.15	0.15	1.42	ppb
Arsenic	75-1	0.03	0.05	0.04	0.04	27.15	ppb
Barium	135-1	1.61	1.59	1.73	1.65	4.64	ppb
Barium	137-1	1.67	1.61	1.60	1.63	2.25	ppb
Beryllium	9-1	0.20	0.22	0.23	0.22	5.68	ppb
Bismuth	209-1				128		%
Bismuth	209-2				118		%
Boron	10-1	12.04	13.16	12.52	12.57	4.46	ppb
Boron	11-1	12.90	12.34	12.86	12.70	2.50	ppb
Cadmium	111-1	0.00	0.04	-0.04	0.00		ppb
Cadmium	106-1	-1.06	-0.54	-1.35	-0.98		ppb
Cadmium	108-1	0.03	0.05	0.14	0.08	74.26	ppb
Calcium	43-1	8210.85	8317.68	8384.77	8304.43	1.06	ppb
Calcium	44-1	8222.34	8314.04	8475.80	8337.39	1.54	ppb
Chromium	52-2	0.83	0.80	0.90	0.85	6.12	ppb
Cobalt	59-2	0.27	0.27	0.36	0.30	16.37	ppb
Copper	63-2	7.47	7.45	7.58	7.50	0.93	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				123		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				102		%
Iron	56-2	6.15	6.64	6.34	6.37	3.92	ppb
Iron	57-2	6.15	4.75	8.05	6.31	26.24	ppb
Krypton	83-1						cps
Lead	206-1	35.13	34.95	35.89	35.32	1.40	ppb
Lead	207-1	33.18	33.30	34.03	33.50	1.37	ppb
Lead	208-1	34.03	33.98	34.80	34.27	1.34	ppb
Lithium	6-1				115		%
Magnesium	24-2	1331.84	1336.98	1400.97	1356.60	2.84	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:15:28	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.57	1.20	1.31	1.36	13.82	ppb
Molybdenum	94-1	0.13	0.16	0.17	0.15	13.24	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	6.34	ppb
Molybdenum	96-1	0.11	0.09	0.13	0.11	18.02	ppb
Molybdenum	97-1	0.10	0.09	0.13	0.11	23.02	ppb
Molybdenum	98-1	0.10	0.12	0.09	0.10	11.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.68	4.46	4.69	4.61	2.80	ppb
Phosphorus	31-2	116.21	260.92	272.47	216.53	40.21	ppb
Potassium	39-2	1982.61	1904.79	2004.40	1963.93	2.67	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	77-2	-1.47	-1.47	-1.47	-1.47		ppb
Selenium	78-2	0.49	2.01	-0.25	0.75	153.09	ppb
Selenium	82-1	0.60	0.66	-0.10	0.39	108.45	ppb
Silicon	28-1	3454.41	3432.78	3487.65	3458.28	0.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.32	ppb
Sodium	23-2	5042.56	5075.48	5229.32	5115.78	1.95	ppb
Strontium	86-1	32.66	32.32	33.26	32.75	1.45	ppb
Strontium	88-1	33.03	32.57	33.11	32.90	0.88	ppb
Sulfur	34-1	869.35	813.35	1007.59	896.77	11.15	ppb
Terbium	159-1				122		%
Terbium	159-2				114		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.39	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.50	ppb
Tin	118-1	1.09	1.14	1.12	1.12	2.29	ppb
Titanium	47-1	0.39	0.35	0.56	0.43	25.13	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	1.50	ppb
Vanadium	51-2	0.13	0.16	0.14	0.15	12.86	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	26.09	25.63	27.60	26.44	3.89	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:15:28	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.05	0.06	15.50	ppb
Zirconium	91-1	0.03	0.06	0.03	0.04	45.84	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	564.78	581.72	638.11	594.87	6.45	ppb
Antimony	121-1	0.11	0.11	0.13	0.12	9.19	ppb
Arsenic	75-1	0.33	0.29	0.28	0.30	8.25	ppb
Barium	135-1	5.24	5.46	5.39	5.36	2.15	ppb
Barium	137-1	5.13	5.31	5.34	5.26	2.18	ppb
Beryllium	9-1	2.48	2.49	2.44	2.47	1.02	ppb
Bismuth	209-1				132		%
Bismuth	209-2				118		%
Boron	10-1	11.95	10.40	12.11	11.49	8.20	ppb
Boron	11-1	11.83	11.62	10.94	11.46	4.09	ppb
Cadmium	111-1	1.99	2.04	1.94	1.99	2.51	ppb
Cadmium	106-1	1.21	1.94	1.63	1.59	23.09	ppb
Cadmium	108-1	2.73	2.57	2.61	2.64	3.24	ppb
Calcium	43-1	8672.27	8865.41	8867.99	8801.89	1.28	ppb
Calcium	44-1	8821.98	9075.92	8854.66	8917.52	1.55	ppb
Chromium	52-2	1.03	1.01	1.31	1.12	14.86	ppb
Cobalt	59-2	162.09	165.00	182.42	169.83	6.47	ppb
Copper	63-2	1109.74	1120.35	1245.23	1158.44	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				114		%
Indium	115-1				117		%
Indium	115-2				101		%
Iron	56-2	1550.71	1577.69	1751.21	1626.54	6.69	ppb
Iron	57-2	1512.59	1555.13	1729.51	1599.08	7.19	ppb
Krypton	83-1						cps
Lead	206-1	120.99	122.80	121.73	121.84	0.75	ppb
Lead	207-1	112.12	114.47	112.78	113.12	1.07	ppb
Lead	208-1	117.80	120.44	118.21	118.81	1.20	ppb
Lithium	6-1				116		%
Magnesium	24-2	1794.63	1852.81	2031.68	1893.04	6.53	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.38	108.57	120.14	112.03	6.29	ppb
Molybdenum	94-1	0.40	0.45	0.42	0.42	5.42	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	11.81	ppb
Molybdenum	96-1	0.13	0.14	0.13	0.13	4.71	ppb
Molybdenum	97-1	0.05	0.07	0.02	0.05	49.59	ppb
Molybdenum	98-1	0.08	0.07	0.04	0.06	34.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.40	149.13	165.22	153.58	6.62	ppb
Phosphorus	31-2	490.27	583.29	471.19	514.92	11.65	ppb
Potassium	39-2	2014.97	1991.94	2262.54	2089.82	7.18	ppb
Rhodium	103-1				113		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	23.86	16.05	59.47	33.13	69.87	ppb
Selenium	78-2	6.85	5.64	6.06	6.18	9.92	ppb
Selenium	82-1	1.21	0.51	0.27	0.66	73.46	ppb
Silicon	28-1	3964.23	4386.02	3981.02	4110.42	5.81	ppb
Silver	109-1	0.02	0.02	0.03	0.02	20.30	ppb
Silver	107-1	0.02	0.02	0.03	0.02	13.41	ppb
Sodium	23-2	4927.48	5000.31	5614.00	5180.60	7.28	ppb
Strontium	86-1	31.32	31.97	31.74	31.68	1.04	ppb
Strontium	88-1	31.68	31.98	31.75	31.81	0.49	ppb
Sulfur	34-1	206.52	533.93	349.99	363.48	45.15	ppb
Terbium	159-1				124		%
Terbium	159-2				112		%
Thallium	203-1	0.26	0.29	0.30	0.28	8.38	ppb
Thallium	205-1	0.28	0.28	0.30	0.29	3.10	ppb
Tin	118-1	2.13	2.33	2.16	2.21	4.87	ppb
Titanium	47-1	7.35	10.29	7.80	8.48	18.68	ppb
Uranium	238-1	1.01	1.05	1.01	1.03	2.37	ppb
Vanadium	51-2	0.45	0.46	0.48	0.46	2.63	ppb
Yttrium	89-1				115		%
Yttrium	89-2				99		%
Zinc	66-2	1918.34	1939.08	2153.88	2003.77	6.51	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.34	0.26	0.29	16.21	ppb
Zirconium	91-1	0.24	0.30	0.29	0.28	10.38	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:22:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.25	25.77	31.28	28.44	9.71	ppb
Antimony	121-1	0.09	0.12	0.10	0.10	15.44	ppb
Arsenic	75-1	0.07	0.08	0.07	0.07	10.24	ppb
Barium	135-1	1.70	1.86	1.81	1.79	4.56	ppb
Barium	137-1	1.75	1.85	1.79	1.80	2.95	ppb
Beryllium	9-1	0.17	0.25	0.29	0.23	25.24	ppb
Bismuth	209-1				129		%
Bismuth	209-2				116		%
Boron	10-1	11.06	10.42	10.94	10.81	3.16	ppb
Boron	11-1	10.68	11.15	10.65	10.82	2.58	ppb
Cadmium	111-1	-0.01	-0.02	0.04	0.00	816.23	ppb
Cadmium	106-1	-1.02	-0.92	-0.29	-0.74		ppb
Cadmium	108-1	0.04	0.23	0.12	0.13	76.77	ppb
Calcium	43-1	7377.89	7903.02	7442.33	7574.41	3.78	ppb
Calcium	44-1	7625.34	7944.03	7476.52	7681.96	3.11	ppb
Chromium	52-2	0.93	0.77	0.87	0.86	9.79	ppb
Cobalt	59-2	0.14	0.14	0.14	0.14	1.17	ppb
Copper	63-2	32.25	32.56	32.72	32.51	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	8.66	8.14	8.30	8.36	3.19	ppb
Iron	57-2	6.30	10.06	10.15	8.84	24.90	ppb
Krypton	83-1						cps
Lead	206-1	61.12	63.23	60.51	61.62	2.32	ppb
Lead	207-1	52.88	54.91	52.79	53.53	2.24	ppb
Lead	208-1	56.09	57.97	55.56	56.54	2.24	ppb
Lithium	6-1				113		%
Magnesium	24-2	1219.33	1201.72	1212.69	1211.25	0.73	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:22:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.23	1.54	1.46	1.41	11.49	ppb
Molybdenum	94-1	0.10	0.08	0.08	0.09	13.21	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	16.97	ppb
Molybdenum	96-1	0.06	0.08	0.06	0.07	16.60	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	20.36	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.19	17.36	17.14	17.23	0.67	ppb
Phosphorus	31-2	409.18	307.21	393.84	370.08	14.86	ppb
Potassium	39-2	1938.61	1891.09	1963.07	1930.92	1.90	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	-1.47	3.06	-1.47	0.04	6284.08	ppb
Selenium	78-2	-0.25	2.80	-0.25	0.77	228.74	ppb
Selenium	82-1	-0.12	0.48	0.04	0.13	232.84	ppb
Silicon	28-1	3345.42	3537.82	3377.93	3420.39	3.01	ppb
Silver	109-1	0.01	0.00	0.01	0.01	34.23	ppb
Silver	107-1	0.01	0.00	0.01	0.00	78.28	ppb
Sodium	23-2	5031.46	5003.48	5070.49	5035.14	0.67	ppb
Strontium	86-1	26.58	28.06	27.20	27.28	2.73	ppb
Strontium	88-1	26.76	28.42	26.93	27.37	3.33	ppb
Sulfur	34-1	394.37	970.67	516.51	627.18	48.42	ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.05	0.04	0.05	12.25	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	9.76	ppb
Tin	118-1	2.84	2.99	2.89	2.90	2.62	ppb
Titanium	47-1	0.40	0.32	0.34	0.35	11.59	ppb
Uranium	238-1	0.06	0.06	0.07	0.07	2.38	ppb
Vanadium	51-2	0.07	0.10	0.15	0.11	34.96	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	333.05	326.78	330.77	330.20	0.96	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:22:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	14.68	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	27.04	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131.20	117.11	128.09	125.46	5.90	ppb
Antimony	121-1	0.24	0.25	0.22	0.24	6.84	ppb
Arsenic	75-1	0.13	0.10	0.13	0.12	12.53	ppb
Barium	135-1	29.37	31.80	30.81	30.66	3.98	ppb
Barium	137-1	29.61	32.16	30.47	30.75	4.22	ppb
Beryllium	9-1	0.31	0.40	0.34	0.35	12.80	ppb
Bismuth	209-1				129		%
Bismuth	209-2				119		%
Boron	10-1	8.21	10.65	9.20	9.35	13.15	ppb
Boron	11-1	8.91	10.47	9.44	9.60	8.25	ppb
Cadmium	111-1	0.81	0.90	0.83	0.85	5.78	ppb
Cadmium	106-1	0.20	0.30	0.44	0.31	38.97	ppb
Cadmium	108-1	0.65	0.90	0.97	0.84	19.75	ppb
Calcium	43-1	2730.03	2827.52	2713.50	2757.02	2.23	ppb
Calcium	44-1	2674.01	2843.14	2730.84	2749.33	3.13	ppb
Chromium	52-2	0.37	0.28	0.23	0.29	25.08	ppb
Cobalt	59-2	19.28	19.19	18.45	18.98	2.41	ppb
Copper	63-2	93.98	93.25	93.34	93.53	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				116		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	219.77	214.69	212.16	215.54	1.80	ppb
Iron	57-2	227.36	219.55	222.17	223.02	1.78	ppb
Krypton	83-1						cps
Lead	206-1	10.37	11.29	11.00	10.89	4.34	ppb
Lead	207-1	9.93	10.77	10.29	10.33	4.07	ppb
Lead	208-1	10.15	10.95	10.57	10.55	3.80	ppb
Lithium	6-1				113		%
Magnesium	24-2	1246.09	1217.41	1253.51	1239.00	1.54	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.99	15.22	16.31	15.84	3.53	ppb
Molybdenum	94-1	0.04	0.01	0.06	0.04	65.34	ppb
Molybdenum	95-1	0.03	0.06	0.05	0.05	38.33	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	28.61	ppb
Molybdenum	97-1	0.06	0.02	0.01	0.03	78.08	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.04	13.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.63	42.66	42.67	42.65	0.05	ppb
Phosphorus	31-2	-26.14	-5.23	15.35	-5.34		ppb
Potassium	39-2	1156.80	1125.00	1133.53	1138.44	1.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	7.47	12.00	-1.47	6.00	114.20	ppb
Selenium	78-2	-0.25	1.26	1.27	0.76	114.62	ppb
Selenium	82-1	0.10	0.68	0.11	0.30	111.27	ppb
Silicon	28-1	3276.88	3480.80	3347.59	3368.42	3.07	ppb
Silver	109-1	0.76	0.88	0.78	0.81	7.90	ppb
Silver	107-1	0.77	0.83	0.69	0.76	9.41	ppb
Sodium	23-2	5379.63	5284.80	5254.99	5306.47	1.23	ppb
Strontium	86-1	28.15	29.80	28.82	28.92	2.88	ppb
Strontium	88-1	28.50	30.43	29.29	29.41	3.29	ppb
Sulfur	34-1	951.84	1815.81	1239.21	1335.62	32.94	ppb
Terbium	159-1				121		%
Terbium	159-2				114		%
Thallium	203-1	0.33	0.37	0.35	0.35	5.49	ppb
Thallium	205-1	0.32	0.34	0.34	0.33	3.05	ppb
Tin	118-1	6.93	7.43	7.63	7.33	4.91	ppb
Titanium	47-1	0.15	0.18	0.13	0.15	14.81	ppb
Uranium	238-1	0.75	0.78	0.73	0.75	3.28	ppb
Vanadium	51-2	0.34	0.39	0.49	0.41	18.86	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	1208.36	1189.50	1173.04	1190.30	1.48	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	76.74	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	194.05	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.66	21.20	20.64	20.50	3.81	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.26	ppb
Arsenic	75-1	0.03	0.05	0.06	0.05	36.01	ppb
Barium	135-1	42.48	41.37	41.24	41.70	1.64	ppb
Barium	137-1	43.23	40.88	41.37	41.82	2.97	ppb
Beryllium	9-1	0.56	0.48	0.41	0.48	15.66	ppb
Bismuth	209-1				126		%
Bismuth	209-2				119		%
Boron	10-1	7.75	9.22	7.88	8.29	9.82	ppb
Boron	11-1	9.83	9.42	9.07	9.44	4.05	ppb
Cadmium	111-1	0.28	0.22	0.25	0.25	12.87	ppb
Cadmium	106-1	-1.33	-0.98	-0.79	-1.03		ppb
Cadmium	108-1	0.15	0.28	0.24	0.22	31.00	ppb
Calcium	43-1	3538.46	3433.08	3439.57	3470.37	1.70	ppb
Calcium	44-1	3729.80	3522.65	3550.43	3600.96	3.12	ppb
Chromium	52-2	1.14	1.17	1.27	1.19	5.56	ppb
Cobalt	59-2	18.41	19.06	18.20	18.55	2.42	ppb
Copper	63-2	199.16	207.66	201.24	202.68	2.19	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				122		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	172.75	178.27	172.87	174.63	1.81	ppb
Iron	57-2	155.68	175.28	174.60	168.52	6.60	ppb
Krypton	83-1						cps
Lead	206-1	12.07	11.23	11.69	11.67	3.62	ppb
Lead	207-1	11.21	10.42	10.79	10.81	3.68	ppb
Lead	208-1	11.57	10.74	11.09	11.13	3.74	ppb
Lithium	6-1				113		%
Magnesium	24-2	1381.33	1431.57	1394.59	1402.50	1.86	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.06	17.69	17.87	17.54	2.43	ppb
Molybdenum	94-1	0.01	0.00	0.03	0.02	81.52	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	56.13	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	42.68	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	70.71	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.38	24.32	23.26	23.65	2.45	ppb
Phosphorus	31-2	-26.14	-4.66	-26.14	-18.98		ppb
Potassium	39-2	1342.05	1404.85	1371.75	1372.88	2.29	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	2.98	-1.47	-1.47	0.01	18659.79	ppb
Selenium	78-2	0.50	0.50	2.04	1.02	87.50	ppb
Selenium	82-1	0.50	0.22	0.32	0.35	41.03	ppb
Silicon	28-1	3582.69	3404.51	3412.98	3466.73	2.90	ppb
Silver	109-1	0.02	0.03	0.01	0.02	39.79	ppb
Silver	107-1	0.03	0.02	0.03	0.03	5.62	ppb
Sodium	23-2	4856.40	4992.24	4889.12	4912.59	1.44	ppb
Strontium	86-1	46.42	44.69	44.83	45.31	2.13	ppb
Strontium	88-1	47.79	45.18	45.25	46.08	3.22	ppb
Sulfur	34-1	293.44	-272.78	-198.47	-59.27		ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.23	0.22	0.23	0.23	2.13	ppb
Thallium	205-1	0.21	0.19	0.22	0.21	5.63	ppb
Tin	118-1	0.17	0.17	0.47	0.27	63.96	ppb
Titanium	47-1	0.07	0.13	0.22	0.14	54.14	ppb
Uranium	238-1	0.55	0.52	0.54	0.54	3.55	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	21.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	120.86	124.04	117.83	120.91	2.56	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	-0.01	0.00	325.66	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	634.63	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54180.81	54417.59	49627.23	52741.88	5.12	ppb
Antimony	121-1	510.45	528.10	512.59	517.04	1.86	ppb
Arsenic	75-1	489.83	502.04	497.24	496.37	1.24	ppb
Barium	135-1	2574.42	2671.01	2618.06	2621.16	1.85	ppb
Barium	137-1	2569.04	2696.73	2616.55	2627.44	2.46	ppb
Beryllium	9-1	524.16	556.19	531.56	537.30	3.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	500.29	549.22	538.86	529.46	4.87	ppb
Boron	11-1	507.36	555.63	539.13	534.04	4.59	ppb
Cadmium	111-1	495.31	514.66	501.01	503.66	1.97	ppb
Cadmium	106-1	507.25	525.23	514.11	515.53	1.76	ppb
Cadmium	108-1	503.77	529.25	505.45	512.82	2.78	ppb
Calcium	43-1	249896.16	254604.35	249864.53	251455.01	1.08	ppb
Calcium	44-1	249519.56	254460.67	251281.80	251754.01	0.99	ppb
Chromium	52-2	551.70	552.23	502.04	535.33	5.38	ppb
Cobalt	59-2	488.03	488.77	446.43	474.41	5.11	ppb
Copper	63-2	989.13	973.86	898.58	953.86	5.08	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				113		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	132700.46	132696.60	120880.82	128759.29	5.30	ppb
Iron	57-2	133761.98	135200.60	120666.29	129876.29	6.17	ppb
Krypton	83-1						cps
Lead	206-1	522.86	545.91	530.95	533.24	2.19	ppb
Lead	207-1	519.70	539.75	528.10	529.18	1.90	ppb
Lead	208-1	516.07	539.59	526.61	527.43	2.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	258157.68	259351.71	236502.82	251337.41	5.12	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.95	1019.73	928.43	986.37	5.11	ppb
Molybdenum	94-1	2564.67	2669.46	2636.83	2623.65	2.04	ppb
Molybdenum	95-1	2599.13	2679.14	2637.10	2638.45	1.52	ppb
Molybdenum	96-1	2560.49	2670.92	2612.36	2614.59	2.11	ppb
Molybdenum	97-1	2544.27	2671.94	2603.23	2606.48	2.45	ppb
Molybdenum	98-1	2559.24	2670.62	2607.58	2612.48	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.19	520.70	471.03	502.30	5.42	ppb
Phosphorus	31-2	10941.69	10739.41	10407.23	10696.11	2.52	ppb
Potassium	39-2	130008.90	130205.86	119684.40	126633.06	4.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	511.86	569.38	472.95	518.06	9.36	ppb
Selenium	78-2	516.92	529.31	464.52	503.58	6.83	ppb
Selenium	82-1	497.96	520.57	508.48	509.00	2.22	ppb
Silicon	28-1	519.99	539.41	529.27	529.56	1.83	ppb
Silver	109-1	503.03	529.46	511.53	514.67	2.62	ppb
Silver	107-1	501.51	525.76	514.65	513.97	2.36	ppb
Sodium	23-2	256733.05	258441.60	234790.41	249988.35	5.28	ppb
Strontium	86-1	528.67	537.60	525.35	530.54	1.19	ppb
Strontium	88-1	515.65	536.29	525.10	525.68	1.97	ppb
Sulfur	34-1	10757.14	11303.53	10736.84	10932.50	2.94	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	522.57	545.56	531.74	533.29	2.17	ppb
Thallium	205-1	515.84	542.44	527.59	528.63	2.52	ppb
Tin	118-1	514.48	534.02	520.20	522.90	1.92	ppb
Titanium	47-1	2615.49	2675.82	2624.19	2638.50	1.24	ppb
Uranium	238-1	519.15	552.38	533.96	535.16	3.11	ppb
Vanadium	51-2	510.22	507.78	464.78	494.26	5.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	980.38	984.14	896.53	953.68	5.19	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.10	537.10	522.00	524.73	2.14	ppb
Zirconium	91-1	525.16	539.49	531.08	531.91	1.35	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:04:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	0.98	1.05	1.02	3.38	ppb
Antimony	121-1	1.16	0.96	0.96	1.03	11.13	ppb
Arsenic	75-1	0.12	0.09	0.08	0.10	22.34	ppb
Barium	135-1	0.07	0.06	0.09	0.07	22.24	ppb
Barium	137-1	0.06	0.07	0.04	0.05	29.16	ppb
Beryllium	9-1	0.28	0.33	0.20	0.27	24.17	ppb
Bismuth	209-1				121		%
Bismuth	209-2				112		%
Boron	10-1	17.91	13.55	13.76	15.07	16.34	ppb
Boron	11-1	17.34	15.54	13.87	15.58	11.13	ppb
Cadmium	111-1	-0.04	-0.11	-0.04	-0.07		ppb
Cadmium	106-1	-0.84	-1.70	-0.75	-1.10		ppb
Cadmium	108-1	0.02	0.00	0.04	0.02	111.01	ppb
Calcium	43-1	12.35	9.91	11.16	11.14	10.94	ppb
Calcium	44-1	9.19	3.13	4.75	5.69	55.08	ppb
Chromium	52-2	-0.01	-0.02	-0.05	-0.03		ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	29.39	ppb
Copper	63-2	0.05	0.04	0.04	0.05	6.28	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				117		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	3.95	3.16	3.16	3.42	13.37	ppb
Iron	57-2	1.15	1.86	1.96	1.66	26.46	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.08	6.66	ppb
Lead	207-1	0.10	0.09	0.10	0.09	5.10	ppb
Lead	208-1	0.09	0.08	0.07	0.08	7.51	ppb
Lithium	6-1				111		%
Magnesium	24-2	1.35	3.68	0.96	2.00	73.54	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:04:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	-0.01	0.07	0.06	115.64	ppb
Molybdenum	94-1	0.97	0.91	0.80	0.89	9.44	ppb
Molybdenum	95-1	1.00	0.93	0.74	0.89	14.90	ppb
Molybdenum	96-1	1.04	0.88	0.75	0.89	16.01	ppb
Molybdenum	97-1	0.91	0.89	0.83	0.88	4.66	ppb
Molybdenum	98-1	0.97	0.84	0.77	0.86	12.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.16	-0.10	-0.12		ppb
Phosphorus	31-2	-26.14	-26.14	-26.14	-26.14		ppb
Potassium	39-2	22.61	32.68	36.13	30.47	23.04	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	-1.47	-1.47	3.25	0.11	2578.82	ppb
Selenium	78-2	-0.25	0.50	-0.25	0.00	24021.28	ppb
Selenium	82-1	0.00	0.30	-0.11	0.06	326.90	ppb
Silicon	28-1	-5.67	-6.41	-6.66	-6.24		ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.98	ppb
Silver	107-1	0.03	0.03	0.02	0.03	30.84	ppb
Sodium	23-2	67.98	65.44	71.42	68.28	4.39	ppb
Strontium	86-1	0.00	-0.09	0.00	-0.03		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	23.93	ppb
Sulfur	34-1	206.67	-190.65	-112.61	-32.19		ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.19	0.15	0.14	0.16	16.37	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	8.31	ppb
Tin	118-1	0.35	0.26	0.30	0.30	14.00	ppb
Titanium	47-1	0.14	0.10	0.15	0.13	20.65	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	23.58	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	488.32	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	1.28	1.15	0.89	1.11	17.57	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:04:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.19	0.17	0.19	9.22	ppb
Zirconium	91-1	0.21	0.17	0.17	0.18	11.04	ppb

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	10	5	9	41.66	cps
Antimony	121-1	175	225	258	219	19.11	cps
Arsenic	75-1	58	125	67	83	43.59	cps
Barium	135-1	17	50	17	28	69.27	cps
Barium	137-1	67	58	42	56	22.91	cps
Beryllium	9-1	28	78	50	52	48.31	cps
Bismuth	209-1	9932912	10051674	9855417	9946667	0.99	cps
Bismuth	209-2	2508746	2537454	2513131	2519777	0.61	cps
Boron	10-1	158	158	92	136	28.28	cps
Boron	11-1	667	633	625	642	3.44	cps
Cadmium	111-1	1687	1724	1585	1665	4.32	cps
Cadmium	106-1	2417	2459	2259	2378	4.44	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	317	292	258	289	10.13	cps
Calcium	44-1	9979	10037	9971	9996	0.36	cps
Chromium	52-2	363	423	373	387	8.31	cps
Cobalt	59-2	20	73	53	49	55.11	cps
Copper	63-2	283	337	303	308	8.75	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	14119537	14510646	14241805	14290663	1.40	cps
Holmium	165-2	2943454	2960236	2937893	2947194	0.39	cps
Indium	115-1	10543823	10740698	10490988	10591836	1.24	cps
Indium	115-2	436759	442693	438514	439322	0.69	cps
Iron	56-2	1017	928	939	961	5.04	cps
Iron	57-2	28	22	22	24	13.33	cps
Krypton	83-1	397	390	397	394	0.98	cps
Lead	206-1	267	289	267	274	4.68	cps
Lead	207-1	244	211	167	207	18.82	cps
Lead	208-1	1083	1100	1028	1070	3.53	cps
Lithium	6-1	1804831	1805107	1777399	1795779	0.89	cps
Magnesium	24-2	267	358	425	350	22.71	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	27	29	6.65	cps
Molybdenum	94-1	458	425	400	428	6.84	cps
Molybdenum	95-1	50	150	17	72	96.08	cps
Molybdenum	96-1	125	125	175	142	20.38	cps
Molybdenum	97-1	125	117	83	108	20.35	cps
Molybdenum	98-1	167	133	175	158	13.93	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	283	220	262	13.94	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	1975	1942	1825	1914	4.12	cps
Rhodium	103-1	9881638	9992854	9846070	9906854	0.77	cps
Rhodium	103-2	2632651	2644303	2633885	2636946	0.24	cps
Scandium	45-1	5672695	5721809	5607317	5667274	1.01	cps
Scandium	45-2	43093	43745	42615	43151	1.31	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-40	1	2	-12	-197.83	cps
Silicon	28-1	203335	175455	173062	183951	9.15	cps
Silver	109-1	67	67	58	64	7.53	cps
Silver	107-1	33	117	133	94	56.73	cps
Sodium	23-2	5268	5476	5210	5318	2.64	cps
Strontium	86-1	725	708	617	683	8.54	cps
Strontium	88-1	158	92	142	131	26.57	cps
Sulfur	34-1	318221	321092	318075	319129	0.53	cps
Terbium	159-1	14616871	14733781	14628918	14659856	0.44	cps
Terbium	159-2	2828535	2862997	2841331	2844288	0.61	cps
Thallium	203-1	75	125	67	89	35.50	cps
Thallium	205-1	292	275	208	258	17.07	cps
Tin	118-1	842	942	842	875	6.60	cps
Titanium	47-1	75	67	125	89	35.50	cps
Uranium	238-1	42	67	8	39	75.26	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	10746296	10794257	10696835	10745796	0.45	cps
Yttrium	89-2	318176	321160	319403	319580	0.47	cps
Zinc	66-2	73	57	73	68	14.20	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:22:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	892	842	833	856	3.69	cps
Zirconium	91-1	242	167	242	217	19.98	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	150	203	166	19.21	cps
Antimony	121-1	22787	22879	23054	22907	0.59	cps
Arsenic	75-1	2875	2992	2784	2884	3.62	cps
Barium	135-1	24348	23814	24599	24254	1.65	cps
Barium	137-1	42645	42645	42176	42489	0.64	cps
Beryllium	9-1	1539	1517	1333	1463	7.71	cps
Bismuth	209-1	10158123	10174009	10078742	10136958	0.50	cps
Bismuth	209-2	2617633	2548185	2364878	2510232	5.20	cps
Boron	10-1	4026	3926	4159	4037	2.90	cps
Boron	11-1	18638	19355	19380	19125	2.21	cps
Cadmium	111-1	4142	4341	4027	4170	3.82	cps
Cadmium	106-1	2350	2392	2392	2378	1.01	cps
Cadmium	108-1	196	167	188	183	8.20	cps
Calcium	43-1	11730	11930	11238	11633	3.06	cps
Calcium	44-1	194520	196024	195180	195241	0.39	cps
Chromium	52-2	2494	2480	2464	2479	0.61	cps
Cobalt	59-2	2300	2220	2354	2291	2.93	cps
Copper	63-2	4144	4081	4021	4082	1.51	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	108	67	75	83	26.46	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	14603625	14523418	14428726	14518589	0.60	cps
Holmium	165-2	3059186	3001755	2796819	2952587	4.67	cps
Indium	115-1	10795507	10771820	10667468	10744932	0.63	cps
Indium	115-2	447745	442091	418220	436019	3.59	cps
Iron	56-2	33630	33441	33775	33615	0.50	cps
Iron	57-2	1039	778	850	889	15.17	cps
Krypton	83-1	350	440	413	401	11.53	cps
Lead	206-1	9215	9165	8548	8976	4.14	cps
Lead	207-1	8053	7747	7603	7801	2.95	cps
Lead	208-1	36666	36410	35287	36121	2.03	cps
Lithium	6-1	1826931	1842725	1809469	1826375	0.91	cps
Magnesium	24-2	16919	17144	16026	16697	3.54	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293	357	297	316	11.30	cps
Molybdenum	94-1	17996	19122	19415	18844	3.98	cps
Molybdenum	95-1	24331	24323	23972	24209	0.85	cps
Molybdenum	96-1	26936	25892	26043	26290	2.15	cps
Molybdenum	97-1	14776	14959	14809	14848	0.66	cps
Molybdenum	98-1	38748	39308	38272	38776	1.34	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	943	870	1037	950	8.79	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	10371	9762	10421	10185	3.60	cps
Rhodium	103-1	10153853	10071637	10079940	10101810	0.45	cps
Rhodium	103-2	2712370	2666687	2509395	2629484	4.05	cps
Scandium	45-1	5738373	5788864	5712562	5746600	0.68	cps
Scandium	45-2	43745	42762	39753	42086	4.94	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	17	15	13	15	12.52	cps
Selenium	82-1	806	667	762	745	9.48	cps
Silicon	28-1	243166	239760	243141	242022	0.81	cps
Silver	109-1	12707	11981	12256	12315	2.97	cps
Silver	107-1	12281	12673	12631	12529	1.72	cps
Sodium	23-2	40977	40308	40709	40665	0.83	cps
Strontium	86-1	3767	3476	3659	3634	4.06	cps
Strontium	88-1	25792	25349	26101	25747	1.47	cps
Sulfur	34-1	327468	323761	324993	325407	0.58	cps
Terbium	159-1	14864920	14824716	14808348	14832661	0.20	cps
Terbium	159-2	2925395	2910397	2706326	2847373	4.30	cps
Thallium	203-1	10688	10355	10521	10521	1.59	cps
Thallium	205-1	24908	25493	25551	25318	1.40	cps
Tin	118-1	39961	39894	39049	39635	1.28	cps
Titanium	47-1	5760	5902	5902	5854	1.40	cps
Uranium	238-1	36003	33554	34257	34605	3.64	cps
Vanadium	51-2	3400	3477	3464	3447	1.19	cps
Yttrium	89-1	10931623	10881419	10887590	10900211	0.25	cps
Yttrium	89-2	327049	321422	304132	317534	3.76	cps
Zinc	66-2	437	473	413	441	6.86	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:28:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16018	15368	15701	15696	2.07	cps
Zirconium	91-1	3734	3342	3659	3578	5.81	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:33:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7256	6961	6961	7059	2.41	cps
Antimony	121-1	562851	569956	573178	568662	0.93	cps
Arsenic	75-1	137674	137237	137228	137380	0.19	cps
Barium	135-1	607693	606604	607297	607198	0.09	cps
Barium	137-1	1081175	1071760	1065631	1072855	0.73	cps
Beryllium	9-1	68111	68881	68809	68600	0.62	cps
Bismuth	209-1	10187274	10316829	10069898	10191334	1.21	cps
Bismuth	209-2	2599318	2618729	2529322	2582456	1.82	cps
Boron	10-1	7752	7661	8194	7869	3.63	cps
Boron	11-1	37767	37709	38988	38154	1.89	cps
Cadmium	111-1	132053	132010	134736	132933	1.17	cps
Cadmium	106-1	15960	16194	16452	16202	1.52	cps
Cadmium	108-1	9745	9224	9174	9381	3.37	cps
Calcium	43-1	117733	118238	117665	117879	0.27	cps
Calcium	44-1	1954751	1951513	1924274	1943512	0.86	cps
Chromium	52-2	46424	46597	45912	46311	0.77	cps
Cobalt	59-2	103739	105660	104162	104520	0.97	cps
Copper	63-2	183125	183412	182606	183048	0.22	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	14758336	14971630	14463976	14731314	1.73	cps
Holmium	165-2	3032591	3023013	2985622	3013742	0.82	cps
Indium	115-1	10688736	10833805	10800808	10774450	0.71	cps
Indium	115-2	442856	443319	431491	439222	1.53	cps
Iron	56-2	1620877	1617906	1627060	1621947	0.29	cps
Iron	57-2	40448	41139	39607	40398	1.90	cps
Krypton	83-1	390	377	417	394	5.16	cps
Lead	206-1	425763	423608	426515	425295	0.35	cps
Lead	207-1	387958	384762	383982	385567	0.55	cps
Lead	208-1	1738156	1738154	1739632	1738647	0.05	cps
Lithium	6-1	1826768	1829019	1832587	1829458	0.16	cps
