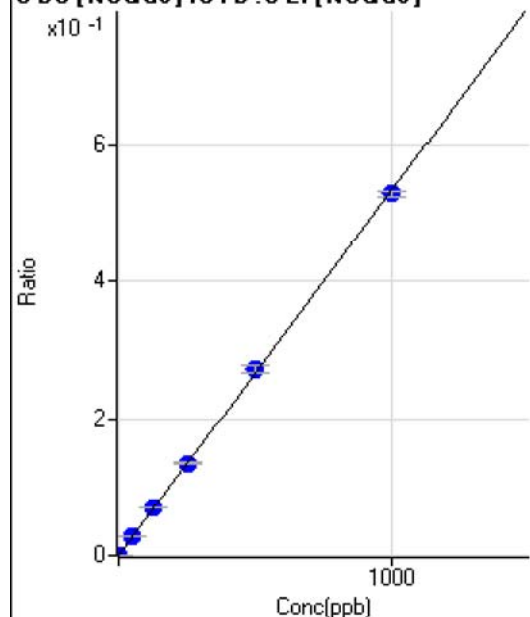


Batch Folder: D:\P8071318MS.b\
Analysis File: P8071318MS.batch.bin
DA Date-Time: 2018-07-13 15:49:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-13 12:41:54
2			
3	005CALS.d	S02	2018-07-13 12:49:16
4	006CALS.d	S03	2018-07-13 12:52:58
5	007CALS.d	S04	2018-07-13 12:56:40
6	008CALS.d	S05	2018-07-13 13:00:17
7	009CALS.d	S06	2018-07-13 13:03:47
8	010CALS.d	S07	2018-07-13 13:07:14
9	011CALS.d	S08	2018-07-13 13:10:38

9 Be [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.97	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	1.110	1192.68	0.0006	P	6.6
4	☐	50.000	54.269	53702.63	0.0289	P	1.5
5	☐	125.000	131.407	135230.97	0.0700	P	3.9
6	☐	250.000	254.588	256398.53	0.1356	P	1.5
7	☐	500.000	511.589	500632.59	0.2724	P	3.9
8	☐	1000.000	992.044	968310.33	0.5283	P	1.9
9	☐			514.84	0.0003	P	11.3

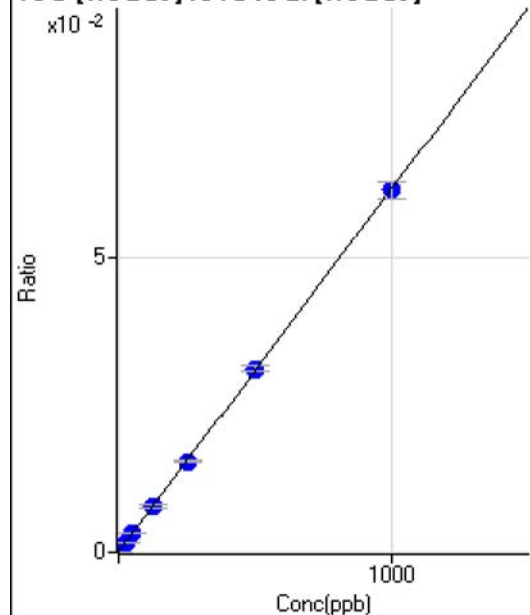
$$y = 5.3247\text{E-}004 * x + 3.3479\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01968$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0001	P	35.0
2	☐	2.500					
3	☐	25.000	25.480	3117.14	0.0016	P	7.6
4	☐	50.000	52.906	6171.01	0.0033	P	3.0
5	☐	125.000	127.730	15319.87	0.0079	P	7.1
6	☐	250.000	248.727	29110.95	0.0154	P	2.8
7	☐	500.000	504.130	57236.74	0.0311	P	3.4
8	☐	1000.000	997.755	112829.98	0.0616	P	4.7
9	☐			5381.79	0.0029	P	11.2

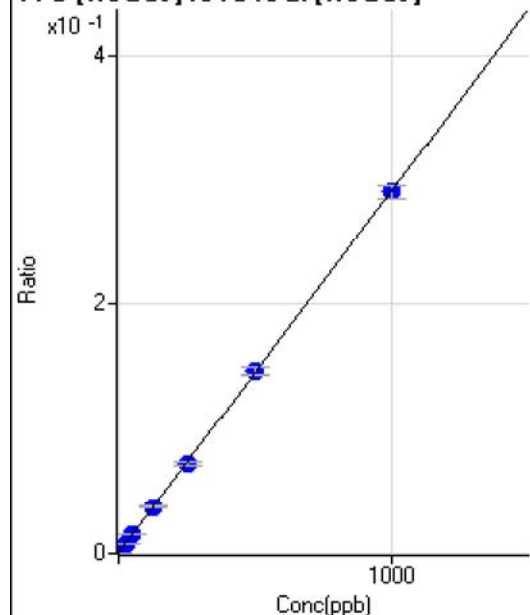
$$y = 6.1648\text{E-}005 * x + 6.3411\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.081$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	597.26	0.0003	P	8.0
2	☐	2.500					
3	☐	25.000	25.523	14774.84	0.0077	P	6.7
4	☐	50.000	52.102	28726.88	0.0155	P	3.3
5	☐	125.000	127.552	72288.10	0.0374	P	5.2
6	☐	250.000	248.250	137175.47	0.0726	P	3.3
7	☐	500.000	502.405	269291.79	0.1465	P	3.5
8	☐	1000.000	998.798	533201.42	0.2910	P	4.0
9	☐			26110.77	0.0138	P	9.9

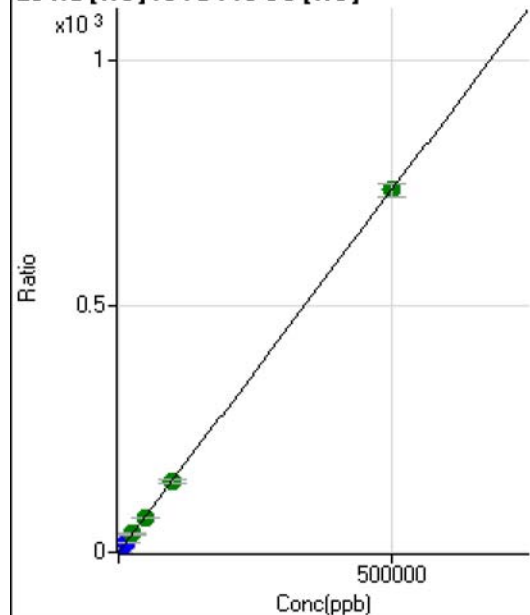
$$y = 2.9100\text{E-}004 * x + 3.1731\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2613$$

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	3233.86	0.0813	P	2.2
2	☐	50.000					
3	☐	500.000	521.317	34075.35	0.8488	P	4.4
4	☐	5000.000	4926.243	292797.09	7.3333	P	3.1
5	☐	12500.000	12168.875	714651.57	17.9953	P	1.9
6	☐	25000.000	25440.685	1425422.04	37.5329	A	2.4
7	☐	50000.000	48770.596	2730762.80	71.8772	A	0.3
8	☐	100000.00	97848.716	5337464.10	144.1258	A	3.4
9	☐	500000.00	500540.15	29706607.26	736.9336	A	3.4

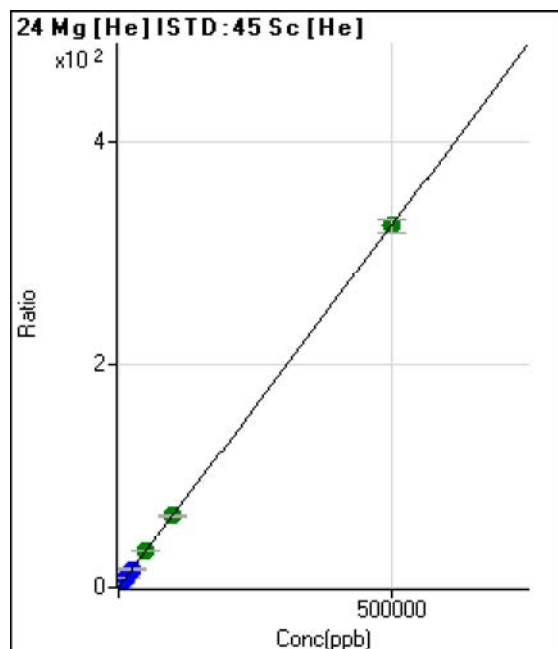
$$y = 0.0015 * x + 0.0813$$

$$R = 1.0000$$

$$DL = 3.67$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0041	P	16.3
2	☐	50.000					
3	☐	500.000	497.556	13131.62	0.3272	P	5.5
4	☐	5000.000	4995.110	129675.68	3.2477	P	2.8
5	☐	12500.000	12228.749	315556.68	7.9449	P	0.9
6	☐	25000.000	25089.505	618864.17	16.2961	P	2.7
7	☐	50000.000	49585.235	1223389.12	32.2026	A	1.1
8	☐	100000.00	99784.926	2399457.97	64.8001	A	4.0
9	☐	500000.00	500086.84	13090554.02	324.7388	A	3.4

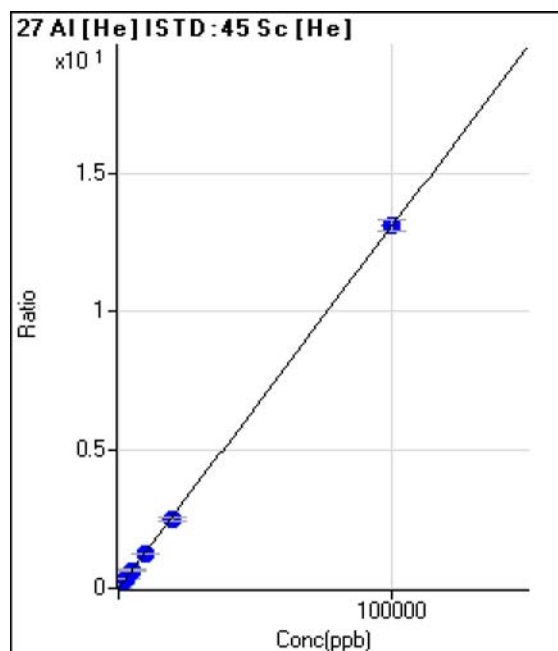
$$y = 6.4936\text{E-}004 * x + 0.0041$$

$$R = 1.0000$$

$$DL = 3.067$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0004	P	101.2
2	☐	2.000					
3	☐	20.000	21.681	130.57	0.0033	P	26.8
4	☐	1000.000	962.981	5042.78	0.1263	P	4.0
5	☐	2500.000	2504.752	13009.25	0.3277	P	5.2
6	☐	5000.000	5041.656	25031.41	0.6592	P	3.7
7	☐	10000.000	9575.822	47555.96	1.2517	P	0.2
8	☐	20000.000	19184.473	92847.69	2.5073	P	3.7
9	☐	100000.00	100203.69	527863.27	13.0942	P	3.2

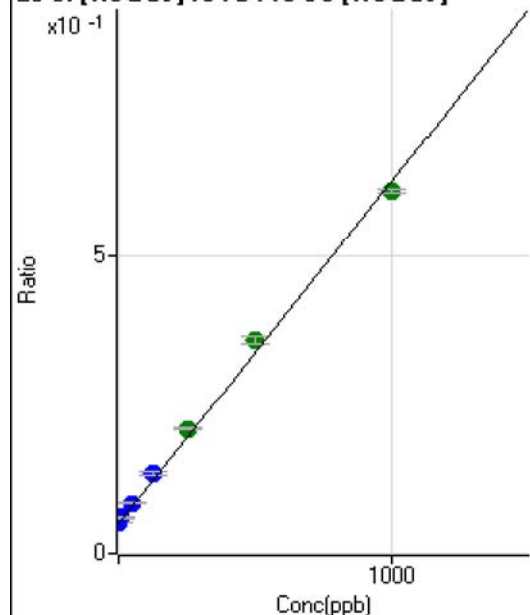
$$y = 1.3067\text{E-}004 * x + 4.2185\text{E-}004$$

$$R = 1.0000$$

$$DL = 9.801$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263387.72	0.0502	P	0.8
2	☐	1.000					
3	☐	10.000	16.719	319975.88	0.0598	P	2.1
4	☐	50.000	60.517	443181.86	0.0850	P	3.0
5	☐	125.000	147.211	722113.56	0.1348	P	4.1
6	☐	250.000	278.991	1112314.85	0.2105	A	0.7
7	☐	500.000	535.971	1849506.88	0.3581	A	3.5
8	☐	1000.000	971.397	3138709.19	0.6083	A	1.2
9	☐			449235.10	0.0824	P	1.7

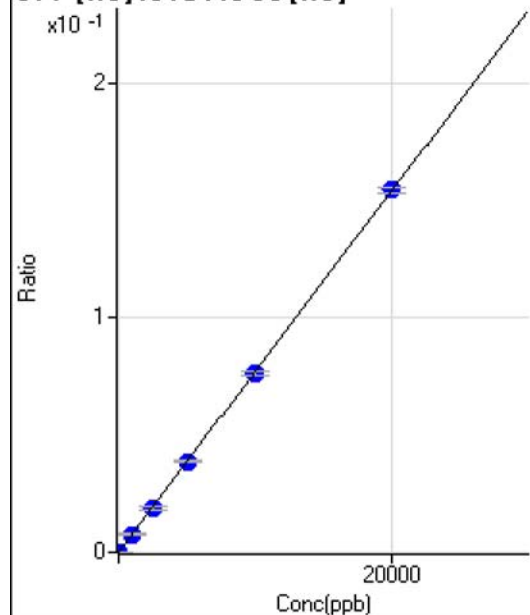
$$y = 5.7452\text{E-}004 * x + 0.0502$$

$$R = 0.9985$$

$$DL = 2.098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-4.565	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	4.565	2.78	0.0001	P	173.2
4	☐	1000.000	999.154	308.35	0.0077	P	3.9
5	☐	2500.000	2446.674	750.05	0.0189	P	9.7
6	☐	5000.000	5041.457	1475.15	0.0388	P	1.0
7	☐	10000.000	9851.172	2880.98	0.0758	P	2.4
8	☐	20000.000	20070.758	5723.66	0.1545	P	1.6
9	☐			13.89	0.0004	P	127.0

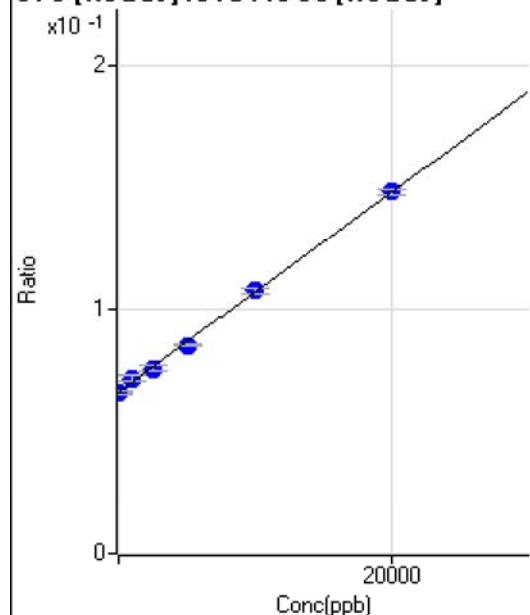
$$y = 7.6942\text{E-}006 * x + 3.5122\text{E-}005$$

$$R = 1.0000$$

$$DL = 23.72$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	63.889	349226.21	0.0666	P	1.6
2	☐	0.000					
3	☐	0.000	-63.889	353338.42	0.0660	P	2.0
4	☐	1000.000	1335.482	374405.98	0.0718	P	3.2
5	☐	2500.000	2335.143	406655.82	0.0759	P	3.7
6	☐	5000.000	4637.643	451017.41	0.0853	P	1.3
7	☐	10000.000	10102.533	556824.89	0.1078	P	2.4
8	☐	20000.000	20043.156	766957.73	0.1486	P	1.4
9	☐			324930.07	0.0596	P	2.0

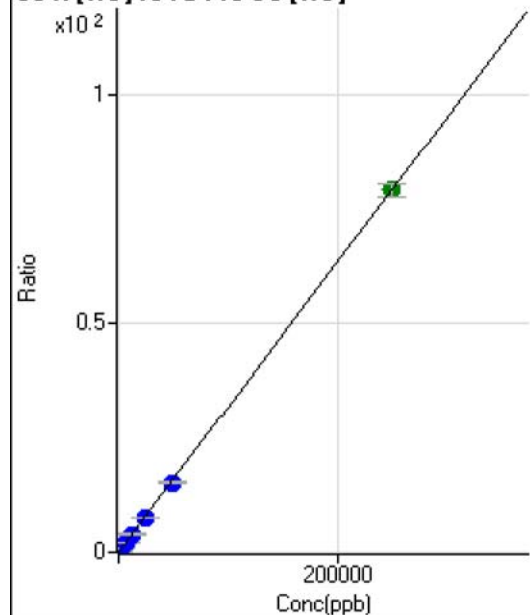
$$y = 4.1085\text{E-}006 * x + 0.0663$$

$$R = 0.9995$$

$$DL = 865.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1953.00	0.0492	P	9.5
2	☐	50.000					
3	☐	500.000	524.252	8625.25	0.2147	P	4.3
4	☐	2500.000	2461.987	33009.21	0.8266	P	2.0
5	☐	6250.000	6031.892	77602.67	1.9539	P	1.4
6	☐	12500.000	12352.376	150011.20	3.9497	P	2.4
7	☐	25000.000	23919.074	288813.36	7.6022	P	1.4
8	☐	50000.000	48211.234	565620.34	15.2730	P	3.3
9	☐	250000.00	250479.01	3190261.51	79.1439	A	3.6

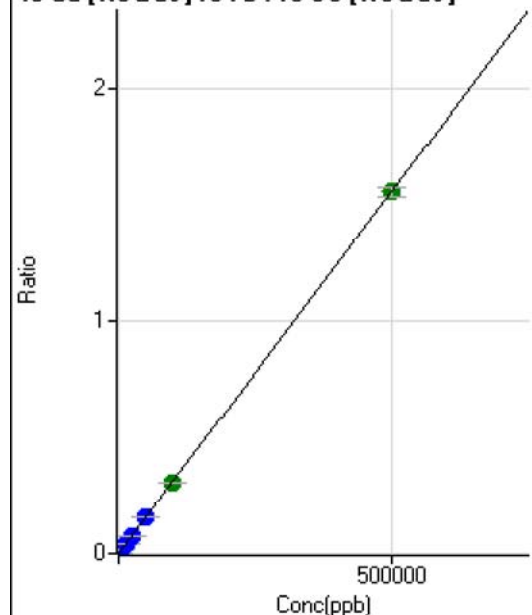
$$y = 3.1577\text{E-}004 * x + 0.0492$$

$$R = 1.0000$$

$$DL = 44.29$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	450.03	0.0001	P	3.0
2	☐	50.000					
3	☐	500.000	518.293	9083.90	0.0017	P	4.6
4	☐	5000.000	5072.090	82752.32	0.0159	P	3.4
5	☐	12500.000	12554.798	209789.61	0.0391	P	3.3
6	☐	25000.000	24530.688	403741.58	0.0764	P	1.4
7	☐	50000.000	49619.168	797810.09	0.1545	P	2.3
8	☐	100000.00	98367.580	1579498.73	0.3061	A	1.5
9	☐	500000.00	500385.92	8486142.20	1.5568	A	2.3

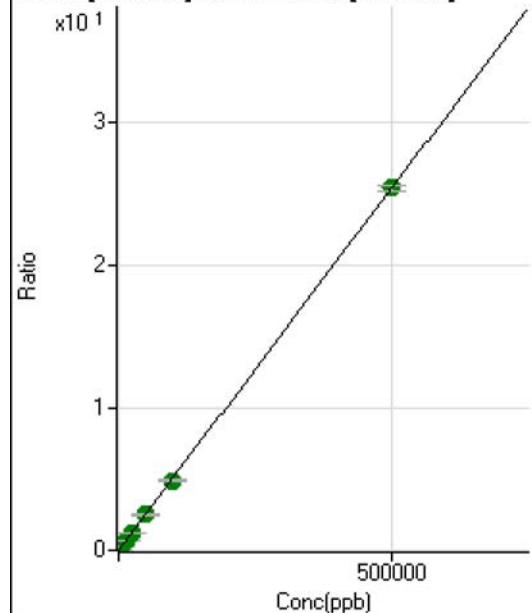
$$y = 3.1110\text{E-}006 * x + 8.5743\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.481$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14975.30	0.0029	P	3.4
2	☐	50.000					
3	☐	500.000	506.792	152927.97	0.0286	P	3.3
4	☐	5000.000	5154.520	1379697.13	0.2645	A	4.0
5	☐	12500.000	12494.194	3414750.94	0.6372	A	3.5
6	☐	25000.000	24227.666	6515618.72	1.2329	A	1.2
7	☐	50000.000	49110.327	12892935.96	2.4962	A	2.8
8	☐	100000.00	96279.923	25236906.64	4.8909	A	1.5
9	☐	500000.00	500870.19	138635064.2	25.4318	A	1.9

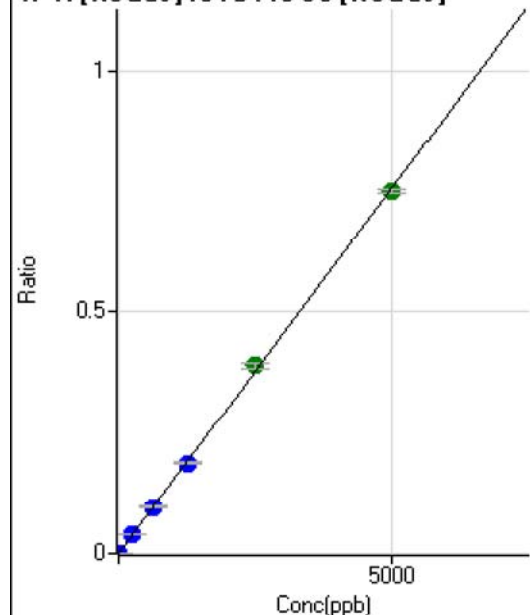
$$y = 5.0770\text{E-}005 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 5.671$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	18.9
2	☐	0.500					
3	☐	5.000	5.705	4725.98	0.0009	P	10.7
4	☐	250.000	259.463	204953.99	0.0393	P	3.9
5	☐	625.000	642.647	521419.39	0.0973	P	3.9
6	☐	1250.000	1245.169	996225.84	0.1885	P	0.9
7	☐	2500.000	2572.089	2011092.58	0.3894	A	3.1
8	☐	5000.000	4962.484	3876415.84	0.7512	A	1.1
9	☐			2236.41	0.0004	P	4.4

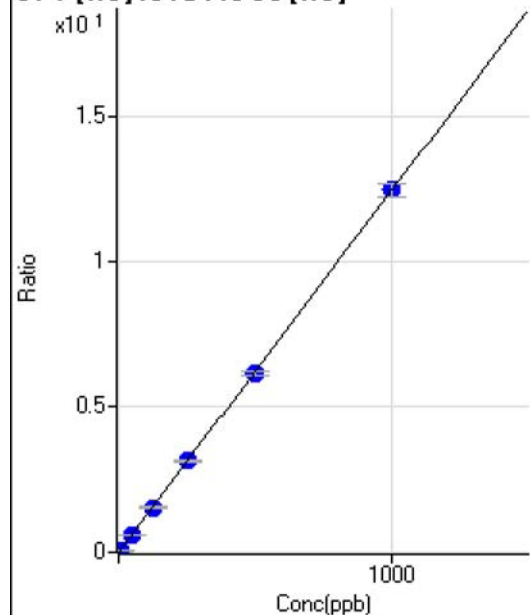
$$y = 1.5138\text{E-}004 * x + 2.0607\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.07709$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0002	P	78.0
2	☐	0.500					
3	☐	5.000	4.970	2489.16	0.0620	P	3.8
4	☐	50.000	49.885	24762.11	0.6200	P	1.6
5	☐	125.000	123.891	61142.89	1.5396	P	1.7
6	☐	250.000	253.112	119442.54	3.1452	P	2.6
7	☐	500.000	493.628	233013.41	6.1336	P	1.5
8	☐	1000.000	1002.553	461284.23	12.4570	P	3.8
9	☐			217.78	0.0054	P	8.5