Magnesium	24-2	162545	160924	162064	161844	0.51	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:33:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27060	26803	26495	26786	1.05	cps
Molybdenum	94-1	964370	967934	965094	965799	0.20	cps
Molybdenum	95-1	1185541	1195163	1193832	1191512	0.44	cps
Molybdenum	96-1	1307018	1318425	1322746	1316063	0.62	cps
Molybdenum	97-1	733051	734804	741404	736420	0.60	cps
Molybdenum	98-1	1932343	1920644	1939334	1930773	0.49	cps
Neodymium	150-1	13	7	40	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	31376	32100	31255	31577	1.45	cps
Phosphorus	31-2	408	417	567	464	19.21	cps
Potassium	39-2	43360	42875	42707	42981	0.79	cps
Rhodium	103-1	10032525	10177178	9968909	10059537	1.06	cps
Rhodium	103-2	2685990	2687039	2631525	2668185	1.19	cps
Scandium	45-1	5735680	5732746	5559867	5676098	1.77	cps
Scandium	45-2	42086	42661	41441	42063	1.45	cps
Selenium	77-2	47	50	40	46	11.18	cps
Selenium	78-2	180	115	124	140	25.13	cps
Selenium	82-1	7463	7501	7450	7471	0.36	cps
Silicon	28-1	420427	419819	420601	420282	0.10	cps
Silver	109-1	590898	597177	598552	595542	0.69	cps
Silver	107-1	628611	625596	620509	624905	0.66	cps
Sodium	23-2	354059	359975	357353	357129	0.83	cps
Strontium	86-1	147792	145880	148778	147483	1.00	cps
Strontium	88-1	1284816	1274835	1271808	1277153	0.53	cps
Sulfur	34-1	362049	361443	357600	360364	0.67	cps
Terbium	159-1	14924538	15167023	14964376	15018646	0.87	cps
Terbium	159-2	2903556	2928903	2864975	2899145	1.11	cps
Thallium	203-1	528479	517340	520658	522159	1.10	cps
Thallium	205-1	1258029	1250748	1251670	1253482	0.32	cps
Tin	118-1	397447	396431	402635	398838	0.83	cps
Titanium	47-1	286925	281890	283829	284215	0.89	cps
Uranium	238-1	1759608	1735738	1770860	1755402	1.02	cps
Vanadium	51-2	33828	34212	33727	33922	0.75	cps
Yttrium	89-1	10809023	10959431	10800609	10856354	0.82	cps
Yttrium	89-2	322663	322318	315253	320078	1.31	cps
Zinc	66-2	16894	16887	16820	16867	0.24	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:33:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	797010	789685	798474	795056	0.59	cps
Zirconium	91-1	175654	177280	175079	176004	0.65	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 12:36:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16864	16882	16621	16789	0.87	cps
Antimony	121-1	1448685	1450385	1447520	1448863	0.10	cps
Arsenic	75-1	343126	342299	343057	342827	0.13	cps
Barium	135-1	1552379	1538564	1533615	1541519	0.63	cps
Barium	137-1	2765004	2739619	2689871	2731498	1.40	cps
Beryllium	9-1	171673	169160	168885	169906	0.90	cps
Bismuth	209-1	9715994	10106968	10355931	10059631	3.21	cps
Bismuth	209-2	2562174	2638408	2581228	2593937	1.53	cps
Boron	10-1	18588	18396	20131	19038	5.00	cps
Boron	11-1	92431	94561	95097	94030	1.50	cps
Cadmium	111-1	328717	327532	329182	328477	0.26	cps
Cadmium	106-1	36784	35916	36985	36562	1.55	cps
Cadmium	108-1	23563	23450	23425	23479	0.31	cps
Calcium	43-1	291551	291248	286707	289835	0.94	cps
Calcium	44-1	4770100	4697408	4715414	4727641	0.80	cps
Chromium	52-2	113717	113825	113841	113794	0.06	cps
Cobalt	59-2	256015	253962	254441	254806	0.42	cps
Copper	63-2	445468	444018	443438	444308	0.24	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	83	100	42	75	40.06	cps
Erbium	164-2	13	0	17	10	88.20	cps
Gadolinium	160-1	83	92	100	92	9.09	cps
Gadolinium	160-2	27	3	13	14	81.07	cps
Holmium	165-1	14005403	14469635	14847761	14440933	2.92	cps
Holmium	165-2	2987549	3069306	3060227	3039027	1.47	cps
Indium	115-1	10105780	10516526	10891471	10504592	3.74	cps
Indium	115-2	433188	439358	430942	434496	1.00	cps
Iron	56-2	3939751	3954859	3907910	3934173	0.61	cps
Iron	57-2	98787	99206	98065	98686	0.58	cps
Krypton	83-1	317	373	370	353	9.00	cps
Lead	206-1	1065942	1070253	1074832	1070342	0.42	cps
Lead	207-1	967363	976102	977648	973704	0.57	cps
Lead	208-1	4418016	4456093	4454032	4442714	0.48	cps
Lithium	6-1	1710339	1774197	1819374	1767970	3.10	cps
Magnesium	24-2	394474	391551	390582	392202	0.52	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:36:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65600	65556	66032	65729	0.40	cps
Molybdenum	94-1	2468073	2457615	2422433	2449373	0.98	cps
Molybdenum	95-1	3064950	3023903	2998191	3029015	1.11	cps
Molybdenum	96-1	3346374	3375866	3343825	3355355	0.53	cps
Molybdenum	97-1	1900623	1899232	1917717	1905857	0.54	cps
Molybdenum	98-1	4841132	4863081	4805435	4836549	0.60	cps
Neodymium	150-1	67	87	33	62	43.31	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	75399	75480	75238	75372	0.16	cps
Phosphorus	31-2	1042	1150	1167	1120	6.06	cps
Potassium	39-2	100583	101480	100759	100941	0.47	cps
Rhodium	103-1	9362032	9806205	9936259	9701498	3.10	cps
Rhodium	103-2	2613038	2685566	2625402	2641335	1.47	cps
Scandium	45-1	5318145	5527744	5642715	5496201	2.99	cps
Scandium	45-2	40662	41986	41080	41243	1.64	cps
Selenium	77-2	103	103	87	98	9.84	cps
Selenium	78-2	328	343	304	325	6.05	cps
Selenium	82-1	19107	18860	18660	18876	1.19	cps
Silicon	28-1	782094	781676	786009	783260	0.31	cps
Silver	109-1	1491049	1492850	1498134	1494011	0.25	cps
Silver	107-1	1571248	1571425	1567060	1569911	0.16	cps
Sodium	23-2	866135	863200	863429	864255	0.19	cps
Strontium	86-1	368148	371923	369979	370016	0.51	cps
Strontium	88-1	3198386	3210611	3194402	3201133	0.26	cps
Sulfur	34-1	400241	396084	399108	398477	0.54	cps
Terbium	159-1	14178865	14866868	15322276	14789336	3.89	cps
Terbium	159-2	2885082	2972963	2927999	2928681	1.50	cps
Thallium	203-1	1325333	1311679	1321092	1319368	0.53	cps
Thallium	205-1	3208995	3198360	3209900	3205751	0.20	cps
Tin	118-1	1005392	1004691	1001053	1003712	0.23	cps
Titanium	47-1	706322	703915	698960	703066	0.53	cps
Uranium	238-1	4512976	4483372	4492954	4496434	0.34	cps
Vanadium	51-2	83202	81476	82665	82448	1.07	cps
Yttrium	89-1	10133555	10642021	10901660	10559079	3.70	cps
Yttrium	89-2	312832	317848	312427	314369	0.96	cps
Zinc	66-2	41582	42636	41318	41845	1.67	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:36:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2077183	2055582	2046179	2059648	0.77	cps
Zirconium	91-1	448790	446122	445745	446886	0.37	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32192	32114	31225	31844	1.69	cps
Antimony	121-1	2926514	2917118	2892741	2912125	0.60	cps
Arsenic	75-1	668209	659947	662051	663402	0.65	cps
Barium	135-1	3072600	3051200	3074872	3066224	0.43	cps
Barium	137-1	5407733	5359847	5381614	5383065	0.45	cps
Beryllium	9-1	332515	329732	330246	330831	0.45	cps
Bismuth	209-1	10406255	10458009	10595727	10486664	0.93	cps
Bismuth	209-2	2476464	2580606	2516311	2524461	2.08	cps
Boron	10-1	36957	37391	38728	37692	2.45	cps
Boron	11-1	182034	184209	186684	184309	1.26	cps
Cadmium	111-1	645351	644593	646527	645490	0.15	cps
Cadmium	106-1	70317	68776	69346	69480	1.12	cps
Cadmium	108-1	45586	46259	45021	45622	1.36	cps
Calcium	43-1	564106	561820	563123	563016	0.20	cps
Calcium	44-1	9162687	9073121	9089292	9108367	0.52	cps
Chromium	52-2	213759	209414	207820	210331	1.46	cps
Cobalt	59-2	482257	474592	472113	476320	1.11	cps
Copper	63-2	845150	832880	829934	835988	0.97	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	83	92	108	94	13.48	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	14944793	14939362	14979944	14954700	0.15	cps
Holmium	165-2	2966778	3017090	2940016	2974628	1.32	cps
Indium	115-1	10668209	10620868	10656128	10648402	0.23	cps
Indium	115-2	413578	423887	415145	417537	1.33	cps
Iron	56-2	7322863	7182562	7148168	7217864	1.28	cps
Iron	57-2	189509	183908	184936	186118	1.60	cps
Krypton	83-1	400	377	373	383	3.79	cps
Lead	206-1	2192762	2211029	2181529	2195107	0.68	cps
Lead	207-1	1996568	1986608	1997389	1993522	0.30	cps
Lead	208-1	8999618	9007995	8998806	9002139	0.06	cps
Lithium	6-1	1811662	1782233	1818563	1804153	1.07	cps
Magnesium	24-2	749995	732626	728685	737102	1.54	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124882	121374	120615	122290	1.86	cps
Molybdenum	94-1	4791720	4785605	4735836	4771054	0.64	cps
Molybdenum	95-1	5878585	5838595	5846899	5854693	0.36	cps
Molybdenum	96-1	6503618	6526571	6423933	6484707	0.83	cps
Molybdenum	97-1	3691651	3694247	3657155	3681017	0.56	cps
Molybdenum	98-1	9476368	9347763	9360738	9394956	0.75	cps
Neodymium	150-1	167	153	107	142	22.15	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	143194	140405	141479	141693	0.99	cps
Phosphorus	31-2	2000	1975	2250	2075	7.33	cps
Potassium	39-2	189855	186419	180054	185443	2.68	cps
Rhodium	103-1	9843724	9668437	9758046	9756736	0.90	cps
Rhodium	103-2	2525032	2572293	2541177	2546167	0.94	cps
Scandium	45-1	5531808	5474084	5495128	5500340	0.53	cps
Scandium	45-2	37975	40141	38560	38892	2.88	cps
Selenium	77-2	193	197	193	194	0.99	cps
Selenium	78-2	637	657	565	620	7.85	cps
Selenium	82-1	36993	37181	36476	36883	0.99	cps
Silicon	28-1	1355023	1339818	1342697	1345846	0.60	cps
Silver	109-1	2982731	3007002	2952515	2980749	0.92	cps
Silver	107-1	3153670	3091745	3103432	3116282	1.06	cps
Sodium	23-2	1650692	1637189	1625967	1637949	0.76	cps
Strontium	86-1	724780	720965	719058	721601	0.40	cps
Strontium	88-1	6276660	6184139	6221934	6227578	0.75	cps
Sulfur	34-1	464731	466544	457968	463081	0.98	cps
Terbium	159-1	15313871	15298709	15388006	15333529	0.31	cps
Terbium	159-2	2852024	2941222	2875137	2889461	1.60	cps
Thallium	203-1	2743267	2729933	2712415	2728538	0.57	cps
Thallium	205-1	6368816	6430629	6415720	6405055	0.50	cps
Tin	118-1	2035855	2019207	2018076	2024380	0.49	cps
Titanium	47-1	1396992	1391784	1378282	1389019	0.70	cps
Uranium	238-1	8975526	9155028	9026730	9052428	1.02	cps
Vanadium	51-2	155983	155370	152104	154486	1.35	cps
Yttrium	89-1	10740274	10667469	10808360	10738701	0.66	cps
Yttrium	89-2	299470	305796	299127	301464	1.25	cps
Zinc	66-2	79238	78725	76982	78315	1.51	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:40:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4039700	3983441	3989969	4004370	0.77	cps
Zirconium	91-1	882802	873039	872882	876241	0.65	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 12:43:50 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59162	58373	57437	58324	1.48	cps
Antimony	121-1	5683890	5744805	5718439	5715711	0.53	cps
Arsenic	75-1	1276981	1266074	1258477	1267177	0.73	cps
Barium	135-1	5951113	5970240	5957897	5959750	0.16	cps
Barium	137-1	10501625	10622517	10530149	10551430	0.60	cps
Beryllium	9-1	638904	635612	631001	635172	0.62	cps
Bismuth	209-1	10575823	9792085	10478848	10282252	4.16	cps
Bismuth	209-2	2490966	2474167	2472966	2479366	0.41	cps
Boron	10-1	71579	71797	72902	72093	0.98	cps
Boron	11-1	353972	358525	360387	357628	0.92	cps
Cadmium	111-1	1267326	1263873	1246772	1259323	0.87	cps
Cadmium	106-1	132790	134532	133625	133649	0.65	cps
Cadmium	108-1	90757	90649	90501	90636	0.14	cps
Calcium	43-1	1072487	1072772	1069154	1071471	0.19	cps
Calcium	44-1	17388291	17273297	17128214	17263267	0.75	cps
Chromium	52-2	388657	385491	385253	386467	0.49	cps
Cobalt	59-2	878148	871524	866006	871892	0.70	cps
Copper	63-2	1565306	1535441	1525742	1542163	1.34	cps
Dysprosium	156-1	133	58	100	97	38.65	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	83	133	108	108	23.08	cps
Gadolinium	160-2	13	20	0	11	91.66	cps
Holmium	165-1	15189103	14094034	15040801	14774646	4.02	cps
Holmium	165-2	2927914	2887810	2915491	2910405	0.71	cps
Indium	115-1	10500204	9555080	10227967	10094417	4.82	cps
Indium	115-2	392227	385089	386913	388077	0.96	cps
Iron	56-2	13522299	13321996	13278154	13374149	0.97	cps
Iron	57-2	342255	341459	337739	340484	0.71	cps
Krypton	83-1	367	367	347	360	3.21	cps
Lead	206-1	4406430	4466105	4411078	4427871	0.75	cps
Lead	207-1	3981955	4088483	4039081	4036506	1.32	cps
Lead	208-1	18012477	18286829	18175714	18158340	0.76	cps
Lithium	6-1	1776260	1640904	1735046	1717403	4.04	cps
Magnesium	24-2	1422683	1398480	1380468	1400544	1.51	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227996	223070	221344	224137	1.54	cps
Molybdenum	94-1	9279648	9208042	9112671	9200120	0.91	cps
Molybdenum	95-1	11350240	11453997	11311010	11371749	0.65	cps
Molybdenum	96-1	12639930	12687003	12555929	12627621	0.53	cps
Molybdenum	97-1	7189187	7159983	7054278	7134483	0.99	cps
Molybdenum	98-1	18434992	18585138	18356955	18459028	0.63	cps
Neodymium	150-1	240	373	247	287	26.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	260200	257273	255752	257741	0.88	cps
Phosphorus	31-2	3484	3409	3601	3498	2.76	cps
Potassium	39-2	334214	327938	327532	329895	1.14	cps
Rhodium	103-1	9482667	8649541	9260172	9130793	4.72	cps
Rhodium	103-2	2427416	2418252	2397721	2414463	0.63	cps
Scandium	45-1	5282418	4840686	5084139	5069081	4.36	cps
Scandium	45-2	35271	35462	35789	35507	0.74	cps
Selenium	77-2	327	320	357	334	5.84	cps
Selenium	78-2	1111	1089	1039	1080	3.43	cps
Selenium	82-1	71636	71243	70923	71267	0.50	cps
Silicon	28-1	2318314	2326951	2309082	2318116	0.39	cps
Silver	109-1	5721250	5786194	5691893	5733112	0.84	cps
Silver	107-1	5993553	5994582	5953644	5980593	0.39	cps
Sodium	23-2	3050502	3003621	2990763	3014962	1.04	cps
Strontium	86-1	1401762	1404303	1384812	1396959	0.76	cps
Strontium	88-1	12117048	12092769	11963075	12057631	0.69	cps
Sulfur	34-1	588121	580315	571247	579894	1.46	cps
Terbium	159-1	15524632	14245122	15292973	15020909	4.54	cps
Terbium	159-2	2813148	2810741	2805927	2809939	0.13	cps
Thallium	203-1	5493012	5512468	5447381	5484287	0.61	cps
Thallium	205-1	12817001	12961415	12803742	12860719	0.68	cps
Tin	118-1	3975598	3955285	3906734	3945873	0.90	cps
Titanium	47-1	2649162	2624647	2564029	2612613	1.68	cps
Uranium	238-1	18831674	19076630	19054030	18987445	0.71	cps
Vanadium	51-2	285126	281912	280052	282363	0.91	cps
Yttrium	89-1	10545162	9605774	10232900	10127945	4.72	cps
Yttrium	89-2	282018	275721	275244	277661	1.36	cps
Zinc	66-2	144988	143731	142010	143577	1.04	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:43:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7666573	7685728	7596413	7649571	0.61	cps
Zirconium	91-1	1730166	1730265	1719645	1726692	0.35	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110055	110494	109785	110111	0.32	cps
Antimony	121-1	11055285	10875900	10822178	10917787	1.12	cps
Arsenic	75-1	2456523	2448757	2425153	2443477	0.67	cps
Barium	135-1	11662939	11615902	11496000	11591614	0.74	cps
Barium	137-1	20578082	20677589	20392782	20549484	0.70	cps
Beryllium	9-1	1199714	1200297	1177628	1192546	1.08	cps
Bismuth	209-1	10519266	10547574	10667500	10578113	0.74	cps
Bismuth	209-2	2388875	2405104	2427452	2407144	0.80	cps
Boron	10-1	136545	140154	138682	138460	1.31	cps
Boron	11-1	676925	680671	685636	681077	0.64	cps
Cadmium	111-1	2435390	2421412	2432765	2429855	0.31	cps
Cadmium	106-1	254282	252730	250935	252649	0.66	cps
Cadmium	108-1	171264	171192	170209	170888	0.34	cps
Calcium	43-1	2023552	2014347	2017995	2018631	0.23	cps
Calcium	44-1	32596346	32286459	32285929	32389578	0.55	cps
Chromium	52-2	728935	725198	723675	725936	0.37	cps
Cobalt	59-2	1656083	1672888	1650384	1659785	0.70	cps
Copper	63-2	2893774	2881753	2930579	2902035	0.88	cps
Dysprosium	156-1	167	217	158	181	17.47	cps
Dysprosium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	83	67	108	86	24.35	cps
Erbium	164-2	7	20	0	9	114.55	cps
Gadolinium	160-1	67	133	125	108	33.53	cps
Gadolinium	160-2	33	27	23	28	18.33	cps
Holmium	165-1	14909532	15066224	15121552	15032436	0.73	cps
Holmium	165-2	2851438	2886039	2915436	2884304	1.11	cps
Indium	115-1	9819566	9855712	9970495	9881924	0.80	cps
Indium	115-2	363296	364461	367698	365152	0.62	cps
Iron	56-2	25291321	25181089	25186660	25219690	0.25	cps
Iron	57-2	649230	642462	644289	645327	0.54	cps
Krypton	83-1	343	323	340	336	3.19	cps
Lead	206-1	8735829	8642686	8676977	8685164	0.54	cps
Lead	207-1	7910595	7907185	7913342	7910374	0.04	cps
Lead	208-1	35884730	35855611	35854036	35864793	0.05	cps
Lithium	6-1	1695531	1714290	1708919	1706247	0.57	cps
Magnesium	24-2	2603186	2598781	2610770	2604246	0.23	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	422924	420223	421340	421496	0.32	cps
Molybdenum	94-1	17824622	17647137	17627580	17699780	0.61	cps
Molybdenum	95-1	21811221	21814055	21602790	21742688	0.56	cps
Molybdenum	96-1	24276524	24217925	24084816	24193088	0.41	cps
Molybdenum	97-1	13909626	13750873	13696056	13785518	0.80	cps
Molybdenum	98-1	35745083	35399822	35335772	35493559	0.62	cps
Neodymium	150-1	487	500	527	504	4.04	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	478375	483014	480189	480526	0.49	cps
Phosphorus	31-2	6694	6785	6710	6730	0.73	cps
Potassium	39-2	615182	618999	610000	614727	0.73	cps
Rhodium	103-1	8933667	8977783	8971693	8961048	0.27	cps
Rhodium	103-2	2275749	2272931	2279966	2276215	0.16	cps
Scandium	45-1	4881228	4924487	4922230	4909315	0.50	cps
Scandium	45-2	32875	33353	33791	33340	1.37	cps
Selenium	77-2	680	577	613	623	8.40	cps
Selenium	78-2	2126	1989	2102	2072	3.53	cps
Selenium	82-1	134618	134825	133876	134439	0.37	cps
Silicon	28-1	3816512	3830138	3764400	3803683	0.91	cps
Silver	109-1	10816331	10728404	10697715	10747483	0.57	cps
Silver	107-1	11344133	11255134	11207817	11269028	0.61	cps
Sodium	23-2	5610216	5603204	5573842	5595754	0.34	cps
Strontium	86-1	2669849	2680421	2674275	2674848	0.20	cps
Strontium	88-1	22944037	23076235	22953639	22991304	0.32	cps
Sulfur	34-1	820581	813913	806476	813656	0.87	cps
Terbium	159-1	15171026	15286516	15426166	15294569	0.84	cps
Terbium	159-2	2773739	2730104	2779643	2761162	0.98	cps
Thallium	203-1	10824184	10748033	10703055	10758424	0.57	cps
Thallium	205-1	25908598	25724567	25657540	25763568	0.50	cps
Tin	118-1	7531684	7504154	7483498	7506445	0.32	cps
Titanium	47-1	4810919	4872895	4765733	4816516	1.12	cps
Uranium	238-1	38507329	38191035	38426498	38374954	0.43	cps
Vanadium	51-2	534072	535920	534308	534767	0.19	cps
Yttrium	89-1	9958957	10035701	10070753	10021804	0.57	cps
Yttrium	89-2	262522	263718	266033	264091	0.68	cps
Zinc	66-2	269055	268167	266570	267931	0.47	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:47:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14876893	14742994	14573868	14731251	1.03	cps
Zirconium	91-1	3283747	3294013	3230269	3269343	1.05	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	638355	632254	647257	639289	1.18	cps
Antimony	121-1	31722	29935	30219	30625	3.14	cps
Arsenic	75-1	4693	4326	3859	4293	9.73	cps
Barium	135-1	3192	3026	3392	3203	5.73	cps
Barium	137-1	6185	6160	5618	5988	5.35	cps
Beryllium	9-1	917	633	772	774	18.30	cps
Bismuth	209-1	9694520	9748123	9623335	9688660	0.65	cps
Bismuth	209-2	2239032	2375481	2293220	2302577	2.98	cps
Boron	10-1	7085	6610	5901	6532	9.12	cps
Boron	11-1	33239	30600	28070	30637	8.44	cps
Cadmium	111-1	2152	2200	1922	2092	7.12	cps
Cadmium	106-1	2375	2500	2134	2336	7.98	cps
Cadmium	108-1	63	83	67	71	15.57	cps
Calcium	43-1	10503038	10695997	10658026	10619020	0.96	cps
Calcium	44-1	171452496	174562621	174816458	173610525	1.08	cps
Chromium	52-2	44407	43718	45370	44498	1.86	cps
Cobalt	59-2	22959	23320	23590	23290	1.36	cps
Copper	63-2	7729	7712	7829	7757	0.81	cps
Dysprosium	156-1	142	108	92	114	22.35	cps
Dysprosium	156-2	27	13	23	21	32.88	cps
Erbium	164-1	50	58	108	72	43.68	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	167	150	125	147	14.24	cps
Gadolinium	160-2	33	30	17	27	33.06	cps
Holmium	165-1	14939155	14958962	14733664	14877260	0.84	cps
Holmium	165-2	2877491	2996617	2934447	2936185	2.03	cps
Indium	115-1	9871820	10025025	9883728	9926858	0.86	cps
Indium	115-2	385992	406440	397902	396778	2.59	cps
Iron	56-2	138620692	139365878	140856475	139614348	0.82	cps
Iron	57-2	3535968	3556576	3621487	3571344	1.25	cps
Krypton	83-1	390	370	403	388	4.33	cps
Lead	206-1	9248	9281	8948	9159	2.01	cps
Lead	207-1	8053	7936	7858	7949	1.23	cps
Lead	208-1	36688	37384	35292	36455	2.92	cps
Lithium	6-1	1695875	1725615	1709710	1710400	0.87	cps
Magnesium	24-2	14275072	14072564	14457366	14268334	1.35	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3657	3741	3714	3704	1.15	cps
Molybdenum	94-1	26694	26861	25992	26516	1.74	cps
Molybdenum	95-1	43663	41113	42601	42459	3.02	cps
Molybdenum	96-1	48747	47317	47132	47732	1.85	cps
Molybdenum	97-1	26285	25926	26043	26084	0.70	cps
Molybdenum	98-1	70124	68456	67343	68641	2.04	cps
Neodymium	150-1	100	127	127	118	13.07	cps
Neodymium	150-2	17	0	13	10	88.20	cps
Nickel	60-2	23016	23256	23991	23421	2.17	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	3583929	3564248	3659254	3602477	1.39	cps
Rhodium	103-1	8701732	8779657	8727539	8736309	0.45	cps
Rhodium	103-2	2298283	2411112	2347822	2352406	2.40	cps
Scandium	45-1	5086204	5139999	5193860	5140021	1.05	cps
Scandium	45-2	36942	39298	38172	38137	3.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	95	95	65	85	20.87	cps
Silicon	28-1	484310	503820	519194	502441	3.48	cps
Silver	109-1	1567	1559	1475	1533	3.31	cps
Silver	107-1	1634	1600	1417	1550	7.53	cps
Sodium	23-2	31466647	31362991	31794809	31541482	0.71	cps
Strontium	86-1	13390	13215	13774	13460	2.12	cps
Strontium	88-1	113898	112989	113855	113581	0.45	cps
Sulfur	34-1	278849	276992	281143	278994	0.75	cps
Terbium	159-1	15155207	15205204	14953400	15104604	0.88	cps
Terbium	159-2	2751039	2896105	2819945	2822363	2.57	cps
Thallium	203-1	5818	5535	5385	5579	3.95	cps
Thallium	205-1	15035	13816	12298	13716	10.00	cps
Tin	118-1	19590	18898	19315	19267	1.81	cps
Titanium	47-1	1834	1533	1742	1703	9.03	cps
Uranium	238-1	8362	7903	7227	7831	7.29	cps
Vanadium	51-2	403	387	343	378	8.20	cps
Yttrium	89-1	10105240	10278307	10132053	10171867	0.92	cps
Yttrium	89-2	286646	300147	293132	293308	2.30	cps
Zinc	66-2	2540	2347	2427	2438	3.99	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 12:50:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7186	7502	7177	7288	2.54	cps
Zirconium	91-1	1492	1508	1425	1475	2.99	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:15:18 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3441	3304	3466	3404	2.57	cps
Antimony	121-1	2312016	2318632	2327562	2319403	0.34	cps
Arsenic	75-1	548555	546780	548253	547862	0.17	cps
Barium	135-1	241043	242125	241618	241595	0.22	cps
Barium	137-1	432010	428547	427702	429420	0.53	cps
Beryllium	9-1	136457	135010	134040	135169	0.90	cps
Bismuth	209-1	10607595	10490554	10469854	10522668	0.71	cps
Bismuth	209-2	2707529	2633675	2546716	2629307	3.06	cps
Boron	10-1	850	858	733	814	8.59	cps
Boron	11-1	3684	3717	4176	3859	7.12	cps
Cadmium	111-1	257210	257566	260258	258345	0.64	cps
Cadmium	106-1	25099	24957	25425	25161	0.95	cps
Cadmium	108-1	16840	16268	17195	16768	2.79	cps
Calcium	43-1	45642	47398	46980	46673	1.97	cps
Calcium	44-1	769448	768223	768001	768557	0.10	cps
Chromium	52-2	90433	89752	89343	89842	0.61	cps
Cobalt	59-2	210548	207931	209862	209447	0.65	cps
Copper	63-2	183706	184594	183855	184051	0.26	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	117	92	92	100	14.43	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	92	75	33	67	45.07	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	15130661	15230196	14961259	15107372	0.90	cps
Holmium	165-2	3145992	3057481	2931236	3044903	3.54	cps
Indium	115-1	11116189	11061633	10919070	11032298	0.92	cps
Indium	115-2	457339	445031	427667	443346	3.36	cps
Iron	56-2	642115	639272	639121	640169	0.26	cps
Iron	57-2	16360	16165	16054	16193	0.96	cps
Krypton	83-1	427	353	370	383	10.03	cps
Lead	206-1	1749349	1768682	1762565	1760199	0.56	cps
Lead	207-1	1509803	1522023	1522998	1518275	0.48	cps
Lead	208-1	7022912	7120766	7146854	7096844	0.92	cps
Lithium	6-1	1866614	1893298	1839449	1866454	1.44	cps
Magnesium	24-2	40225	39548	39422	39732	1.09	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:15:18	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26636	26148	26612	26465	1.04	cps
Molybdenum	94-1	1317	1158	1325	1267	7.41	cps
Molybdenum	95-1	825	858	842	842	1.98	cps
Molybdenum	96-1	1025	1342	983	1117	17.55	cps
Molybdenum	97-1	492	400	517	469	13.08	cps
Molybdenum	98-1	1225	1283	1475	1328	9.85	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	62864	61478	62915	62419	1.31	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	35655	34401	35404	35153	1.89	cps
Rhodium	103-1	10316320	10373856	10185273	10291816	0.94	cps
Rhodium	103-2	2827868	2766294	2609892	2734685	4.11	cps
Scandium	45-1	5916301	5803696	5748657	5822885	1.47	cps
Scandium	45-2	44200	43283	41455	42979	3.25	cps
Selenium	77-2	160	180	217	186	15.49	cps
Selenium	78-2	570	574	509	551	6.60	cps
Selenium	82-1	30583	30510	30520	30538	0.13	cps
Silicon	28-1	172528	172242	174790	173186	0.81	cps
Silver	109-1	1026062	1026003	1020966	1024344	0.29	cps
Silver	107-1	1070761	1077179	1073896	1073945	0.30	cps
Sodium	23-2	148601	146488	148483	147858	0.80	cps
Strontium	86-1	6777	7569	7411	7252	5.78	cps
Strontium	88-1	58618	58468	59765	58950	1.20	cps
Sulfur	34-1	314071	319590	314770	316144	0.95	cps
Terbium	159-1	15686471	15470331	15249982	15468928	1.41	cps
Terbium	159-2	3011501	2975544	2872371	2953139	2.45	cps
Thallium	203-1	2195020	2208127	2206665	2203271	0.33	cps
Thallium	205-1	5195430	5195808	5202294	5197844	0.07	cps
Tin	118-1	1067	1400	1317	1261	13.76	cps
Titanium	47-1	192	258	167	206	23.05	cps
Uranium	238-1	208	325	308	281	22.49	cps
Vanadium	51-2	67103	67448	67354	67302	0.26	cps
Yttrium	89-1	11100643	11295414	11007255	11134438	1.32	cps
Yttrium	89-2	331123	322745	312207	322025	2.94	cps
Zinc	66-2	34289	33627	34409	34109	1.23	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:15:18	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2142	2109	2125	2125	0.79	cps
Zirconium	91-1	667	608	725	667	8.75	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	165	153	163	5.55	cps
Antimony	121-1	24724	24882	24682	24763	0.43	cps
Arsenic	75-1	2667	2700	3159	2842	9.67	cps
Barium	135-1	23472	24457	24315	24081	2.21	cps
Barium	137-1	43264	43297	44518	43693	1.64	cps
Beryllium	9-1	1478	1600	1600	1559	4.53	cps
Bismuth	209-1	10266678	9691080	10421782	10126514	3.80	cps
Bismuth	209-2	2626249	2595016	2618274	2613180	0.62	cps
Boron	10-1	4384	4284	4443	4370	1.83	cps
Boron	11-1	20407	20590	21559	20852	2.97	cps
Cadmium	111-1	4228	4213	3998	4146	3.09	cps
Cadmium	106-1	2750	2434	2584	2589	6.12	cps
Cadmium	108-1	188	225	188	200	10.82	cps
Calcium	43-1	12231	12097	11497	11942	3.27	cps
Calcium	44-1	199083	200317	200511	199970	0.39	cps
Chromium	52-2	2614	2287	2370	2424	7.01	cps
Cobalt	59-2	2097	2410	2380	2296	7.53	cps
Copper	63-2	4207	4217	4017	4147	2.72	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	75	33	67	45.07	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	100	0	117	72	87.37	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	14956938	13802307	14914005	14557750	4.50	cps
Holmium	165-2	3062530	3035879	3077079	3058496	0.68	cps
Indium	115-1	10979000	10415584	10948508	10781030	2.94	cps
Indium	115-2	445556	441832	445440	444276	0.48	cps
Iron	56-2	35613	34404	34772	34929	1.77	cps
Iron	57-2	933	850	917	900	4.90	cps
Krypton	83-1	330	387	440	386	14.27	cps
Lead	206-1	8887	9315	9370	9191	2.88	cps
Lead	207-1	8281	8525	8653	8486	2.23	cps
Lead	208-1	36933	38240	37995	37723	1.84	cps
Lithium	6-1	1830089	1717974	1825354	1791139	3.54	cps
Magnesium	24-2	17261	17353	16285	16966	3.49	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	333	300	331	9.08	cps
Molybdenum	94-1	20166	19064	19623	19618	2.81	cps
Molybdenum	95-1	25133	24940	24456	24843	1.40	cps
Molybdenum	96-1	26118	25926	28088	26711	4.48	cps
Molybdenum	97-1	14742	15243	15234	15073	1.90	cps
Molybdenum	98-1	38414	39860	38288	38854	2.25	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	867	913	913	898	3.00	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	11555	10930	10730	11072	3.89	cps
Rhodium	103-1	10321189	9635260	10290245	10082231	3.84	cps
Rhodium	103-2	2761336	2721756	2712762	2731951	0.95	cps
Scandium	45-1	5854857	5445130	5877231	5725739	4.25	cps
Scandium	45-2	43798	43424	44103	43775	0.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	22	17	9	16	40.51	cps
Selenium	82-1	895	834	669	799	14.65	cps
Silicon	28-1	237159	235143	232907	235070	0.90	cps
Silver	109-1	12089	12331	12256	12226	1.01	cps
Silver	107-1	12415	13132	12773	12773	2.81	cps
Sodium	23-2	44027	42532	43785	43448	1.85	cps
Strontium	86-1	3676	4026	3859	3854	4.54	cps
Strontium	88-1	26276	26719	25959	26318	1.45	cps
Sulfur	34-1	326937	323646	319966	323516	1.08	cps
Terbium	159-1	15408916	14231585	15227846	14956115	4.24	cps
Terbium	159-2	2957812	2920276	2928108	2935398	0.67	cps