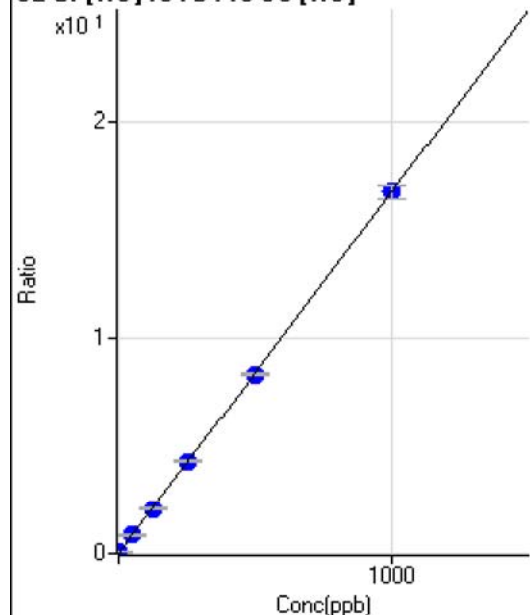
$$y = 0.0124 * x + 2.2414\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.04219$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	492.24	0.0124	P	5.1
2	☐	0.200					
3	☐	2.000	2.135	1932.39	0.0482	P	7.8
4	☐	50.000	50.107	34012.53	0.8518	P	2.7
5	☐	125.000	123.953	82951.44	2.0890	P	2.6
6	☐	250.000	256.128	163439.93	4.3033	P	2.1
7	☐	500.000	494.412	315151.71	8.2953	P	0.6
8	☐	1000.000	1001.387	621713.39	16.7888	P	3.6
9	☐			25889.70	0.6422	P	3.4

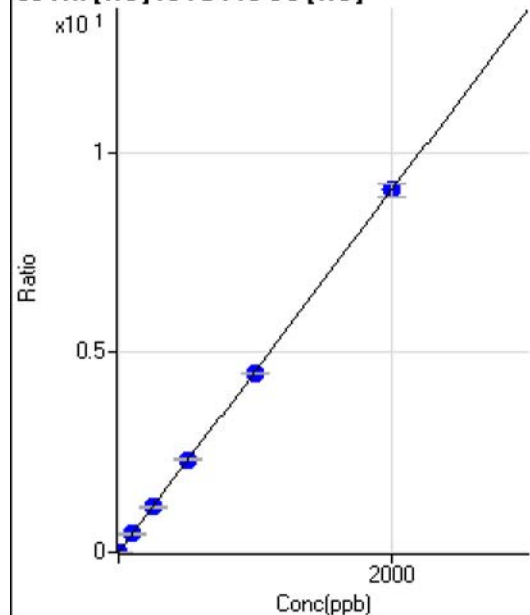
$$y = 0.0168 * x + 0.0124$$

$$R = 1.0000$$

$$DL = 0.1125$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0012	P	24.0
2	☐	0.100					
3	☐	1.000	1.112	251.12	0.0062	P	10.5
4	☐	100.000	100.815	18296.67	0.4582	P	1.7
5	☐	250.000	250.442	45126.23	1.1364	P	2.5
6	☐	500.000	511.687	88124.79	2.3205	P	2.7
7	☐	1000.000	988.838	170327.06	4.4833	P	0.6
8	☐	2000.000	2002.563	336188.97	9.0782	P	3.5
9	☐			1765.70	0.0438	P	3.2

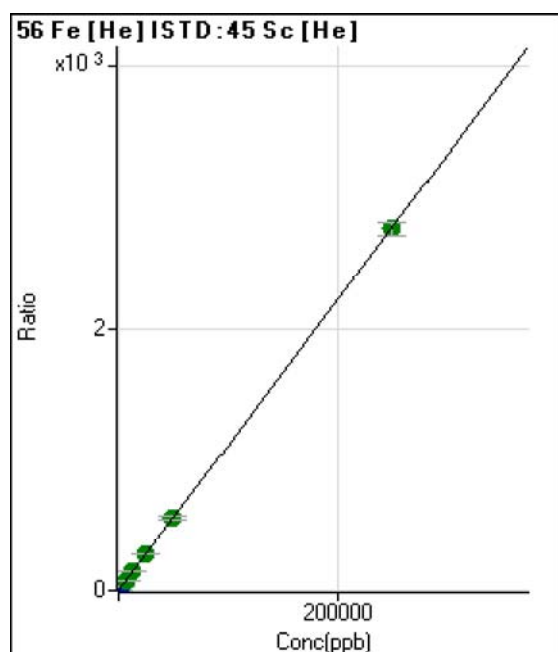
$$y = 0.0045 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.1906$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1161.20	0.0292	P	4.3
2	☐	5.000					
3	☐	50.000	53.752	25082.29	0.6246	P	2.1
4	☐	2500.000	2547.080	1127622.16	28.2409	P	2.7
5	☐	6250.000	6371.235	2803651.07	70.5977	A	2.0
6	☐	12500.000	12931.328	5440679.81	143.2579	A	2.3
7	☐	25000.000	24984.395	10514453.01	276.7589	A	0.9
8	☐	50000.000	50465.939	20700581.48	558.9951	A	3.6
9	☐	250000.00	249883.30	111567998.7	2,767.762	A	3.5

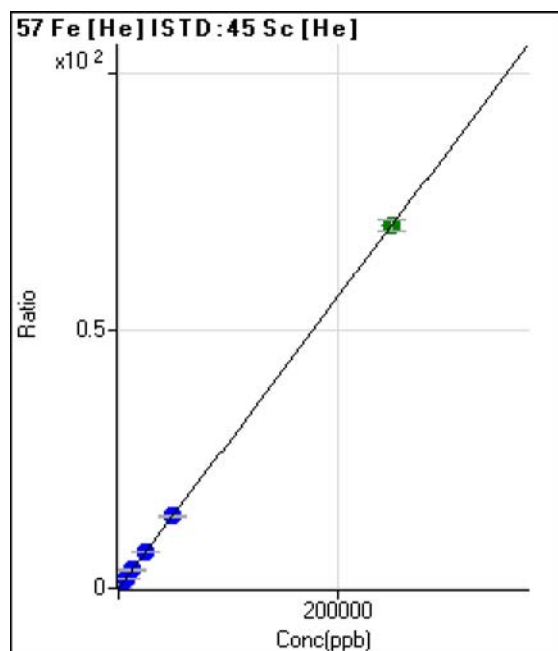
$$y = 0.0111 * x + 0.0292$$

$$R = 1.0000$$

$$DL = 0.3442$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0012	P	52.6
2	☐	5.000					
3	☐	50.000	55.259	672.26	0.0167	P	7.2
4	☐	2500.000	2501.285	28193.88	0.7061	P	2.5
5	☐	6250.000	6172.390	69130.51	1.7407	P	1.7
6	☐	12500.000	12676.120	135724.57	3.5736	P	2.2
7	☐	25000.000	24699.849	264500.96	6.9622	P	1.0
8	☐	50000.000	49966.232	521447.34	14.0830	P	4.2
9	☐	250000.00	250029.88	2840639.59	70.4662	A	3.3

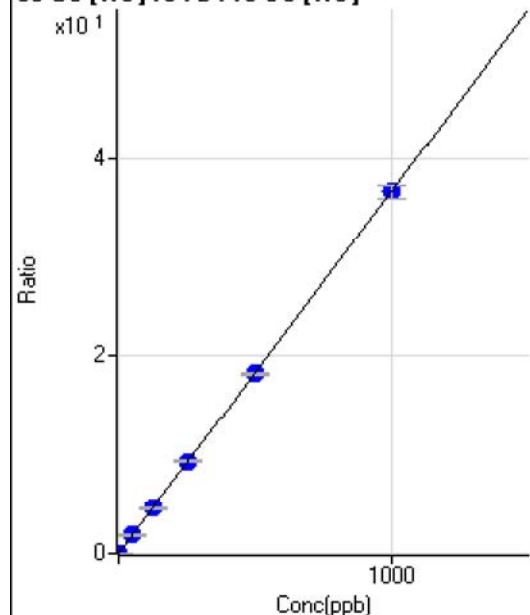
$$y = 2.8183E-004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 6.479$$

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	70.00	0.0018	P	22.5
2	☐	0.100					
3	☐	1.000	1.114	1709.02	0.0426	P	7.7
4	☐	50.000	50.732	74262.07	1.8597	P	2.3
5	☐	125.000	125.522	182636.22	4.5987	P	1.7
6	☐	250.000	256.033	356176.18	9.3784	P	2.3
7	☐	500.000	496.858	691369.17	18.1981	P	0.6
8	☐	1000.000	999.961	1356239.16	36.6231	P	3.5
9	☐			18592.63	0.4611	P	3.2

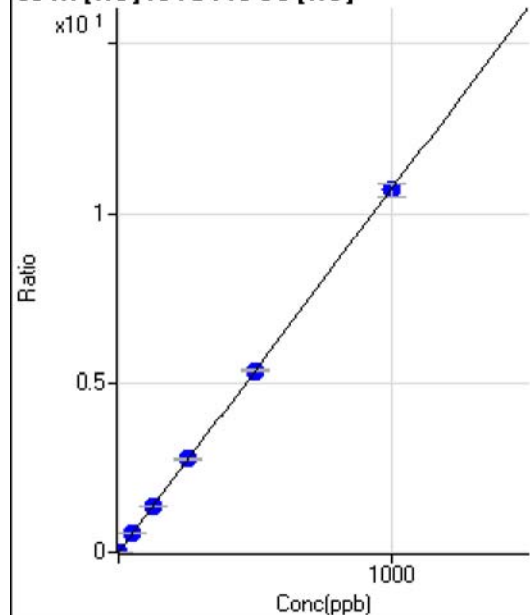
$$y = 0.0366 * x + 0.0018$$

$$R = 1.0000$$

$$DL = 0.03257$$

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	114.45	0.0029	P	8.4
2	☐	0.100					
3	☐	1.000	1.184	625.58	0.0156	P	3.1
4	☐	50.000	50.853	21878.54	0.5479	P	2.3
5	☐	125.000	125.335	53462.21	1.3462	P	1.6
6	☐	250.000	258.563	105362.34	2.7740	P	1.8
7	☐	500.000	499.487	203481.16	5.3561	P	1.2
8	☐	1000.000	998.031	396219.82	10.6993	P	3.5
9	☐			13991.66	0.3469	P	1.7

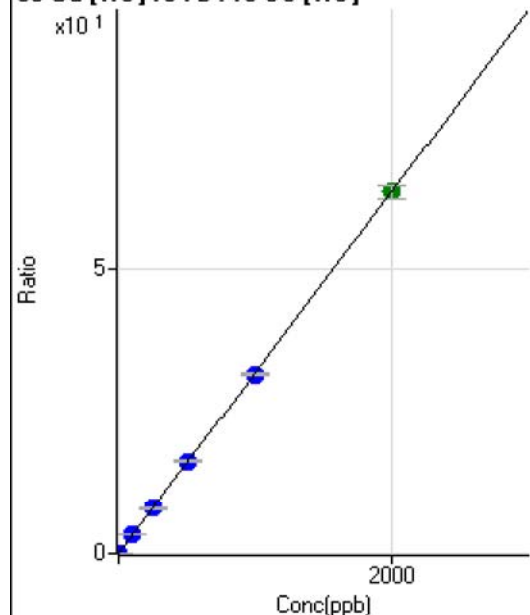
$$y = 0.0107 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 0.06788$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	396.68	0.0100	P	14.0
2	☐	0.200					
3	☐	2.000	2.122	3109.30	0.0774	P	3.1
4	☐	100.000	101.808	129617.68	3.2460	P	2.3
5	☐	250.000	250.887	317091.13	7.9846	P	1.9
6	☐	500.000	512.870	619499.29	16.3119	P	2.3
7	☐	1000.000	988.695	1194282.06	31.4362	P	1.0
8	☐	2000.000	2002.234	2357192.53	63.6522	A	3.5
9	☐			4625.28	0.1147	P	3.2

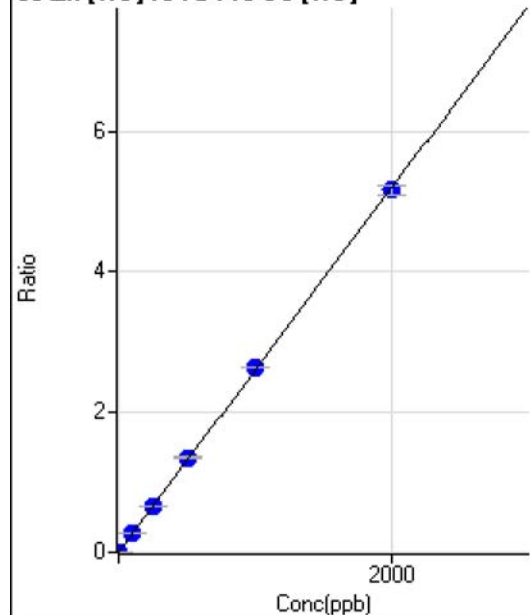
$$y = 0.0318 * x + 0.0100$$

$$R = 1.0000$$

$$DL = 0.1324$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0014	P	27.8
2	☐	0.200					
3	☐	2.000	2.357	304.45	0.0076	P	5.8
4	☐	100.000	102.999	10752.11	0.2693	P	3.8
5	☐	250.000	252.875	26175.99	0.6591	P	1.8
6	☐	500.000	520.088	51427.33	1.3541	P	2.2
7	☐	1000.000	1009.215	99774.45	2.6262	P	0.3
8	☐	2000.000	1989.861	191726.37	5.1766	P	2.9
9	☐			1711.25	0.0424	P	2.2