Thallium	203-1	10363	11439	10980	10927	4.94	cps
Thallium	205-1	25619	26086	27815	26506	4.36	cps
Tin	118-1	40454	40404	41147	40669	1.02	cps
Titanium	47-1	6285	5626	5835	5915	5.69	cps
Uranium	238-1	35309	35811	35794	35638	0.80	cps
Vanadium	51-2	3337	3491	3370	3399	2.37	cps
Yttrium	89-1	11042620	10373333	11113592	10843181	3.77	cps
Yttrium	89-2	327345	324801	325244	325797	0.42	cps
Zinc	66-2	483	530	550	521	6.57	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:25:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16544	16995	15585	16374	4.40	cps
Zirconium	91-1	3976	3409	3509	3631	8.33	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:28:53 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	8	13	11	26.65	cps
Antimony	121-1	1092	925	975	997	8.58	cps
Arsenic	75-1	67	75	92	78	16.37	cps
Barium	135-1	58	42	83	61	34.32	cps
Barium	137-1	83	50	83	72	26.65	cps
Beryllium	9-1	106	156	111	124	22.09	cps
Bismuth	209-1	10325233	10445922	10581538	10450898	1.23	cps
Bismuth	209-2	2664079	2678699	2608318	2650365	1.40	cps
Boron	10-1	642	583	633	619	5.09	cps
Boron	11-1	3409	3426	3159	3331	4.49	cps
Cadmium	111-1	1671	1572	1706	1650	4.21	cps
Cadmium	106-1	2392	2259	2442	2364	4.01	cps
Cadmium	108-1	4	25	29	19	68.87	cps
Calcium	43-1	308	258	358	308	16.22	cps
Calcium	44-1	9729	9754	9721	9734	0.18	cps
Chromium	52-2	373	443	437	418	9.25	cps
Cobalt	59-2	87	60	70	72	18.66	cps
Copper	63-2	303	277	337	306	9.84	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	75	83	69	24.98	cps
Erbium	164-2	7	30	7	14	93.24	cps
Gadolinium	160-1	117	42	92	83	45.82	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	14834015	14869352	15141359	14948242	1.13	cps
Holmium	165-2	3135894	3103519	3050760	3096725	1.39	cps
Indium	115-1	10863841	11049252	11113871	11008988	1.18	cps
Indium	115-2	461938	454621	446703	454421	1.68	cps
Iron	56-2	1189	1300	1089	1193	8.86	cps
Iron	57-2	28	22	22	24	13.33	cps
Krypton	83-1	353	327	397	359	9.84	cps
Lead	206-1	544	511	600	552	8.14	cps
Lead	207-1	433	478	433	448	5.73	cps
Lead	208-1	2017	2150	2178	2115	4.07	cps
Lithium	6-1	1813796	1848750	1863163	1841903	1.38	cps
Magnesium	24-2	417	325	350	364	13.02	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:28:53 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	37	40	34	20.14	cps
Molybdenum	94-1	608	617	608	611	0.79	cps
Molybdenum	95-1	283	308	292	294	4.32	cps
Molybdenum	96-1	317	375	325	339	9.31	cps
Molybdenum	97-1	183	183	142	169	14.20	cps
Molybdenum	98-1	233	425	433	364	31.09	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	290	220	203	238	19.34	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2484	2175	2184	2281	7.70	cps
Rhodium	103-1	10371085	10305691	10402464	10359747	0.48	cps
Rhodium	103-2	2795927	2803109	2732213	2777083	1.41	cps
Scandium	45-1	5828211	5874589	5907046	5869948	0.67	cps
Scandium	45-2	45213	44527	43718	44486	1.68	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	16	75	-26	21	237.24	cps
Silicon	28-1	166475	168036	168480	167664	0.63	cps
Silver	109-1	100	83	67	83	20.00	cps
Silver	107-1	142	142	125	136	7.07	cps
Sodium	23-2	6510	7027	6402	6646	5.03	cps
Strontium	86-1	592	667	608	622	6.33	cps
Strontium	88-1	175	175	200	183	7.87	cps
Sulfur	34-1	326481	321999	323622	324034	0.70	cps
Terbium	159-1	15186425	15237692	15325193	15249770	0.46	cps
Terbium	159-2	3011261	2999377	2941745	2984128	1.25	cps
Thallium	203-1	333	383	283	333	15.00	cps
Thallium	205-1	775	858	800	811	5.27	cps
Tin	118-1	1167	1333	1100	1200	10.02	cps
Titanium	47-1	217	75	150	147	48.14	cps
Uranium	238-1	58	33	58	50	28.88	cps
Vanadium	51-2	13	10	0	8	89.21	cps
Yttrium	89-1	11132468	11146070	11253128	11177222	0.59	cps
Yttrium	89-2	333909	329699	325007	329538	1.35	cps
Zinc	66-2	77	37	53	56	36.17	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:28:53	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1367	1167	1283	1272	7.90	cps
Zirconium	91-1	250	233	292	258	11.63	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:32:15 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554769	556124	551025	553972	0.48	cps
Antimony	121-1	13065	13282	13232	13193	0.86	cps
Arsenic	75-1	3342	3284	3926	3517	10.09	cps
Barium	135-1	3734	3634	3651	3673	1.46	cps
Barium	137-1	6110	6319	6268	6232	1.75	cps
Beryllium	9-1	433	417	378	409	6.97	cps
Bismuth	209-1	10579611	10366355	10518262	10488076	1.05	cps
Bismuth	209-2	2499349	2367203	2477153	2447901	2.89	cps
Boron	10-1	900	758	567	742	22.56	cps
Boron	11-1	3942	3409	3701	3684	7.25	cps
Cadmium	111-1	2663	2296	2313	2424	8.54	cps
Cadmium	106-1	2517	2017	2067	2200	12.52	cps
Cadmium	108-1	1350	1475	1388	1404	4.57	cps
Calcium	43-1	2102882	2079219	2094812	2092304	0.57	cps
Calcium	44-1	33691409	33746231	33548400	33662013	0.30	cps
Chromium	52-2	18793	18896	18830	18840	0.28	cps
Cobalt	59-2	2197	2214	2320	2244	2.98	cps
Copper	63-2	12482	12109	12653	12415	2.24	cps
Dysprosium	156-1	50	58	58	56	8.67	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	92	92	100	94	5.09	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	83	75	92	83	10.00	cps
Gadolinium	160-2	20	13	27	20	33.35	cps
Holmium	165-1	15683360	15376343	15607103	15555602	1.03	cps
Holmium	165-2	2994680	2916853	3027741	2979758	1.91	cps
Indium	115-1	10693213	10568725	10566464	10609467	0.68	cps
Indium	115-2	401121	388659	402820	397533	1.95	cps
Iron	56-2	54801392	54454444	54507218	54587685	0.34	cps
Iron	57-2	1388609	1385579	1383266	1385818	0.19	cps
Krypton	83-1	407	400	303	370	15.63	cps
Lead	206-1	41390	42193	40738	41440	1.76	cps
Lead	207-1	33690	33974	33110	33591	1.31	cps
Lead	208-1	158799	158952	156259	158003	0.96	cps
Lithium	6-1	1753506	1714867	1726250	1731541	1.15	cps
Magnesium	24-2	2813215	2818556	2796915	2809562	0.40	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:32:15	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1897	1937	1917	1917	1.04	cps
Molybdenum	94-1	4979928	4986483	5011295	4992569	0.33	cps
Molybdenum	95-1	8824286	8802267	8829854	8818802	0.17	cps
Molybdenum	96-1	9385885	9479486	9360659	9408677	0.67	cps
Molybdenum	97-1	5552402	5576344	5543390	5557378	0.31	cps
Molybdenum	98-1	14304357	14312705	14267160	14294741	0.17	cps
Neodymium	150-1	47	53	67	56	18.33	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	4504	4387	4244	4379	2.98	cps
Phosphorus	31-2	37651	37618	38387	37885	1.15	cps
Potassium	39-2	1393540	1384866	1386290	1388232	0.34	cps
Rhodium	103-1	9572419	9428501	9515628	9505516	0.76	cps
Rhodium	103-2	2475292	2436951	2463988	2458744	0.80	cps
Scandium	45-1	5368201	5275813	5319909	5321308	0.87	cps
Scandium	45-2	37644	36254	37523	37140	2.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-26	-5	72	14	382.23	cps
Silicon	28-1	254198	251593	256223	254005	0.91	cps
Silver	109-1	442	633	683	586	21.76	cps
Silver	107-1	600	617	983	733	29.55	cps
Sodium	23-2	6148952	6120859	6041331	6103714	0.91	cps
Strontium	86-1	93469	92520	94081	93357	0.84	cps
Strontium	88-1	806431	814926	809983	810446	0.53	cps
Sulfur	34-1	2630206	2603686	2596806	2610233	0.68	cps
Terbium	159-1	15964727	15608280	15776114	15783040	1.13	cps
Terbium	159-2	2888274	2772378	2847177	2835943	2.07	cps
Thallium	203-1	1092	950	1150	1064	9.67	cps
Thallium	205-1	2342	2492	2550	2461	4.37	cps
Tin	118-1	5535	2575	3793	3968	37.49	cps
Titanium	47-1	2070621	2091614	2052524	2071586	0.94	cps
Uranium	238-1	892	775	833	833	7.00	cps
Vanadium	51-2	127	87	137	117	22.68	cps
Yttrium	89-1	10736617	10562517	10697129	10665421	0.86	cps
Yttrium	89-2	292335	282502	293321	289386	2.07	cps
Zinc	66-2	1833	1780	1787	1800	1.61	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:32:15	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6035	5260	4843	5379	11.25	cps
Zirconium	91-1	1317	1050	1117	1161	11.95	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	560068	558887	560290	559748	0.13	cps
Antimony	121-1	231448	231363	230497	231103	0.23	cps
Arsenic	75-1	52049	54392	53990	53477	2.34	cps
Barium	135-1	52028	50154	51284	51155	1.84	cps
Barium	137-1	89729	90249	89703	89894	0.34	cps
Beryllium	9-1	25751	23915	24766	24811	3.70	cps
Bismuth	209-1	10566311	10298369	10429586	10431422	1.28	cps
Bismuth	209-2	2495888	2443190	2517151	2485409	1.53	cps
Boron	10-1	700	592	783	692	13.89	cps
Boron	11-1	3484	3276	3576	3445	4.46	cps
Cadmium	111-1	50052	50541	51084	50559	1.02	cps
Cadmium	106-1	6310	6335	6702	6449	3.40	cps
Cadmium	108-1	4284	4447	4593	4441	3.47	cps
Calcium	43-1	2120435	2088239	2107405	2105359	0.77	cps
Calcium	44-1	33862940	34162424	33731706	33919023	0.65	cps
Chromium	52-2	36899	37216	37587	37234	0.93	cps
Cobalt	59-2	38985	38099	38386	38490	1.17	cps
Copper	63-2	43966	43899	44183	44016	0.34	cps
Dysprosium	156-1	33	50	50	44	21.66	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	108	58	58	75	38.49	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	117	158	108	128	20.96	cps
Gadolinium	160-2	13	3	33	17	91.67	cps
Holmium	165-1	15475681	15355219	15455200	15428700	0.42	cps
Holmium	165-2	3025283	3030996	3038470	3031583	0.22	cps
Indium	115-1	10725714	10596236	10689169	10670373	0.63	cps
Indium	115-2	404266	407248	408744	406753	0.56	cps
Iron	56-2	54989098	55317822	55265961	55190960	0.32	cps
Iron	57-2	1390598	1394674	1401179	1395483	0.38	cps
Krypton	83-1	443	360	400	401	10.39	cps
Lead	206-1	213370	213556	215053	213993	0.43	cps
Lead	207-1	179710	179784	180651	180048	0.29	cps
Lead	208-1	835941	836097	843152	838397	0.49	cps
Lithium	6-1	1723221	1700013	1696348	1706528	0.85	cps
Magnesium	24-2	2765852	2818635	2825141	2803209	1.16	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6688	6828	6568	6695	1.94	cps
Molybdenum	94-1	5025726	5083283	5047582	5052197	0.58	cps
Molybdenum	95-1	8805782	8958524	8837517	8867274	0.91	cps
Molybdenum	96-1	9454814	9537927	9485215	9492652	0.44	cps
Molybdenum	97-1	5541977	5647186	5570674	5586612	0.97	cps
Molybdenum	98-1	14366053	14499998	14431582	14432544	0.46	cps
Neodymium	150-1	27	60	40	42	39.73	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	15886	15873	15906	15888	0.11	cps
Phosphorus	31-2	38178	37885	38446	38169	0.73	cps
Potassium	39-2	1411112	1412357	1404553	1409341	0.30	cps
Rhodium	103-1	9657861	9557128	9614882	9609957	0.53	cps
Rhodium	103-2	2480949	2478025	2489689	2482888	0.24	cps
Scandium	45-1	5483406	5312543	5362315	5386088	1.63	cps
Scandium	45-2	37818	37928	38463	38069	0.91	cps
Selenium	77-2	23	13	13	17	34.65	cps
Selenium	78-2	35	43	57	45	25.11	cps
Selenium	82-1	2620	2902	2741	2754	5.14	cps
Silicon	28-1	263495	265931	264739	264722	0.46	cps
Silver	109-1	211747	209964	206613	209441	1.24	cps
Silver	107-1	217885	219046	218960	218630	0.30	cps
Sodium	23-2	6100854	6113287	6161064	6125068	0.52	cps
Strontium	86-1	92757	92555	93536	92949	0.56	cps
Strontium	88-1	813457	821840	812076	815791	0.65	cps
Sulfur	34-1	2623695	2643427	2626585	2631236	0.40	cps
Terbium	159-1	15947789	15545477	15829522	15774262	1.31	cps
Terbium	159-2	2895648	2910658	2919927	2908744	0.42	cps
Thallium	203-1	208382	209451	209560	209131	0.31	cps
Thallium	205-1	505242	509116	506283	506880	0.40	cps
Tin	118-1	3126	3017	3084	3075	1.78	cps
Titanium	47-1	2080910	2081317	2094645	2085624	0.37	cps
Uranium	238-1	1000	942	1158	1033	10.85	cps
Vanadium	51-2	11758	11698	11371	11609	1.79	cps
Yttrium	89-1	10812982	10718599	10844484	10792022	0.61	cps
Yttrium	89-2	294883	295451	297983	296106	0.56	cps
Zinc	66-2	4768	4611	5118	4832	5.37	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:35:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3576	3192	3292	3353	5.93	cps
Zirconium	91-1	858	717	808	795	9.04	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCV12 Instrumnet Name : P8
 Client Sample ID : CCV12 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:38:49 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346079	343326	348151	345852	0.70	cps
Antimony	121-1	5869924	5761074	5842760	5824586	0.97	cps
Arsenic	75-1	1309781	1303732	1300991	1304835	0.34	cps
Barium	135-1	6231697	6279369	6175583	6228883	0.83	cps
Barium	137-1	10957891	10960742	10883152	10933929	0.40	cps
Beryllium	9-1	647318	650782	649707	649269	0.27	cps
Bismuth	209-1	10434031	10232691	10128118	10264947	1.51	cps
Bismuth	209-2	2379525	2453765	2436836	2423375	1.61	cps
Boron	10-1	73732	75867	76278	75292	1.82	cps
Boron	11-1	356912	367255	376837	367001	2.72	cps
Cadmium	111-1	1253864	1264833	1257984	1258894	0.44	cps
Cadmium	106-1	135155	132496	133843	133831	0.99	cps
Cadmium	108-1	89495	90627	89365	89829	0.77	cps
Calcium	43-1	5411281	5429792	5445680	5428917	0.32	cps
Calcium	44-1	88583723	88829669	89691779	89035057	0.65	cps
Chromium	52-2	467163	462762	466884	465603	0.53	cps
Cobalt	59-2	937889	935970	938421	937426	0.14	cps
Copper	63-2	1659685	1638472	1624440	1640866	1.08	cps
Dysprosium	156-1	100	92	100	97	4.95	cps
Dysprosium	156-2	20	13	13	16	24.76	cps
Erbium	164-1	92	58	42	64	39.85	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	83	108	142	111	26.34	cps
Gadolinium	160-2	13	20	33	22	45.83	cps
Holmium	165-1	15501049	15347536	15066856	15305147	1.44	cps
Holmium	165-2	2996163	3015351	2991203	3000906	0.42	cps
Indium	115-1	10530822	10477230	10274332	10427461	1.30	cps
Indium	115-2	394912	398893	400897	398234	0.77	cps
Iron	56-2	74374554	74189054	74750527	74438045	0.38	cps
Iron	57-2	1923261	1921374	1926608	1923748	0.14	cps
Krypton	83-1	353	330	290	324	9.87	cps
Lead	206-1	4469793	4423147	4450278	4447740	0.53	cps
Lead	207-1	4080335	4055869	4062849	4066351	0.31	cps
Lead	208-1	18336513	18208331	18234971	18259938	0.37	cps
Lithium	6-1	1721217	1719556	1667063	1702612	1.81	cps
Magnesium	24-2	7330429	7316656	7446881	7364655	0.97	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:38:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247626	248572	248830	248343	0.26	cps
Molybdenum	94-1	9735567	9699005	9607674	9680749	0.68	cps
Molybdenum	95-1	12042066	11884072	11894261	11940133	0.74	cps
Molybdenum	96-1	13342254	13143940	13243636	13243277	0.75	cps
Molybdenum	97-1	7498716	7501024	7526915	7508885	0.21	cps
Molybdenum	98-1	19369959	19392215	19396623	19386266	0.07	cps
Neodymium	150-1	400	300	373	358	14.47	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	290707	289814	290671	290397	0.17	cps
Phosphorus	31-2	3901	4101	4167	4056	3.42	cps
Potassium	39-2	1926925	1914944	1904790	1915553	0.58	cps
Rhodium	103-1	9380435	9297589	9149721	9275915	1.26	cps
Rhodium	103-2	2413263	2456868	2463998	2444710	1.12	cps
Scandium	45-1	5392047	5360309	5319758	5357371	0.68	cps
Scandium	45-2	38078	38509	39820	38802	2.34	cps
Selenium	77-2	330	357	287	324	10.89	cps
Selenium	78-2	1267	1239	1170	1225	4.05	cps
Selenium	82-1	73115	72750	73240	73035	0.35	cps
Silicon	28-1	2320122	2312569	2332620	2321770	0.44	cps
Silver	109-1	5765412	5682790	5702703	5716968	0.75	cps
Silver	107-1	5998368	5991912	5942329	5977536	0.51	cps
Sodium	23-2	16202982	16122819	16307264	16211022	0.57	cps
Strontium	86-1	1476164	1484225	1485812	1482067	0.35	cps
Strontium	88-1	12760476	12636148	12678559	12691728	0.50	cps
Sulfur	34-1	577098	577766	576380	577081	0.12	cps
Terbium	159-1	15711761	15641812	15471934	15608502	0.79	cps
Terbium	159-2	2835282	2917280	2887500	2880021	1.44	cps
Thallium	203-1	5499627	5474702	5482889	5485739	0.23	cps
Thallium	205-1	13115811	13003667	13142729	13087402	0.56	cps
Tin	118-1	4075184	4099427	4040168	4071593	0.73	cps
Titanium	47-1	2741392	2739330	2755017	2745246	0.31	cps
Uranium	238-1	19395936	19496097	19315729	19402587	0.47	cps
Vanadium	51-2	316928	315200	319099	317076	0.62	cps
Yttrium	89-1	10783448	10644000	10467219	10631556	1.49	cps
Yttrium	89-2	293804	298613	296397	296271	0.81	cps
Zinc	66-2	150631	152133	151806	151523	0.52	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:38:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8100568	8031245	8051285	8061033	0.44	cps
Zirconium	91-1	1833056	1815878	1805972	1818302	0.75	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:41:58 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	25	13	20	33.09	cps
Antimony	121-1	14483	12757	11864	13035	10.22	cps
Arsenic	75-1	525	450	458	478	8.60	cps
Barium	135-1	258	192	225	225	14.81	cps
Barium	137-1	450	450	317	406	18.98	cps
Beryllium	9-1	522	406	322	417	24.11	cps
Bismuth	209-1	10992197	11257252	10468700	10906050	3.68	cps
Bismuth	209-2	2632474	2646371	2728549	2669131	1.95	cps
Boron	10-1	2717	2517	2484	2573	4.91	cps
Boron	11-1	13315	12297	11455	12356	7.54	cps
Cadmium	111-1	1772	1764	1521	1686	8.45	cps
Cadmium	106-1	2409	2392	2084	2295	7.98	cps
Cadmium	108-1	8	8	29	15	78.76	cps
Calcium	43-1	500	442	458	467	6.44	cps
Calcium	44-1	13240	13065	12214	12840	4.27	cps
Chromium	52-2	383	363	430	392	8.72	cps
Cobalt	59-2	90	87	60	79	20.84	cps
Copper	63-2	537	437	447	473	11.64	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	15403702	15846940	14644076	15298240	3.98	cps
Holmium	165-2	3042611	3077810	3100807	3073743	0.95	cps
Indium	115-1	11068914	11293585	10513277	10958592	3.67	cps
Indium	115-2	419701	427605	433903	427070	1.67	cps
Iron	56-2	4762	4690	4440	4631	3.65	cps
Iron	57-2	111	172	133	139	22.27	cps
Krypton	83-1	380	413	393	396	4.24	cps
Lead	206-1	1311	1322	1067	1233	11.71	cps
Lead	207-1	1222	1167	1145	1178	3.40	cps
Lead	208-1	5356	5106	4912	5125	4.35	cps
Lithium	6-1	1810825	1860757	1712603	1794728	4.20	cps
Magnesium	24-2	542	450	550	514	10.80	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:41:58	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	17	33	34	53.29	cps
Molybdenum	94-1	4451	4201	4042	4231	4.87	cps
Molybdenum	95-1	5460	4718	4809	4996	8.10	cps
Molybdenum	96-1	6327	5593	5251	5724	9.60	cps
Molybdenum	97-1	3584	2959	2700	3081	14.75	cps
Molybdenum	98-1	9128	7811	7277	8072	11.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	170	170	186	14.52	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2317	2417	2392	2375	2.19	cps
Rhodium	103-1	10124283	10336646	9623691	10028207	3.65	cps
Rhodium	103-2	2638899	2696192	2695196	2676762	1.23	cps
Scandium	45-1	5468348	5622841	5261207	5450799	3.33	cps
Scandium	45-2	38894	40154	40702	39917	2.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	6	-23	-33	-17	-123.67	cps
Silicon	28-1	155662	155039	154222	154974	0.47	cps
Silver	109-1	608	700	608	639	8.28	cps
Silver	107-1	700	783	783	756	6.37	cps
Sodium	23-2	9487	8653	7936	8692	8.93	cps
Strontium	86-1	550	708	608	622	12.87	cps
Strontium	88-1	733	600	483	606	20.66	cps
Sulfur	34-1	279929	282281	280330	280847	0.45	cps
Terbium	159-1	15807794	16088751	14927357	15607968	3.88	cps
Terbium	159-2	2900059	2973562	3016903	2963508	1.99	cps
Thallium	203-1	2575	2317	1992	2295	12.74	cps
Thallium	205-1	5718	5168	5385	5424	5.11	cps
Tin	118-1	3126	3051	2517	2898	11.45	cps
Titanium	47-1	358	358	333	350	4.12	cps
Uranium	238-1	1108	800	717	875	23.58	cps
Vanadium	51-2	13	3	13	10	57.75	cps
Yttrium	89-1	10839366	11121519	10297681	10752855	3.89	cps
Yttrium	89-2	298238	304938	308723	303966	1.75	cps
Zinc	66-2	77	97	70	81	17.11	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:41:58	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3526	3601	3326	3484	4.08	cps
Zirconium	91-1	1000	767	642	803	22.66	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	155	135	138	11.92	cps
Antimony	121-1	26360	25467	25216	25681	2.34	cps
Arsenic	75-1	2884	3226	2725	2945	8.68	cps
Barium	135-1	24140	25100	24089	24443	2.33	cps
Barium	137-1	43707	42937	44024	43556	1.28	cps
Beryllium	9-1	1717	1395	1650	1587	10.72	cps
Bismuth	209-1	11000624	10970989	10866301	10945972	0.64	cps
Bismuth	209-2	2634736	2531131	2637860	2601242	2.33	cps
Boron	10-1	4142	4684	4884	4570	8.40	cps
Boron	11-1	21642	22710	21701	22018	2.73	cps
Cadmium	111-1	4246	4401	4224	4290	2.25	cps
Cadmium	106-1	2517	2600	2592	2570	1.79	cps
Cadmium	108-1	208	213	213	211	1.14	cps
Calcium	43-1	11347	11797	11097	11413	3.11	cps
Calcium	44-1	189562	188051	185738	187784	1.03	cps
Chromium	52-2	2180	2337	2257	2258	3.47	cps
Cobalt	59-2	2067	2054	2137	2086	2.15	cps
Copper	63-2	3954	4094	3864	3971	2.92	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	92	75	75	81	11.95	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	75	75	50	67	21.65	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	15562255	15320971	15225277	15369501	1.13	cps
Holmium	165-2	3043763	2900929	3036998	2993896	2.69	cps
Indium	115-1	11076450	10932391	10868258	10959033	0.97	cps
Indium	115-2	423382	408753	426840	419658	2.29	cps
Iron	56-2	32839	33046	33101	32995	0.42	cps
Iron	57-2	806	933	956	898	9.01	cps
Krypton	83-1	447	333	350	377	16.25	cps
Lead	206-1	10071	10154	10266	10164	0.96	cps
Lead	207-1	8965	9048	8575	8863	2.85	cps
Lead	208-1	40176	40927	40543	40549	0.93	cps
Lithium	6-1	1823687	1804708	1828377	1818924	0.69	cps
Magnesium	24-2	15384	15551	15968	15634	1.92	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	273	343	293	14.86	cps
Molybdenum	94-1	22010	21326	21768	21701	1.60	cps
Molybdenum	95-1	25133	24490	25191	24938	1.56	cps
Molybdenum	96-1	27804	28472	27913	28063	1.28	cps
Molybdenum	97-1	15460	14850	15576	15295	2.55	cps
Molybdenum	98-1	41247	39609	39584	40147	2.37	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	773	843	930	849	9.24	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	9812	10146	9354	9770	4.07	cps
Rhodium	103-1	10290162	10138096	10089916	10172725	1.03	cps
Rhodium	103-2	2616058	2560825	2713652	2630178	2.94	cps
Scandium	45-1	5566807	5534868	5522385	5541353	0.41	cps
Scandium	45-2	39262	37374	39933	38856	3.42	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	9	19	9	12	43.30	cps
Selenium	82-1	700	873	850	808	11.61	cps
Silicon	28-1	215327	211869	213550	213582	0.81	cps
Silver	109-1	12682	12123	12706	12504	2.64	cps
Silver	107-1	12765	12590	13240	12865	2.62	cps
Sodium	23-2	41595	41537	41720	41618	0.23	cps
Strontium	86-1	3651	3326	3767	3581	6.39	cps
Strontium	88-1	25675	24481	25542	25233	2.59	cps
Sulfur	34-1	285881	289722	291285	288963	0.96	cps
Terbium	159-1	15839174	15744852	15661925	15748650	0.56	cps
Terbium	159-2	2899112	2794312	2937453	2876959	2.58	cps
Thallium	203-1	11856	12824	11656	12112	5.16	cps
Thallium	205-1	28399	28525	29686	28870	2.46	cps
Tin	118-1	41407	40964	42101	41490	1.38	cps
Titanium	47-1	5510	5618	5410	5512	1.89	cps
Uranium	238-1	38761	37432	38453	38215	1.82	cps
Vanadium	51-2	3137	3320	3060	3173	4.21	cps
Yttrium	89-1	11080041	10766453	10873257	10906584	1.46	cps
Yttrium	89-2	303617	291447	306970	300678	2.72	cps
Zinc	66-2	397	463	400	420	8.94	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:46:31	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22060	21017	20875	21317	3.04	cps
Zirconium	91-1	4701	4859	4393	4651	5.10	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : PB113850BL Instrumnet Name : P8
 Client Sample ID : PB113850BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 13:50:06 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	18	10	13	28.64	cps
Antimony	121-1	1525	1575	1775	1625	8.14	cps
Arsenic	75-1	175	175	167	172	2.80	cps
Barium	135-1	17	67	92	58	65.46	cps
Barium	137-1	58	25	83	56	52.68	cps
Beryllium	9-1	200	144	172	172	16.13	cps
Bismuth	209-1	10905473	10882441	10953857	10913923	0.33	cps
Bismuth	209-2	2667052	2461321	2657318	2595230	4.47	cps
Boron	10-1	858	833	867	853	2.03	cps
Boron	11-1	4009	4259	4209	4159	3.18	cps
Cadmium	111-1	1636	1499	1559	1565	4.39	cps
Cadmium	106-1	2284	2092	2184	2186	4.39	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	308	258	358	308	16.22	cps
Calcium	44-1	11097	10738	10204	10680	4.21	cps
Chromium	52-2	333	370	370	358	5.92	cps
Cobalt	59-2	73	53	80	69	20.15	cps
Copper	63-2	330	313	380	341	10.17	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	27	3	3	11	121.29	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	27	10	7	14	74.18	cps
Holmium	165-1	15265141	15214884	15343117	15274381	0.42	cps
Holmium	165-2	3092879	2888010	3061677	3014189	3.66	cps
Indium	115-1	11050736	10999027	11040937	11030233	0.25	cps
Indium	115-2	432298	405648	435318	424421	3.85	cps
Iron	56-2	2145	1961	2095	2067	4.59	cps
Iron	57-2	39	72	67	59	30.13	cps
Krypton	83-1	377	433	403	404	7.01	cps
Lead	206-1	767	622	678	689	10.58	cps
Lead	207-1	700	572	750	674	13.60	cps
Lead	208-1	3117	2717	2895	2909	6.89	cps
Lithium	6-1	1805454	1805909	1828357	1813240	0.72	cps
Magnesium	24-2	550	442	467	486	11.67	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BL	Instrumnet Name :	P8
Client Sample ID :	PB113850BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:50:06	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	40	37	33	26.47	cps
Molybdenum	94-1	833	1117	1058	1003	14.92	cps
Molybdenum	95-1	650	767	625	681	11.11	cps
Molybdenum	96-1	892	942	958	931	3.73	cps
Molybdenum	97-1	508	508	583	533	8.12	cps
Molybdenum	98-1	1342	1167	1217	1242	7.26	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	180	197	210	196	7.68	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2342	2142	2159	2214	5.01	cps
Rhodium	103-1	10218658	10105446	10314852	10212985	1.03	cps
Rhodium	103-2	2714202	2523231	2713705	2650379	4.15	cps
Scandium	45-1	5559014	5560076	5617791	5578961	0.60	cps
Scandium	45-2	41073	38340	41324	40246	4.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-20	-64	-40	-41	-53.47	cps
Silicon	28-1	152142	150414	152283	151613	0.69	cps
Silver	109-1	192	208	242	214	11.90	cps
Silver	107-1	300	317	275	297	7.06	cps
Sodium	23-2	7285	8028	7377	7563	5.35	cps
Strontium	86-1	517	683	600	600	13.89	cps
Strontium	88-1	225	200	200	208	6.93	cps
Sulfur	34-1	294628	293556	293518	293901	0.21	cps
Terbium	159-1	15618331	15465542	15848408	15644094	1.23	cps
Terbium	159-2	2982690	2778151	2978758	2913199	4.02	cps
Thallium	203-1	758	742	1000	833	17.35	cps
Thallium	205-1	2009	2134	2017	2053	3.40	cps
Tin	118-1	1117	1058	1167	1114	4.87	cps
Titanium	47-1	225	108	117	150	43.39	cps
Uranium	238-1	117	142	192	150	25.46	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	11088212	10781625	10988925	10952921	1.43	cps
Yttrium	89-2	310098	291477	311896	304491	3.71	cps
Zinc	66-2	127	150	160	146	11.75	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BL	Instrumnet Name :	P8
Client Sample ID :	PB113850BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:50:06	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1792	1275	1442	1503	17.55	cps
Zirconium	91-1	350	300	300	317	9.12	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66064	65501	65207	65590	0.66	cps
Antimony	121-1	5958047	5921061	5909112	5929407	0.43	cps
Arsenic	75-1	1328015	1327419	1333938	1329791	0.27	cps
Barium	135-1	6252907	6223920	6244125	6240317	0.24	cps
Barium	137-1	11003576	10908047	11054856	10988826	0.68	cps
Beryllium	9-1	653531	659454	658204	657063	0.48	cps
Bismuth	209-1	10833272	10824047	10709581	10788967	0.64	cps
Bismuth	209-2	2601498	2535139	2430099	2522245	3.43	cps
Boron	10-1	73413	75290	75826	74843	1.69	cps
Boron	11-1	357535	367068	372467	365690	2.07	cps
Cadmium	111-1	1300700	1312429	1303506	1305545	0.47	cps
Cadmium	106-1	139523	137159	136720	137800	1.09	cps
Cadmium	108-1	92712	92754	93715	93060	0.61	cps
Calcium	43-1	1124857	1139054	1127368	1130427	0.67	cps
Calcium	44-1	18241095	18495833	18327345	18354758	0.71	cps
Chromium	52-2	433329	432825	430915	432356	0.29	cps
Cobalt	59-2	971770	966379	965358	967836	0.36	cps
Copper	63-2	1749205	1721456	1715759	1728806	1.04	cps
Dysprosium	156-1	125	83	75	94	28.37	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	117	67	42	75	50.92	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	125	50	67	81	48.89	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	15787835	15429756	15457714	15558435	1.28	cps
Holmium	165-2	3088528	3051081	2905659	3015089	3.20	cps
Indium	115-1	10857011	10761792	10758045	10792283	0.52	cps
Indium	115-2	416744	410229	389125	405366	3.56	cps
Iron	56-2	15062853	15027028	14858069	14982650	0.73	cps
Iron	57-2	380781	381688	377392	379954	0.60	cps
Krypton	83-1	380	370	387	379	2.21	cps
Lead	206-1	4476473	4517364	4491432	4495090	0.46	cps
Lead	207-1	4088254	4158254	4066717	4104408	1.17	cps
Lead	208-1	18394245	18665810	18426393	18495482	0.80	cps
Lithium	6-1	1823811	1807511	1826120	1819147	0.56	cps
Magnesium	24-2	1582319	1559954	1572998	1571757	0.71	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	252548	250882	247999	250476	0.92	cps
Molybdenum	94-1	9691511	9691511	9612459	9665160	0.47	cps
Molybdenum	95-1	11919016	12040862	11871660	11943846	0.73	cps
Molybdenum	96-1	13234667	13232455	13197018	13221380	0.16	cps