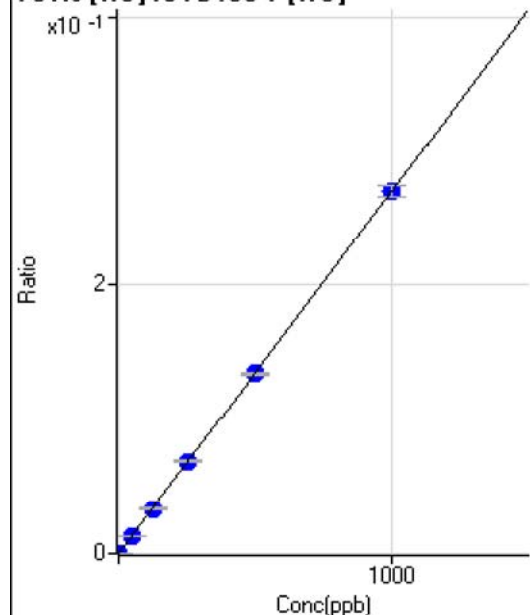
$$y = 0.0026 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.465$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	124.2
2	☐	0.100					
3	☐	1.000	1.045	79.01	0.0003	P	16.2
4	☐	50.000	49.323	3555.43	0.0133	P	3.7
5	☐	125.000	124.201	8910.98	0.0336	P	1.2
6	☐	250.000	254.719	17613.18	0.0689	P	2.2
7	☐	500.000	497.060	34181.11	0.1344	P	0.8
8	☐	1000.000	1000.424	67429.45	0.2704	P	3.2
9	☐			133.34	0.0005	P	11.6

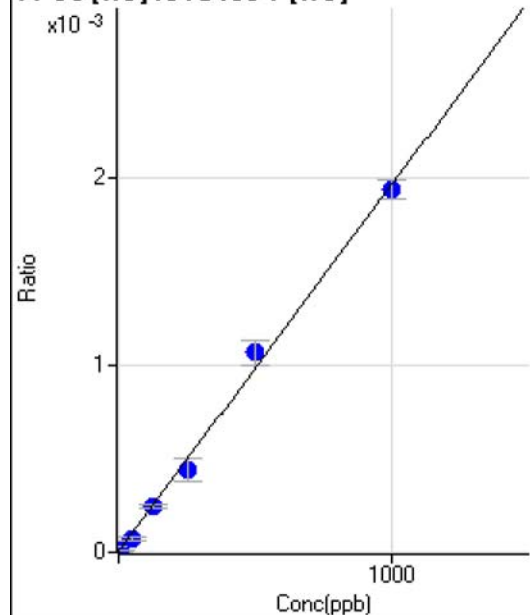
$$y = 2.7027\text{E-}004 * x + 1.1755\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.162$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	8.416	5.56	0.0000	P	91.5
4	☐	50.000	36.156	20.00	0.0001	P	29.3
5	☐	125.000	121.876	64.44	0.0002	P	8.5
6	☐	250.000	222.719	112.23	0.0004	P	26.2
7	☐	500.000	542.185	271.12	0.0011	P	12.4
8	☐	1000.000	986.793	483.35	0.0019	P	5.3
9	☐			0.00	0.0000	P	

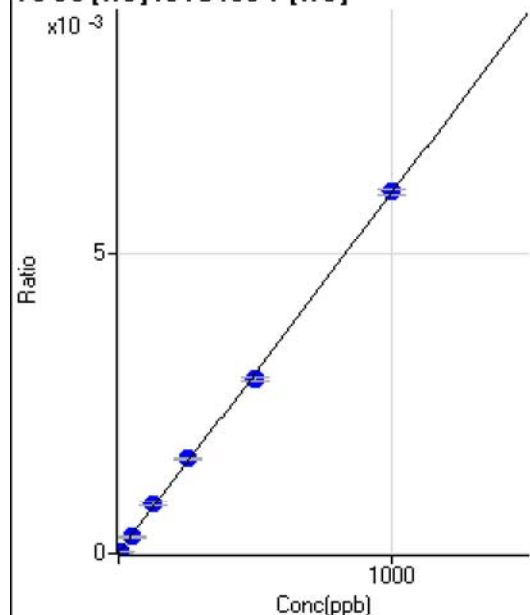
$$y = 1.9579\text{E-}006 * x + 4.3022\text{E-}006$$

$$R = 0.9982$$

$$DL = 11.42$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	92.2
2	☐	0.500					
3	☐	5.000	2.624	7.41	0.0000	P	25.7
4	☐	50.000	44.507	74.69	0.0003	P	12.2
5	☐	125.000	136.430	220.99	0.0008	P	8.4
6	☐	250.000	262.628	407.42	0.0016	P	0.8
7	☐	500.000	483.503	743.24	0.0029	P	2.2
8	☐	1000.000	1003.949	1509.97	0.0061	P	1.6
9	☐			3.08	0.0000	P	36.5

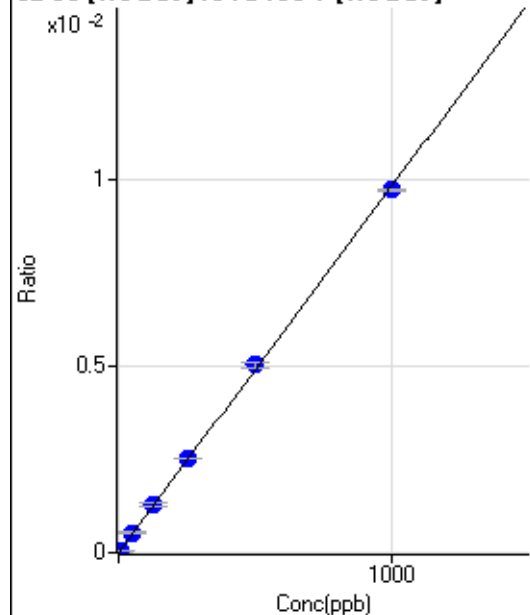
$$y = 6.0176\text{E-}006 * x + 1.1859\text{E-}005$$

$$R = 0.9996$$

$$DL = 5.453$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-10.58	0.0000	P	-466.
2	☐	0.500					
3	☐	5.000	5.724	518.75	0.0001	P	4.2
4	☐	50.000	54.491	4899.27	0.0005	P	4.7
5	☐	125.000	131.319	12289.04	0.0013	P	4.2
6	☐	250.000	257.361	23766.57	0.0025	P	0.3
7	☐	500.000	512.865	46530.26	0.0050	P	3.3
8	☐	1000.000	990.709	90670.62	0.0097	P	0.4
9	☐			89.34	0.0000	P	47.7

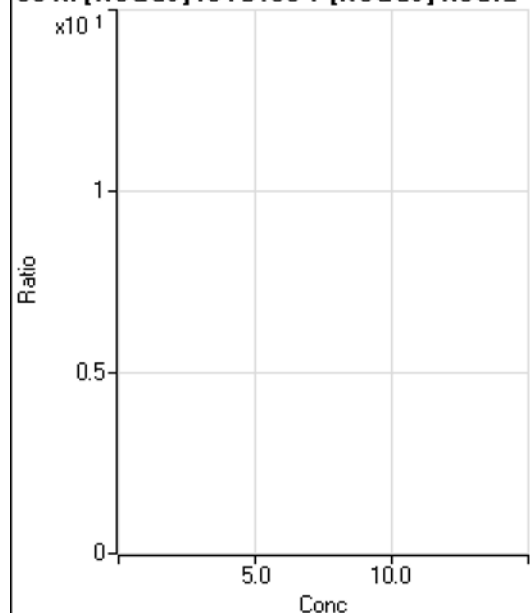
$$y = 9.8381\text{E-}006 * x - 1.1144\text{E-}006$$

$$R = 0.9998$$

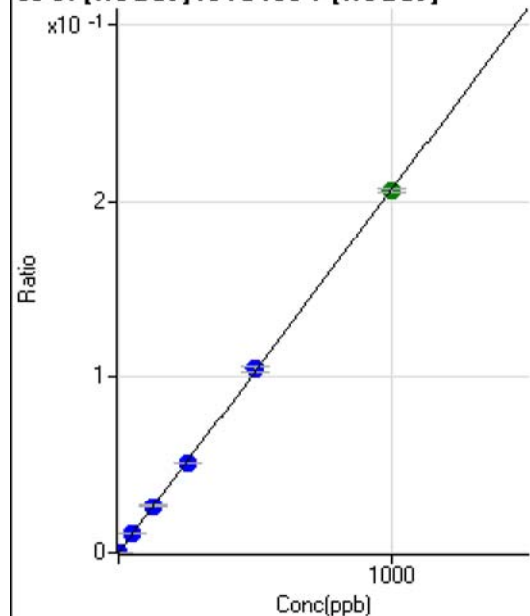
$$DL = 1.586$$

Weight: <None>

Min Conc: 0

83 Kr [NoGas] ISTD:89 Y [NoGas] No av.

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			323.34	0.0000	P	8.9
2	☐						
3	☐			305.56	0.0000	P	11.3
4	☐			295.57	0.0000	P	12.0
5	☐			312.23	0.0000	P	4.2
6	☐			284.45	0.0000	P	9.5
7	☐			278.90	0.0000	P	16.4
8	☐			312.23	0.0000	P	15.4
9	☐			296.68	0.0000	P	6.9

86 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	566.70	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	1.083	2672.61	0.0003	P	5.5
4	☐	50.000	51.923	98875.74	0.0108	P	2.5
5	☐	125.000	127.173	250918.17	0.0263	P	3.3
6	☐	250.000	250.143	486153.42	0.0518	P	0.4
7	☐	500.000	505.120	963742.49	0.1045	P	3.0
8	☐	1000.000	997.037	1918066.38	0.2062	A	1.1
9	☐			9381.42	0.0010	P	3.9

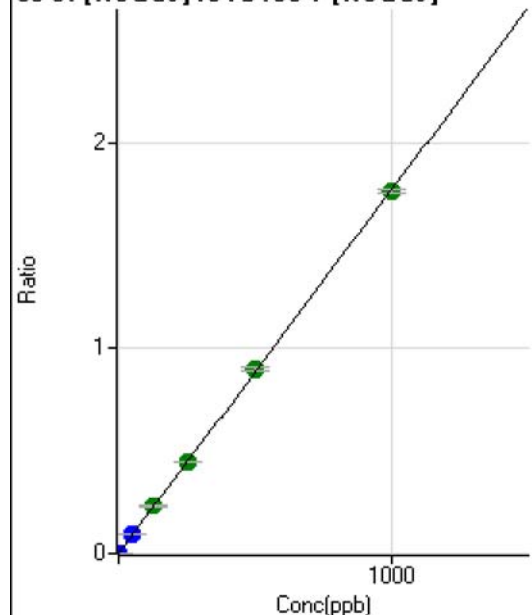
$$y = 2.0672\text{E-}004 * x + 6.0346\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.09406$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.46	0.0000	P	23.4
2	☐	0.100					
3	☐	1.000	1.093	18371.54	0.0020	P	8.0
4	☐	50.000	52.627	854573.02	0.0933	P	1.9
5	☐	125.000	129.951	2193312.07	0.2303	A	3.0
6	☐	250.000	253.024	4210864.76	0.4484	A	1.0
7	☐	500.000	505.980	8272252.62	0.8967	A	2.4
8	☐	1000.000	995.503	16413198.11	1.7642	A	1.0
9	☐			77464.31	0.0081	P	1.9