Molybdenum	97-1	7516381	7513925	7469203	7499836	0.35	cps
Molybdenum	98-1	19296608	19387787	19436420	19373605	0.37	cps
Neodymium	150-1	347	220	233	267	26.10	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	287050	285172	285543	285922	0.35	cps
Phosphorus	31-2	3951	4184	4284	4140	4.13	cps
Potassium	39-2	378108	376820	378657	377862	0.25	cps
Rhodium	103-1	9987033	9756764	9772417	9838738	1.31	cps
Rhodium	103-2	2597708	2552704	2400994	2517136	4.09	cps
Scandium	45-1	5578554	5519618	5437070	5511747	1.29	cps
Scandium	45-2	39198	39395	37260	38618	3.06	cps
Selenium	77-2	387	387	413	396	3.89	cps
Selenium	78-2	1285	1243	1228	1252	2.38	cps
Selenium	82-1	74254	74157	74841	74417	0.50	cps
Silicon	28-1	2407735	2424109	2426550	2419465	0.42	cps
Silver	109-1	5932461	6008533	5952671	5964555	0.66	cps
Silver	107-1	6234822	6262136	6192594	6229850	0.56	cps
Sodium	23-2	3424775	3408959	3394420	3409385	0.45	cps
Strontium	86-1	1506036	1483907	1470274	1486739	1.21	cps
Strontium	88-1	12710326	12610517	12575726	12632190	0.55	cps
Sulfur	34-1	596430	592081	590857	593123	0.49	cps
Terbium	159-1	15783001	15888946	15838303	15836750	0.33	cps
Terbium	159-2	2930863	2928293	2730431	2863196	4.02	cps
Thallium	203-1	5620561	5551725	5571983	5581423	0.63	cps
Thallium	205-1	13176684	13151863	13173419	13167322	0.10	cps
Tin	118-1	4114611	4152625	4114483	4127240	0.53	cps
Titanium	47-1	2769218	2769184	2791323	2776575	0.46	cps
Uranium	238-1	18994067	19013743	19005639	19004483	0.05	cps
Vanadium	51-2	317373	318219	315602	317065	0.42	cps
Yttrium	89-1	11052409	10880258	10819300	10917322	1.11	cps
Yttrium	89-2	303538	299385	282594	295172	3.76	cps
Zinc	66-2	159575	158052	159366	158998	0.52	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	PB113850BS	Instrumnet Name :	P8
Client Sample ID :	PB113850BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:53:28	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8104129	8096978	8022275	8074461	0.56	cps
Zirconium	91-1	1820555	1827537	1825581	1824558	0.20	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	110	100	98	14.28	cps
Antimony	121-1	10246	8953	9312	9504	7.02	cps
Arsenic	75-1	14892	15009	15468	15123	2.01	cps
Barium	135-1	3386970	3350839	3355024	3364278	0.59	cps
Barium	137-1	5942048	5882639	5897587	5907425	0.52	cps
Beryllium	9-1	472	300	483	419	24.56	cps
Bismuth	209-1	12361450	12099824	11957211	12139495	1.69	cps
Bismuth	209-2	2907014	2847906	2939726	2898215	1.61	cps
Boron	10-1	7177	6293	6577	6682	6.75	cps
Boron	11-1	33039	31260	30559	31619	4.04	cps
Cadmium	111-1	2144	2019	1926	2030	5.41	cps
Cadmium	106-1	2867	2600	2584	2684	5.93	cps
Cadmium	108-1	42	38	29	36	17.62	cps
Calcium	43-1	2429880	2384166	2368278	2394108	1.34	cps
Calcium	44-1	39260794	39052446	38429569	38914269	1.11	cps
Chromium	52-2	1000	1037	970	1002	3.33	cps
Cobalt	59-2	173	123	150	149	16.80	cps
Copper	63-2	232962	232593	230662	232072	0.53	cps
Dysprosium	156-1	75	83	75	78	6.19	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	100	58	92	83	26.46	cps
Erbium	164-2	13	0	20	11	91.66	cps
Gadolinium	160-1	83	108	133	108	23.08	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	17710514	17451328	17243954	17468599	1.34	cps
Holmium	165-2	3402857	3417251	3407607	3409238	0.22	cps
Indium	115-1	12519117	12339837	12264530	12374495	1.06	cps
Indium	115-2	475411	478172	476046	476543	0.30	cps
Iron	56-2	5612	5735	5335	5561	3.69	cps
Iron	57-2	89	139	211	146	42.00	cps
Krypton	83-1	370	360	350	360	2.78	cps
Lead	206-1	10143	9960	9804	9969	1.70	cps
Lead	207-1	8603	8575	8503	8561	0.60	cps
Lead	208-1	40376	39575	39041	39664	1.69	cps
Lithium	6-1	2033746	2000504	1970498	2001583	1.58	cps
Magnesium	24-2	1212834	1197555	1195975	1202121	0.77	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	260	213	226	13.41	cps
Molybdenum	94-1	4459	3759	3534	3917	12.32	cps
Molybdenum	95-1	6535	6093	5568	6066	7.98	cps
Molybdenum	96-1	7136	6477	6027	6546	8.52	cps
Molybdenum	97-1	4309	3667	3276	3751	13.91	cps
Molybdenum	98-1	10613	9103	8553	9423	11.32	cps
Neodymium	150-1	153	140	133	142	7.16	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1070	977	1003	1017	4.73	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	27194	27127	27879	27400	1.52	cps
Rhodium	103-1	11360867	11218479	10998476	11192607	1.63	cps
Rhodium	103-2	2891381	2929509	2900863	2907251	0.68	cps
Scandium	45-1	6389295	6283304	6230312	6300970	1.28	cps
Scandium	45-2	45373	44771	45172	45105	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	46	71	72	63	23.37	cps
Silicon	28-1	45857857	45659789	45040625	45519424	0.94	cps
Silver	109-1	1033	775	675	828	22.34	cps
Silver	107-1	1142	858	992	997	14.21	cps
Sodium	23-2	1785374	1810748	1792013	1796045	0.73	cps
Strontium	86-1	1600769	1576159	1551246	1576058	1.57	cps
Strontium	88-1	13707887	13497946	13389557	13531796	1.20	cps
Sulfur	34-1	412697	410423	412725	411948	0.32	cps
Terbium	159-1	18119207	17674281	17471462	17754983	1.87	cps
Terbium	159-2	3253532	3272953	3271068	3265851	0.33	cps
Thallium	203-1	2409	2034	1934	2125	11.78	cps
Thallium	205-1	5518	4926	4726	5057	8.14	cps
Tin	118-1	4726	4293	4109	4376	7.24	cps
Titanium	47-1	708	775	700	728	5.65	cps
Uranium	238-1	88446	88690	86190	87775	1.57	cps
Vanadium	51-2	1850	1803	1790	1815	1.74	cps
Yttrium	89-1	12593553	12418741	12214171	12408822	1.53	cps
Yttrium	89-2	344860	347380	344743	345661	0.43	cps
Zinc	66-2	8233	8199	7992	8141	1.60	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02	Instrumnet Name :	P8
Client Sample ID :	381010012.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:56:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1909	1875	1784	1856	3.49	cps
Zirconium	91-1	392	492	258	381	30.76	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	83	118	89	28.77	cps
Antimony	121-1	3101	3376	2950	3142	6.86	cps
Arsenic	75-1	15434	15301	15192	15309	0.79	cps
Barium	135-1	3387108	3341095	3295982	3341395	1.36	cps
Barium	137-1	5940356	5846020	5831944	5872773	1.00	cps
Beryllium	9-1	289	344	317	317	8.77	cps
Bismuth	209-1	12399756	12123871	11929550	12151059	1.94	cps
Bismuth	209-2	2862223	2882356	2876154	2873578	0.36	cps
Boron	10-1	5093	4984	4709	4929	4.01	cps
Boron	11-1	24497	24822	24789	24703	0.72	cps
Cadmium	111-1	1727	1741	1938	1802	6.54	cps
Cadmium	106-1	2325	2434	2692	2484	7.59	cps
Cadmium	108-1	25	42	25	31	31.50	cps
Calcium	43-1	2437252	2390345	2355812	2394469	1.71	cps
Calcium	44-1	39172965	38543225	38300245	38672145	1.16	cps
Chromium	52-2	947	940	933	940	0.71	cps
Cobalt	59-2	120	47	83	83	44.00	cps
Copper	63-2	231304	231578	229722	230868	0.43	cps
Dysprosium	156-1	67	67	50	61	15.75	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	83	150	58	97	48.74	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	108	75	142	108	30.77	cps
Gadolinium	160-2	17	10	27	18	47.19	cps
Holmium	165-1	17672435	17399842	17122338	17398205	1.58	cps
Holmium	165-2	3420185	3396889	3362255	3393109	0.86	cps
Indium	115-1	12384280	12228606	12153921	12255602	0.96	cps
Indium	115-2	472585	468183	463301	468023	0.99	cps
Iron	56-2	4545	4523	4707	4592	2.18	cps
Iron	57-2	150	178	161	163	8.58	cps
Krypton	83-1	337	397	387	373	8.61	cps
Lead	206-1	9148	8753	9415	9105	3.66	cps
Lead	207-1	8147	7814	8025	7995	2.11	cps
Lead	208-1	37139	35643	36833	36538	2.16	cps
Lithium	6-1	2017258	2042723	2016862	2025615	0.73	cps
Magnesium	24-2	1183375	1168990	1176678	1176347	0.61	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	180	123	153	18.57	cps
Molybdenum	94-1	1917	1934	1867	1906	1.82	cps
Molybdenum	95-1	3084	2492	2467	2681	13.02	cps
Molybdenum	96-1	3067	3067	2859	2998	4.01	cps
Molybdenum	97-1	1725	1400	1634	1586	10.56	cps
Molybdenum	98-1	4293	4026	4276	4198	3.56	cps
Neodymium	150-1	133	173	167	158	13.58	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1003	997	940	980	3.55	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	26409	27302	26309	26673	2.05	cps
Rhodium	103-1	11221787	10926113	10925482	11024461	1.55	cps
Rhodium	103-2	2874377	2883679	2855159	2871071	0.51	cps
Scandium	45-1	6356687	6270302	6153500	6260163	1.63	cps
Scandium	45-2	44059	44079	43424	43854	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	89	19	66	58	61.06	cps
Silicon	28-1	45452007	44950144	44563803	44988651	0.99	cps
Silver	109-1	517	650	542	569	12.45	cps
Silver	107-1	708	675	533	639	14.54	cps
Sodium	23-2	1814385	1768393	1741794	1774858	2.07	cps
Strontium	86-1	1597847	1576679	1548796	1574441	1.56	cps
Strontium	88-1	13538134	13462134	13357888	13452719	0.67	cps
Sulfur	34-1	416468	414022	413712	414734	0.36	cps
Terbium	159-1	17943400	17673591	17397316	17671436	1.55	cps
Terbium	159-2	3278868	3240243	3238162	3252424	0.70	cps
Thallium	203-1	900	1067	1025	997	8.70	cps
Thallium	205-1	2375	2284	2092	2250	6.43	cps
Tin	118-1	2834	2900	2492	2742	7.99	cps
Titanium	47-1	708	667	492	622	18.48	cps
Uranium	238-1	87307	86399	86424	86710	0.60	cps
Vanadium	51-2	1747	1817	1863	1809	3.25	cps
Yttrium	89-1	12513279	12319006	12213206	12348497	1.23	cps
Yttrium	89-2	342948	339158	334255	338787	1.29	cps
Zinc	66-2	7629	7792	7302	7574	3.30	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02DUP	Instrumnet Name :	P8
Client Sample ID :	381010012.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 13:59:58	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1342	1458	1333	1378	5.07	cps
Zirconium	91-1	325	383	217	308	27.43	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	20	33	25	26.45	cps
Antimony	121-1	2242	2225	2400	2289	4.22	cps
Arsenic	75-1	3559	3442	2842	3281	11.72	cps
Barium	135-1	592365	586340	591818	590174	0.56	cps
Barium	137-1	1043459	1040023	1053993	1045825	0.70	cps
Beryllium	9-1	211	250	233	231	8.43	cps
Bismuth	209-1	11138550	11155924	10940072	11078182	1.08	cps
Bismuth	209-2	2711353	2696314	2666516	2691394	0.85	cps
Boron	10-1	1967	1784	1975	1909	5.68	cps
Boron	11-1	9904	9103	9429	9479	4.25	cps
Cadmium	111-1	1719	1599	1720	1679	4.13	cps
Cadmium	106-1	2409	2225	2434	2356	4.83	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	421750	425536	423193	423493	0.45	cps
Calcium	44-1	6934705	6932057	6928843	6931869	0.04	cps
Chromium	52-2	457	423	513	464	9.80	cps
Cobalt	59-2	50	33	47	43	20.36	cps
Copper	63-2	42666	43264	43083	43004	0.71	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	83	50	67	67	25.00	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	15661376	15696125	15566575	15641359	0.43	cps
Holmium	165-2	3147620	3135142	3076204	3119655	1.22	cps
Indium	115-1	11090102	11057080	11126785	11091322	0.31	cps
Indium	115-2	437062	432604	429862	433176	0.84	cps
Iron	56-2	2289	2067	2111	2156	5.46	cps
Iron	57-2	61	67	44	57	20.14	cps
Krypton	83-1	430	380	400	403	6.24	cps
Lead	206-1	2195	2228	2367	2263	4.04	cps
Lead	207-1	1817	2100	1761	1893	9.60	cps
Lead	208-1	8640	8835	9013	8829	2.11	cps
Lithium	6-1	1822727	1850417	1844035	1839060	0.79	cps
Magnesium	24-2	210621	210282	210301	210401	0.09	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	47	70	60	20.03	cps
Molybdenum	94-1	1117	1242	858	1072	18.23	cps
Molybdenum	95-1	1092	1258	1183	1178	7.09	cps
Molybdenum	96-1	1183	1158	1225	1189	2.83	cps
Molybdenum	97-1	583	600	717	633	11.47	cps
Molybdenum	98-1	1950	1592	1784	1775	10.10	cps
Neodymium	150-1	40	47	20	36	39.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	363	337	344	4.77	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	6535	6927	6535	6666	3.39	cps
Rhodium	103-1	10072165	10149500	10080870	10100845	0.42	cps
Rhodium	103-2	2737023	2678066	2655277	2690122	1.57	cps
Scandium	45-1	5589281	5626462	5494602	5570115	1.22	cps
Scandium	45-2	40789	40568	40091	40483	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-53	10	-36	-26	-124.41	cps
Silicon	28-1	8183031	8132293	8101522	8138948	0.51	cps
Silver	109-1	292	358	250	300	18.22	cps
Silver	107-1	433	500	500	478	8.06	cps
Sodium	23-2	318076	319602	321369	319683	0.52	cps
Strontium	86-1	278876	276347	280117	278447	0.69	cps
Strontium	88-1	2458403	2456421	2459044	2457956	0.06	cps
Sulfur	34-1	326529	326783	325094	326135	0.28	cps
Terbium	159-1	15932411	16008945	15850151	15930502	0.50	cps
Terbium	159-2	3039930	2987080	2961537	2996182	1.33	cps
Thallium	203-1	675	750	800	742	8.48	cps
Thallium	205-1	1800	1650	1692	1714	4.52	cps
Tin	118-1	1225	1542	1350	1372	11.62	cps
Titanium	47-1	200	217	308	242	24.14	cps
Uranium	238-1	16069	16145	15744	15986	1.33	cps
Vanadium	51-2	353	343	407	368	9.26	cps
Yttrium	89-1	11113163	11056845	10964647	11044885	0.68	cps
Yttrium	89-2	314058	308674	308891	310541	0.98	cps
Zinc	66-2	1693	1547	1397	1546	9.60	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02LX5	Instrumnet Name :	P8
Client Sample ID :	381010012.1L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-16 14:03:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1225	1242	1484	1317	10.98	cps
Zirconium	91-1	317	333	325	325	2.57	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13400	13600	13370	13457	0.93	cps
Antimony	121-1	10564555	10428179	10429913	10474215	0.75	cps
Arsenic	75-1	2404187	2408692	2402181	2405020	0.14	cps
Barium	135-1	3962089	3871481	3895755	3909775	1.20	cps
Barium	137-1	6926075	6811226	6728848	6822050	1.45	cps
Beryllium	9-1	302508	302049	298073	300877	0.81	cps
Bismuth	209-1	12108482	11966320	11849487	11974763	1.08	cps
Bismuth	209-2	2821570	2681555	2792973	2765366	2.68	cps
Boron	10-1	52840	53358	53869	53356	0.96	cps
Boron	11-1	257405	263433	265185	262008	1.56	cps
Cadmium	111-1	590441	587705	582788	586978	0.66	cps
Cadmium	106-1	54737	54252	54126	54372	0.59	cps
Cadmium	108-1	38509	38300	38280	38363	0.33	cps
Calcium	43-1	2351407	2346413	2326927	2341583	0.55	cps
Calcium	44-1	38003625	37549821	37320124	37624523	0.92	cps
Chromium	52-2	363536	365282	362559	363792	0.38	cps
Cobalt	59-2	413902	409601	410887	411463	0.54	cps
Copper	63-2	770721	767043	767622	768462	0.26	cps
Dysprosium	156-1	575150	572956	567145	571750	0.72	cps
Dysprosium	156-2	10675	10564	10361	10533	1.51	cps
Erbium	164-1	133	133	133	133	0.00	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	242	267	275	261	6.64	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	17289238	17122066	17028397	17146567	0.77	cps
Holmium	165-2	3314755	3136825	3289499	3247026	2.96	cps
Indium	115-1	11899402	11737621	11686108	11774377	0.95	cps
Indium	115-2	440598	412456	430985	428013	3.34	cps
Iron	56-2	1985782	1965706	1939388	1963625	1.18	cps
Iron	57-2	48490	48814	47749	48351	1.13	cps
Krypton	83-1	363	363	377	368	2.09	cps
Lead	206-1	10365363	10253047	10277358	10298589	0.57	cps
Lead	207-1	9258947	9176955	9157592	9197831	0.58	cps
Lead	208-1	42514155	42120159	41892695	42175670	0.75	cps
Lithium	6-1	2015662	1987434	1980228	1994441	0.94	cps
Magnesium	24-2	1208978	1180284	1177904	1189055	1.45	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53225	52622	51675	52507	1.49	cps
Molybdenum	94-1	1195138	1190675	1179871	1188561	0.66	cps
Molybdenum	95-1	2143708	2141103	2133509	2139440	0.25	cps
Molybdenum	96-1	2297939	2290008	2257099	2281682	0.95	cps
Molybdenum	97-1	1308507	1306300	1294355	1303054	0.58	cps
Molybdenum	98-1	3438880	3459757	3426958	3441865	0.48	cps
Neodymium	150-1	173	233	173	193	17.92	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	305534	303153	301662	303450	0.64	cps
Phosphorus	31-2	2684	2567	2700	2650	2.74	cps
Potassium	39-2	183463	182139	183286	182963	0.39	cps
Rhodium	103-1	10679621	10687654	10457457	10608244	1.23	cps
Rhodium	103-2	2734024	2554272	2708037	2665444	3.64	cps
Scandium	45-1	6009994	5885190	5870860	5922014	1.29	cps
Scandium	45-2	41424	37975	40412	39937	4.44	cps
Selenium	77-2	1623	1653	1537	1605	3.78	cps
Selenium	78-2	5938	5633	5544	5705	3.63	cps
Selenium	82-1	341086	340728	338031	339948	0.49	cps
Silicon	28-1	47988395	47445293	46918244	47450644	1.13	cps
Silver	109-1	962865	946172	946632	951890	1.00	cps
Silver	107-1	1003672	992364	989707	995247	0.75	cps
Sodium	23-2	1900753	1892300	1911984	1901679	0.52	cps
Strontium	86-1	2236658	2189560	2169332	2198517	1.57	cps
Strontium	88-1	18945696	18683454	18526376	18718509	1.13	cps
Sulfur	34-1	408048	403641	401131	404273	0.87	cps
Terbium	159-1	17645548	17504758	17228504	17459603	1.22	cps
Terbium	159-2	3155989	2983441	3164355	3101262	3.29	cps
Thallium	203-1	25581661	25266785	25182069	25343505	0.83	cps
Thallium	205-1	61054322	60404812	60279031	60579388	0.69	cps
Tin	118-1	6412502	6250177	6309672	6324117	1.30	cps
Titanium	47-1	242721	239397	242185	241434	0.74	cps
Uranium	238-1	90402	89840	89370	89871	0.57	cps
Vanadium	51-2	204131	203721	203245	203699	0.22	cps
Yttrium	89-1	11961513	11810686	11741294	11837831	0.95	cps
Yttrium	89-2	321228	300702	315445	312458	3.39	cps
Zinc	66-2	41723	40650	40686	41020	1.49	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MS	Instrumnet Name :	P8
Client Sample ID :	381010012.1MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:06:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17095	12339	9921	13118	27.82	cps
Zirconium	91-1	4801	3609	3084	3831	22.97	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13615	13024	12977	13205	2.69	cps
Antimony	121-1	10391235	10369880	10101405	10287507	1.57	cps
Arsenic	75-1	2384525	2359488	2354577	2366197	0.68	cps
Barium	135-1	3926814	3902022	3893938	3907591	0.44	cps
Barium	137-1	6908871	6799427	6792948	6833749	0.95	cps
Beryllium	9-1	297313	295952	292455	295240	0.85	cps
Bismuth	209-1	12038105	12279079	12525201	12280795	1.98	cps
Bismuth	209-2	2573087	2776243	2782853	2710728	4.40	cps
Boron	10-1	54020	54128	54161	54103	0.14	cps
Boron	11-1	260177	267306	267059	264847	1.53	cps
Cadmium	111-1	585529	577570	576473	579857	0.85	cps
Cadmium	106-1	54686	53724	51491	53301	3.08	cps
Cadmium	108-1	37665	38405	38225	38098	1.01	cps
Calcium	43-1	2351432	2307610	2278574	2312539	1.59	cps
Calcium	44-1	37535037	37138396	37117638	37263690	0.63	cps
Chromium	52-2	361244	353831	354397	356490	1.16	cps
Cobalt	59-2	412496	402878	401261	405545	1.50	cps
Copper	63-2	768064	756521	749969	758185	1.21	cps
Dysprosium	156-1	575589	567012	578100	573567	1.01	cps
Dysprosium	156-2	10421	10481	10097	10333	2.00	cps
Erbium	164-1	92	108	133	111	18.88	cps
Erbium	164-2	20	37	23	27	33.08	cps
Gadolinium	160-1	258	267	267	264	1.82	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	17419735	17539533	17396576	17451948	0.44	cps
Holmium	165-2	3060659	3305709	3277552	3214640	4.17	cps
Indium	115-1	11807918	11985240	11790376	11861178	0.91	cps
Indium	115-2	396031	429982	435704	420573	5.10	cps
Iron	56-2	1942245	1899754	1911051	1917683	1.15	cps
Iron	57-2	48496	47281	47448	47742	1.38	cps
Krypton	83-1	320	350	323	331	4.97	cps
Lead	206-1	10382114	10321343	10310963	10338140	0.37	cps
Lead	207-1	9326853	9268765	9185102	9260240	0.77	cps
Lead	208-1	42574278	42343107	42099205	42338864	0.56	cps
Lithium	6-1	2007010	1999031	2000426	2002156	0.21	cps
Magnesium	24-2	1203036	1178292	1195706	1192345	1.07	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52645	51140	51066	51617	1.73	cps
Molybdenum	94-1	1163587	1161001	1139415	1154668	1.15	cps
Molybdenum	95-1	2093983	2086242	2048000	2076075	1.19	cps
Molybdenum	96-1	2264803	2227252	2218224	2236760	1.10	cps
Molybdenum	97-1	1278362	1269565	1255138	1267688	0.92	cps
Molybdenum	98-1	3384093	3349587	3315110	3349597	1.03	cps
Neodymium	150-1	207	220	247	224	9.07	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	300388	298502	296149	298346	0.71	cps
Phosphorus	31-2	2592	2617	2484	2564	2.76	cps
Potassium	39-2	183944	176695	179478	180039	2.03	cps
Rhodium	103-1	10711703	10671887	10548668	10644086	0.80	cps
Rhodium	103-2	2471446	2691520	2692124	2618363	4.86	cps
Scandium	45-1	5900524	5935882	5878175	5904861	0.49	cps
Scandium	45-2	37010	40117	39526	38884	4.24	cps
Selenium	77-2	1650	1633	1500	1595	5.16	cps
Selenium	78-2	5390	5481	5394	5421	0.95	cps
Selenium	82-1	337551	334823	333598	335324	0.60	cps
Silicon	28-1	47170461	46430038	46368778	46656426	0.96	cps
Silver	109-1	929088	922673	919794	923852	0.51	cps
Silver	107-1	976796	968935	959483	968405	0.90	cps
Sodium	23-2	1912074	1898319	1876686	1895693	0.94	cps
Strontium	86-1	2199488	2146044	2156626	2167386	1.31	cps
Strontium	88-1	18824251	18494989	18500656	18606632	1.01	cps
Sulfur	34-1	403591	399825	401180	401532	0.48	cps
Terbium	159-1	17666069	17786489	17751805	17734788	0.35	cps
Terbium	159-2	2886673	3113476	3145369	3048506	4.63	cps
Thallium	203-1	25584528	25468375	25302671	25451858	0.56	cps
Thallium	205-1	61480322	60864928	60680772	61008674	0.69	cps
Tin	118-1	6259515	6248775	6146566	6218285	1.00	cps
Titanium	47-1	235176	234690	235388	235085	0.15	cps
Uranium	238-1	90814	91469	90923	91069	0.39	cps
Vanadium	51-2	202321	199049	197487	199619	1.24	cps
Yttrium	89-1	11916739	11897444	11789791	11867991	0.58	cps
Yttrium	89-2	287521	313459	313316	304765	4.90	cps
Zinc	66-2	41890	41338	41700	41643	0.67	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02MSD	Instrumnet Name :	P8
Client Sample ID :	381010012.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:09:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6185	5435	4626	5415	14.40	cps
Zirconium	91-1	2175	1950	1750	1959	10.86	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12987	13104	12877	12989	0.88	cps
Antimony	121-1	10345024	10478581	10098393	10307333	1.87	cps
Arsenic	75-1	2358678	2350675	2306351	2338568	1.21	cps
Barium	135-1	3892828	3877759	3797803	3856130	1.32	cps
Barium	137-1	6840441	6832164	6691100	6787902	1.24	cps
Beryllium	9-1	296289	294571	291961	294274	0.74	cps
Bismuth	209-1	12205331	10760448	12013446	11659741	6.73	cps
Bismuth	209-2	2792623	2788496	2780149	2787089	0.23	cps
Boron	10-1	55098	55500	55006	55201	0.48	cps
Boron	11-1	263324	270677	272246	268749	1.77	cps
Cadmium	111-1	582326	581822	572345	578831	0.97	cps
Cadmium	106-1	55130	54779	53005	54305	2.10	cps
Cadmium	108-1	38367	37711	37640	37906	1.06	cps
Calcium	43-1	2279146	2269958	2242898	2264001	0.83	cps
Calcium	44-1	36829039	36837292	36234727	36633686	0.94	cps
Chromium	52-2	351971	348956	345026	348651	1.00	cps
Cobalt	59-2	399860	396382	393465	396569	0.81	cps
Copper	63-2	746473	742785	736899	742052	0.65	cps
Dysprosium	156-1	577399	568639	565686	570575	1.07	cps
Dysprosium	156-2	10351	10244	10027	10207	1.62	cps
Erbium	164-1	150	133	108	131	16.06	cps
Erbium	164-2	13	10	27	17	52.93	cps
Gadolinium	160-1	367	233	250	283	25.64	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	17227086	15489383	17177438	16631302	5.95	cps
Holmium	165-2	3263192	3252839	3287794	3267942	0.55	cps
Indium	115-1	11752571	10396835	11664665	11271357	6.73	cps
Indium	115-2	429961	431410	425902	429091	0.67	cps
Iron	56-2	1884948	1873737	1865532	1874739	0.52	cps
Iron	57-2	46667	46517	46628	46604	0.17	cps
Krypton	83-1	377	350	353	360	4.04	cps
Lead	206-1	10425380	10411609	10218048	10351679	1.12	cps
Lead	207-1	9339166	9402780	9179941	9307296	1.23	cps
Lead	208-1	42807767	42833470	41956355	42532531	1.17	cps
Lithium	6-1	1995010	1784822	1962397	1914076	5.91	cps
Magnesium	24-2	1145848	1158282	1119613	1141248	1.73	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49963	50314	50153	50143	0.35	cps
Molybdenum	94-1	1161043	1167364	1154721	1161043	0.54	cps
Molybdenum	95-1	2092542	2100924	2076062	2089843	0.61	cps
Molybdenum	96-1	2255746	2218451	2210797	2228331	1.08	cps
Molybdenum	97-1	1285940	1271600	1265790	1274443	0.81	cps
Molybdenum	98-1	3400473	3321622	3369987	3364027	1.18	cps
Neodymium	150-1	200	240	220	220	9.09	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	293675	292481	291110	292422	0.44	cps
Phosphorus	31-2	2692	2634	2834	2720	3.78	cps
Potassium	39-2	173694	175530	174940	174721	0.54	cps
Rhodium	103-1	10584720	9427860	10400138	10137572	6.13	cps
Rhodium	103-2	2684115	2691075	2658106	2677765	0.65	cps
Scandium	45-1	5759484	5139932	5728549	5542655	6.30	cps
Scandium	45-2	39917	38987	38600	39168	1.73	cps
Selenium	77-2	1533	1513	1683	1577	5.89	cps
Selenium	78-2	5392	5353	5338	5361	0.52	cps
Selenium	82-1	335951	334351	330730	333677	0.80	cps
Silicon	28-1	46079655	46191111	45208816	45826527	1.17	cps
Silver	109-1	937617	939342	920140	932367	1.14	cps
Silver	107-1	983924	986461	971106	980497	0.84	cps
Sodium	23-2	1871794	1852543	1822218	1848852	1.35	cps
Strontium	86-1	2144177	2161240	2116314	2140577	1.06	cps
Strontium	88-1	18509436	18544057	18195151	18416215	1.04	cps
Sulfur	34-1	396651	398440	395171	396754	0.41	cps
Terbium	159-1	17503208	15620419	17362816	16828814	6.23	cps
Terbium	159-2	3114467	3150336	3093902	3119568	0.92	cps
Thallium	203-1	25606242	25547427	25431893	25528521	0.35	cps
Thallium	205-1	61672089	61326283	60619566	61205979	0.88	cps
Tin	118-1	6226373	6208523	6178294	6204397	0.39	cps
Titanium	47-1	234652	229342	230316	231437	1.22	cps
Uranium	238-1	92106	91334	89957	91132	1.19	cps
Vanadium	51-2	194966	196699	194128	195265	0.67	cps
Yttrium	89-1	11711068	10428452	11647769	11262429	6.42	cps
Yttrium	89-2	307341	309450	309178	308656	0.37	cps
Zinc	66-2	40402	39884	39102	39796	1.65	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-02A	Instrumnet Name :	P8
Client Sample ID :	381010012.1A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:13:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4193	3426	3501	3706	11.41	cps
Zirconium	91-1	1850	1717	1667	1745	5.43	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	95	60	73	25.81	cps
Antimony	121-1	18222	17362	17070	17551	3.41	cps
Arsenic	75-1	19899	19289	19748	19645	1.62	cps
Barium	135-1	148737	147565	145661	147321	1.05	cps
Barium	137-1	259561	261225	258889	259892	0.46	cps
Beryllium	9-1	356	339	333	343	3.38	cps
Bismuth	209-1	12491837	12369671	12273745	12378418	0.88	cps
Bismuth	209-2	2811742	2766229	2818073	2798681	1.01	cps
Boron	10-1	75407	75934	78188	76510	1.93	cps
Boron	11-1	371674	378421	385948	378681	1.89	cps
Cadmium	111-1	1975	1540	2031	1849	14.55	cps
Cadmium	106-1	2667	2125	2784	2525	13.91	cps
Cadmium	108-1	42	21	25	29	37.81	cps
Calcium	43-1	2372818	2331139	2340579	2348179	0.93	cps
Calcium	44-1	37821407	37541602	37460118	37607709	0.50	cps
Chromium	52-2	363	410	367	380	6.85	cps
Cobalt	59-2	87	67	57	70	21.82	cps
Copper	63-2	14241	14728	14498	14489	1.68	cps
Dysprosium	156-1	125	100	100	108	13.33	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	108	125	92	108	15.39	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	125	150	133	136	9.35	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	17627348	17337079	17272620	17412349	1.09	cps
Holmium	165-2	3302653	3262594	3307503	3290917	0.75	cps
Indium	115-1	12103724	11882067	11763283	11916358	1.45	cps
Indium	115-2	431411	436075	435825	434437	0.60	cps
Iron	56-2	47147	47509	48725	47794	1.73	cps
Iron	57-2	1267	1278	1117	1220	7.37	cps
Krypton	83-1	340	313	280	311	9.66	cps
Lead	206-1	14587	15104	14242	14644	2.96	cps
Lead	207-1	12968	12429	12034	12477	3.76	cps
Lead	208-1	58760	58977	56378	58039	2.48	cps
Lithium	6-1	2008372	2005291	1965822	1993161	1.19	cps
Magnesium	24-2	870921	862475	872765	868720	0.63	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397	383	437	406	6.84	cps
Molybdenum	94-1	13641	13874	13232	13582	2.39	cps
Molybdenum	95-1	23429	22895	23463	23262	1.37	cps
Molybdenum	96-1	25166	24966	24648	24926	1.05	cps
Molybdenum	97-1	14876	14667	14850	14798	0.77	cps
Molybdenum	98-1	37712	37829	36416	37319	2.10	cps
Neodymium	150-1	47	27	53	42	32.87	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1053	1003	1040	1032	2.51	cps
Phosphorus	31-2	8	8	50	22	108.27	cps
Potassium	39-2	33750	34593	33575	33973	1.60	cps
Rhodium	103-1	10800329	10621330	10516327	10645995	1.35	cps
Rhodium	103-2	2702062	2673955	2696044	2690687	0.55	cps
Scandium	45-1	5845459	5795285	5748205	5796316	0.84	cps
Scandium	45-2	39071	38493	38703	38756	0.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	234	262	278	258	8.62	cps
Silicon	28-1	47481817	47315152	46848385	47215118	0.70	cps
Silver	109-1	475	317	375	389	20.59	cps
Silver	107-1	400	450	550	467	16.37	cps
Sodium	23-2	1344577	1326371	1342632	1337860	0.75	cps
Strontium	86-1	6305170	6307433	6250669	6287758	0.51	cps
Strontium	88-1	54810899	54936572	54367153	54704875	0.55	cps
Sulfur	34-1	2183535	2172307	2146473	2167438	0.88	cps
Terbium	159-1	17868081	17560393	17567421	17665298	0.99	cps
Terbium	159-2	3149563	3148964	3205245	3167924	1.02	cps
Thallium	203-1	7611	6877	6610	7033	7.37	cps
Thallium	205-1	18331	16770	15360	16820	8.83	cps
Tin	118-1	9020	8545	7736	8434	7.70	cps
Titanium	47-1	592	450	450	497	16.45	cps
Uranium	238-1	191588	189175	190048	190270	0.64	cps
Vanadium	51-2	3350	3857	3731	3646	7.23	cps
Yttrium	89-1	11786515	11639705	11637161	11687794	0.73	cps
Yttrium	89-2	305913	306598	307317	306609	0.23	cps
Zinc	66-2	8716	8556	8656	8643	0.94	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-03	Instrumnet Name :	P8
Client Sample ID :	381010014.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:16:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	958	892	1000	13.41	cps
Zirconium	91-1	175	167	267	203	27.36	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332638	329204	329196	330346	0.60	cps
Antimony	121-1	5734867	5749327	5902111	5795435	1.60	cps
Arsenic	75-1	1238418	1250323	1280863	1256535	1.74	cps
Barium	135-1	6172856	6119235	6301624	6197905	1.51	cps
Barium	137-1	10791997	10838521	11115733	10915417	1.60	cps
Beryllium	9-1	636663	635329	654283	642092	1.65	cps
Bismuth	209-1	10373802	10414936	10084398	10291046	1.75	cps
Bismuth	209-2	2436015	2453984	2458717	2449572	0.49	cps
Boron	10-1	75934	80249	81950	79378	3.91	cps
Boron	11-1	374821	384501	401127	386816	3.44	cps
Cadmium	111-1	1234432	1239952	1268560	1247648	1.47	cps
Cadmium	106-1	131958	131788	135500	133082	1.57	cps
Cadmium	108-1	89239	88895	90136	89423	0.72	cps
Calcium	43-1	5147516	5178678	5309060	5211751	1.64	cps
Calcium	44-1	83980929	84811379	86825804	85206037	1.72	cps
Chromium	52-2	429699	427047	429375	428707	0.34	cps
Cobalt	59-2	913320	911278	915713	913437	0.24	cps
Copper	63-2	1591743	1576110	1590345	1586066	0.55	cps
Dysprosium	156-1	175	167	108	150	24.22	cps
Dysprosium	156-2	33	23	10	22	52.68	cps
Erbium	164-1	92	75	67	78	16.37	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	175	83	217	158	43.08	cps
Gadolinium	160-2	33	27	7	22	62.43	cps
Holmium	165-1	15307650	15130542	14737594	15058595	1.94	cps
Holmium	165-2	3029313	3061755	3002275	3031114	0.98	cps
Indium	115-1	10113388	10121276	9750106	9994923	2.12	cps
Indium	115-2	387201	391179	387929	388769	0.54	cps
Iron	56-2	71037757	70447485	70271114	70585452	0.57	cps
Iron	57-2	1832879	1825287	1830836	1829667	0.21	cps
Krypton	83-1	400	407	373	393	4.49	cps
Lead	206-1	4522194	4512168	4666300	4566887	1.89	cps
Lead	207-1	4125148	4152440	4230451	4169346	1.31	cps
Lead	208-1	18561772	18642008	19049363	18751047	1.39	cps
Lithium	6-1	1693877	1707356	1639879	1680370	2.13	cps
Magnesium	24-2	7151455	7140939	7135107	7142501	0.12	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240935	238130	237673	238912	0.74	cps
Molybdenum	94-1	9311572	9403177	9576465	9430405	1.43	cps
Molybdenum	95-1	11549795	11685376	11861085	11698752	1.33	cps
Molybdenum	96-1	12830423	12982653	12983710	12932262	0.68	cps
Molybdenum	97-1	7313862	7332632	7411929	7352808	0.71	cps
Molybdenum	98-1	18869805	18812567	19318497	19000290	1.46	cps
Neodymium	150-1	253	360	340	318	17.84	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	274630	274861	276142	275211	0.30	cps
Phosphorus	31-2	3842	4084	4134	4020	3.88	cps
Potassium	39-2	1802909	1764574	1798499	1788661	1.17	cps
Rhodium	103-1	8959369	8933016	8634736	8842374	2.04	cps
Rhodium	103-2	2382878	2409374	2384875	2392376	0.62	cps
Scandium	45-1	5059600	5028038	4911570	4999736	1.56	cps
Scandium	45-2	36985	36655	36999	36880	0.53	cps
Selenium	77-2	397	347	287	343	16.04	cps
Selenium	78-2	1226	1232	1167	1208	2.97	cps
Selenium	82-1	69936	69955	72219	70704	1.86	cps
Silicon	28-1	2154877	2157776	2205058	2172570	1.30	cps
Silver	109-1	5592419	5612596	5694810	5633275	0.96	cps
Silver	107-1	5833535	5858758	5948545	5880279	1.03	cps
Sodium	23-2	15837169	15751025	15786137	15791444	0.27	cps
Strontium	86-1	1411548	1412405	1456332	1426762	1.80	cps
Strontium	88-1	12204403	12264845	12512830	12327359	1.33	cps
Sulfur	34-1	584847	587262	596417	589509	1.04	cps
Terbium	159-1	15427189	15552138	14986717	15322014	1.94	cps
Terbium	159-2	2878874	2898578	2879179	2885544	0.39	cps
Thallium	203-1	5634113	5576879	5762762	5657918	1.68	cps
Thallium	205-1	13400926	13369470	13674720	13481705	1.25	cps
Tin	118-1	4018056	4020005	4081256	4039772	0.89	cps
Titanium	47-1	2604597	2631540	2687650	2641262	1.60	cps
Uranium	238-1	19892297	20148137	20562658	20201031	1.67	cps
Vanadium	51-2	305150	301946	301530	302875	0.65	cps
Yttrium	89-1	10196737	10225997	9816369	10079701	2.27	cps
Yttrium	89-2	283918	285237	286529	285228	0.46	cps
Zinc	66-2	149835	148528	147447	148603	0.80	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:19:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7793585	7813323	8034552	7880487	1.70	cps
Zirconium	91-1	1736279	1747553	1813598	1765810	2.37	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	18	28	18	47.91	cps
Antimony	121-1	4818	5418	5902	5379	10.09	cps
Arsenic	75-1	442	500	450	464	6.80	cps
Barium	135-1	333	333	333	333	0.00	cps
Barium	137-1	575	567	633	592	6.14	cps
Beryllium	9-1	478	561	489	509	8.89	cps
Bismuth	209-1	10039432	11024303	11098882	10720872	5.52	cps
Bismuth	209-2	2562571	2655755	2614520	2610949	1.79	cps
Boron	10-1	2550	2842	2300	2564	10.58	cps
Boron	11-1	12364	12948	12339	12550	2.75	cps
Cadmium	111-1	1515	1694	1795	1668	8.50	cps
Cadmium	106-1	1950	2109	2334	2131	9.04	cps
Cadmium	108-1	13	17	38	22	60.27	cps
Calcium	43-1	350	375	417	381	8.85	cps
Calcium	44-1	10438	11055	10588	10693	3.01	cps
Chromium	52-2	377	397	420	398	5.45	cps
Cobalt	59-2	197	190	153	180	12.96	cps
Copper	63-2	370	387	347	368	5.46	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	150	33	67	83	72.12	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	14177832	15298747	15363631	14946737	4.46	cps
Holmium	165-2	2960322	3027796	2976931	2988350	1.18	cps
Indium	115-1	9755693	10587264	10742934	10361964	5.12	cps
Indium	115-2	404320	409692	407554	407189	0.66	cps
Iron	56-2	1850	1834	1861	1848	0.76	cps
Iron	57-2	44	33	39	39	14.30	cps
Krypton	83-1	393	373	397	388	3.26	cps
Lead	206-1	2434	2500	2311	2415	3.97	cps
Lead	207-1	1839	2211	1950	2000	9.56	cps
Lead	208-1	9446	9924	9190	9520	3.91	cps
Lithium	6-1	1664917	1830719	1826438	1774024	5.33	cps
Magnesium	24-2	400	508	408	439	13.74	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	27	32	15.80	cps
Molybdenum	94-1	1642	1500	1575	1572	4.51	cps
Molybdenum	95-1	1734	1533	1742	1670	7.07	cps
Molybdenum	96-1	1942	1775	1850	1856	4.50	cps
Molybdenum	97-1	1117	875	1017	1003	12.11	cps
Molybdenum	98-1	2434	2050	2384	2289	9.11	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	217	213	210	4.20	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1900	1759	1967	1875	5.67	cps
Rhodium	103-1	9055832	9769284	9749009	9524709	4.26	cps
Rhodium	103-2	2528507	2559590	2553996	2547364	0.65	cps
Scandium	45-1	4661303	5123419	5139129	4974617	5.46	cps
Scandium	45-2	36561	36818	36885	36755	0.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	56	22	-26	17	241.07	cps
Silicon	28-1	146382	143838	144360	144860	0.93	cps
Silver	109-1	375	358	317	350	8.59	cps
Silver	107-1	375	392	475	414	12.94	cps
Sodium	23-2	7244	7160	7477	7294	2.25	cps
Strontium	86-1	633	483	542	553	13.68	cps
Strontium	88-1	408	417	392	406	3.14	cps
Sulfur	34-1	297027	304039	298404	299823	1.24	cps
Terbium	159-1	14248243	15424757	15562942	15078647	4.79	cps
Terbium	159-2	2896890	2900016	2865509	2887471	0.66	cps
Thallium	203-1	2967	2750	2867	2862	3.79	cps
Thallium	205-1	6944	6318	6194	6485	6.20	cps
Tin	118-1	2442	2850	2575	2623	7.94	cps
Titanium	47-1	100	117	58	92	32.77	cps
Uranium	238-1	4243	4409	4001	4218	4.87	cps
Vanadium	51-2	30	40	20	30	33.33	cps
Yttrium	89-1	9532042	10379173	10473829	10128348	5.12	cps
Yttrium	89-2	282611	287086	285430	285042	0.79	cps
Zinc	66-2	190	147	157	164	13.80	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:27:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1767	1934	1839	4.65	cps
Zirconium	91-1	425	392	500	439	12.64	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	168	170	171	2.23	cps
Antimony	121-1	2875	2617	3184	2892	9.81	cps
Arsenic	75-1	15234	15142	15584	15320	1.52	cps
Barium	135-1	1175	842	942	986	17.35	cps
Barium	137-1	1967	1842	1859	1889	3.59	cps
Beryllium	9-1	300	256	311	289	10.17	cps
Bismuth	209-1	11450593	11612946	11569388	11544309	0.73	cps
Bismuth	209-2	2767033	2665347	2622483	2684954	2.77	cps
Boron	10-1	68346	71219	72400	70655	2.95	cps
Boron	11-1	345890	353257	358387	352511	1.78	cps
Cadmium	111-1	2241	2583	2333	2386	7.42	cps
Cadmium	106-1	2259	2709	2367	2445	9.61	cps
Cadmium	108-1	75	54	88	72	23.31	cps
Calcium	43-1	7119	6719	7052	6963	3.08	cps
Calcium	44-1	129089	127692	125147	127310	1.57	cps
Chromium	52-2	703	740	700	714	3.11	cps
Cobalt	59-2	427	467	373	422	11.09	cps
Copper	63-2	70076	70555	70481	70370	0.37	cps
Dysprosium	156-1	33	58	17	36	58.08	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	125	58	117	100	36.32	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	16661133	16543140	16590524	16598266	0.36	cps
Holmium	165-2	3207377	3167151	3159080	3177869	0.81	cps
Indium	115-1	11282835	11173284	11332389	11262836	0.72	cps
Indium	115-2	426084	417663	418668	420805	1.09	cps
Iron	56-2	10943	11244	11116	11101	1.36	cps
Iron	57-2	256	322	367	315	17.77	cps
Krypton	83-1	330	363	307	333	8.54	cps
Lead	206-1	6835	6852	6963	6884	1.01	cps
Lead	207-1	6029	5640	5935	5868	3.46	cps
Lead	208-1	27446	26328	26929	26901	2.08	cps
Lithium	6-1	1911505	1925645	1917557	1918236	0.37	cps
Magnesium	24-2	57860	57316	56840	57339	0.89	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313	323	287	308	6.16	cps
Molybdenum	94-1	12748	13574	12064	12795	5.91	cps
Molybdenum	95-1	18538	19632	19047	19072	2.87	cps
Molybdenum	96-1	20358	20408	21384	20717	2.79	cps
Molybdenum	97-1	12423	11814	11681	11973	3.31	cps
Molybdenum	98-1	31763	31337	30310	31137	2.40	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1227	1120	1233	1193	5.33	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	8311	8828	8870	8670	3.59	cps
Rhodium	103-1	10135480	10100214	10181934	10139209	0.40	cps
Rhodium	103-2	2670237	2600791	2590006	2620345	1.66	cps
Scandium	45-1	5513205	5485555	5557292	5518684	0.66	cps
Scandium	45-2	37798	37246	38690	37911	1.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	118	55	172	115	50.89	cps
Silicon	28-1	40386403	40297944	39907848	40197398	0.63	cps
Silver	109-1	158	217	158	178	18.95	cps
Silver	107-1	358	325	300	328	8.93	cps
Sodium	23-2	11822013	11653332	11687211	11720852	0.76	cps
Strontium	86-1	14859	15150	15459	15156	1.98	cps
Strontium	88-1	129509	129906	127172	128862	1.15	cps
Sulfur	34-1	1899085	1881161	1883984	1888077	0.51	cps
Terbium	159-1	17013385	16749012	16848576	16870324	0.79	cps
Terbium	159-2	3099218	3027589	3024670	3050492	1.38	cps
Thallium	203-1	1684	1567	1550	1600	4.54	cps
Thallium	205-1	4118	3642	3459	3740	9.09	cps
Tin	118-1	5729	4068	3867	4555	22.43	cps
Titanium	47-1	633	692	650	658	4.57	cps
Uranium	238-1	118947	117046	120269	118754	1.36	cps
Vanadium	51-2	2727	3007	2800	2845	5.10	cps
Yttrium	89-1	11170572	11207584	11190589	11189582	0.17	cps
Yttrium	89-2	301453	297820	296651	298642	0.84	cps
Zinc	66-2	16360	15953	16250	16187	1.30	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-04	Instrumnet Name :	P8
Client Sample ID :	381010014.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:30:40	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5310	5385	5135	5276	2.43	cps
Zirconium	91-1	1233	1200	1308	1247	4.45	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	78	75	82	11.59	cps
Antimony	121-1	1617	1725	1742	1695	4.01	cps
Arsenic	75-1	9003	8711	8803	8839	1.69	cps
Barium	135-1	2121066	2110518	2077304	2102963	1.09	cps
Barium	137-1	3770543	3706028	3637449	3704673	1.80	cps
Beryllium	9-1	328	233	250	270	18.64	cps
Bismuth	209-1	12351649	12545416	12344041	12413702	0.92	cps
Bismuth	209-2	2819169	2820766	2868495	2836143	0.99	cps
Boron	10-1	7569	7694	7285	7516	2.79	cps
Boron	11-1	37575	36798	34743	36372	4.02	cps
Cadmium	111-1	1822	1785	1669	1759	4.56	cps
Cadmium	106-1	2600	2509	2384	2498	4.36	cps
Cadmium	108-1	21	13	42	25	60.10	cps
Calcium	43-1	2129438	2103008	2098217	2110221	0.80	cps
Calcium	44-1	34629631	34023947	33626688	34093422	1.48	cps
Chromium	52-2	453	530	440	474	10.24	cps
Cobalt	59-2	33	57	40	43	27.74	cps
Copper	63-2	26372	26833	26445	26550	0.93	cps
Dysprosium	156-1	67	58	67	64	7.53	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	100	175	133	136	27.61	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	108	67	58	78	34.44	cps
Gadolinium	160-2	27	17	17	20	28.86	cps
Holmium	165-1	17696573	17520794	17434252	17550540	0.76	cps
Holmium	165-2	3364436	3346887	3350197	3353840	0.28	cps
Indium	115-1	12141638	12109153	11998403	12083064	0.62	cps
Indium	115-2	454468	445812	447946	449409	1.00	cps
Iron	56-2	2178	2517	2423	2372	7.37	cps
Iron	57-2	44	94	106	81	39.95	cps
Krypton	83-1	370	317	370	352	8.74	cps
Lead	206-1	4040	3867	3767	3891	3.54	cps
Lead	207-1	3445	3434	3412	3430	0.49	cps
Lead	208-1	15921	15671	15376	15656	1.74	cps
Lithium	6-1	2035005	2058608	2011077	2034896	1.17	cps
Magnesium	24-2	1290239	1294696	1280090	1288342	0.58	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	57	37	54	30.81	cps
Molybdenum	94-1	1825	1675	1534	1678	8.69	cps
Molybdenum	95-1	1784	1850	1600	1745	7.42	cps
Molybdenum	96-1	1984	2092	1975	2017	3.23	cps
Molybdenum	97-1	1200	1292	1183	1225	4.76	cps
Molybdenum	98-1	3009	2492	2925	2809	9.88	cps
Neodymium	150-1	127	67	147	113	36.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	290	253	250	264	8.39	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	21559	21467	21309	21445	0.59	cps
Rhodium	103-1	10877747	10749958	10714619	10780774	0.80	cps
Rhodium	103-2	2781889	2741430	2751558	2758292	0.76	cps
Scandium	45-1	5995245	5938081	5907924	5947083	0.75	cps
Scandium	45-2	41548	41157	41358	41354	0.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	63	66	2	44	83.49	cps
Silicon	28-1	46249121	45782796	45154447	45728788	1.20	cps
Silver	109-1	233	192	283	236	19.44	cps
Silver	107-1	300	258	250	269	9.94	cps
Sodium	23-2	1120243	1132098	1133462	1128601	0.64	cps
Strontium	86-1	2427984	2425741	2415554	2423093	0.27	cps
Strontium	88-1	20835191	20616440	20535734	20662455	0.75	cps
Sulfur	34-1	469184	464179	463097	465487	0.70	cps
Terbium	159-1	17981237	17930637	17595131	17835668	1.18	cps
Terbium	159-2	3244567	3194265	3162579	3200471	1.29	cps
Thallium	203-1	1292	1017	1025	1111	14.08	cps
Thallium	205-1	2900	2700	3234	2945	9.15	cps
Tin	118-1	1775	1817	1817	1803	1.33	cps
Titanium	47-1	508	392	558	486	17.59	cps
Uranium	238-1	110436	110276	108746	109820	0.85	cps
Vanadium	51-2	2040	2097	1880	2006	5.60	cps
Yttrium	89-1	12066484	12003029	11901861	11990458	0.69	cps
Yttrium	89-2	319778	317572	314976	317442	0.76	cps
Zinc	66-2	3687	3397	3447	3511	4.42	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5428-05	Instrumnet Name :	P8
Client Sample ID :	381010015.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:34:00	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1600	1559	1534	1564	2.15	cps
Zirconium	91-1	300	308	308	306	1.57	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	268	180	219	20.29	cps
Antimony	121-1	1317	1558	1433	1436	8.42	cps
Arsenic	75-1	467	467	492	475	3.04	cps
Barium	135-1	3917	3659	4226	3934	7.21	cps
Barium	137-1	7302	6935	6619	6952	4.92	cps
Beryllium	9-1	544	406	444	465	15.42	cps
Bismuth	209-1	12427890	12242089	12486342	12385440	1.03	cps
Bismuth	209-2	2962938	2852162	2983235	2932778	2.41	cps
Boron	10-1	3526	3459	3534	3506	1.17	cps
Boron	11-1	17052	17019	15576	16549	5.09	cps
Cadmium	111-1	2081	2045	2133	2087	2.12	cps
Cadmium	106-1	2484	2409	2617	2503	4.22	cps
Cadmium	108-1	17	17	46	26	63.80	cps
Calcium	43-1	164513	162539	162656	163236	0.68	cps
Calcium	44-1	2711276	2682043	2675290	2689536	0.71	cps
Chromium	52-2	977	1053	1110	1047	6.39	cps
Cobalt	59-2	320	377	317	338	9.98	cps
Copper	63-2	30661	30150	30029	30280	1.11	cps
Dysprosium	156-1	358	317	392	356	10.57	cps
Dysprosium	156-2	73	77	50	67	21.80	cps
Erbium	164-1	258	275	192	242	18.25	cps
Erbium	164-2	60	57	53	57	5.89	cps
Gadolinium	160-1	367	358	292	339	12.13	cps
Gadolinium	160-2	83	90	107	93	12.88	cps
Holmium	165-1	17562376	17278943	17505002	17448774	0.86	cps
Holmium	165-2	3369939	3255253	3344905	3323366	1.81	cps
Indium	115-1	12204658	12072019	12118800	12131826	0.55	cps
Indium	115-2	456459	442576	451273	450102	1.56	cps
Iron	56-2	5340	4951	5090	5127	3.85	cps
Iron	57-2	150	117	139	135	12.56	cps
Krypton	83-1	363	343	323	343	5.83	cps
Lead	206-1	6897	7030	6696	6874	2.44	cps
Lead	207-1	5590	5551	5918	5687	3.54	cps
Lead	208-1	26957	27496	26550	27001	1.76	cps
Lithium	6-1	2008514	2012523	2012251	2011096	0.11	cps
Magnesium	24-2	41462	41052	39807	40774	2.11	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250	153	203	202	23.91	cps
Molybdenum	94-1	550	608	675	611	10.24	cps
Molybdenum	95-1	475	525	467	489	6.45	cps
Molybdenum	96-1	642	525	550	572	10.73	cps
Molybdenum	97-1	383	425	300	369	17.23	cps
Molybdenum	98-1	650	742	725	706	6.92	cps
Neodymium	150-1	400	480	453	444	9.17	cps
Neodymium	150-2	47	40	50	46	11.18	cps
Nickel	60-2	10144	10688	10457	10430	2.62	cps
Phosphorus	31-2	58	133	92	94	39.79	cps
Potassium	39-2	30993	30701	29941	30545	1.78	cps
Rhodium	103-1	11093615	10871316	11058576	11007836	1.09	cps
Rhodium	103-2	2857818	2801340	2848739	2835966	1.07	cps
Scandium	45-1	5863694	5842474	5810636	5838935	0.46	cps
Scandium	45-2	41354	39786	41204	40781	2.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-11	5	50	14	221.20	cps
Silicon	28-1	15228218	15121409	15066741	15138790	0.54	cps
Silver	109-1	258	275	192	242	18.25	cps
Silver	107-1	267	225	183	225	18.52	cps
Sodium	23-2	328991	326099	324581	326557	0.69	cps
Strontium	86-1	89469	89359	89258	89362	0.12	cps
Strontium	88-1	777598	770791	764367	770919	0.86	cps
Sulfur	34-1	349958	346685	343719	346787	0.90	cps
Terbium	159-1	17859773	17526033	17900290	17762032	1.16	cps
Terbium	159-2	3244774	3142374	3227673	3204940	1.71	cps
Thallium	203-1	983	967	1008	986	2.13	cps
Thallium	205-1	2342	2542	2567	2484	4.97	cps
Tin	118-1	2292	1959	2092	2114	7.94	cps
Titanium	47-1	458	667	667	597	20.14	cps
Uranium	238-1	2034	1917	2159	2036	5.94	cps
Vanadium	51-2	63	50	67	60	14.70	cps
Yttrium	89-1	11897229	11693956	11854553	11815246	0.91	cps
Yttrium	89-2	320062	312444	316683	316397	1.21	cps
Zinc	66-2	13073	12756	12416	12748	2.58	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-01	Instrumnet Name :	P8
Client Sample ID :	381010721	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:37:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1183	1142	900	1075	14.23	cps
Zirconium	91-1	200	225	208	211	6.03	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	455	425	452	5.57	cps
Antimony	121-1	1300	1017	1042	1120	14.01	cps
Arsenic	75-1	425	400	417	414	3.08	cps
Barium	135-1	8378	8411	8486	8425	0.66	cps
Barium	137-1	14650	15193	14433	14759	2.65	cps
Beryllium	9-1	278	283	478	346	32.89	cps
Bismuth	209-1	12878148	12761315	12115247	12584903	3.27	cps
Bismuth	209-2	2791422	2841879	2764737	2799346	1.40	cps
Boron	10-1	2934	2900	2834	2889	1.76	cps
Boron	11-1	13790	14483	14975	14416	4.13	cps
Cadmium	111-1	1857	1853	1714	1808	4.52	cps
Cadmium	106-1	2442	2392	2292	2375	3.22	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	180371	177374	175889	177878	1.28	cps
Calcium	44-1	3031969	2957864	2978381	2989405	1.28	cps
Chromium	52-2	1050	917	953	973	7.08	cps
Cobalt	59-2	143	147	160	150	5.88	cps
Copper	63-2	20278	19828	19931	20012	1.18	cps
Dysprosium	156-1	492	408	475	458	9.62	cps
Dysprosium	156-2	63	107	100	90	25.93	cps
Erbium	164-1	308	242	350	300	18.22	cps
Erbium	164-2	40	67	57	54	24.75	cps
Gadolinium	160-1	492	567	467	508	10.24	cps
Gadolinium	160-2	127	70	117	104	28.96	cps
Holmium	165-1	17764036	17386771	17317218	17489342	1.37	cps
Holmium	165-2	3155526	3318066	3278427	3250673	2.61	cps
Indium	115-1	12389983	12120215	11947194	12152464	1.84	cps
Indium	115-2	426980	441517	437317	435271	1.72	cps
Iron	56-2	42794	42192	43189	42725	1.18	cps
Iron	57-2	1056	1150	1078	1095	4.51	cps
Krypton	83-1	287	310	353	317	10.68	cps
Lead	206-1	12290	11861	11778	11976	2.29	cps
Lead	207-1	9882	10243	10121	10082	1.82	cps
Lead	208-1	47536	46456	45950	46648	1.74	cps
Lithium	6-1	2055741	1994725	1983815	2011427	1.93	cps
Magnesium	24-2	43208	41837	42172	42406	1.69	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	760	620	707	696	10.16	cps
Molybdenum	94-1	592	600	592	594	0.81	cps
Molybdenum	95-1	375	383	350	369	4.70	cps
Molybdenum	96-1	508	442	450	467	7.78	cps
Molybdenum	97-1	300	250	242	264	11.96	cps
Molybdenum	98-1	592	542	600	578	5.46	cps
Neodymium	150-1	513	607	527	549	9.20	cps
Neodymium	150-2	80	53	53	62	24.75	cps
Nickel	60-2	1800	1733	1660	1731	4.05	cps
Phosphorus	31-2	117	108	158	128	20.96	cps
Potassium	39-2	34384	33574	32856	33605	2.28	cps
Rhodium	103-1	11278155	10978397	10869114	11041889	1.92	cps
Rhodium	103-2	2692241	2796361	2761464	2750022	1.93	cps
Scandium	45-1	6007703	5865417	5751892	5875004	2.18	cps
Scandium	45-2	38015	39836	38603	38818	2.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	89	100	-15	58	109.59	cps
Silicon	28-1	17536560	17266443	17166150	17323051	1.11	cps
Silver	109-1	225	292	267	261	12.90	cps
Silver	107-1	258	242	242	247	3.89	cps
Sodium	23-2	354735	351607	349531	351957	0.74	cps
Strontium	86-1	95650	92387	93402	93813	1.78	cps
Strontium	88-1	817268	797835	805520	806875	1.21	cps
Sulfur	34-1	349518	348585	347324	348476	0.32	cps
Terbium	159-1	18131077	17657654	17529627	17772786	1.78	cps
Terbium	159-2	3037316	3173722	3102322	3104453	2.20	cps
Thallium	203-1	983	992	808	928	11.16	cps
Thallium	205-1	2425	2200	2234	2286	5.31	cps
Tin	118-1	1825	1675	1617	1706	6.30	cps
Titanium	47-1	7035	633	533	2734	136.26	cps
Uranium	238-1	2159	2434	1959	2184	10.92	cps
Vanadium	51-2	147	143	113	134	13.65	cps
Yttrium	89-1	12142331	11737510	11640505	11840116	2.25	cps
Yttrium	89-2	300900	309610	305602	305371	1.43	cps
Zinc	66-2	4714	4434	4664	4604	3.24	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-02	Instrumnet Name :	P8
Client Sample ID :	381010722	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:40:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1058	1075	1081	2.36	cps
Zirconium	91-1	200	258	242	233	12.88	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260	175	200	212	20.64	cps
Antimony	121-1	817	1000	908	908	10.09	cps
Arsenic	75-1	325	442	333	367	17.75	cps
Barium	135-1	3659	3684	3809	3717	2.16	cps
Barium	137-1	6877	6835	6652	6788	1.76	cps
Beryllium	9-1	850	728	917	832	11.52	cps
Bismuth	209-1	12623736	12271563	12603302	12499534	1.58	cps
Bismuth	209-2	2840445	2847393	2989076	2892305	2.90	cps
Boron	10-1	2692	2550	2475	2573	4.28	cps
Boron	11-1	12831	12748	12439	12673	1.63	cps
Cadmium	111-1	2741	2784	2556	2694	4.49	cps
Cadmium	106-1	2675	2675	2442	2598	5.19	cps
Cadmium	108-1	88	50	100	79	32.87	cps
Calcium	43-1	156117	157611	155437	156388	0.71	cps
Calcium	44-1	2657267	2637667	2632276	2642403	0.50	cps
Chromium	52-2	1000	1073	977	1017	4.96	cps
Cobalt	59-2	1847	1747	1627	1740	6.33	cps
Copper	63-2	21634	21667	21877	21726	0.61	cps
Dysprosium	156-1	558	575	633	589	6.69	cps
Dysprosium	156-2	120	110	113	114	4.45	cps
Erbium	164-1	550	542	350	481	23.54	cps
Erbium	164-2	80	77	100	86	14.75	cps
Gadolinium	160-1	667	650	625	647	3.24	cps
Gadolinium	160-2	130	177	150	152	15.38	cps
Holmium	165-1	17615648	16722294	17255349	17197764	2.61	cps
Holmium	165-2	3305543	3321454	3343211	3323402	0.57	cps
Indium	115-1	12300492	11712399	11986155	11999682	2.45	cps
Indium	115-2	444272	443362	446860	444832	0.41	cps
Iron	56-2	5990	5774	5990	5918	2.11	cps
Iron	57-2	117	128	111	119	7.16	cps
Krypton	83-1	413	327	333	358	13.48	cps
Lead	206-1	2050	2022	2084	2052	1.49	cps
Lead	207-1	1750	1750	1522	1674	7.86	cps
Lead	208-1	8023	8124	7840	7996	1.80	cps
Lithium	6-1	2028817	1942536	1997890	1989747	2.20	cps
Magnesium	24-2	41269	42815	41486	41857	2.00	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	517	477	503	499	4.08	cps
Molybdenum	94-1	775	608	650	678	12.80	cps
Molybdenum	95-1	525	417	392	444	15.95	cps
Molybdenum	96-1	467	358	467	431	14.53	cps
Molybdenum	97-1	350	300	275	308	12.38	cps
Molybdenum	98-1	717	667	550	644	13.27	cps
Neodymium	150-1	680	627	620	642	5.12	cps
Neodymium	150-2	113	70	80	88	25.85	cps
Nickel	60-2	14284	14491	14181	14319	1.10	cps
Phosphorus	31-2	108	108	108	108	0.00	cps
Potassium	39-2	32764	32322	32380	32489	0.74	cps
Rhodium	103-1	11191101	10596351	10885450	10890967	2.73	cps
Rhodium	103-2	2779145	2803300	2814636	2799027	0.65	cps
Scandium	45-1	5875400	5604456	5833043	5770966	2.53	cps
Scandium	45-2	39683	39529	39322	39511	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	7	4	89.21	cps
Selenium	82-1	-36	40	52	19	252.74	cps
Silicon	28-1	16387012	16178964	16008485	16191487	1.17	cps
Silver	109-1	233	183	133	183	27.27	cps
Silver	107-1	250	217	275	247	11.84	cps
Sodium	23-2	347644	345186	343114	345315	0.66	cps
Strontium	86-1	102231	98957	100377	100522	1.63	cps
Strontium	88-1	878349	873742	860033	870708	1.09	cps
Sulfur	34-1	351457	343686	344138	346427	1.26	cps
Terbium	159-1	17998885	16975365	17416999	17463750	2.94	cps
Terbium	159-2	3184713	3154933	3182273	3173973	0.52	cps
Thallium	203-1	858	867	833	853	2.03	cps
Thallium	205-1	2184	2284	2125	2198	3.64	cps
Tin	118-1	1992	1834	1650	1825	9.37	cps
Titanium	47-1	492	683	683	619	17.87	cps
Uranium	238-1	8553	7853	7836	8081	5.07	cps
Vanadium	51-2	77	33	50	53	40.99	cps
Yttrium	89-1	12006939	11416854	11648013	11690602	2.54	cps
Yttrium	89-2	309571	310410	313260	311080	0.62	cps
Zinc	66-2	52770	52369	52322	52487	0.47	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-03	Instrumnet Name :	P8
Client Sample ID :	381010723	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:44:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1083	1067	1167	1106	4.85	cps
Zirconium	91-1	292	225	308	275	16.04	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423	390	390	401	4.68	cps
Antimony	121-1	2584	2184	2542	2436	9.03	cps
Arsenic	75-1	300	383	342	342	12.20	cps
Barium	135-1	5260	5226	5085	5190	1.79	cps
Barium	137-1	9354	9537	8953	9281	3.22	cps
Beryllium	9-1	378	367	433	393	9.10	cps
Bismuth	209-1	12716936	12539009	12623193	12626380	0.70	cps
Bismuth	209-2	2968149	2902548	2784136	2884944	3.23	cps
Boron	10-1	2475	2317	2325	2373	3.76	cps
Boron	11-1	11714	11538	11522	11591	0.92	cps
Cadmium	111-1	2171	2446	2191	2269	6.75	cps
Cadmium	106-1	2550	2917	2500	2656	8.57	cps
Cadmium	108-1	50	54	25	43	36.64	cps
Calcium	43-1	176404	173771	176911	175695	0.96	cps
Calcium	44-1	2967257	2924183	2921227	2937555	0.88	cps
Chromium	52-2	1107	1023	1077	1069	3.95	cps
Cobalt	59-2	8846	8596	8569	8671	1.76	cps
Copper	63-2	30948	31272	30604	30941	1.08	cps
Dysprosium	156-1	1217	1175	1067	1153	6.72	cps
Dysprosium	156-2	203	253	223	227	11.10	cps
Erbium	164-1	783	925	958	889	10.45	cps
Erbium	164-2	127	170	173	157	16.62	cps
Gadolinium	160-1	1492	1067	1300	1286	16.55	cps
Gadolinium	160-2	267	347	303	306	13.11	cps
Holmium	165-1	17723966	17484009	17450065	17552680	0.85	cps
Holmium	165-2	3337320	3313559	3115489	3255456	3.74	cps
Indium	115-1	12329449	12063291	12029332	12140691	1.35	cps
Indium	115-2	446874	439015	413590	433160	4.02	cps
Iron	56-2	14709	14024	14525	14419	2.46	cps
Iron	57-2	350	311	372	344	8.98	cps
Krypton	83-1	373	397	370	380	3.82	cps
Lead	206-1	1700517	1690426	1659017	1683320	1.29	cps
Lead	207-1	1326436	1313446	1309718	1316533	0.67	cps
Lead	208-1	6512486	6418120	6381767	6437458	1.05	cps
Lithium	6-1	1992785	1992785	2002372	1995981	0.28	cps
Magnesium	24-2	43191	42347	43292	42944	1.21	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1043	980	1007	1010	3.15	cps
Molybdenum	94-1	533	408	633	525	21.47	cps
Molybdenum	95-1	308	250	250	269	12.50	cps
Molybdenum	96-1	408	367	467	414	12.14	cps
Molybdenum	97-1	200	275	242	239	15.73	cps
Molybdenum	98-1	425	467	558	483	14.11	cps
Neodymium	150-1	1680	1527	1754	1654	7.00	cps
Neodymium	150-2	187	220	203	203	8.20	cps
Nickel	60-2	11628	11178	11208	11338	2.22	cps
Phosphorus	31-2	117	167	92	125	30.55	cps
Potassium	39-2	33081	32213	33357	32884	1.82	cps
Rhodium	103-1	11142901	10930373	10949975	11007749	1.07	cps
Rhodium	103-2	2818747	2828610	2654441	2767266	3.54	cps
Scandium	45-1	5849732	5729803	5775512	5785015	1.05	cps
Scandium	45-2	39519	39669	37173	38787	3.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-5	-39	-16	-20	-85.36	cps
Silicon	28-1	17493352	17272143	17139988	17301828	1.03	cps
Silver	109-1	267	242	242	250	5.77	cps
Silver	107-1	225	242	375	281	29.30	cps