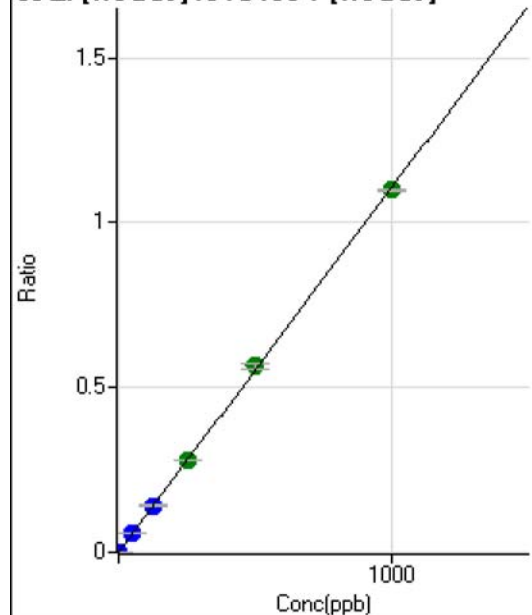
$$y = 0.0018 * x + 2.0703E-005$$

$$R = 1.0000$$

$$DL = 0.008189$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	813.95	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	1.029	11494.27	0.0012	P	6.3
4	☐	50.000	51.527	522515.49	0.0570	P	2.1
5	☐	125.000	128.592	1354126.77	0.1422	P	3.7
6	☐	250.000	252.016	2616492.42	0.2786	A	0.9
7	☐	500.000	508.844	5188960.49	0.5625	A	2.7
8	☐	1000.000	994.549	10227863.51	1.0993	A	0.5
9	☐			2764.30	0.0003	P	12.7

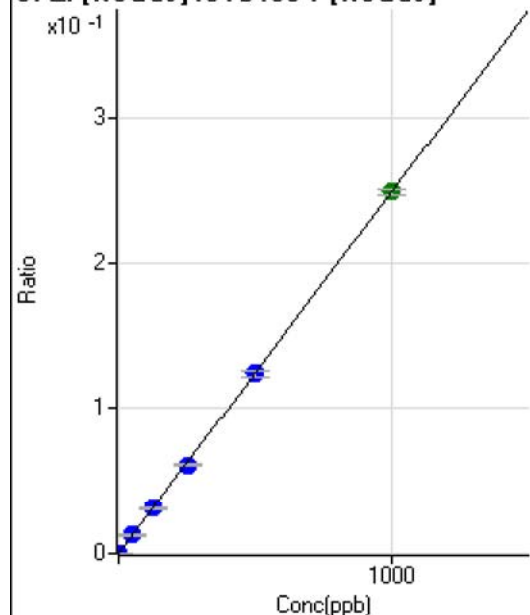
$$y = 0.0011 * x + 8.6692E-005$$

$$R = 0.9999$$

$$DL = 0.008011$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	1.002	2500.35	0.0003	P	4.6
4	☐	50.000	50.784	115974.46	0.0127	P	2.5
5	☐	125.000	126.347	299655.72	0.0315	P	4.0
6	☐	250.000	245.942	575146.12	0.0612	P	1.4
7	☐	500.000	498.455	1144852.72	0.1241	P	3.3
8	☐	1000.000	1001.579	2320122.45	0.2494	A	1.2
9	☐			547.26	0.0001	P	11.0

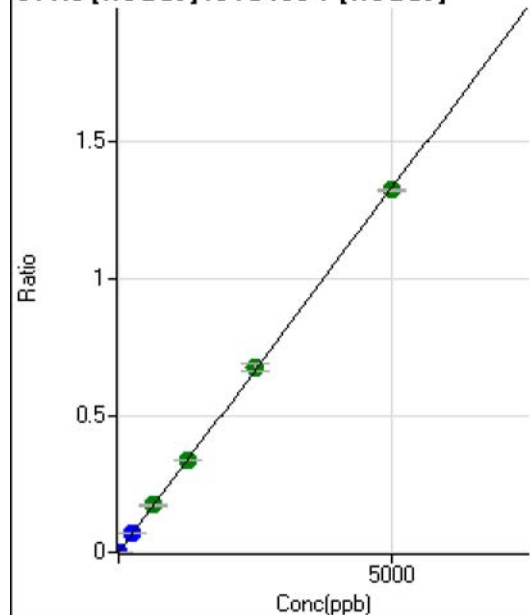
$$y = 2.4897\text{E-}004 * x + 1.6580\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05458$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.58	0.0000	P	34.2
2	☐	0.500					
3	☐	5.000	5.252	13471.15	0.0014	P	1.4
4	☐	250.000	258.570	630998.97	0.0689	P	1.9
5	☐	625.000	648.715	1644948.25	0.1728	A	3.4
6	☐	1250.000	1269.072	3173113.85	0.3379	A	1.5
7	☐	2500.000	2526.858	6204878.35	0.6728	A	4.1
8	☐	5000.000	4978.410	12332074.67	1.3255	A	0.8
9	☐			17406.29	0.0018	P	2.5

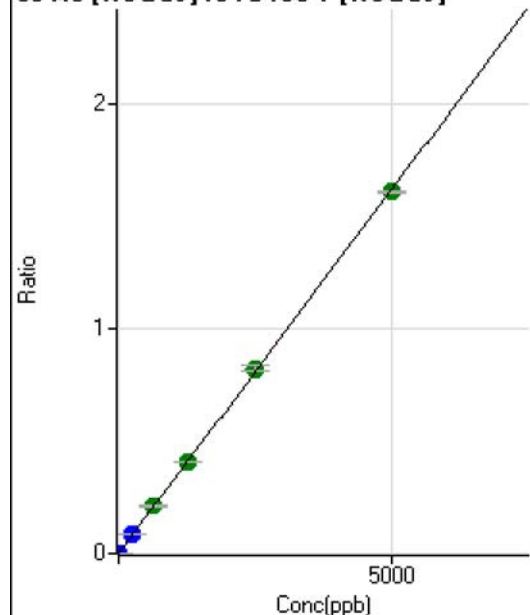
$$y = 2.6624\text{E-}004 * x + 3.5187\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1356$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	5.203	15901.61	0.0017	P	3.1
4	☐	250.000	260.231	771539.40	0.0842	P	1.8
5	☐	625.000	647.223	1994156.38	0.2094	A	3.8
6	☐	1250.000	1258.803	3825206.73	0.4073	A	0.8
7	☐	2500.000	2540.582	7583427.16	0.8221	A	3.0
8	☐	5000.000	4974.218	14975213.18	1.6096	A	0.7
9	☐			28750.76	0.0030	P	0.5

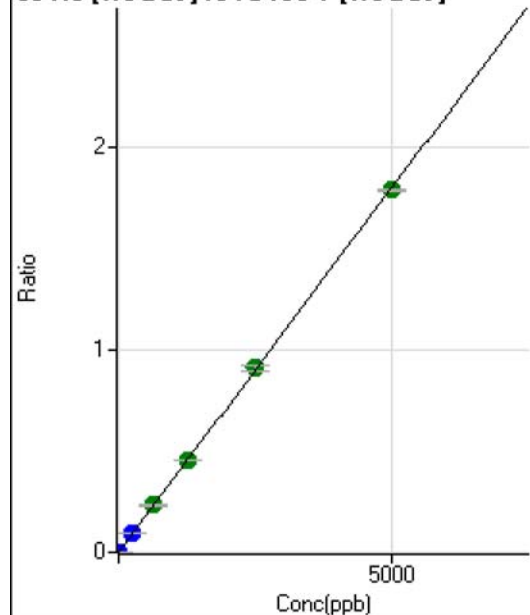
$$y = 3.2359\text{E-}004 * x + 9.4637\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01876$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0000	P	27.5
2	☐	0.500					
3	☐	5.000	5.125	17520.29	0.0019	P	1.4
4	☐	250.000	261.722	862555.26	0.0941	P	1.7
5	☐	625.000	655.964	2246825.09	0.2359	A	3.3
6	☐	1250.000	1265.187	4272951.74	0.4550	A	1.4
7	☐	2500.000	2531.129	8397038.12	0.9103	A	3.2
8	☐	5000.000	4976.182	16650739.43	1.7897	A	0.6
9	☐			32671.20	0.0034	P	4.3

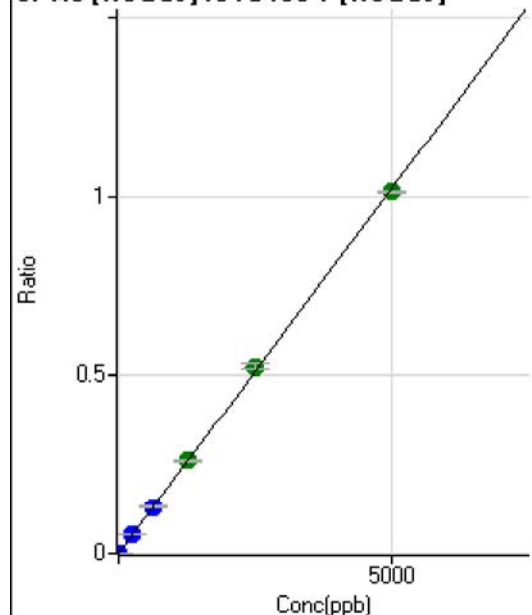
$$y = 3.5965\text{E-}004 * x + 2.1312\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04884$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	39.3
2	☐	0.500					
3	☐	5.000	5.224	10123.64	0.0011	P	5.2
4	☐	250.000	258.872	485083.04	0.0530	P	2.3
5	☐	625.000	636.674	1239846.09	0.1302	P	3.7
6	☐	1250.000	1277.211	2452879.46	0.2612	A	1.2
7	☐	2500.000	2554.849	4819801.06	0.5225	A	3.0
8	☐	5000.000	4963.870	9444912.88	1.0152	A	0.6
9	☐			18385.48	0.0019	P	3.4

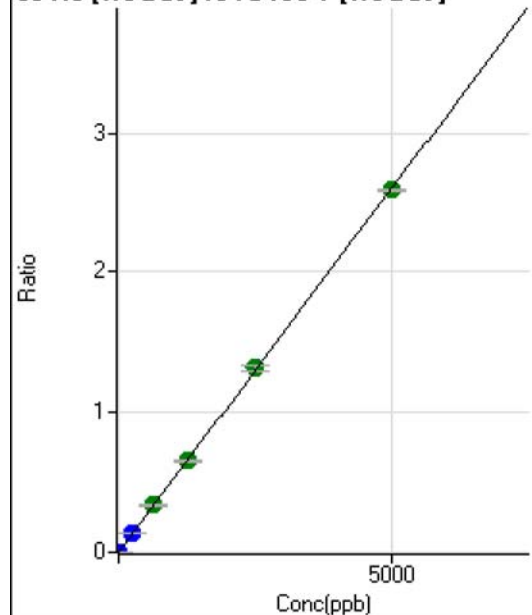
$$y = 2.0451\text{E-}004 * x + 9.7556\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0562$$

Weight: <None>

Min Conc: 0

98 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	5.259	25886.77	0.0028	P	5.2
4	☐	250.000	259.919	1238691.32	0.1352	P	2.0
5	☐	625.000	648.402	3211852.78	0.3373	A	3.3
6	☐	1250.000	1255.108	6130473.92	0.6528	A	1.0
7	☐	2500.000	2524.860	12114006.26	1.3133	A	3.0
8	☐	5000.000	4982.872	24112996.72	2.5917	A	0.2
9	☐			46592.34	0.0049	P	2.0

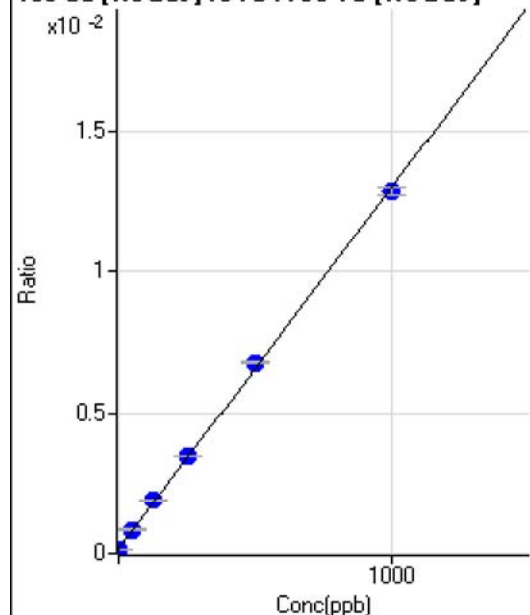
$$y = 5.2012\text{E-}004 * x + 2.1897\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01943$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1928.00	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	0.231	1964.13	0.0002	P	7.1
4	☐	50.000	53.318	9959.67	0.0008	P	4.4
5	☐	125.000	134.073	23409.96	0.0019	P	3.6
6	☐	250.000	257.700	42629.65	0.0035	P	1.2
7	☐	500.000	515.296	82091.59	0.0068	P	1.5
8	☐	1000.000	989.128	160524.59	0.0129	P	2.1
9	☐			1961.36	0.0002	P	6.9