Sodium	23-2	349951	340705	342843	344500	1.41	cps
Strontium	86-1	104683	103053	101602	103113	1.49	cps
Strontium	88-1	902215	891260	890096	894523	0.75	cps
Sulfur	34-1	345637	342495	346711	344948	0.64	cps
Terbium	159-1	17967699	17692790	17778698	17813062	0.79	cps
Terbium	159-2	3205877	3199200	2963889	3122989	4.41	cps
Thallium	203-1	1133	1017	850	1000	14.24	cps
Thallium	205-1	2292	2175	2259	2242	2.68	cps
Tin	118-1	19782	19674	19006	19487	2.16	cps
Titanium	47-1	1150	1100	1000	1083	7.05	cps
Uranium	238-1	2609	2692	2659	2653	1.58	cps
Vanadium	51-2	100	133	100	111	17.32	cps
Yttrium	89-1	12021476	11782264	11820739	11874826	1.08	cps
Yttrium	89-2	314309	310083	289553	304649	4.35	cps
Zinc	66-2	17047	17161	16760	16989	1.21	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5465-04	Instrumnet Name :	P8
Client Sample ID :	381010724	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:47:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1208	1017	1117	1114	8.61	cps
Zirconium	91-1	250	242	283	258	8.54	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	175	138	168	16.14	cps
Antimony	121-1	667	808	925	800	16.17	cps
Arsenic	75-1	450	408	450	436	5.52	cps
Barium	135-1	76244	75323	75357	75641	0.69	cps
Barium	137-1	135749	135563	135834	135715	0.10	cps
Beryllium	9-1	172	239	161	191	22.05	cps
Bismuth	209-1	12060837	12148796	12117625	12109086	0.37	cps
Bismuth	209-2	2724271	2842100	2700861	2755744	2.75	cps
Boron	10-1	4618	5535	4893	5015	9.38	cps
Boron	11-1	25448	25607	26024	25693	1.16	cps
Cadmium	111-1	1801	1704	1566	1690	7.01	cps
Cadmium	106-1	2467	2350	2142	2320	7.10	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	17662	17094	17103	17286	1.88	cps
Calcium	44-1	295648	291250	285788	290896	1.70	cps
Chromium	52-2	640	607	617	621	2.75	cps
Cobalt	59-2	1373	1247	1263	1295	5.32	cps
Copper	63-2	22942	22265	22689	22632	1.51	cps
Dysprosium	156-1	1333	1317	1367	1339	1.90	cps
Dysprosium	156-2	297	317	340	318	6.82	cps
Erbium	164-1	1842	1650	1634	1709	6.78	cps
Erbium	164-2	257	310	280	282	9.47	cps
Gadolinium	160-1	1909	1525	1659	1697	11.47	cps
Gadolinium	160-2	413	437	447	432	3.96	cps
Holmium	165-1	16611419	16691572	16556156	16619716	0.41	cps
Holmium	165-2	3193990	3191577	3086003	3157190	1.95	cps
Indium	115-1	11410169	11532517	11525110	11489266	0.60	cps
Indium	115-2	421247	424179	409655	418360	1.84	cps
Iron	56-2	5096	5340	5257	5231	2.38	cps
Iron	57-2	122	78	133	111	26.46	cps
Krypton	83-1	347	357	313	339	6.70	cps
Lead	206-1	79889	79772	80051	79904	0.18	cps
Lead	207-1	66491	66111	66563	66388	0.37	cps
Lead	208-1	312885	311343	309586	311271	0.53	cps
Lithium	6-1	1921618	1931626	1904208	1919151	0.72	cps
Magnesium	24-2	41093	40559	40860	40837	0.66	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1827	1790	2010	1876	6.28	cps
Molybdenum	94-1	567	500	725	597	19.35	cps
Molybdenum	95-1	208	175	208	197	9.76	cps
Molybdenum	96-1	317	333	292	314	6.68	cps
Molybdenum	97-1	250	175	192	206	19.16	cps
Molybdenum	98-1	333	392	342	356	8.87	cps
Neodymium	150-1	1947	1947	2034	1976	2.53	cps
Neodymium	150-2	277	253	213	248	12.93	cps
Nickel	60-2	800	763	833	799	4.38	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	10079	9470	9879	9809	3.16	cps
Rhodium	103-1	10526026	10541120	10411231	10492792	0.68	cps
Rhodium	103-2	2679051	2717974	2598217	2665081	2.29	cps
Scandium	45-1	5540093	5536707	5451317	5509373	0.91	cps
Scandium	45-2	37246	37634	36137	37006	2.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-6	-18	35	3	796.02	cps
Silicon	28-1	10682460	10593696	10493326	10589827	0.89	cps
Silver	109-1	225	192	117	178	31.21	cps
Silver	107-1	183	242	250	225	16.15	cps
Sodium	23-2	410093	398384	406739	405072	1.49	cps
Strontium	86-1	29733	28456	28940	29043	2.22	cps
Strontium	88-1	251387	246098	246209	247898	1.22	cps
Sulfur	34-1	342221	339191	332189	337867	1.52	cps
Terbium	159-1	17004991	16975365	16792412	16924256	0.68	cps
Terbium	159-2	3020193	3044341	2935896	3000143	1.90	cps
Thallium	203-1	1083	967	917	989	8.65	cps
Thallium	205-1	1884	1875	2067	1942	5.58	cps
Tin	118-1	4217	3226	3318	3587	15.28	cps
Titanium	47-1	300	417	300	339	19.88	cps
Uranium	238-1	1217	1208	1050	1158	8.11	cps
Vanadium	51-2	3	20	7	10	88.20	cps
Yttrium	89-1	11251392	11194529	11182799	11209573	0.33	cps
Yttrium	89-2	295183	296740	284274	292065	2.33	cps
Zinc	66-2	3497	3404	3310	3404	2.74	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-03	Instrumnet Name :	P8
Client Sample ID :	381010700.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:51:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1450	1342	1283	1358	6.23	cps
Zirconium	91-1	408	350	308	356	14.13	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	85	120	107	17.75	cps
Antimony	121-1	950	1050	950	983	5.88	cps
Arsenic	75-1	508	458	567	511	10.61	cps
Barium	135-1	71938	73605	71469	72337	1.55	cps
Barium	137-1	127618	127895	126274	127263	0.68	cps
Beryllium	9-1	200	211	200	204	3.15	cps
Bismuth	209-1	12158540	12048634	11867612	12024929	1.22	cps
Bismuth	209-2	2753695	2680809	2714734	2716413	1.34	cps
Boron	10-1	4834	5326	5310	5157	5.42	cps
Boron	11-1	25690	26350	26742	26261	2.02	cps
Cadmium	111-1	1681	1865	1639	1729	6.96	cps
Cadmium	106-1	2284	2592	2275	2384	7.57	cps
Cadmium	108-1	13	17	29	19	44.61	cps
Calcium	43-1	19514	18029	19105	18883	4.06	cps
Calcium	44-1	312166	312183	311956	312102	0.04	cps
Chromium	52-2	503	460	547	503	8.61	cps
Cobalt	59-2	1417	1217	1240	1291	8.47	cps
Copper	63-2	265672	265350	263770	264931	0.38	cps
Dysprosium	156-1	50	58	75	61	20.83	cps
Dysprosium	156-2	17	20	13	17	20.01	cps
Erbium	164-1	117	150	100	122	20.83	cps
Erbium	164-2	37	13	37	29	46.64	cps
Gadolinium	160-1	67	117	133	106	32.87	cps
Gadolinium	160-2	27	33	40	33	20.00	cps
Holmium	165-1	16785154	16589414	16380658	16585075	1.22	cps
Holmium	165-2	3240704	3058311	3163642	3154219	2.90	cps
Indium	115-1	11502070	11405355	11267872	11391766	1.03	cps
Indium	115-2	425281	406906	418462	416883	2.23	cps
Iron	56-2	2656	2550	2439	2548	4.25	cps
Iron	57-2	83	50	72	69	24.77	cps
Krypton	83-1	317	360	340	339	6.40	cps
Lead	206-1	14765	15299	15287	15117	2.02	cps
Lead	207-1	13135	13002	12668	12935	1.86	cps
Lead	208-1	60163	60347	59940	60150	0.34	cps
Lithium	6-1	1936880	1920184	1875072	1910712	1.67	cps
Magnesium	24-2	42406	42264	41679	42116	0.92	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1887	2030	2030	1982	4.18	cps
Molybdenum	94-1	650	675	625	650	3.85	cps
Molybdenum	95-1	258	283	242	261	8.03	cps
Molybdenum	96-1	483	400	417	433	10.18	cps
Molybdenum	97-1	183	175	158	172	7.39	cps
Molybdenum	98-1	325	442	350	372	16.50	cps
Neodymium	150-1	60	87	47	64	31.60	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	683	667	657	669	2.01	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	10087	10329	10321	10246	1.34	cps
Rhodium	103-1	10473824	10430524	10288973	10397774	0.93	cps
Rhodium	103-2	2690228	2567642	2670798	2642889	2.49	cps
Scandium	45-1	5524224	5458357	5393568	5458717	1.20	cps
Scandium	45-2	37791	36521	36975	37096	1.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	48	-4	24	22	116.11	cps
Silicon	28-1	10842869	10835972	10768578	10815806	0.38	cps
Silver	109-1	250	342	275	289	16.40	cps
Silver	107-1	342	425	242	336	27.31	cps
Sodium	23-2	414496	412553	405314	410788	1.18	cps
Strontium	86-1	32364	31813	31629	31936	1.20	cps
Strontium	88-1	274715	273619	270255	272863	0.85	cps
Sulfur	34-1	340874	339873	336914	339220	0.61	cps
Terbium	159-1	16931674	16841957	16827763	16867131	0.33	cps
Terbium	159-2	3074862	2947507	3015280	3012550	2.12	cps
Thallium	203-1	925	683	600	736	22.93	cps
Thallium	205-1	1992	1950	1925	1956	1.72	cps
Tin	118-1	4826	4751	4876	4818	1.31	cps
Titanium	47-1	258	233	242	244	5.21	cps
Uranium	238-1	1167	1117	1200	1161	3.61	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	11241037	11179757	10977235	11132676	1.24	cps
Yttrium	89-2	297070	285107	291860	291345	2.06	cps
Zinc	66-2	2980	3050	2934	2988	1.97	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5466-04	Instrumnet Name :	P8
Client Sample ID :	381010701.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:54:21	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1142	1242	1567	1317	16.88	cps
Zirconium	91-1	242	342	383	322	22.60	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	135	120	123	9.35	cps
Antimony	121-1	2275	2067	2217	2186	4.92	cps
Arsenic	75-1	26309	27437	26251	26666	2.51	cps
Barium	135-1	9037	9454	9546	9345	2.90	cps
Barium	137-1	17120	15935	17179	16745	4.19	cps
Beryllium	9-1	467	422	356	415	13.48	cps
Bismuth	209-1	12045239	11877183	11848483	11923635	0.89	cps
Bismuth	209-2	2818189	2702936	2741956	2754361	2.13	cps
Boron	10-1	17845	18955	18922	18574	3.40	cps
Boron	11-1	92196	93587	93488	93090	0.83	cps
Cadmium	111-1	1996	2058	2021	2025	1.54	cps
Cadmium	106-1	2500	2434	2367	2434	2.74	cps
Cadmium	108-1	83	29	46	53	52.57	cps
Calcium	43-1	1333413	1335996	1324694	1331368	0.44	cps
Calcium	44-1	21574073	21415569	21246394	21412012	0.77	cps
Chromium	52-2	513	477	550	513	7.14	cps
Cobalt	59-2	67	83	83	78	12.37	cps
Copper	63-2	45635	46574	46625	46278	1.20	cps
Dysprosium	156-1	108	92	33	78	50.64	cps
Dysprosium	156-2	30	10	20	20	50.00	cps
Erbium	164-1	192	250	250	231	14.61	cps
Erbium	164-2	40	33	33	36	10.83	cps
Gadolinium	160-1	183	133	200	172	20.15	cps
Gadolinium	160-2	23	47	23	31	43.32	cps
Holmium	165-1	16855762	16741611	16483034	16693469	1.14	cps
Holmium	165-2	3229211	3162257	3185144	3192204	1.07	cps
Indium	115-1	11518692	11240806	11274375	11344624	1.34	cps
Indium	115-2	424258	416103	414046	418136	1.29	cps
Iron	56-2	7797	8047	7463	7769	3.77	cps
Iron	57-2	167	244	178	196	21.43	cps
Krypton	83-1	350	307	313	323	7.22	cps
Lead	206-1	65514	65905	64055	65158	1.50	cps
Lead	207-1	56146	56498	55053	55899	1.35	cps
Lead	208-1	260955	260817	255035	258935	1.30	cps
Lithium	6-1	1905726	1885074	1894064	1894955	0.55	cps
Magnesium	24-2	270798	266309	268545	268551	0.84	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	573	510	547	543	5.85	cps
Molybdenum	94-1	13949	14709	14609	14422	2.86	cps
Molybdenum	95-1	22453	24005	23755	23404	3.56	cps
Molybdenum	96-1	25049	26376	26343	25923	2.92	cps
Molybdenum	97-1	14909	15051	15201	15054	0.97	cps
Molybdenum	98-1	37712	39074	38564	38450	1.79	cps
Neodymium	150-1	60	100	67	76	28.36	cps
Neodymium	150-2	20	10	27	19	44.42	cps
Nickel	60-2	2070	2084	2097	2084	0.64	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	81720	80304	81821	81282	1.04	cps
Rhodium	103-1	10282625	10122805	10223062	10209497	0.79	cps
Rhodium	103-2	2663393	2603419	2624035	2630282	1.16	cps
Scandium	45-1	5497545	5402088	5394346	5431326	1.06	cps
Scandium	45-2	37430	36317	37527	37091	1.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	93	107	99	100	6.90	cps
Silicon	28-1	75171643	75001393	74054195	74742411	0.81	cps
Silver	109-1	225	200	208	211	6.03	cps
Silver	107-1	275	233	200	236	15.92	cps
Sodium	23-2	1393346	1373065	1394607	1387006	0.87	cps
Strontium	86-1	542626	545724	544495	544281	0.29	cps
Strontium	88-1	4826078	4768190	4801529	4798599	0.61	cps
Sulfur	34-1	640113	640736	641206	640685	0.09	cps
Terbium	159-1	16998459	16736551	16787451	16840820	0.82	cps
Terbium	159-2	3069950	3032044	3013548	3038514	0.95	cps
Thallium	203-1	783	775	842	800	4.54	cps
Thallium	205-1	1942	1800	1684	1809	7.15	cps
Tin	118-1	4092	4059	3817	3990	3.76	cps
Titanium	47-1	833	850	825	836	1.52	cps
Uranium	238-1	147953	149134	146226	147771	0.99	cps
Vanadium	51-2	763	763	793	773	2.24	cps
Yttrium	89-1	11307817	11016674	11114762	11146418	1.33	cps
Yttrium	89-2	296318	291846	288724	292296	1.31	cps
Zinc	66-2	22796	21981	22542	22439	1.86	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-01	Instrumnet Name :	P8
Client Sample ID :	381010179.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 14:57:43	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	2992	2817	3067	9.61	cps
Zirconium	91-1	758	617	758	711	11.50	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	118	108	108	8.10	cps
Antimony	121-1	2309	2109	2275	2231	4.80	cps
Arsenic	75-1	28522	28990	28831	28781	0.83	cps
Barium	135-1	10179	10438	9854	10157	2.88	cps
Barium	137-1	18547	17571	17245	17788	3.81	cps
Beryllium	9-1	344	433	550	443	23.29	cps
Bismuth	209-1	12547736	12347516	11857730	12250994	2.90	cps
Bismuth	209-2	2878054	2982407	2845458	2901973	2.47	cps
Boron	10-1	19305	19773	19380	19486	1.29	cps
Boron	11-1	95677	96339	96658	96224	0.52	cps
Cadmium	111-1	1988	2077	1857	1974	5.61	cps
Cadmium	106-1	2584	2717	2434	2578	5.50	cps
Cadmium	108-1	29	54	38	40	31.60	cps
Calcium	43-1	1426072	1434178	1405853	1422034	1.03	cps
Calcium	44-1	22905174	22953561	22618504	22825746	0.79	cps
Chromium	52-2	583	500	447	510	13.51	cps
Cobalt	59-2	117	123	97	112	12.37	cps
Copper	63-2	102840	102000	103596	102812	0.78	cps
Dysprosium	156-1	42	108	58	69	49.96	cps
Dysprosium	156-2	37	27	10	24	55.11	cps
Erbium	164-1	225	233	183	214	12.53	cps
Erbium	164-2	33	70	30	44	49.94	cps
Gadolinium	160-1	108	150	208	156	32.29	cps
Gadolinium	160-2	17	27	20	21	24.12	cps
Holmium	165-1	17478284	17318176	17155531	17317330	0.93	cps
Holmium	165-2	3345480	3413320	3326359	3361720	1.36	cps
Indium	115-1	12135928	11836358	11735037	11902441	1.75	cps
Indium	115-2	445448	447972	435401	442940	1.50	cps
Iron	56-2	13668	13195	13490	13451	1.77	cps
Iron	57-2	306	328	250	294	13.61	cps
Krypton	83-1	333	307	340	327	5.40	cps
Lead	206-1	127242	126822	126339	126801	0.36	cps
Lead	207-1	108918	107316	107686	107973	0.78	cps
Lead	208-1	503841	502233	499836	501970	0.40	cps
Lithium	6-1	2006218	1970952	1960697	1979289	1.21	cps
Magnesium	24-2	289117	288284	287644	288348	0.26	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	483	453	507	481	5.56	cps
Molybdenum	94-1	17996	16803	16753	17184	4.10	cps
Molybdenum	95-1	24715	24757	24699	24723	0.12	cps
Molybdenum	96-1	27103	26685	27679	27156	1.84	cps
Molybdenum	97-1	15718	15935	16160	15938	1.39	cps
Molybdenum	98-1	39466	41105	40094	40222	2.06	cps
Neodymium	150-1	53	53	47	51	7.53	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	507	427	520	484	10.42	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	88193	87883	88964	88347	0.63	cps
Rhodium	103-1	10830581	10677688	10622219	10710163	1.01	cps
Rhodium	103-2	2788797	2802654	2757025	2782825	0.84	cps
Scandium	45-1	5782309	5702646	5606914	5697290	1.54	cps
Scandium	45-2	39923	40308	38479	39570	2.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	133	174	90	132	31.76	cps
Silicon	28-1	80514996	80038135	79507881	80020337	0.63	cps
Silver	109-1	142	75	150	122	33.64	cps
Silver	107-1	167	158	233	186	22.09	cps
Sodium	23-2	1477537	1491031	1470340	1479636	0.71	cps
Strontium	86-1	579718	578560	573641	577306	0.56	cps
Strontium	88-1	5059187	5035418	5089333	5061313	0.53	cps
Sulfur	34-1	656637	656525	659824	657662	0.28	cps
Terbium	159-1	17681501	17713581	17400147	17598410	0.98	cps
Terbium	159-2	3244066	3243412	3166261	3217913	1.39	cps
Thallium	203-1	608	767	742	706	12.06	cps
Thallium	205-1	1517	1834	1784	1711	9.95	cps
Tin	118-1	5193	5435	4851	5160	5.68	cps
Titanium	47-1	1175	1142	1092	1136	3.69	cps
Uranium	238-1	156837	154590	154633	155353	0.83	cps
Vanadium	51-2	747	803	883	811	8.47	cps
Yttrium	89-1	11663477	11623949	11552841	11613422	0.48	cps
Yttrium	89-2	311135	313753	308066	310985	0.92	cps
Zinc	66-2	20255	20492	20175	20307	0.81	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5469-02	Instrumnet Name :	P8
Client Sample ID :	381010180.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:01:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8236	7211	8478	7975	8.44	cps
Zirconium	91-1	1817	1600	1800	1739	6.93	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339861	339478	343127	340822	0.59	cps
Antimony	121-1	5785547	5829810	5808306	5807888	0.38	cps
Arsenic	75-1	1277116	1285930	1268072	1277039	0.70	cps
Barium	135-1	6225779	6217748	6242149	6228559	0.20	cps
Barium	137-1	11001427	11033291	11047707	11027475	0.21	cps
Beryllium	9-1	651236	655057	657351	654548	0.47	cps
Bismuth	209-1	10688073	10604536	10614002	10635537	0.43	cps
Bismuth	209-2	2505446	2477559	2491015	2491340	0.56	cps
Boron	10-1	74811	76655	78205	76557	2.22	cps
Boron	11-1	366084	380223	389361	378556	3.10	cps
Cadmium	111-1	1249257	1255792	1256611	1253887	0.32	cps
Cadmium	106-1	133345	137798	134792	135312	1.68	cps
Cadmium	108-1	89369	91021	90912	90434	1.02	cps
Calcium	43-1	5288288	5286405	5387130	5320608	1.08	cps
Calcium	44-1	86232329	87560006	87511223	87101186	0.86	cps
Chromium	52-2	454612	452097	455879	454196	0.42	cps
Cobalt	59-2	912057	917669	919801	916509	0.44	cps
Copper	63-2	1627775	1608633	1618733	1618380	0.59	cps
Dysprosium	156-1	125	150	117	131	13.29	cps
Dysprosium	156-2	17	23	7	16	53.90	cps
Erbium	164-1	100	67	67	78	24.75	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	50	92	142	94	48.60	cps
Gadolinium	160-2	3	17	20	13	66.16	cps
Holmium	165-1	15658220	15685612	15617061	15653631	0.22	cps
Holmium	165-2	3110019	3074510	3075086	3086538	0.66	cps
Indium	115-1	10400987	10291586	10309523	10334032	0.57	cps
Indium	115-2	397038	395071	395104	395738	0.28	cps
Iron	56-2	73396238	73193852	73763193	73451094	0.39	cps
Iron	57-2	1886237	1894980	1917501	1899573	0.85	cps
Krypton	83-1	360	320	433	371	15.49	cps
Lead	206-1	4602217	4578557	4583456	4588077	0.27	cps
Lead	207-1	4182594	4192229	4203559	4192794	0.25	cps
Lead	208-1	18809368	18873593	18843600	18842187	0.17	cps
Lithium	6-1	1777330	1763748	1767049	1769375	0.40	cps
Magnesium	24-2	7243477	7261877	7319667	7275007	0.55	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	242201	240362	244152	242238	0.78	cps
Molybdenum	94-1	9627751	9535794	9654920	9606155	0.65	cps
Molybdenum	95-1	11789409	11808594	11873882	11823961	0.37	cps
Molybdenum	96-1	13130122	13120828	13190884	13147278	0.29	cps
Molybdenum	97-1	7435732	7465981	7421577	7441097	0.30	cps
Molybdenum	98-1	19186716	19228151	19176561	19197143	0.14	cps
Neodymium	150-1	347	453	280	360	24.29	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	281840	282378	284417	282879	0.48	cps
Phosphorus	31-2	4192	3976	3892	4020	3.85	cps
Potassium	39-2	1849356	1856717	1886857	1864310	1.07	cps
Rhodium	103-1	9235379	9225950	9182950	9214760	0.30	cps
Rhodium	103-2	2451804	2452313	2422427	2442181	0.70	cps
Scandium	45-1	5261366	5195055	5290010	5248810	0.93	cps
Scandium	45-2	38205	37731	37126	37687	1.44	cps
Selenium	77-2	420	353	417	397	9.47	cps
Selenium	78-2	1150	1122	1298	1190	7.95	cps
Selenium	82-1	70820	71695	70969	71161	0.66	cps
Silicon	28-1	2267981	2290801	2292541	2283774	0.60	cps
Silver	109-1	5645101	5629558	5715603	5663421	0.81	cps
Silver	107-1	5959335	5921844	5947691	5942957	0.32	cps
Sodium	23-2	15920423	15950330	16268994	16046582	1.20	cps
Strontium	86-1	1450159	1460767	1461637	1457521	0.44	cps
Strontium	88-1	12504671	12576977	12476377	12519342	0.41	cps
Sulfur	34-1	609187	609826	608082	609032	0.14	cps
Terbium	159-1	15982613	15915472	15709770	15869285	0.90	cps
Terbium	159-2	2977124	2936767	2925690	2946527	0.92	cps
Thallium	203-1	5726544	5684272	5679892	5696903	0.45	cps
Thallium	205-1	13610912	13519212	13428063	13519396	0.68	cps
Tin	118-1	4036142	4053832	4072111	4054028	0.44	cps
Titanium	47-1	2665894	2670223	2675274	2670463	0.18	cps
Uranium	238-1	20253491	20414316	20414138	20360648	0.46	cps
Vanadium	51-2	306058	306253	307821	306711	0.31	cps
Yttrium	89-1	10613316	10484545	10492306	10530055	0.69	cps
Yttrium	89-2	289329	288777	291690	289932	0.53	cps
Zinc	66-2	148764	148349	151055	149390	0.98	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:04:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7990435	7962349	8000795	7984527	0.25	cps
Zirconium	91-1	1796697	1793058	1785481	1791745	0.32	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:20:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	5	3	10	108.99	cps
Antimony	121-1	1884	2200	2609	2231	16.30	cps
Arsenic	75-1	100	125	100	108	13.32	cps
Barium	135-1	50	50	25	42	34.64	cps
Barium	137-1	58	50	50	53	9.12	cps
Beryllium	9-1	133	144	200	159	22.43	cps
Bismuth	209-1	11345651	11375540	11205163	11308784	0.80	cps
Bismuth	209-2	2595412	2729983	2686008	2670468	2.57	cps
Boron	10-1	1050	1242	1025	1106	10.72	cps
Boron	11-1	5760	5243	5285	5429	5.29	cps
Cadmium	111-1	1540	1768	1788	1699	8.10	cps
Cadmium	106-1	2209	2534	2575	2439	8.23	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	317	233	367	306	22.04	cps
Calcium	44-1	9829	9921	9604	9784	1.67	cps
Chromium	52-2	387	380	310	359	11.83	cps
Cobalt	59-2	37	37	27	33	17.32	cps
Copper	63-2	293	257	273	274	6.69	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	7	23	10	13	66.12	cps
Holmium	165-1	15681847	15726075	15625375	15677766	0.32	cps
Holmium	165-2	2968925	3089137	3103032	3053698	2.41	cps
Indium	115-1	10931350	11022947	10968907	10974401	0.42	cps
Indium	115-2	402685	417499	415668	411951	1.96	cps
Iron	56-2	1189	1117	1228	1178	4.79	cps
Iron	57-2	33	22	39	31	26.96	cps
Krypton	83-1	350	367	393	370	5.91	cps
Lead	206-1	822	756	878	819	7.48	cps
Lead	207-1	778	728	678	728	6.87	cps
Lead	208-1	3317	3128	3411	3285	4.39	cps
Lithium	6-1	1881960	1858908	1899843	1880237	1.09	cps
Magnesium	24-2	375	292	292	319	15.06	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 15:20:33 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	30	17	21	36.45	cps
Molybdenum	94-1	1092	958	925	992	8.89	cps
Molybdenum	95-1	525	667	442	544	20.89	cps
Molybdenum	96-1	783	725	842	783	7.45	cps
Molybdenum	97-1	392	333	342	356	8.87	cps
Molybdenum	98-1	825	792	908	842	7.14	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	167	170	166	3.08	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	2067	2217	2067	2117	4.09	cps
Rhodium	103-1	10106025	10161524	10166932	10144827	0.33	cps
Rhodium	103-2	2532321	2645785	2621206	2599771	2.30	cps
Scandium	45-1	5410742	5397072	5406428	5404747	0.13	cps
Scandium	45-2	36240	37881	38235	37452	2.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	33	-31	-62	-20	-239.85	cps
Silicon	28-1	150802	153113	151931	151948	0.76	cps
Silver	109-1	92	133	83	103	26.06	cps
Silver	107-1	217	167	233	206	16.88	cps
Sodium	23-2	7386	7319	7377	7361	0.49	cps
Strontium	86-1	683	508	600	597	14.66	cps
Strontium	88-1	142	167	158	156	8.18	cps
Sulfur	34-1	321284	321354	320708	321115	0.11	cps
Terbium	159-1	15909284	15880476	15889903	15893221	0.09	cps
Terbium	159-2	2833594	2974510	2944969	2917691	2.55	cps
Thallium	203-1	533	717	600	617	15.05	cps
Thallium	205-1	1592	1617	1767	1659	5.71	cps
Tin	118-1	1208	1567	1283	1353	13.97	cps
Titanium	47-1	58	125	142	108	40.70	cps
Uranium	238-1	50	100	67	72	35.25	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	10867115	10888527	10848844	10868162	0.18	cps
Yttrium	89-2	282950	296170	293448	290856	2.40	cps
Zinc	66-2	177	143	140	153	13.22	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:20:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1775	1850	1825	1817	2.10	cps
Zirconium	91-1	425	433	275	378	23.59	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	120	90	93	26.96	cps
Antimony	121-1	775	1000	908	895	12.65	cps
Arsenic	75-1	217	233	267	239	10.66	cps
Barium	135-1	127611	129612	126449	127891	1.25	cps
Barium	137-1	226195	225409	223289	224964	0.67	cps
Beryllium	9-1	72	178	189	146	44.02	cps
Bismuth	209-1	12075660	12014173	11704393	11931409	1.67	cps
Bismuth	209-2	2787913	2824193	2726649	2779585	1.77	cps
Boron	10-1	2717	2584	2675	2659	2.57	cps
Boron	11-1	13841	13123	13849	13604	3.06	cps
Cadmium	111-1	1698	1594	1670	1654	3.24	cps
Cadmium	106-1	2375	2225	2342	2314	3.40	cps
Cadmium	108-1	21	25	4	17	66.13	cps
Calcium	43-1	564324	556152	554935	558470	0.91	cps
Calcium	44-1	9161581	9157767	9052321	9123890	0.68	cps
Chromium	52-2	1990	1960	1860	1937	3.51	cps
Cobalt	59-2	337	250	273	287	15.64	cps
Copper	63-2	12466	12846	12739	12684	1.55	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	67	42	69	42.14	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	108	108	125	114	8.45	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	16866046	16897149	16513583	16758926	1.27	cps
Holmium	165-2	3260258	3291138	3122021	3224472	2.79	cps
Indium	115-1	11579359	11731809	11492784	11601317	1.04	cps
Indium	115-2	431276	432348	414505	426043	2.35	cps
Iron	56-2	11944	12089	11928	11987	0.74	cps
Iron	57-2	294	361	306	320	11.15	cps
Krypton	83-1	363	410	363	379	7.11	cps
Lead	206-1	4707	5001	4857	4855	3.03	cps
Lead	207-1	3990	4045	3967	4001	1.00	cps
Lead	208-1	18762	19028	18728	18839	0.87	cps
Lithium	6-1	1942795	1979449	1947089	1956445	1.02	cps
Magnesium	24-2	341426	335388	335507	337440	1.02	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9750	9413	9473	9546	1.88	cps
Molybdenum	94-1	1058	850	825	911	14.06	cps
Molybdenum	95-1	600	567	800	656	19.25	cps
Molybdenum	96-1	850	842	717	803	9.30	cps
Molybdenum	97-1	508	350	575	478	24.19	cps
Molybdenum	98-1	992	1000	1000	997	0.48	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1457	1540	1583	1527	4.22	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	22235	21834	22644	22238	1.82	cps
Rhodium	103-1	10531050	10539414	10319163	10463209	1.19	cps
Rhodium	103-2	2691764	2674591	2612996	2659783	1.56	cps
Scandium	45-1	5663860	5697404	5558237	5639834	1.29	cps
Scandium	45-2	39007	38814	37764	38528	1.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	23	-53	-9	-13	-293.56	cps
Silicon	28-1	52636141	52008676	51639905	52094907	0.97	cps
Silver	109-1	442	292	308	347	23.68	cps
Silver	107-1	350	408	325	361	11.84	cps
Sodium	23-2	590396	589472	582178	587349	0.77	cps
Strontium	86-1	697217	691607	689217	692680	0.59	cps
Strontium	88-1	6161022	6130185	6081637	6124281	0.65	cps
Sulfur	34-1	391785	382676	377795	384085	1.85	cps
Terbium	159-1	16970383	17032637	16737336	16913452	0.92	cps
Terbium	159-2	3090112	3162547	2983670	3078776	2.92	cps
Thallium	203-1	575	558	517	550	5.46	cps
Thallium	205-1	1625	1850	1592	1689	8.32	cps
Tin	118-1	2825	2784	2784	2798	0.86	cps
Titanium	47-1	775	500	550	608	24.08	cps
Uranium	238-1	900	883	767	850	8.55	cps
Vanadium	51-2	177	177	213	189	11.21	cps
Yttrium	89-1	11434365	11436394	11281482	11384080	0.78	cps
Yttrium	89-2	304941	306164	291979	301028	2.61	cps
Zinc	66-2	2487	2647	2557	2564	3.13	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5470-01	Instrumnet Name :	P8
Client Sample ID :	381010177.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:25:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1742	1742	1550	1678	6.60	cps
Zirconium	91-1	317	367	333	339	7.51	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	120	113	111	9.11	cps
Antimony	121-1	5210	5326	5310	5282	1.19	cps
Arsenic	75-1	1100	1033	942	1025	7.76	cps
Barium	135-1	15760	15001	14784	15182	3.38	cps
Barium	137-1	27003	27004	27379	27129	0.80	cps
Beryllium	9-1	178	256	194	209	19.57	cps
Bismuth	209-1	11666664	12000353	11867843	11844953	1.42	cps
Bismuth	209-2	2850296	2815928	2789254	2818493	1.09	cps
Boron	10-1	12506	12172	13048	12575	3.52	cps
Boron	11-1	59532	62052	61951	61178	2.33	cps
Cadmium	111-1	2623	2652	2664	2646	0.80	cps
Cadmium	106-1	2650	2600	2659	2637	1.20	cps
Cadmium	108-1	100	133	133	122	15.75	cps
Calcium	43-1	1084183	1074316	1075162	1077887	0.51	cps
Calcium	44-1	17715267	17572129	17603693	17630363	0.43	cps
Chromium	52-2	967	1003	1020	997	2.74	cps
Cobalt	59-2	243	243	297	261	11.79	cps
Copper	63-2	241664	242396	240941	241667	0.30	cps
Dysprosium	156-1	242	225	150	206	23.75	cps
Dysprosium	156-2	47	53	47	49	7.86	cps
Erbium	164-1	567	483	383	478	19.21	cps
Erbium	164-2	67	77	60	68	12.38	cps
Gadolinium	160-1	208	342	350	300	26.50	cps
Gadolinium	160-2	67	57	83	69	19.56	cps
Holmium	165-1	16524878	16794883	16624185	16647982	0.82	cps
Holmium	165-2	3305366	3272448	3228392	3268735	1.18	cps
Indium	115-1	11478452	11627421	11425961	11510611	0.91	cps
Indium	115-2	436250	433095	430306	433217	0.69	cps
Iron	56-2	85025	86484	85533	85680	0.86	cps
Iron	57-2	2250	2028	2161	2147	5.21	cps
Krypton	83-1	337	363	327	342	5.54	cps
Lead	206-1	2390809	2390433	2421372	2400871	0.74	cps
Lead	207-1	2108589	2101000	2076436	2095342	0.80	cps
Lead	208-1	9683177	9655988	9679273	9672813	0.15	cps
Lithium	6-1	1887895	1934824	1890341	1904353	1.39	cps
Magnesium	24-2	489185	487180	487196	487854	0.24	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	740	870	780	797	8.36	cps
Molybdenum	94-1	2075	2017	1817	1970	6.88	cps
Molybdenum	95-1	2284	2217	2475	2325	5.77	cps
Molybdenum	96-1	2259	2450	2334	2348	4.12	cps
Molybdenum	97-1	1450	1458	1325	1411	5.29	cps
Molybdenum	98-1	3909	3934	3617	3820	4.61	cps
Neodymium	150-1	133	147	140	140	4.76	cps
Neodymium	150-2	17	23	10	17	39.99	cps
Nickel	60-2	3621	3571	3661	3617	1.25	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	20674	19790	19865	20110	2.44	cps
Rhodium	103-1	10262040	10316971	10304585	10294532	0.28	cps
Rhodium	103-2	2731620	2702443	2688342	2707468	0.82	cps
Scandium	45-1	5515471	5595058	5568111	5559547	0.73	cps
Scandium	45-2	39021	38643	38259	38641	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	16	1	44	20	106.71	cps
Silicon	28-1	57528016	57490530	57082758	57367101	0.43	cps
Silver	109-1	558	450	400	469	17.24	cps
Silver	107-1	483	450	500	478	5.33	cps
Sodium	23-2	910029	904568	904880	906492	0.34	cps
Strontium	86-1	361224	356805	361359	359796	0.72	cps
Strontium	88-1	3209530	3210060	3190537	3203376	0.35	cps
Sulfur	34-1	482757	482736	481112	482202	0.20	cps
Terbium	159-1	16777992	17100358	16885100	16921150	0.97	cps
Terbium	159-2	3204232	3141840	3094556	3146876	1.75	cps
Thallium	203-1	808	600	492	633	25.41	cps
Thallium	205-1	1717	1850	1809	1792	3.81	cps
Tin	118-1	30953	32173	31379	31502	1.97	cps
Titanium	47-1	792	492	533	606	26.84	cps
Uranium	238-1	39782	40274	39581	39879	0.90	cps
Vanadium	51-2	520	493	523	512	3.21	cps
Yttrium	89-1	11213424	11301284	11302562	11272423	0.45	cps
Yttrium	89-2	306590	303701	303191	304494	0.60	cps
Zinc	66-2	97735	97177	96057	96989	0.88	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-01	Instrumnet Name :	P8
Client Sample ID :	381010170.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:28:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2342	1884	1950	2059	12.03	cps
Zirconium	91-1	433	450	433	439	2.19	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	83	45	74	35.09	cps
Antimony	121-1	658	658	667	661	0.73	cps
Arsenic	75-1	750	767	933	817	12.41	cps
Barium	135-1	14592	15151	14892	14878	1.88	cps
Barium	137-1	26403	26169	25467	26013	1.87	cps
Beryllium	9-1	167	172	200	180	9.94	cps
Bismuth	209-1	11961321	11787480	11957269	11902023	0.83	cps
Bismuth	209-2	2789032	2753638	2719013	2753894	1.27	cps
Boron	10-1	11672	11447	12031	11716	2.51	cps
Boron	11-1	59432	59298	61265	59998	1.83	cps
Cadmium	111-1	2030	1529	1681	1747	14.70	cps
Cadmium	106-1	2709	2059	2284	2350	14.05	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1092863	1096938	1086057	1091952	0.50	cps
Calcium	44-1	18056400	17941946	17864610	17954319	0.54	cps
Chromium	52-2	697	590	563	617	11.44	cps
Cobalt	59-2	157	197	203	186	13.60	cps
Copper	63-2	93881	93169	93716	93589	0.40	cps
Dysprosium	156-1	208	100	100	136	45.96	cps
Dysprosium	156-2	33	43	40	39	13.09	cps
Erbium	164-1	325	375	358	353	7.22	cps
Erbium	164-2	67	57	90	71	24.05	cps
Gadolinium	160-1	258	258	183	233	18.56	cps
Gadolinium	160-2	43	67	43	51	26.37	cps
Holmium	165-1	16679634	16624501	16507085	16603740	0.53	cps
Holmium	165-2	3259172	3200999	3203003	3221058	1.03	cps
Indium	115-1	11442937	11396868	11494767	11444857	0.43	cps
Indium	115-2	430480	421799	421215	424498	1.22	cps
Iron	56-2	2550	2656	2623	2610	2.07	cps
Iron	57-2	72	83	89	81	10.42	cps
Krypton	83-1	340	333	353	342	2.98	cps
Lead	206-1	103877	102376	101256	102503	1.28	cps
Lead	207-1	82572	84167	82751	83164	1.05	cps
Lead	208-1	394099	392270	389860	392076	0.54	cps
Lithium	6-1	1901101	1915819	1946259	1921060	1.20	cps
Magnesium	24-2	478587	474065	466617	473090	1.28	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	690	677	757	708	6.06	cps
Molybdenum	94-1	2009	1525	1700	1745	14.03	cps
Molybdenum	95-1	2034	1950	1909	1964	3.24	cps
Molybdenum	96-1	2042	2109	1975	2042	3.27	cps
Molybdenum	97-1	1425	1342	1392	1386	3.03	cps
Molybdenum	98-1	3142	3542	3025	3237	8.37	cps
Neodymium	150-1	107	180	113	133	30.41	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	887	853	767	836	7.41	cps
Phosphorus	31-2	8	42	17	22	78.07	cps
Potassium	39-2	19982	18580	18930	19164	3.81	cps
Rhodium	103-1	10313848	10322626	10290803	10309093	0.16	cps
Rhodium	103-2	2717222	2652809	2621069	2663700	1.84	cps
Scandium	45-1	5553521	5488958	5531657	5524712	0.59	cps
Scandium	45-2	39125	37854	37363	38114	2.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	11	38	24	24	56.58	cps
Silicon	28-1	54826464	54573493	54269980	54556646	0.51	cps
Silver	109-1	208	200	225	211	6.03	cps
Silver	107-1	208	242	242	231	8.35	cps
Sodium	23-2	877235	873231	863643	871370	0.80	cps
Strontium	86-1	348717	342913	344770	345467	0.86	cps
Strontium	88-1	3094102	3057098	3076141	3075780	0.60	cps
Sulfur	34-1	465014	461010	464858	463627	0.49	cps
Terbium	159-1	16912616	16998707	17149301	17020208	0.70	cps
Terbium	159-2	3152046	3068229	3073152	3097809	1.52	cps
Thallium	203-1	558	425	392	458	19.24	cps
Thallium	205-1	1225	1250	1208	1228	1.71	cps
Tin	118-1	2517	2384	2484	2461	2.82	cps
Titanium	47-1	633	517	492	547	13.82	cps
Uranium	238-1	26212	24909	25502	25541	2.55	cps
Vanadium	51-2	390	373	363	376	3.59	cps
Yttrium	89-1	11198087	11245152	11308763	11250667	0.49	cps
Yttrium	89-2	301672	295722	295581	297658	1.17	cps
Zinc	66-2	7796	7809	7772	7792	0.24	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5471-02	Instrumnet Name :	P8
Client Sample ID :	381010171	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:32:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1775	1700	1736	2.16	cps
Zirconium	91-1	342	392	350	361	7.42	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	88	68	83	17.06	cps
Antimony	121-1	625	667	592	628	5.99	cps
Arsenic	75-1	31237	29474	30034	30248	2.98	cps
Barium	135-1	43046	41424	43230	42567	2.33	cps
Barium	137-1	75256	76346	73563	75055	1.87	cps
Beryllium	9-1	133	172	150	152	12.85	cps
Bismuth	209-1	12061621	11609864	12211969	11961151	2.62	cps
Bismuth	209-2	2849142	2776232	2797333	2807569	1.34	cps
Boron	10-1	97018	100769	101817	99868	2.53	cps
Boron	11-1	487029	496449	511812	498430	2.51	cps
Cadmium	111-1	1846	1543	1854	1748	10.14	cps
Cadmium	106-1	2609	2184	2592	2461	9.78	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	2160970	2168300	2168334	2165868	0.20	cps
Calcium	44-1	34572767	34679149	34580653	34610856	0.17	cps
Chromium	52-2	1037	1117	1083	1079	3.72	cps
Cobalt	59-2	40	83	70	64	34.44	cps
Copper	63-2	8283	8263	7949	8165	2.29	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	100	25	92	72	56.92	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	150	58	100	103	44.65	cps
Gadolinium	160-2	20	3	0	8	137.80	cps
Holmium	165-1	16989687	16361004	17167437	16839376	2.52	cps
Holmium	165-2	3309252	3254434	3276379	3280021	0.84	cps
Indium	115-1	11582930	11250001	11597429	11476787	1.71	cps
Indium	115-2	430182	424778	423447	426136	0.84	cps
Iron	56-2	19169	18852	19208	19076	1.02	cps
Iron	57-2	594	556	533	561	5.51	cps
Krypton	83-1	393	347	390	377	6.91	cps
Lead	206-1	6302	6335	6029	6222	2.70	cps
Lead	207-1	5173	5151	5007	5110	1.77	cps
Lead	208-1	23793	24110	23659	23854	0.97	cps
Lithium	6-1	1885236	1828539	1921527	1878434	2.49	cps
Magnesium	24-2	780383	775412	770745	775513	0.62	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	357	400	358	11.65	cps
Molybdenum	94-1	15568	15777	16094	15813	1.67	cps
Molybdenum	95-1	25458	25124	26084	25555	1.91	cps
Molybdenum	96-1	27537	27320	27988	27615	1.23	cps
Molybdenum	97-1	16719	15968	15668	16119	3.36	cps
Molybdenum	98-1	41765	41882	41849	41832	0.14	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	767	663	719	7.25	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	16444	16761	16869	16691	1.32	cps
Rhodium	103-1	10392921	9904166	10379295	10225461	2.72	cps
Rhodium	103-2	2668351	2628061	2654472	2650295	0.77	cps
Scandium	45-1	5561497	5425507	5632732	5539912	1.90	cps
Scandium	45-2	38302	37687	38172	38054	0.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	0	9	5	94.35	cps
Selenium	82-1	39	163	46	83	84.64	cps
Silicon	28-1	48267317	48074620	48148521	48163486	0.20	cps
Silver	109-1	150	117	167	144	17.63	cps
Silver	107-1	200	183	158	181	11.62	cps
Sodium	23-2	2219350	2218469	2194842	2210887	0.63	cps
Strontium	86-1	7676238	7644126	7677601	7665988	0.25	cps
Strontium	88-1	67526535	66764264	67032874	67107891	0.58	cps
Sulfur	34-1	2411396	2414411	2415348	2413719	0.09	cps
Terbium	159-1	17291221	16625741	17441879	17119614	2.54	cps
Terbium	159-2	3168243	3075701	3123867	3122604	1.48	cps
Thallium	203-1	492	508	442	481	7.22	cps
Thallium	205-1	1267	1325	1050	1214	11.94	cps
Tin	118-1	3034	3659	2942	3212	12.15	cps
Titanium	47-1	742	475	525	581	24.42	cps
Uranium	238-1	66863	64190	65381	65478	2.05	cps
Vanadium	51-2	1843	1753	1787	1795	2.54	cps
Yttrium	89-1	11466999	10922701	11382718	11257473	2.60	cps
Yttrium	89-2	303658	300307	299331	301099	0.75	cps
Zinc	66-2	4454	4331	4371	4385	1.44	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-01	Instrumnet Name :	P8
Client Sample ID :	381010109.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:35:26	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2992	3000	2600	2864	7.98	cps
Zirconium	91-1	583	692	700	658	9.89	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	145	98	117	21.46	cps
Antimony	121-1	475	533	667	558	17.60	cps
Arsenic	75-1	5401	5443	5335	5393	1.01	cps
Barium	135-1	1067	1050	1100	1072	2.37	cps
Barium	137-1	1692	1759	1834	1761	4.03	cps
Beryllium	9-1	133	111	128	124	9.32	cps
Bismuth	209-1	11733820	11711169	11642489	11695826	0.41	cps
Bismuth	209-2	2671401	2696116	2723828	2697115	0.97	cps
Boron	10-1	99980	101709	100359	100682	0.90	cps
Boron	11-1	500939	505546	501963	502816	0.48	cps
Cadmium	111-1	1677	1561	1706	1648	4.67	cps
Cadmium	106-1	2425	2217	2450	2364	5.42	cps
Cadmium	108-1	29	29	38	32	15.05	cps
Calcium	43-1	25892	26167	25858	25972	0.65	cps
Calcium	44-1	436264	434172	426570	432335	1.18	cps
Chromium	52-2	667	633	587	629	6.39	cps
Cobalt	59-2	37	40	30	36	14.32	cps
Copper	63-2	11725	11675	11718	11706	0.23	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	42	142	75	76.98	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	83	117	83	40.00	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	16833299	16916413	16675432	16808381	0.73	cps
Holmium	165-2	3181280	3183572	3193370	3186074	0.20	cps
Indium	115-1	11437041	11381445	11275779	11364755	0.72	cps
Indium	115-2	416926	413496	411877	414100	0.62	cps
Iron	56-2	9948	10076	10160	10061	1.06	cps
Iron	57-2	272	194	200	222	19.53	cps
Krypton	83-1	393	350	297	347	13.97	cps
Lead	206-1	3006	3045	3062	3037	0.94	cps
Lead	207-1	2889	2589	2667	2715	5.74	cps
Lead	208-1	12158	12258	12442	12286	1.17	cps
Lithium	6-1	1897871	1899155	1858720	1885249	1.22	cps
Magnesium	24-2	7602	7511	7636	7583	0.85	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	123	100	112	10.43	cps
Molybdenum	94-1	11038	11414	10446	10966	4.45	cps
Molybdenum	95-1	17328	18455	16711	17498	5.05	cps
Molybdenum	96-1	19490	19890	18397	19259	4.01	cps
Molybdenum	97-1	11622	11330	10871	11275	3.36	cps
Molybdenum	98-1	29274	29174	28907	29118	0.65	cps
Neodymium	150-1	7	47	27	27	74.99	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	260	297	217	258	15.54	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4126	4343	4309	4259	2.74	cps
Rhodium	103-1	10267902	10207016	10000319	10158412	1.38	cps
Rhodium	103-2	2556370	2576901	2580111	2571127	0.50	cps
Scandium	45-1	5484669	5455757	5415081	5451836	0.64	cps
Scandium	45-2	37290	36638	37306	37078	1.03	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	44	104	192	113	65.85	cps
Silicon	28-1	43021924	42553167	41770550	42448547	1.49	cps
Silver	109-1	100	125	133	119	14.53	cps
Silver	107-1	217	192	125	178	26.65	cps
Sodium	23-2	12584734	12682960	12639865	12635853	0.39	cps
Strontium	86-1	89265	89115	88309	88896	0.58	cps
Strontium	88-1	779429	772251	762951	771544	1.07	cps
Sulfur	34-1	2533415	2524087	2458644	2505382	1.63	cps
Terbium	159-1	17085227	17110710	17008736	17068225	0.31	cps
Terbium	159-2	3031488	3048284	3055615	3045129	0.41	cps
Thallium	203-1	425	475	442	447	5.69	cps
Thallium	205-1	1125	1067	1058	1083	3.35	cps
Tin	118-1	1909	1742	1517	1722	11.41	cps
Titanium	47-1	625	617	650	631	2.75	cps
Uranium	238-1	767	675	575	672	14.26	cps
Vanadium	51-2	23	40	53	39	38.65	cps
Yttrium	89-1	11388334	11208832	10995672	11197613	1.76	cps
Yttrium	89-2	293139	291011	292583	292244	0.38	cps
Zinc	66-2	1643	1640	1677	1653	1.23	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5473-02	Instrumnet Name :	P8
Client Sample ID :	381010110	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:38:45	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2742	2809	2592	2714	4.09	cps
Zirconium	91-1	575	575	550	567	2.55	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	145	108	123	16.20	cps
Antimony	121-1	1075	933	950	986	7.85	cps
Arsenic	75-1	1192	1025	925	1047	12.87	cps
Barium	135-1	458823	457382	463798	460001	0.73	cps
Barium	137-1	809488	812844	816266	812866	0.42	cps
Beryllium	9-1	72	167	194	144	44.36	cps
Bismuth	209-1	12623112	12513079	12089537	12408576	2.27	cps
Bismuth	209-2	2925538	2871771	2899657	2898989	0.93	cps
Boron	10-1	6919	7144	6235	6766	7.00	cps
Boron	11-1	36447	33398	33273	34373	5.23	cps
Cadmium	111-1	1917	1824	1766	1836	4.14	cps
Cadmium	106-1	2609	2509	2417	2511	3.82	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Calcium	43-1	512156	510076	513818	512017	0.37	cps
Calcium	44-1	8403392	8407934	8512369	8441232	0.73	cps
Chromium	52-2	690	750	740	727	4.42	cps
Cobalt	59-2	133	113	150	132	13.88	cps
Copper	63-2	101681	102525	102722	102309	0.54	cps
Dysprosium	156-1	217	167	208	197	13.58	cps
Dysprosium	156-2	53	67	40	53	25.00	cps
Erbium	164-1	217	258	158	211	23.79	cps
Erbium	164-2	37	20	37	31	30.93	cps
Gadolinium	160-1	183	250	258	231	17.83	cps
Gadolinium	160-2	47	73	57	59	22.87	cps
Holmium	165-1	17585177	17431336	16675389	17230634	2.83	cps
Holmium	165-2	3391297	3342026	3317900	3350408	1.12	cps
Indium	115-1	12051560	11965159	11409552	11808757	2.95	cps
Indium	115-2	443151	439035	437179	439788	0.69	cps
Iron	56-2	25923	25364	27100	26129	3.39	cps
Iron	57-2	667	628	661	652	3.23	cps
Krypton	83-1	340	327	380	349	7.95	cps
Lead	206-1	16005	15899	15910	15938	0.36	cps
Lead	207-1	13552	13569	13207	13443	1.52	cps
Lead	208-1	63692	63141	61899	62911	1.46	cps
Lithium	6-1	1978840	1946077	1864895	1929937	3.04	cps
Magnesium	24-2	209185	205500	206877	207187	0.90	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	520	550	553	541	3.39	cps
Molybdenum	94-1	683	600	708	664	8.54	cps
Molybdenum	95-1	392	483	400	425	11.93	cps
Molybdenum	96-1	500	425	525	483	10.77	cps
Molybdenum	97-1	200	217	233	217	7.69	cps
Molybdenum	98-1	675	592	608	625	7.05	cps
Neodymium	150-1	213	293	320	276	20.15	cps
Neodymium	150-2	23	40	23	29	33.32	cps
Nickel	60-2	1107	1053	930	1030	8.80	cps
Phosphorus	31-2	33	33	33	33	0.02	cps
Potassium	39-2	18980	18129	17812	18307	3.30	cps
Rhodium	103-1	10910977	10818143	10385064	10704728	2.62	cps
Rhodium	103-2	2782938	2786339	2786657	2785311	0.07	cps
Scandium	45-1	5746533	5700799	5508473	5651935	2.24	cps
Scandium	45-2	39867	38860	39328	39352	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	23	19	-28	5	617.30	cps
Silicon	28-1	52944482	53075319	53138997	53052933	0.19	cps
Silver	109-1	167	100	158	142	25.64	cps
Silver	107-1	150	225	258	211	26.28	cps
Sodium	23-2	908456	890424	896410	898430	1.02	cps
Strontium	86-1	318859	318611	317872	318447	0.16	cps
Strontium	88-1	2849210	2860714	2859232	2856385	0.22	cps
Sulfur	34-1	385624	382865	381622	383370	0.53	cps
Terbium	159-1	17820667	17566108	16879471	17422082	2.79	cps
Terbium	159-2	3209461	3238358	3183057	3210292	0.86	cps
Thallium	203-1	483	392	492	456	12.18	cps
Thallium	205-1	1033	1142	1225	1133	8.48	cps
Tin	118-1	4917	3259	3034	3737	27.53	cps
Titanium	47-1	725	708	617	683	8.54	cps
Uranium	238-1	3826	3967	3717	3837	3.27	cps
Vanadium	51-2	143	150	177	157	11.26	cps
Yttrium	89-1	11847688	11702137	11237781	11595869	2.75	cps
Yttrium	89-2	310849	306883	308943	308892	0.64	cps
Zinc	66-2	5318	4944	5038	5100	3.81	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5475-01	Instrumnet Name :	P8
Client Sample ID :	381010105	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:42:06	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1133	1258	1283	1225	6.56	cps
Zirconium	91-1	400	292	233	308	27.44	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083	990	923	999	8.05	cps
Antimony	121-1	5410	5110	5485	5335	3.72	cps
Arsenic	75-1	1217	1225	1342	1261	5.54	cps
Barium	135-1	1044638	1034568	1036136	1038448	0.52	cps
Barium	137-1	1901797	1918602	1895711	1905370	0.62	cps
Beryllium	9-1	856	639	650	715	17.07	cps
Bismuth	209-1	12457745	12518909	12368886	12448513	0.61	cps
Bismuth	209-2	2858527	2848524	2847918	2851656	0.21	cps
Boron	10-1	3792	4134	3601	3842	7.03	cps
Boron	11-1	18655	19773	18062	18830	4.61	cps
Cadmium	111-1	2480	2407	2449	2445	1.50	cps
Cadmium	106-1	2884	2742	2767	2798	2.70	cps
Cadmium	108-1	50	54	42	49	13.09	cps
Calcium	43-1	450388	448456	443195	447346	0.83	cps
Calcium	44-1	7410116	7321217	7315313	7348882	0.72	cps
Chromium	52-2	400	363	360	374	5.93	cps
Cobalt	59-2	1117	1217	1260	1198	6.14	cps
Copper	63-2	493120	490468	487872	490487	0.53	cps
Dysprosium	156-1	42804	42294	42880	42659	0.75	cps
Dysprosium	156-2	10214	10481	10171	10289	1.63	cps
Erbium	164-1	64017	63991	63607	63872	0.36	cps
Erbium	164-2	11025	11482	11378	11295	2.12	cps
Gadolinium	160-1	51461	52155	52021	51879	0.71	cps
Gadolinium	160-2	13180	13003	12933	13039	0.98	cps
Holmium	165-1	17461895	17677485	17405598	17514993	0.82	cps
Holmium	165-2	3349345	3305764	3351116	3335408	0.77	cps
Indium	115-1	12005255	11968274	11836076	11936535	0.75	cps
Indium	115-2	440740	435447	437611	437933	0.61	cps
Iron	56-2	31698	30306	31230	31078	2.28	cps
Iron	57-2	878	811	761	817	7.17	cps
Krypton	83-1	407	437	470	438	7.24	cps
Lead	206-1	486953	486848	481743	485181	0.61	cps
Lead	207-1	408533	409435	402949	406972	0.86	cps
Lead	208-1	1912940	1911256	1897144	1907113	0.45	cps
Lithium	6-1	1961839	1959822	1964544	1962068	0.12	cps
Magnesium	24-2	214342	210848	212506	212565	0.82	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18235	18229	18392	18286	0.51	cps
Molybdenum	94-1	733	675	633	681	7.38	cps
Molybdenum	95-1	183	142	200	175	17.17	cps
Molybdenum	96-1	375	283	242	300	22.74	cps
Molybdenum	97-1	108	133	133	125	11.55	cps
Molybdenum	98-1	267	300	408	325	22.79	cps
Neodymium	150-1	38263	39206	39427	38965	1.59	cps
Neodymium	150-2	4721	4604	4584	4636	1.59	cps
Nickel	60-2	547	587	490	541	8.98	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	57150	55268	56063	56160	1.68	cps
Rhodium	103-1	10800618	10813439	10681245	10765101	0.68	cps
Rhodium	103-2	2797050	2790651	2780724	2789475	0.29	cps
Scandium	45-1	5785988	5809908	5722696	5772864	0.78	cps
Scandium	45-2	38934	39355	39910	39400	1.24	cps
Selenium	77-2	20	30	20	23	24.74	cps
Selenium	78-2	19	26	11	19	40.01	cps
Selenium	82-1	129	71	56	85	45.40	cps
Silicon	28-1	31350005	31309926	31361190	31340374	0.09	cps
Silver	109-1	2859	2842	2917	2873	1.37	cps
Silver	107-1	3017	3184	3092	3098	2.69	cps
Sodium	23-2	3615448	3592956	3609340	3605915	0.32	cps
Strontium	86-1	500126	499879	495610	498538	0.51	cps
Strontium	88-1	4466570	4415749	4351542	4411287	1.31	cps
Sulfur	34-1	334812	331660	335472	333981	0.61	cps
Terbium	159-1	17761652	17808636	17528756	17699681	0.85	cps
Terbium	159-2	3243717	3188329	3192381	3208143	0.96	cps
Thallium	203-1	658	625	575	619	6.77	cps
Thallium	205-1	1392	1425	1300	1372	4.72	cps
Tin	118-1	256428	259057	251466	255650	1.51	cps
Titanium	47-1	500	500	517	506	1.90	cps
Uranium	238-1	108	100	117	108	7.69	cps
Vanadium	51-2	20	7	17	14	48.02	cps
Yttrium	89-1	12665491	12827452	12519842	12670928	1.21	cps
Yttrium	89-2	335937	332391	335857	334728	0.60	cps
Zinc	66-2	4748	4461	4387	4532	4.20	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5484-01	Instrumnet Name :	P8
Client Sample ID :	381009234.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:45:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1775	1542	1508	1609	9.03	cps
Zirconium	91-1	242	367	342	317	20.89	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	60	64	25.94	cps
Antimony	121-1	1033	1050	975	1020	3.86	cps
Arsenic	75-1	13457	13399	13374	13410	0.32	cps
Barium	135-1	400503	403418	399818	401246	0.48	cps
Barium	137-1	716014	715244	713661	714973	0.17	cps
Beryllium	9-1	122	122	111	119	5.41	cps
Bismuth	209-1	12582220	12092781	11838219	12171073	3.11	cps
Bismuth	209-2	2879465	2854994	2893397	2875952	0.68	cps
Boron	10-1	89244	90879	92590	90904	1.84	cps
Boron	11-1	449124	457037	466716	457625	1.93	cps
Cadmium	111-1	1689	2005	1584	1760	12.44	cps
Cadmium	106-1	2392	2867	2259	2506	12.76	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	947500	951902	944696	948033	0.38	cps
Calcium	44-1	15570330	15548622	15446320	15521757	0.43	cps
Chromium	52-2	937	970	923	943	2.55	cps
Cobalt	59-2	70	67	40	59	27.92	cps
Copper	63-2	6262	6111	5935	6103	2.68	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	108	58	67	78	34.44	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	125	83	100	103	20.41	cps
Gadolinium	160-2	3	3	20	9	108.30	cps
Holmium	165-1	17626499	17181704	16371376	17059860	3.73	cps
Holmium	165-2	3368754	3289433	3363572	3340586	1.33	cps
Indium	115-1	12030357	11787710	11320103	11712723	3.08	cps
Indium	115-2	439192	433877	438031	437033	0.64	cps
Iron	56-2	3162	3050	2928	3047	3.83	cps
Iron	57-2	50	117	94	87	39.00	cps
Krypton	83-1	400	270	427	366	22.93	cps
Lead	206-1	1539	1556	1345	1480	7.93	cps
Lead	207-1	1378	1322	1167	1289	8.49	cps
Lead	208-1	6206	6106	5867	6060	2.87	cps
Lithium	6-1	1971212	1946505	1817227	1911648	4.33	cps
Magnesium	24-2	785410	776781	773844	778678	0.77	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	113	143	116	23.14	cps
Molybdenum	94-1	1725	1900	1775	1800	5.01	cps
Molybdenum	95-1	2400	2634	2175	2403	9.54	cps
Molybdenum	96-1	2675	2784	2392	2617	7.73	cps
Molybdenum	97-1	1500	1408	1408	1439	3.68	cps
Molybdenum	98-1	3609	3642	3817	3690	3.03	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	387	453	423	7.99	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	11872	11280	11413	11522	2.70	cps
Rhodium	103-1	10850307	10534689	10082555	10489184	3.68	cps
Rhodium	103-2	2719659	2742595	2776232	2746162	1.04	cps
Scandium	45-1	5818520	5647690	5411402	5625871	3.63	cps
Scandium	45-2	39582	38339	39118	39013	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	53	171	57	94	71.23	cps
Silicon	28-1	55267291	55322189	55027724	55205735	0.28	cps
Silver	109-1	100	167	108	125	29.06	cps
Silver	107-1	142	250	200	197	27.49	cps
Sodium	23-2	1025366	1008567	1015408	1016447	0.83	cps
Strontium	86-1	1048864	1047390	1045856	1047370	0.14	cps
Strontium	88-1	9176239	9134159	9096304	9135567	0.44	cps
Sulfur	34-1	606276	607561	601926	605254	0.49	cps
Terbium	159-1	17803072	17344618	16633683	17260458	3.41	cps
Terbium	159-2	3197664	3184560	3207816	3196680	0.36	cps
Thallium	203-1	400	400	392	397	1.21	cps
Thallium	205-1	917	1033	975	975	5.98	cps
Tin	118-1	1834	1600	1308	1581	16.64	cps
Titanium	47-1	608	600	608	606	0.79	cps
Uranium	238-1	193611	194330	194693	194212	0.28	cps
Vanadium	51-2	5378	5334	5318	5343	0.58	cps
Yttrium	89-1	11743663	11514347	11061047	11439686	3.04	cps
Yttrium	89-2	311028	306181	308383	308531	0.79	cps
Zinc	66-2	970	950	930	950	2.11	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5491-01	Instrumnet Name :	P8
Client Sample ID :	381008016	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 15:48:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1433	1117	1308	1286	12.40	cps
Zirconium	91-1	308	242	333	294	16.09	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355427	353536	357886	355616	0.61	cps
Antimony	121-1	6166863	6142113	6109831	6139602	0.47	cps
Arsenic	75-1	1338779	1331031	1335546	1335119	0.29	cps
Barium	135-1	6608586	6491570	6581258	6560471	0.93	cps
Barium	137-1	11645036	11602639	11659175	11635617	0.25	cps
Beryllium	9-1	691977	689857	688133	689989	0.28	cps
Bismuth	209-1	10061332	11032407	11017029	10703589	5.20	cps
Bismuth	209-2	2595630	2557826	2597303	2583586	0.86	cps
Boron	10-1	79503	79882	82094	80493	1.74	cps
Boron	11-1	388233	397639	402035	395969	1.78	cps
Cadmium	111-1	1326389	1317286	1318376	1320683	0.38	cps
Cadmium	106-1	141535	140980	142234	141583	0.44	cps
Cadmium	108-1	95238	94642	95493	95124	0.46	cps
Calcium	43-1	5599465	5569328	5604668	5591154	0.34	cps
Calcium	44-1	91580304	91215040	91224629	91339991	0.23	cps
Chromium	52-2	467379	469141	475014	470511	0.85	cps
Cobalt	59-2	948385	950127	959233	952582	0.61	cps
Copper	63-2	1681742	1695350	1679076	1685389	0.52	cps
Dysprosium	156-1	142	108	158	136	18.70	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	100	175	125	133	28.64	cps
Gadolinium	160-2	20	27	33	27	24.99	cps
Holmium	165-1	14732141	16322348	16257073	15770521	5.71	cps
Holmium	165-2	3186107	3159567	3205594	3183756	0.73	cps
Indium	115-1	9827837	10728074	10741464	10432458	5.02	cps
Indium	115-2	402124	406283	412442	406950	1.28	cps
Iron	56-2	75742329	76293329	76930310	76321990	0.78	cps
Iron	57-2	1982386	1961877	1984011	1976091	0.62	cps
Krypton	83-1	323	337	427	362	15.52	cps
Lead	206-1	4916703	4839135	4872763	4876200	0.80	cps
Lead	207-1	4431455	4405101	4420504	4419020	0.30	cps
Lead	208-1	20033734	19818620	19900500	19917618	0.55	cps
Lithium	6-1	1647150	1838470	1824602	1770074	6.03	cps
Magnesium	24-2	7631925	7577993	7594262	7601393	0.36	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	251568	250724	253316	251869	0.52	cps
Molybdenum	94-1	10092200	9970217	10187239	10083219	1.08	cps
Molybdenum	95-1	12425694	12462208	12518154	12468685	0.37	cps
Molybdenum	96-1	13899756	13835518	13836881	13857385	0.26	cps
Molybdenum	97-1	7864673	7807737	7856536	7842982	0.39	cps
Molybdenum	98-1	20142589	20265356	20123182	20177042	0.38	cps
Neodymium	150-1	307	413	453	391	19.39	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	294103	294122	296174	294800	0.40	cps
Phosphorus	31-2	4434	4242	4501	4393	3.06	cps
Potassium	39-2	1943022	1936810	1954655	1944829	0.47	cps
Rhodium	103-1	8657554	9537867	9589365	9261595	5.66	cps
Rhodium	103-2	2489054	2515338	2545532	2516641	1.12	cps
Scandium	45-1	4941268	5380793	5444570	5255544	5.21	cps
Scandium	45-2	38667	38463	38760	38630	0.39	cps
Selenium	77-2	400	353	333	362	9.44	cps
Selenium	78-2	1298	1202	1319	1273	4.90	cps
Selenium	82-1	75306	74917	74719	74980	0.40	cps
Silicon	28-1	2398343	2392514	2384472	2391776	0.29	cps
Silver	109-1	6017526	6019783	5961223	5999511	0.55	cps
Silver	107-1	6269052	6255898	6262026	6262325	0.11	cps
Sodium	23-2	16709974	16746415	16771550	16742646	0.18	cps
Strontium	86-1	1540723	1517434	1539508	1532555	0.86	cps
Strontium	88-1	13319643	13009764	13141320	13156909	1.18	cps
Sulfur	34-1	634319	633006	636260	634529	0.26	cps
Terbium	159-1	14941154	16488480	16424354	15951329	5.49	cps
Terbium	159-2	3049962	3032763	3045028	3042584	0.29	cps
Thallium	203-1	6002531	5996546	5991857	5996978	0.09	cps
Thallium	205-1	14303017	14287134	14181465	14257205	0.46	cps
Tin	118-1	4311288	4266592	4257929	4278603	0.67	cps
Titanium	47-1	2796000	2790899	2798844	2795248	0.14	cps
Uranium	238-1	21493816	21429028	21294716	21405853	0.47	cps
Vanadium	51-2	320743	318603	320707	320017	0.38	cps
Yttrium	89-1	9901918	10808302	10954643	10554954	5.40	cps
Yttrium	89-2	296210	298316	303292	299273	1.22	cps
Zinc	66-2	156537	155176	156123	155945	0.45	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:05:31	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8404322	8361411	8476709	8414147	0.69	cps
Zirconium	91-1	1901804	1882474	1893326	1892535	0.51	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:12:06	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3	15	13	10	66.14	cps
Antimony	121-1	4093	4284	4217	4198	2.32	cps
Arsenic	75-1	158	192	175	175	9.53	cps
Barium	135-1	67	8	33	36	81.06	cps
Barium	137-1	108	117	58	94	33.40	cps
Beryllium	9-1	194	244	233	224	11.72	cps
Bismuth	209-1	11576419	11747755	11850572	11724915	1.18	cps
Bismuth	209-2	2829661	2765378	2764818	2786619	1.34	cps
Boron	10-1	2167	2125	1884	2059	7.43	cps
Boron	11-1	10271	9971	9487	9909	3.99	cps
Cadmium	111-1	1746	1843	1808	1799	2.72	cps
Cadmium	106-1	2484	2625	2525	2545	2.86	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	317	483	408	403	20.73	cps
Calcium	44-1	10138	9554	9629	9773	3.25	cps
Chromium	52-2	333	317	337	329	3.26	cps
Cobalt	59-2	47	27	37	37	27.27	cps