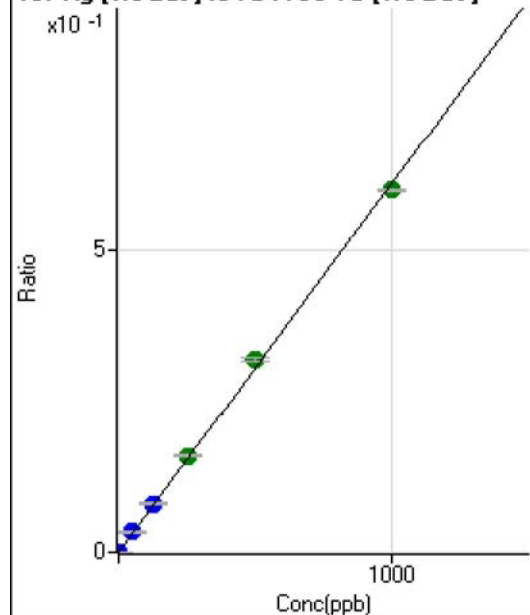
$$y = 1.2839\text{E-}005 * x + 1.6084\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.887$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	1.193	8794.90	0.0007	P	5.0
4	☐	50.000	55.223	398243.30	0.0338	P	2.1
5	☐	125.000	132.826	1010927.26	0.0813	P	3.7
6	☐	250.000	263.069	1977825.78	0.1610	A	1.0
7	☐	500.000	522.518	3872515.75	0.3197	A	2.4
8	☐	1000.000	984.235	7518093.31	0.6023	A	0.6
9	☐			963.97	0.0001	P	1.3

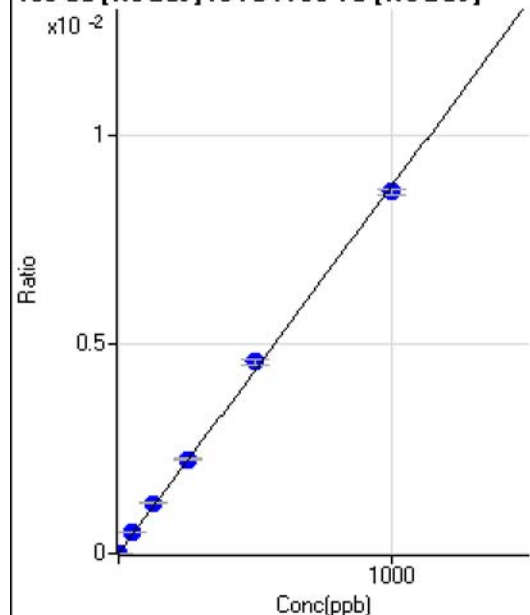
$$y = 6.1191\text{E-}004 * x + 5.5750\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.007113$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.3
2	☐	0.100					
3	☐	1.000	1.214	130.56	0.0000	P	34.3
4	☐	50.000	55.569	5758.30	0.0005	P	0.1
5	☐	125.000	135.987	14864.02	0.0012	P	3.9
6	☐	250.000	258.158	27866.57	0.0023	P	2.1
7	☐	500.000	521.218	55456.75	0.0046	P	2.8
8	☐	1000.000	985.699	108097.29	0.0087	P	1.5
9	☐			40.28	0.0000	P	16.5

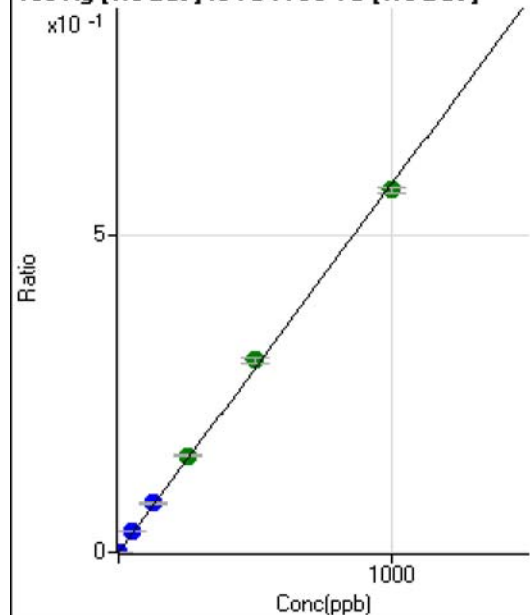
$$y = 8.7853\text{E-}006 * x + 3.4665\text{E-}007$$

$$R = 0.9996$$

$$DL = 0.1175$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.7
2	☐	0.100					
3	☐	1.000	1.162	8127.80	0.0007	P	6.2
4	☐	50.000	55.959	383344.47	0.0325	P	2.8
5	☐	125.000	133.683	966583.41	0.0777	P	3.7
6	☐	250.000	262.931	1878012.45	0.1529	A	0.6
7	☐	500.000	520.628	3665280.94	0.3027	A	2.7
8	☐	1000.000	985.070	7148022.55	0.5726	A	1.5
9	☐			1025.09	0.0001	P	10.7

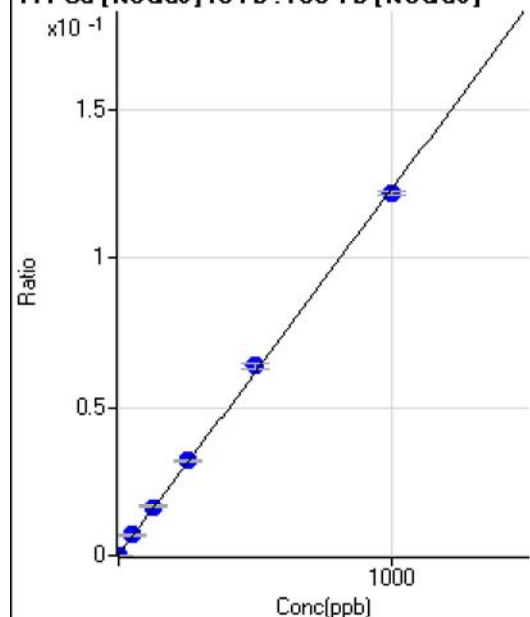
$$y = 5.8132\text{E-}004 * x + 4.4155\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.007682$$

Weight: <None>

Min Conc: 0

111 Cd [NoGas] ISTD:159 Tb [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1360.57	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	1.014	2853.08	0.0002	P	1.3
4	☐	50.000	54.791	80862.48	0.0069	P	2.8
5	☐	125.000	132.740	204797.46	0.0165	P	3.4
6	☐	250.000	258.982	393372.83	0.0320	P	0.8
7	☐	500.000	516.347	771669.17	0.0637	P	2.8
8	☐	1000.000	988.374	1521248.54	0.1219	P	1.1
9	☐			1728.11	0.0001	P	4.2

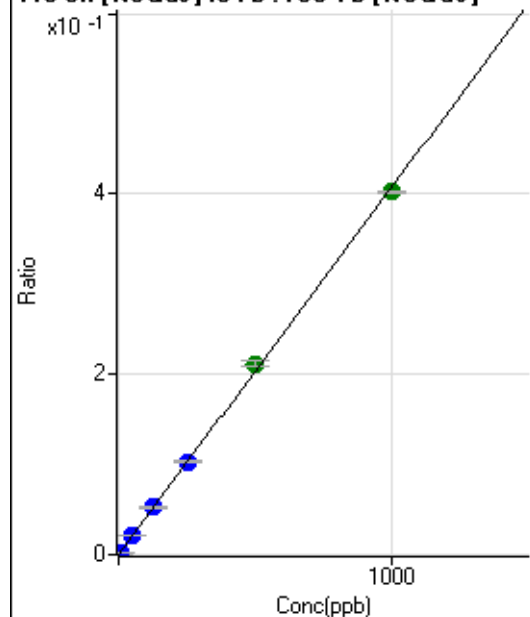
$$y = 1.2319\text{E-}004 * x + 1.1351\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.2$$

Weight: <None>

Min Conc: 0

118 Sn [NoGas] ISTD:159 Tb [NoGas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	850.08	0.0001	P	3.0
2	☐	0.500					
3	☐	5.000	5.479	27495.86	0.0023	P	4.9
4	☐	50.000	53.724	258382.44	0.0219	P	2.1
5	☐	125.000	130.434	660734.87	0.0531	P	4.3
6	☐	250.000	253.349	1267205.79	0.1031	P	1.0
7	☐	500.000	520.004	2562701.60	0.2116	A	3.1
8	☐	1000.000	988.293	5020002.63	0.4021	A	0.5
9	☐			13462.90	0.0011	P	3.7

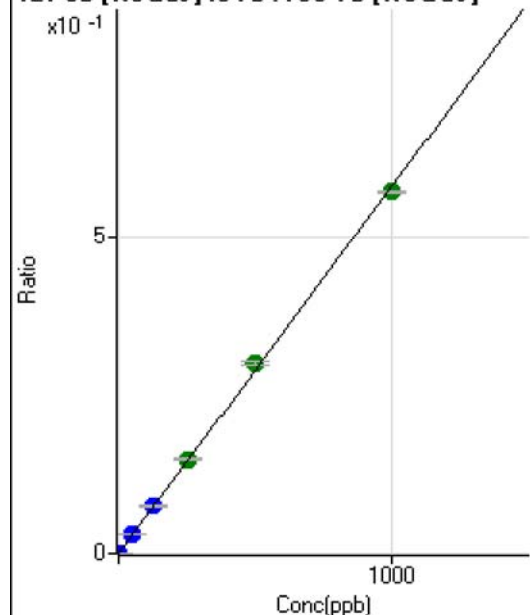
$$y = 4.0684\text{E-}004 * x + 7.0961\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01583$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	20.5
2	☐	0.200					
3	☐	2.000	2.091	14622.49	0.0012	P	4.7
4	☐	50.000	53.166	363207.21	0.0308	P	3.0
5	☐	125.000	130.182	938531.69	0.0755	P	3.9
6	☐	250.000	258.348	1839829.45	0.1498	A	1.2
7	☐	500.000	519.698	3648378.73	0.3012	A	2.2
8	☐	1000.000	987.258	7143177.77	0.5722	A	0.8
9	☐			19467.70	0.0016	P	4.7

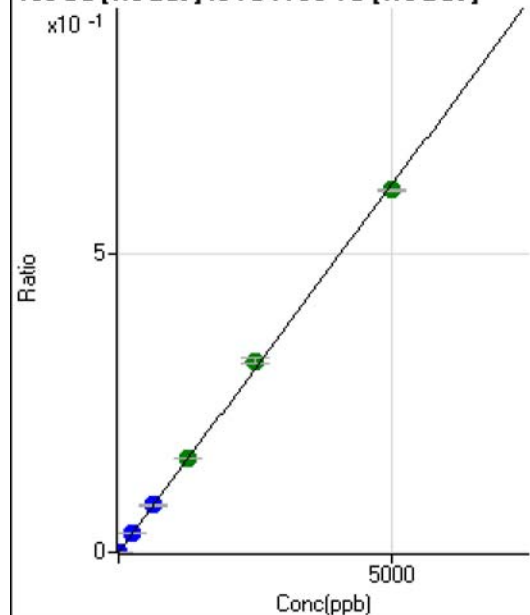
$$y = 5.7961\text{E-}004 * x + 1.1345\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01201$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	95.6
2	☐	1.000					
3	☐	10.000	10.740	15893.47	0.0013	P	4.9
4	☐	250.000	269.871	392994.64	0.0334	P	2.3
5	☐	625.000	652.434	1002703.55	0.0806	P	3.9
6	☐	1250.000	1289.637	1958110.42	0.1594	A	0.4
7	☐	2500.000	2600.419	3891520.70	0.3214	A	3.0
8	☐	5000.000	4935.457	7613662.50	0.6099	A	0.4
9	☐			1605.73	0.0001	P	3.1

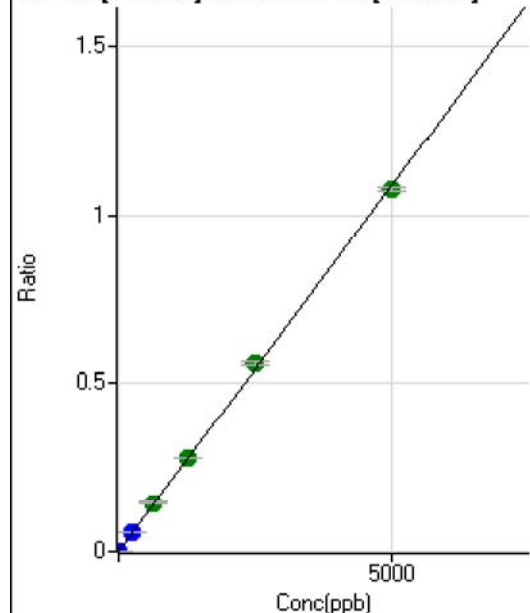
$$y = 1.2358\text{E-}004 * x + 2.3069\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.05352$$

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	16.4
2	☐	1.000					
3	☐	10.000	10.614	27668.72	0.0023	P	3.9
4	☐	250.000	269.056	689691.90	0.0585	P	2.6
5	☐	625.000	661.415	1789244.23	0.1439	A	4.3
6	☐	1250.000	1292.962	3455840.44	0.2813	A	0.6
7	☐	2500.000	2568.646	6767704.93	0.5588	A	2.2
8	☐	5000.000	4949.431	13440372.52	1.0767	A	0.9
9	☐			2717.09	0.0002	P	6.4

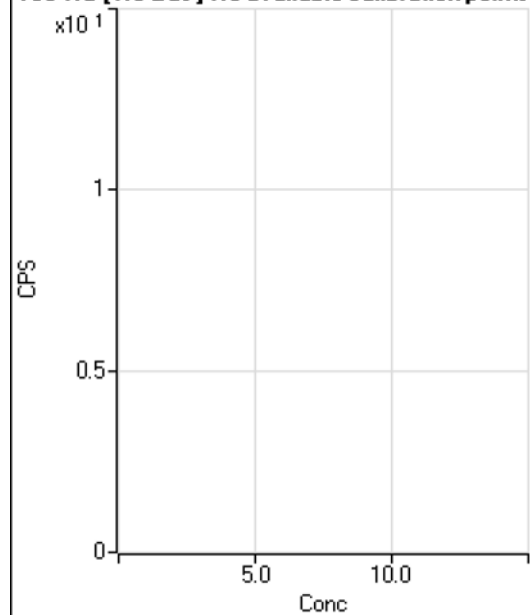
$$y = 2.1754\text{E-}004 * x + 4.6327\text{E-}006$$

$$R = 0.9998$$

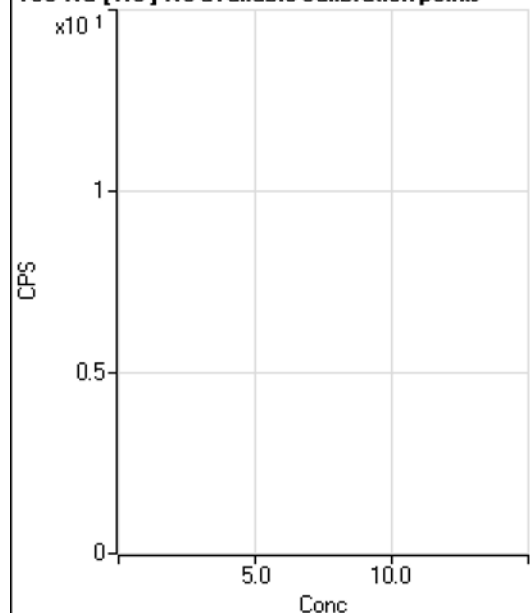
$$DL = 0.01045$$

Weight: <None>

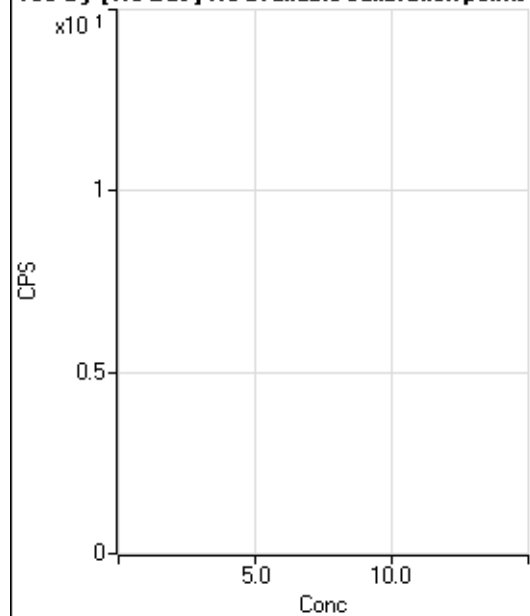
Min Conc: 0

150 Nd [No Gas] No available calibration points

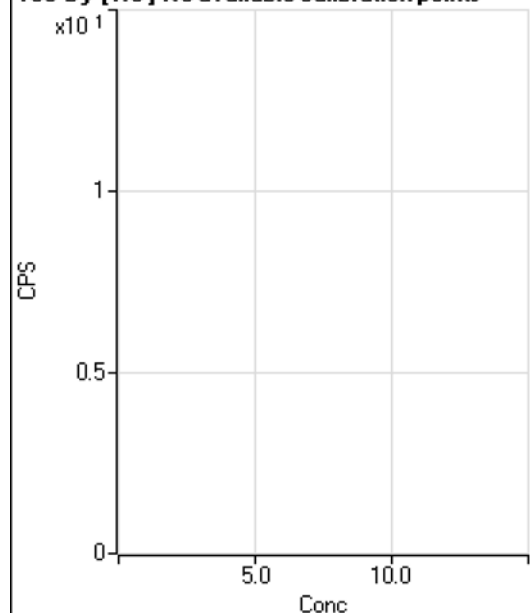
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			11.11		P	91.7
4	☐			17.78		P	57.3
5	☐			75.56		P	18.4
6	☐			57.78		P	40.5
7	☐			202.23		P	15.6
8	☐			317.79		P	13.6
9	☐			71.11		P	37.9

150 Nd [He] No available calibration points

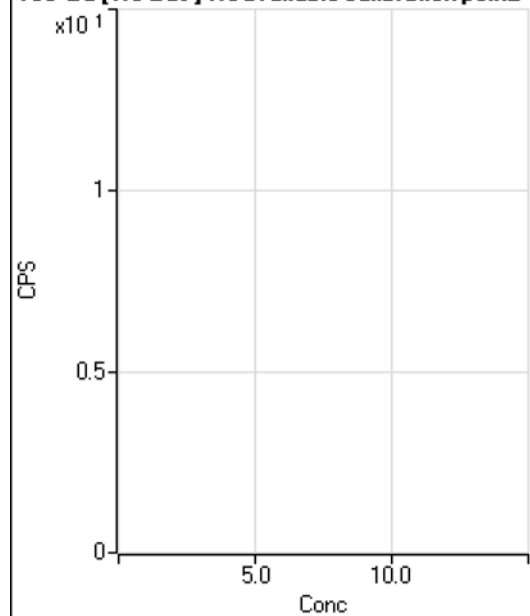
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			0.00		P	
7	☐			5.56		P	91.6
8	☐			3.33		P	100.1
9	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

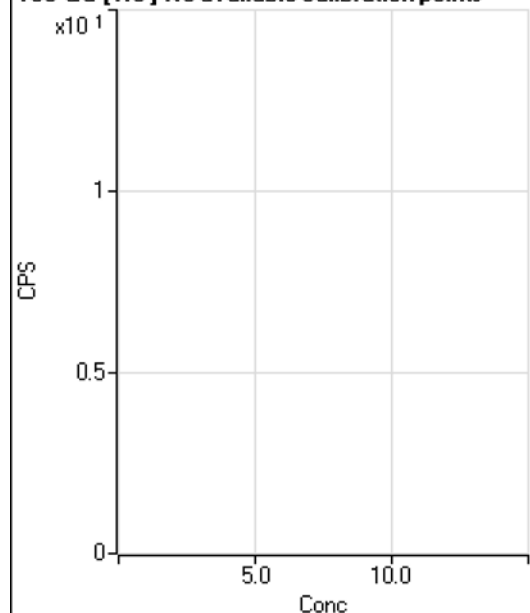
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			36.11		P	13.3
4	☐			38.89		P	12.4
5	☐			38.89		P	49.5
6	☐			58.34		P	14.3
7	☐			102.78		P	16.9
8	☐			97.23		P	26.2
9	☐			105.56		P	4.6

156 Dy [He] No available calibration points

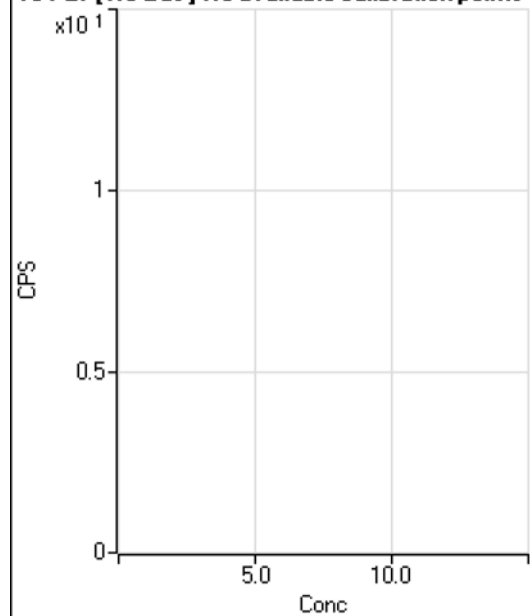
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	0.0
5	☐			0.00		P	
6	☐			3.33		P	100.1
7	☐			11.11		P	75.5
8	☐			7.78		P	89.2
9	☐			11.11		P	17.3

160 Gd [No Gas] No available calibration poin_

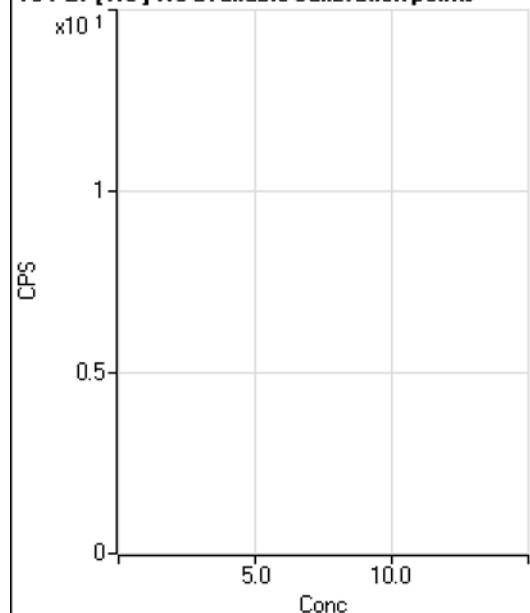
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	40.1
2	☐						
3	☐			69.45		P	66.1
4	☐			44.45		P	10.8
5	☐			86.11		P	14.8
6	☐			52.78		P	24.1
7	☐			94.45		P	18.4
8	☐			77.79		P	27.0
9	☐			150.01		P	16.7

160 Gd [He] No available calibration points

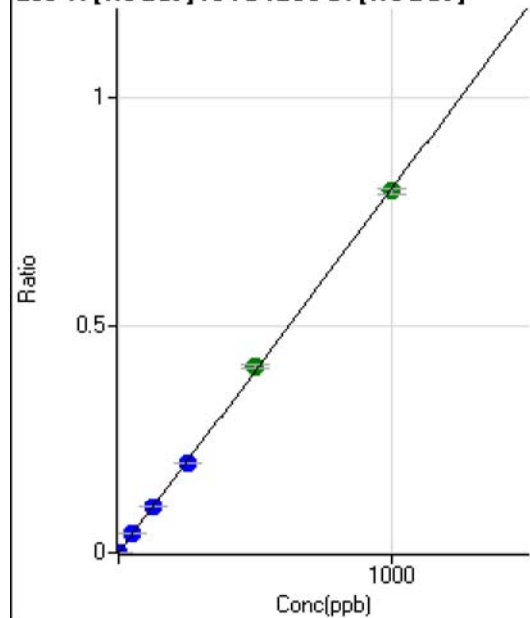
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			8.89		P	43.3
4	☐			7.78		P	89.2
5	☐			10.00		P	66.7
6	☐			6.67		P	50.0
7	☐			15.56		P	53.9
8	☐			13.33		P	75.0
9	☐			13.33		P	25.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			52.78		P	24.1
4	☐			27.78		P	45.8
5	☐			75.01		P	19.2
6	☐			22.22		P	43.3
7	☐			72.23		P	59.2
8	☐			38.89		P	32.7
9	☐			55.56		P	31.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			5.55		P	124.9
4	☐			2.22		P	86.6
5	☐			7.78		P	89.2
6	☐			5.56		P	34.7
7	☐			11.11		P	75.5
8	☐			6.67		P	86.6
9	☐			3.33		P	173.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0000	P	49.2
2	☐	0.100					
3	☐	1.000	1.047	6574.28	0.0009	P	8.5
4	☐	50.000	51.260	306664.41	0.0411	P	2.3
5	☐	125.000	126.960	788998.33	0.1018	P	3.0
6	☐	250.000	249.097	1540997.96	0.1997	P	0.7
7	☐	500.000	510.254	3115203.35	0.4091	A	2.1
8	☐	1000.000	994.791	6163518.20	0.7976	A	1.3
9	☐			3914.70	0.0005	P	4.0