Copper	63-2	307	247	260	271	11.62	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	42	75	53	36.46	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	17	75	108	67	69.60	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	16035770	16144544	16265561	16148625	0.71	cps
Holmium	165-2	3225546	3223597	3185985	3211710	0.69	cps
Indium	115-1	11163020	11275007	11318961	11252329	0.71	cps
Indium	115-2	432008	425979	432177	430055	0.82	cps
Iron	56-2	1728	1572	1628	1643	4.80	cps
Iron	57-2	50	61	33	48	29.04	cps
Krypton	83-1	353	403	360	372	7.29	cps
Lead	206-1	906	900	950	919	2.98	cps
Lead	207-1	861	778	678	772	11.89	cps
Lead	208-1	3795	3684	3550	3676	3.33	cps
Lithium	6-1	1899674	1920048	1909838	1909854	0.53	cps
Magnesium	24-2	225	392	275	297	28.78	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 16:12:06 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	23	17	27	45.07	cps
Molybdenum	94-1	1984	1834	1934	1917	3.99	cps
Molybdenum	95-1	1550	1367	1250	1389	10.89	cps
Molybdenum	96-1	1525	1675	1550	1584	5.08	cps
Molybdenum	97-1	800	983	908	897	10.27	cps
Molybdenum	98-1	2067	2134	2117	2106	1.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	137	147	151	11.32	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2359	2092	1984	2145	9.00	cps
Rhodium	103-1	10227962	10246025	10438568	10304185	1.13	cps
Rhodium	103-2	2727625	2708323	2752067	2729338	0.80	cps
Scandium	45-1	5347424	5430967	5491918	5423436	1.34	cps
Scandium	45-2	38817	39058	38165	38680	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	7	-40	30	-1	-3479.72	cps
Silicon	28-1	151432	148596	149548	149859	0.96	cps
Silver	109-1	192	200	217	203	6.28	cps
Silver	107-1	208	208	267	228	14.79	cps
Sodium	23-2	7928	8036	8219	8061	1.83	cps
Strontium	86-1	683	750	733	722	4.80	cps
Strontium	88-1	275	292	250	272	7.70	cps
Sulfur	34-1	319347	322563	323218	321709	0.64	cps
Terbium	159-1	16244198	16389229	16707602	16447010	1.44	cps
Terbium	159-2	3082019	3103934	3116700	3100884	0.57	cps
Thallium	203-1	1058	950	950	986	6.34	cps
Thallium	205-1	2684	2559	2542	2595	2.99	cps
Tin	118-1	1642	1709	1925	1759	8.43	cps
Titanium	47-1	158	67	133	119	39.67	cps
Uranium	238-1	167	167	167	167	0.00	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	10890779	10937268	11173789	11000612	1.38	cps
Yttrium	89-2	304876	302650	301953	303160	0.50	cps
Zinc	66-2	193	180	173	182	5.59	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:12:06	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2709	2709	2525	2648	4.00	cps
Zirconium	91-1	533	542	525	533	1.56	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : J5396-01 Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 16:15:28 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295	278	330	301	8.88	cps
Antimony	121-1	2192	2225	2125	2181	2.33	cps
Arsenic	75-1	167	225	192	194	15.05	cps
Barium	135-1	4534	4459	4718	4570	2.91	cps
Barium	137-1	8328	7986	7719	8011	3.81	cps
Beryllium	9-1	361	383	389	378	3.89	cps
Bismuth	209-1	12882096	12840108	12539644	12753949	1.46	cps
Bismuth	209-2	2946873	3002681	2939388	2962981	1.17	cps
Boron	10-1	2200	2392	2234	2275	4.50	cps
Boron	11-1	11530	11063	11255	11283	2.08	cps
Cadmium	111-1	2071	2161	1884	2038	6.94	cps
Cadmium	106-1	2634	2767	2459	2620	5.90	cps
Cadmium	108-1	21	25	42	29	37.81	cps
Calcium	43-1	202643	204487	201238	202789	0.80	cps
Calcium	44-1	3320140	3344153	3328050	3330781	0.37	cps
Chromium	52-2	1100	1067	1110	1092	2.08	cps
Cobalt	59-2	597	587	730	638	12.55	cps
Copper	63-2	13513	13363	13066	13314	1.71	cps
Dysprosium	156-1	367	533	458	453	18.44	cps
Dysprosium	156-2	67	70	80	72	9.61	cps
Erbium	164-1	442	425	467	444	4.72	cps
Erbium	164-2	90	37	63	63	42.10	cps
Gadolinium	160-1	408	483	467	453	8.70	cps
Gadolinium	160-2	117	120	147	128	12.87	cps
Holmium	165-1	17755407	17750977	17385628	17630671	1.20	cps
Holmium	165-2	3443923	3366861	3365831	3392205	1.32	cps
Indium	115-1	12320553	12296668	12035728	12217650	1.29	cps
Indium	115-2	455701	451031	443842	450191	1.33	cps
Iron	56-2	4579	4834	4473	4629	4.01	cps
Iron	57-2	117	94	139	117	19.05	cps
Krypton	83-1	347	340	463	383	18.09	cps
Lead	206-1	375987	372836	373823	374216	0.43	cps
Lead	207-1	323397	323484	322809	323230	0.11	cps
Lead	208-1	1501259	1494336	1494395	1496663	0.27	cps
Lithium	6-1	2075550	2077191	2031891	2061544	1.25	cps
Magnesium	24-2	41019	40835	41119	40991	0.35	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:15:28	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	430	333	347	370	14.16	cps
Molybdenum	94-1	1025	1167	1175	1122	7.51	cps
Molybdenum	95-1	642	633	692	656	4.81	cps
Molybdenum	96-1	792	683	900	792	13.68	cps
Molybdenum	97-1	450	408	558	472	16.40	cps
Molybdenum	98-1	1042	1175	967	1061	9.94	cps
Neodymium	150-1	740	713	700	718	2.84	cps
Neodymium	150-2	80	60	40	60	33.33	cps
Nickel	60-2	3000	2847	2864	2904	2.90	cps
Phosphorus	31-2	58	117	117	97	34.64	cps
Potassium	39-2	32271	30818	31085	31392	2.46	cps
Rhodium	103-1	11329426	11202939	10991610	11174659	1.53	cps
Rhodium	103-2	2871114	2842435	2842467	2852005	0.58	cps
Scandium	45-1	5963883	5940974	5799876	5901578	1.50	cps
Scandium	45-2	40709	40372	38810	39964	2.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	83	95	-29	50	137.35	cps
Silicon	28-1	16047923	15887415	15754977	15896772	0.92	cps
Silver	109-1	225	208	192	208	8.00	cps
Silver	107-1	267	208	242	239	12.25	cps
Sodium	23-2	345010	344352	340923	343428	0.64	cps
Strontium	86-1	105295	104900	106270	105489	0.67	cps
Strontium	88-1	909976	903317	904225	905839	0.40	cps
Sulfur	34-1	365539	362290	359933	362587	0.78	cps
Terbium	159-1	18208838	18066778	17595099	17956905	1.79	cps
Terbium	159-2	3287179	3250471	3208001	3248550	1.22	cps
Thallium	203-1	967	883	933	928	4.52	cps
Thallium	205-1	2317	2359	2309	2328	1.15	cps
Tin	118-1	11030	11405	10922	11119	2.28	cps
Titanium	47-1	558	508	733	600	19.69	cps
Uranium	238-1	4284	4151	4143	4193	1.90	cps
Vanadium	51-2	90	113	97	100	12.02	cps
Yttrium	89-1	11904581	11984601	11801501	11896895	0.77	cps
Yttrium	89-2	319070	314012	311800	314961	1.18	cps
Zinc	66-2	4337	4227	4371	4312	1.74	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:15:28	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2109	2075	1792	1992	8.74	cps
Zirconium	91-1	367	492	350	403	19.22	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3954	3982	3924	3953	0.73	cps
Antimony	121-1	1700	1742	1950	1797	7.45	cps
Arsenic	75-1	1075	933	917	975	8.92	cps
Barium	135-1	14851	15168	15084	15034	1.09	cps
Barium	137-1	25776	26135	26494	26135	1.37	cps
Beryllium	9-1	3762	3701	3651	3704	1.50	cps
Bismuth	209-1	13320230	12972734	13031473	13108146	1.42	cps
Bismuth	209-2	3154844	2993039	2763477	2970454	6.62	cps
Boron	10-1	2217	1909	2209	2111	8.32	cps
Boron	11-1	10788	10379	9870	10346	4.44	cps
Cadmium	111-1	8012	7974	7748	7912	1.81	cps
Cadmium	106-1	3359	3509	3442	3437	2.19	cps
Cadmium	108-1	588	542	554	561	4.22	cps
Calcium	43-1	215539	213773	216173	215162	0.58	cps
Calcium	44-1	3586893	3579986	3531153	3566010	0.85	cps
Chromium	52-2	1310	1260	1370	1313	4.19	cps
Cobalt	59-2	335265	333687	331506	333486	0.57	cps
Copper	63-2	2011092	1985039	1982630	1992921	0.79	cps
Dysprosium	156-1	38190	36736	37296	37408	1.96	cps
Dysprosium	156-2	7569	7762	7646	7659	1.27	cps
Erbium	164-1	29000	28465	28006	28490	1.75	cps
Erbium	164-2	5108	4981	4741	4943	3.77	cps
Gadolinium	160-1	39285	37447	38165	38299	2.42	cps
Gadolinium	160-2	9333	9454	9901	9563	3.13	cps
Holmium	165-1	18114727	17700840	17866738	17894102	1.16	cps
Holmium	165-2	3495531	3395139	3177747	3356139	4.84	cps
Indium	115-1	12594492	12245856	12296663	12379004	1.52	cps
Indium	115-2	461450	450449	417850	443250	5.12	cps
Iron	56-2	949371	944336	941848	945185	0.41	cps
Iron	57-2	23687	23810	23793	23763	0.28	cps
Krypton	83-1	327	383	447	386	15.57	cps
Lead	206-1	1337937	1322582	1316956	1325825	0.82	cps
Lead	207-1	1129277	1122849	1111326	1121151	0.81	cps
Lead	208-1	5370406	5347443	5272183	5330011	0.96	cps
Lithium	6-1	2105653	2060599	2072800	2079684	1.12	cps
Magnesium	24-2	56471	56991	56129	56530	0.77	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28309	27985	27825	28039	0.88	cps
Molybdenum	94-1	2275	2425	2334	2345	3.22	cps
Molybdenum	95-1	450	533	475	486	8.80	cps
Molybdenum	96-1	925	967	908	933	3.22	cps
Molybdenum	97-1	283	350	200	278	27.06	cps
Molybdenum	98-1	925	758	533	739	26.60	cps
Neodymium	150-1	48069	49132	47848	48350	1.42	cps
Neodymium	150-2	5761	5825	5708	5765	1.01	cps
Nickel	60-2	88341	87979	87566	87962	0.44	cps
Phosphorus	31-2	217	250	183	217	15.38	cps
Potassium	39-2	33549	32447	32898	32964	1.68	cps
Rhodium	103-1	11320535	10998010	11168686	11162410	1.45	cps
Rhodium	103-2	2864217	2831619	2608430	2768088	5.03	cps
Scandium	45-1	6006398	5827584	5891302	5908428	1.53	cps
Scandium	45-2	41678	40749	36618	39682	6.79	cps
Selenium	77-2	20	13	43	26	61.64	cps
Selenium	78-2	19	15	15	16	13.35	cps
Selenium	82-1	191	71	31	98	85.08	cps
Silicon	28-1	18518894	19859193	18240140	18872742	4.59	cps
Silver	109-1	342	350	450	381	15.84	cps
Silver	107-1	425	442	508	458	9.62	cps
Sodium	23-2	345283	342498	344999	344260	0.45	cps
Strontium	86-1	105951	105791	105556	105766	0.19	cps
Strontium	88-1	915721	904374	902366	907487	0.79	cps
Sulfur	34-1	346065	346344	344121	345510	0.35	cps
Terbium	159-1	18420546	18035721	18184238	18213502	1.07	cps
Terbium	159-2	3313429	3252399	2988910	3184913	5.42	cps
Thallium	203-1	3634	3992	4168	3931	6.92	cps
Thallium	205-1	9554	9287	9829	9557	2.84	cps
Tin	118-1	20684	22068	20750	21167	3.69	cps
Titanium	47-1	8853	11991	9212	10019	17.14	cps
Uranium	238-1	49098	49675	47801	48858	1.97	cps
Vanadium	51-2	310	310	287	302	4.46	cps
Yttrium	89-1	12487861	12217701	12278971	12328178	1.15	cps
Yttrium	89-2	332127	320008	299060	317065	5.28	cps
Zinc	66-2	321750	317975	317388	319038	0.74	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:18:49	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5777	7099	5676	6184	12.84	cps
Zirconium	91-1	1250	1442	1400	1364	7.39	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : J5396-03 Instrumnet Name : P8
 Client Sample ID : 381003739-PBCU36B Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 16:22:08 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198	180	215	198	8.86	cps
Antimony	121-1	1483	1775	1500	1586	10.33	cps
Arsenic	75-1	283	308	292	294	4.32	cps
Barium	135-1	4718	4935	4968	4873	2.79	cps
Barium	137-1	8578	8695	8753	8675	1.03	cps
Beryllium	9-1	311	400	472	394	20.46	cps
Bismuth	209-1	12934613	12471206	12995304	12800374	2.24	cps
Bismuth	209-2	2950312	2887288	2962215	2933272	1.37	cps
Boron	10-1	2034	1825	1967	1942	5.48	cps
Boron	11-1	9662	9537	9420	9540	1.27	cps
Cadmium	111-1	2018	1879	2142	2013	6.53	cps
Cadmium	106-1	2600	2517	2800	2639	5.52	cps
Cadmium	108-1	21	58	38	39	48.32	cps
Calcium	43-1	179249	181618	178884	179917	0.82	cps
Calcium	44-1	3031344	2987079	2940698	2986374	1.52	cps
Chromium	52-2	1170	1020	1097	1096	6.85	cps
Cobalt	59-2	320	313	317	317	1.05	cps
Copper	63-2	56267	56521	56357	56382	0.23	cps
Dysprosium	156-1	417	383	283	361	19.22	cps
Dysprosium	156-2	67	87	57	70	21.82	cps
Erbium	164-1	275	167	258	233	25.00	cps
Erbium	164-2	67	37	40	48	34.42	cps
Gadolinium	160-1	325	292	450	356	23.48	cps
Gadolinium	160-2	77	67	53	66	17.86	cps
Holmium	165-1	17860416	17067086	17818103	17581868	2.54	cps
Holmium	165-2	3397885	3390699	3375099	3387894	0.34	cps
Indium	115-1	12307936	11638733	12092396	12013022	2.84	cps
Indium	115-2	447145	446413	449536	447698	0.36	cps
Iron	56-2	5963	5629	5679	5757	3.12	cps
Iron	57-2	117	172	172	154	20.87	cps
Krypton	83-1	427	337	410	391	12.24	cps
Lead	206-1	656517	654854	653010	654794	0.27	cps
Lead	207-1	517323	517941	518844	518036	0.15	cps
Lead	208-1	2483938	2475091	2472025	2477018	0.25	cps
Lithium	6-1	2074428	1967631	2027279	2023113	2.65	cps
Magnesium	24-2	36866	36155	36197	36406	1.10	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:22:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337	413	390	380	10.34	cps
Molybdenum	94-1	900	767	825	831	8.05	cps
Molybdenum	95-1	467	367	358	397	15.18	cps
Molybdenum	96-1	525	608	517	550	9.22	cps
Molybdenum	97-1	242	258	300	267	11.27	cps
Molybdenum	98-1	642	600	642	628	3.83	cps
Neodymium	150-1	387	387	467	413	11.17	cps
Neodymium	150-2	30	77	40	49	50.26	cps
Nickel	60-2	10151	10201	9997	10116	1.05	cps
Phosphorus	31-2	175	133	167	158	13.93	cps
Potassium	39-2	30993	30125	30960	30693	1.60	cps
Rhodium	103-1	11128684	10648873	10970260	10915939	2.24	cps
Rhodium	103-2	2843579	2795535	2846811	2828642	1.02	cps
Scandium	45-1	5869982	5552978	5807400	5743453	2.92	cps
Scandium	45-2	39933	39733	39422	39696	0.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	-33	62	-8	7	678.98	cps
Silicon	28-1	15302921	15298710	15285075	15295569	0.06	cps
Silver	109-1	150	133	192	158	18.98	cps
Silver	107-1	192	117	208	172	28.35	cps
Sodium	23-2	337704	334166	335927	335932	0.53	cps
Strontium	86-1	86825	87186	87933	87315	0.65	cps
Strontium	88-1	746010	753801	743262	747691	0.73	cps
Sulfur	34-1	344321	343474	344584	344126	0.17	cps
Terbium	159-1	17913397	17126960	17797799	17612719	2.41	cps
Terbium	159-2	3230342	3242748	3246223	3239771	0.26	cps
Thallium	203-1	767	742	642	717	9.23	cps
Thallium	205-1	1742	1767	1575	1695	6.15	cps
Tin	118-1	26461	26586	26786	26611	0.62	cps
Titanium	47-1	558	442	483	494	11.96	cps
Uranium	238-1	3101	2950	3217	3089	4.33	cps
Vanadium	51-2	53	73	100	76	30.99	cps
Yttrium	89-1	12043161	11459745	11923175	11808694	2.61	cps
Yttrium	89-2	313475	309406	313203	312028	0.73	cps
Zinc	66-2	53573	52302	52526	52800	1.29	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:22:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1542	1567	1459	1522	3.73	cps
Zirconium	91-1	350	408	408	389	8.66	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870	785	865	840	5.68	cps
Antimony	121-1	3527	3376	3101	3334	6.48	cps
Arsenic	75-1	458	367	458	428	12.37	cps
Barium	135-1	82725	83329	83782	83279	0.64	cps
Barium	137-1	147741	149300	146814	147952	0.85	cps
Beryllium	9-1	522	611	544	559	8.27	cps
Bismuth	209-1	13295698	12335960	12769535	12800398	3.75	cps
Bismuth	209-2	2924909	3034286	3002098	2987098	1.88	cps
Boron	10-1	1558	1859	1692	1703	8.83	cps
Boron	11-1	8236	8978	8495	8570	4.40	cps
Cadmium	111-1	4473	4419	4380	4424	1.06	cps
Cadmium	106-1	3034	2850	3000	2962	3.30	cps
Cadmium	108-1	150	188	208	182	16.25	cps
Calcium	43-1	67413	65629	64943	65995	1.93	cps
Calcium	44-1	1084171	1083090	1072901	1080054	0.58	cps
Chromium	52-2	670	593	557	607	9.53	cps
Cobalt	59-2	37547	37741	36585	37291	1.66	cps
Copper	63-2	160433	160740	162244	161139	0.60	cps
Dysprosium	156-1	5693	5776	5601	5690	1.54	cps
Dysprosium	156-2	1123	1187	1180	1163	2.99	cps
Erbium	164-1	3851	3842	3742	3812	1.58	cps
Erbium	164-2	680	763	677	707	6.95	cps
Gadolinium	160-1	5568	5468	5827	5621	3.29	cps
Gadolinium	160-2	1457	1347	1367	1390	4.22	cps
Holmium	165-1	18010556	16973254	17554226	17512679	2.97	cps
Holmium	165-2	3441742	3396025	3385252	3407673	0.88	cps
Indium	115-1	12454798	11581826	12120473	12052365	3.65	cps
Indium	115-2	451673	448767	443482	447974	0.93	cps
Iron	56-2	127288	125577	125146	126003	0.90	cps
Iron	57-2	3367	3284	3351	3334	1.32	cps
Krypton	83-1	423	357	377	386	8.87	cps
Lead	206-1	114786	115975	116933	115898	0.93	cps
Lead	207-1	100085	100674	99577	100112	0.55	cps
Lead	208-1	463021	463412	462996	463143	0.05	cps
Lithium	6-1	2087070	1963123	2042691	2030961	3.09	cps
Magnesium	24-2	36974	36481	37868	37108	1.89	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3987	3834	4141	3987	3.85	cps
Molybdenum	94-1	667	500	733	633	18.98	cps
Molybdenum	95-1	225	383	325	311	25.74	cps
Molybdenum	96-1	317	417	392	375	13.88	cps
Molybdenum	97-1	333	183	167	228	40.30	cps
Molybdenum	98-1	458	433	517	469	9.11	cps
Neodymium	150-1	7156	7169	7022	7116	1.14	cps
Neodymium	150-2	977	860	887	908	6.73	cps
Nickel	60-2	24362	24615	24826	24601	0.94	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	18855	18563	18847	18755	0.89	cps
Rhodium	103-1	11300115	10604694	10995766	10966859	3.18	cps
Rhodium	103-2	2844607	2825633	2816501	2828914	0.51	cps
Scandium	45-1	5949176	5592918	5765989	5769361	3.09	cps
Scandium	45-2	39198	39579	39910	39563	0.90	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	3	91	5	33	153.80	cps
Silicon	28-1	15195601	15163312	15041434	15133449	0.54	cps
Silver	109-1	10138	10897	10046	10360	4.51	cps
Silver	107-1	10696	10796	9295	10263	8.18	cps
Sodium	23-2	354091	351314	352282	352563	0.40	cps
Strontium	86-1	92295	91472	91732	91833	0.46	cps
Strontium	88-1	797926	797602	796252	797260	0.11	cps
Sulfur	34-1	367360	372159	365237	368252	0.96	cps
Terbium	159-1	18331485	17055408	17701765	17696219	3.61	cps
Terbium	159-2	3289237	3240145	3233086	3254156	0.94	cps
Thallium	203-1	4609	4760	4726	4698	1.68	cps
Thallium	205-1	10788	10463	10964	10738	2.37	cps
Tin	118-1	64622	64380	68594	65865	3.59	cps
Titanium	47-1	267	283	242	264	7.95	cps
Uranium	238-1	36062	35008	34022	35031	2.91	cps
Vanadium	51-2	223	253	323	267	19.24	cps
Yttrium	89-1	12095647	11326869	11744160	11722225	3.28	cps
Yttrium	89-2	313940	312354	309802	312032	0.67	cps
Zinc	66-2	190633	189482	188423	189513	0.58	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:25:29	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	1233	1133	1125	10.02	cps
Zirconium	91-1	242	225	317	261	18.70	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	145	145	143	2.01	cps
Antimony	121-1	692	692	658	681	2.83	cps
Arsenic	75-1	158	242	258	219	24.42	cps
Barium	135-1	112189	113996	111895	112693	1.01	cps
Barium	137-1	202230	199532	198852	200205	0.89	cps
Beryllium	9-1	833	761	656	750	11.92	cps
Bismuth	209-1	12114381	12971995	12582382	12556253	3.42	cps
Bismuth	209-2	3028282	3000151	2933431	2987288	1.63	cps
Boron	10-1	1383	1717	1475	1525	11.29	cps
Boron	11-1	8420	8586	8211	8406	2.24	cps
Cadmium	111-1	2728	2662	2729	2706	1.43	cps
Cadmium	106-1	2409	2617	2634	2553	4.91	cps
Cadmium	108-1	42	71	63	58	25.75	cps
Calcium	43-1	81319	83013	82768	82366	1.11	cps
Calcium	44-1	1405001	1396607	1400749	1400786	0.30	cps
Chromium	52-2	1350	1323	1443	1372	4.59	cps
Cobalt	59-2	36518	36475	35723	36238	1.23	cps
Copper	63-2	346044	348025	345931	346667	0.34	cps
Dysprosium	156-1	1925	1975	2017	1972	2.33	cps
Dysprosium	156-2	407	467	493	456	9.74	cps
Erbium	164-1	1592	1575	1809	1659	7.85	cps
Erbium	164-2	330	323	337	330	2.02	cps
Gadolinium	160-1	2092	2342	1925	2120	9.90	cps
Gadolinium	160-2	453	517	563	511	10.80	cps
Holmium	165-1	16775283	17711429	17613146	17366619	2.96	cps
Holmium	165-2	3386846	3397741	3366230	3383606	0.47	cps
Indium	115-1	11689645	12180701	12152266	12007538	2.30	cps
Indium	115-2	452002	452057	445047	449702	0.90	cps
Iron	56-2	102121	101629	101109	101620	0.50	cps
Iron	57-2	2356	2556	2611	2508	5.36	cps
Krypton	83-1	333	367	357	352	4.86	cps
Lead	206-1	121728	121268	122446	121814	0.49	cps
Lead	207-1	102942	102426	102869	102746	0.27	cps
Lead	208-1	480976	478194	478815	479328	0.30	cps
Lithium	6-1	1950209	2069168	2047938	2022438	3.14	cps
Magnesium	24-2	41721	41696	41670	41696	0.06	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4331	4331	4487	4383	2.06	cps
Molybdenum	94-1	508	492	600	533	10.94	cps
Molybdenum	95-1	308	192	167	222	34.03	cps
Molybdenum	96-1	333	242	267	281	16.89	cps
Molybdenum	97-1	158	142	217	172	22.87	cps
Molybdenum	98-1	333	317	350	333	5.00	cps
Neodymium	150-1	2587	2834	2647	2689	4.78	cps
Neodymium	150-2	363	387	293	348	13.97	cps
Nickel	60-2	13724	13757	13507	13662	0.99	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	22001	22135	22210	22115	0.48	cps
Rhodium	103-1	10620224	11087970	11029751	10912648	2.34	cps
Rhodium	103-2	2850858	2853263	2786953	2830358	1.33	cps
Scandium	45-1	5542485	5830970	5802843	5725433	2.78	cps
Scandium	45-2	39934	38520	39509	39321	1.85	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	64	22	37	41	51.66	cps
Silicon	28-1	15461178	15466351	15429591	15452373	0.13	cps
Silver	109-1	342	467	242	350	32.21	cps
Silver	107-1	467	450	450	456	2.11	cps
Sodium	23-2	326127	323246	324798	324723	0.44	cps
Strontium	86-1	142091	143186	142089	142456	0.44	cps
Strontium	88-1	1252818	1239765	1228201	1240261	0.99	cps
Sulfur	34-1	322008	320458	321304	321257	0.24	cps
Terbium	159-1	17191205	17937933	17662874	17597337	2.15	cps
Terbium	159-2	3275197	3240145	3228795	3248045	0.74	cps
Thallium	203-1	3000	3084	3059	3048	1.40	cps
Thallium	205-1	6635	6510	6977	6708	3.60	cps
Tin	118-1	2525	2559	5196	3427	44.72	cps
Titanium	47-1	167	242	350	253	36.47	cps
Uranium	238-1	24425	24375	24692	24497	0.70	cps
Vanadium	51-2	20	23	27	23	14.29	cps
Yttrium	89-1	11327093	11855898	11727234	11636742	2.37	cps
Yttrium	89-2	315222	313298	309209	312577	0.98	cps
Zinc	66-2	19481	19284	18793	19186	1.85	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 16:28:50	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	1326	817	1009	27.42	cps
Zirconium	91-1	208	267	242	239	12.25	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361944	363339	345211	356831	2.83	cps
Antimony	121-1	6141007	6120673	6124855	6128845	0.18	cps
Arsenic	75-1	1341594	1343008	1366403	1350335	1.03	cps
Barium	135-1	6550770	6547579	6616512	6571620	0.59	cps
Barium	137-1	11580457	11710753	11714445	11668552	0.65	cps
Beryllium	9-1	704389	710782	712400	709190	0.60	cps
Bismuth	209-1	11249656	10675004	11002702	10975788	2.63	cps
Bismuth	209-2	2603732	2539045	2689646	2610808	2.89	cps
Boron	10-1	77643	81045	83392	80693	3.58	cps
Boron	11-1	387848	403866	410978	400897	2.96	cps
Cadmium	111-1	1324196	1325469	1330310	1326658	0.24	cps
Cadmium	106-1	142665	142217	143574	142819	0.48	cps
Cadmium	108-1	95162	96312	94830	95435	0.82	cps
Calcium	43-1	5684394	5656603	5702468	5681155	0.41	cps
Calcium	44-1	92713867	92347587	93677317	92912924	0.74	cps
Chromium	52-2	478859	479073	453779	470570	3.09	cps
Cobalt	59-2	965252	966227	919420	950299	2.81	cps
Copper	63-2	1714214	1686887	1621589	1674230	2.84	cps
Dysprosium	156-1	125	83	100	103	20.41	cps
Dysprosium	156-2	13	20	3	12	68.66	cps
Erbium	164-1	50	108	67	75	40.06	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	142	83	158	128	30.82	cps
Gadolinium	160-2	30	20	20	23	24.74	cps
Holmium	165-1	16396787	15747960	16465785	16203511	2.44	cps
Holmium	165-2	3240693	3168214	3415512	3274806	3.88	cps
Indium	115-1	10817419	10505730	10682537	10668562	1.47	cps
Indium	115-2	414613	406697	436889	419400	3.73	cps
Iron	56-2	77615730	77573668	73621168	76270189	3.01	cps
Iron	57-2	2001224	2021710	1879824	1967586	3.90	cps
Krypton	83-1	343	357	350	350	1.91	cps
Lead	206-1	4882195	4836988	4848886	4856023	0.48	cps
Lead	207-1	4419943	4355917	4392776	4389546	0.73	cps
Lead	208-1	19866286	19710473	19827069	19801276	0.41	cps
Lithium	6-1	1894570	1801686	1889446	1861900	2.80	cps
Magnesium	24-2	7722077	7753813	7366388	7614093	2.83	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	254653	256732	243523	251636	2.82	cps
Molybdenum	94-1	10126443	10159248	10290808	10192166	0.85	cps
Molybdenum	95-1	12622583	12540895	12658712	12607396	0.48	cps
Molybdenum	96-1	13826738	13901801	13943540	13890693	0.43	cps
Molybdenum	97-1	7813944	7909474	7902491	7875303	0.68	cps
Molybdenum	98-1	20245334	20362900	20388968	20332401	0.38	cps
Neodymium	150-1	420	320	447	396	16.88	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	296687	299703	282474	292955	3.14	cps
Phosphorus	31-2	4401	4318	4359	4359	0.96	cps
Potassium	39-2	1957736	1959693	1876808	1931412	2.45	cps
Rhodium	103-1	9701512	9389140	9670950	9587201	1.80	cps
Rhodium	103-2	2545828	2467802	2695091	2569573	4.49	cps
Scandium	45-1	5504794	5376587	5522995	5468125	1.46	cps
Scandium	45-2	39857	39836	41502	40398	2.37	cps
Selenium	77-2	370	407	363	380	6.14	cps
Selenium	78-2	1232	1246	1176	1218	3.05	cps
Selenium	82-1	75029	75602	75727	75453	0.49	cps
Silicon	28-1	2381527	2406377	2428831	2405578	0.98	cps
Silver	109-1	5995578	6079355	6055381	6043438	0.71	cps
Silver	107-1	6260111	6322497	6380461	6321023	0.95	cps
Sodium	23-2	16952762	17056797	16144266	16717942	2.99	cps
Strontium	86-1	1578958	1547602	1550889	1559150	1.11	cps
Strontium	88-1	13250551	13282749	13337214	13290171	0.33	cps
Sulfur	34-1	639269	640673	640761	640234	0.13	cps
Terbium	159-1	16569944	15962962	16457262	16330056	1.98	cps
Terbium	159-2	3053317	2998691	3230864	3094291	3.92	cps
Thallium	203-1	6044619	5988165	6015693	6016159	0.47	cps
Thallium	205-1	14220129	14189716	14224931	14211592	0.13	cps
Tin	118-1	4261870	4261634	4279966	4267823	0.25	cps
Titanium	47-1	2858206	2856024	2877195	2863808	0.41	cps
Uranium	238-1	21211607	21416221	21337926	21321918	0.48	cps
Vanadium	51-2	325562	323840	308812	319405	2.88	cps
Yttrium	89-1	11104592	10703262	10976045	10927966	1.88	cps
Yttrium	89-2	303152	299622	322110	308295	3.92	cps
Zinc	66-2	157276	157799	149767	154947	2.90	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:00:54	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8466845	8509241	8480766	8485617	0.25	cps
Zirconium	91-1	1920190	1901282	1919335	1913602	0.56	cps

LB Number : LB98671 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-16 17:04:03 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	15	15	15	0.00	cps
Antimony	121-1	14208	12314	12290	12937	8.51	cps
Arsenic	75-1	408	358	300	356	15.25	cps
Barium	135-1	208	192	275	225	19.60	cps
Barium	137-1	317	392	242	317	23.68	cps
Beryllium	9-1	444	528	344	439	20.92	cps
Bismuth	209-1	11610811	12114669	12255250	11993577	2.83	cps
Bismuth	209-2	2819962	2913076	2742737	2825258	3.02	cps
Boron	10-1	3025	2384	2425	2611	13.75	cps
Boron	11-1	14416	13332	12005	13251	9.11	cps
Cadmium	111-1	1772	1646	1847	1755	5.76	cps
Cadmium	106-1	2459	2317	2575	2450	5.28	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	567	533	558	553	3.14	cps
Calcium	44-1	13249	11464	11989	12234	7.50	cps
Chromium	52-2	340	340	303	328	6.46	cps
Cobalt	59-2	67	87	80	78	13.09	cps
Copper	63-2	363	360	350	358	1.94	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	75	75	33	61	39.36	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	117	67	92	92	27.27	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	16470759	16823309	16809357	16701142	1.20	cps
Holmium	165-2	3256792	3379317	3139925	3258678	3.67	cps
Indium	115-1	11534921	11820857	11680589	11678789	1.22	cps
Indium	115-2	445152	447733	424300	439062	2.93	cps
Iron	56-2	3150	2734	2656	2847	9.34	cps
Iron	57-2	39	50	50	46	13.85	cps
Krypton	83-1	357	380	397	378	5.32	cps
Lead	206-1	1100	1061	1072	1078	1.86	cps
Lead	207-1	1083	1061	1156	1100	4.49	cps
Lead	208-1	4684	4528	4462	4558	2.50	cps
Lithium	6-1	1964018	2014417	2019930	1999455	1.54	cps
Magnesium	24-2	358	433	342	378	12.92	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:04:03	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	23	43	42	43.49	cps
Molybdenum	94-1	4309	4201	3776	4095	6.89	cps
Molybdenum	95-1	4951	4784	3834	4523	13.32	cps
Molybdenum	96-1	5785	5110	4393	5096	13.66	cps
Molybdenum	97-1	2934	2959	2784	2892	3.27	cps
Molybdenum	98-1	7919	7085	6510	7172	9.88	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	150	180	171	10.73	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2075	2259	2242	2192	4.63	cps
Rhodium	103-1	10433440	10856997	10700712	10663716	2.01	cps
Rhodium	103-2	2787970	2853898	2688522	2776797	3.00	cps
Scandium	45-1	5556983	5803395	5750897	5703758	2.28	cps
Scandium	45-2	39238	39843	38660	39247	1.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-12	34	-30	-3	-1136.55	cps
Silicon	28-1	156126	159741	157204	157690	1.18	cps
Silver	109-1	425	450	483	453	6.46	cps
Silver	107-1	508	508	333	450	22.45	cps
Sodium	23-2	9253	9228	9337	9273	0.61	cps
Strontium	86-1	717	458	725	633	23.94	cps
Strontium	88-1	558	467	417	481	14.95	cps
Sulfur	34-1	320176	321586	321166	320976	0.23	cps
Terbium	159-1	16588367	17309106	17209026	17035499	2.29	cps
Terbium	159-2	3149051	3220789	3004834	3124891	3.52	cps
Thallium	203-1	2367	1950	1892	2070	12.52	cps
Thallium	205-1	5193	5135	4693	5007	5.46	cps
Tin	118-1	3859	3301	3576	3578	7.80	cps
Titanium	47-1	242	208	267	239	12.25	cps
Uranium	238-1	733	750	508	664	20.33	cps
Vanadium	51-2	10	17	0	9	94.38	cps
Yttrium	89-1	11180235	11586927	11586001	11451054	2.05	cps
Yttrium	89-2	313683	315881	296805	308790	3.38	cps
Zinc	66-2	263	247	200	237	13.87	cps

LB Number :	LB98671	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-16 17:04:03	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4243	4126	3809	4059	5.53	cps
Zirconium	91-1	983	875	900	920	6.17	cps