$$y = 8.0179\text{E-}004 * x + 2.4153\text{E-}005$$

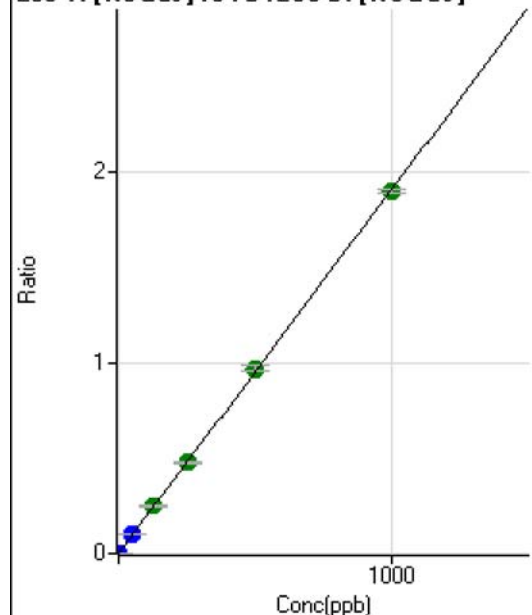
$$R = 0.9999$$

$$DL = 0.04445$$

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	505.59	0.0001	P	16.7
2	☐	0.100					
3	☐	1.000	1.077	16166.50	0.0021	P	2.8
4	☐	50.000	51.933	739728.99	0.0992	P	1.7
5	☐	125.000	129.684	1918305.47	0.2476	A	3.7
6	☐	250.000	251.664	3706387.50	0.4804	A	1.0
7	☐	500.000	507.308	7372566.49	0.9684	A	2.9
8	☐	1000.000	995.247	14680189.39	1.8997	A	1.0
9	☐			8792.30	0.0012	P	4.0

$$y = 0.0019 * x + 6.6388E-005$$

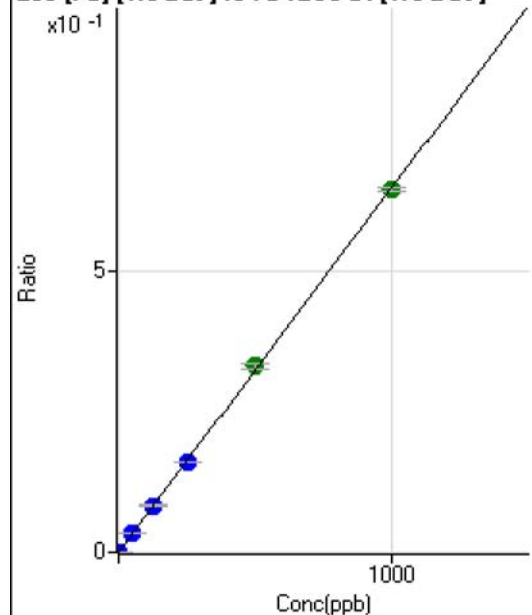
$$R = 1.0000$$

$$DL = 0.01745$$

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	266.68	0.0000	P	9.3
2	☐	0.100					
3	☐	1.000	1.088	5653.26	0.0007	P	4.4
4	☐	50.000	51.742	251090.70	0.0337	P	2.4
5	☐	125.000	127.401	642078.23	0.0829	P	2.8
6	☐	250.000	247.553	1241803.82	0.1610	P	0.9
7	☐	500.000	509.830	2523690.31	0.3315	A	2.4
8	☐	1000.000	995.309	5000209.31	0.6471	A	1.0
9	☐			28012.92	0.0038	P	0.9

$$y = 6.5009E-004 * x + 3.4983E-005$$

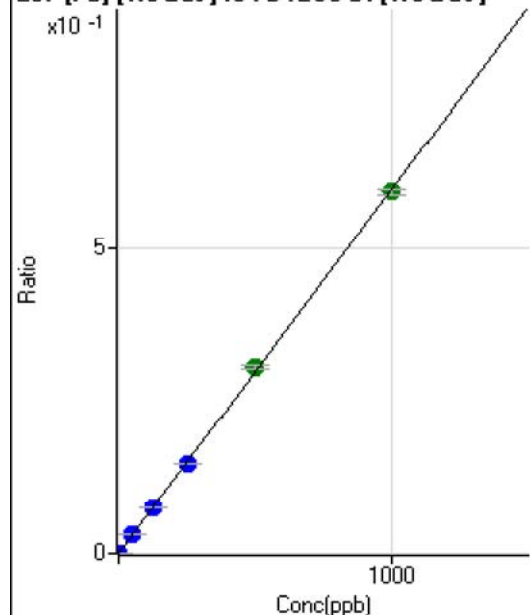
$$R = 0.9999$$

$$DL = 0.01503$$

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	270.38	0.0000	P	5.0
2	☐	0.100					
3	☐	1.000	1.052	5040.07	0.0007	P	6.6
4	☐	50.000	51.065	227064.18	0.0304	P	1.7
5	☐	125.000	126.388	583572.16	0.0753	P	2.9
6	☐	250.000	246.359	1132201.54	0.1468	P	0.9
7	☐	500.000	511.205	2318494.58	0.3045	A	1.9
8	☐	1000.000	995.081	4579784.02	0.5927	A	1.3
9	☐			23700.45	0.0032	P	1.6

$$y = 5.9557\text{E-}004 * x + 3.5436\text{E-}005$$

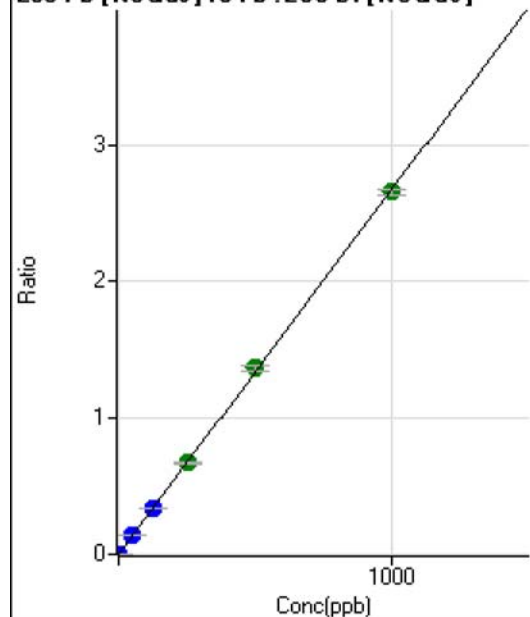
$$R = 0.9999$$

$$DL = 0.008906$$

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	1116.72	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	1.048	22436.13	0.0029	P	4.0
4	☐	50.000	51.331	1023096.58	0.1372	P	2.2
5	☐	125.000	126.805	2624607.23	0.3387	P	3.1
6	☐	250.000	250.924	5169761.07	0.6701	A	0.6
7	☐	500.000	509.934	10366664.18	1.3617	A	2.8
8	☐	1000.000	994.510	20519443.23	2.6555	A	1.3
9	☐			109945.19	0.0150	P	0.6

$$y = 0.0027 * x + 1.4646\text{E-}004$$

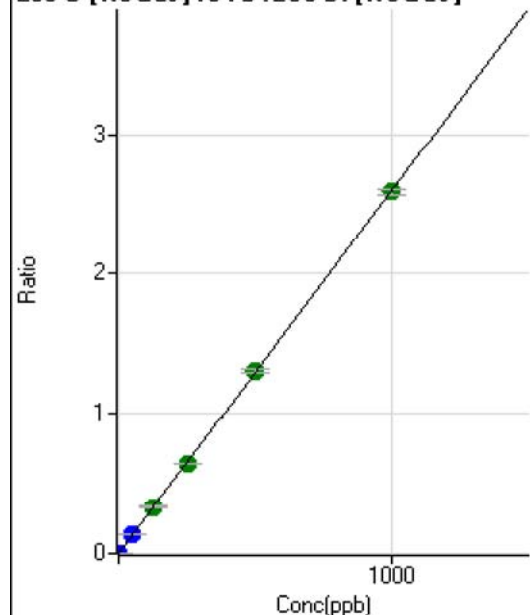
$$R = 0.9999$$

$$DL = 0.01203$$

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	27.78	0.0000	P	35.8
2	☐	0.100					
3	☐	1.000	1.030	20406.43	0.0027	P	2.5
4	☐	50.000	50.678	981081.68	0.1316	P	1.3
5	☐	125.000	128.084	2576335.37	0.3325	A	3.4
6	☐	250.000	250.293	5012441.26	0.6497	A	0.3
7	☐	500.000	502.431	9930368.28	1.3042	A	2.0
8	☐	1000.000	998.292	20023918.16	2.5914	A	1.4
9	☐			1878.02	0.0003	P	17.0

$$y = 0.0026 * x + 3.6546E-006$$

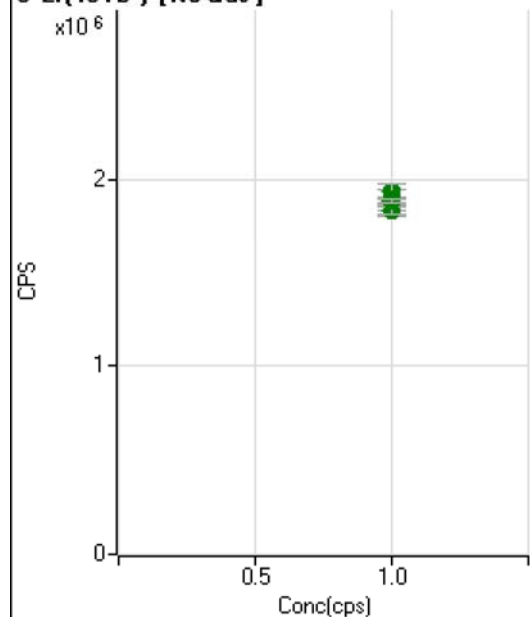
$$R = 1.0000$$

$$DL = 0.001514$$

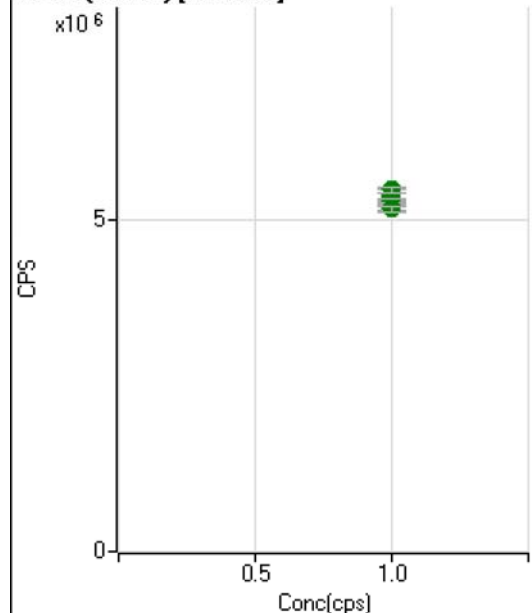
Weight: <None>

Min Conc: 0

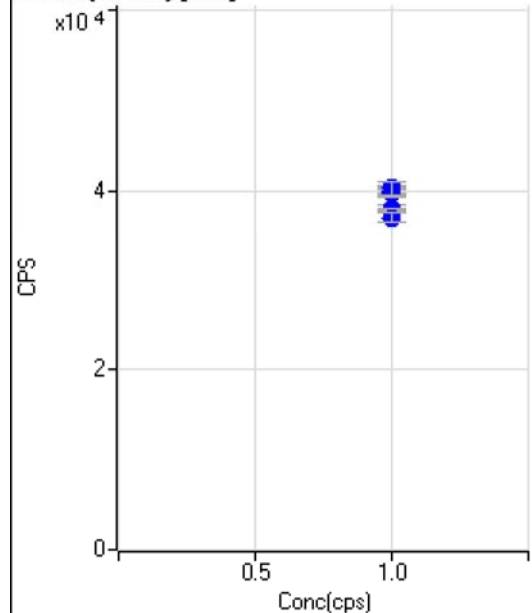
6 Li(ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1881185.32		A	1.1
2	☐	1.000					
3	☐	1.000		1911002.26		A	4.1
4	☐	1.000		1856652.04		A	1.9
5	☐	1.000		1933932.31		A	4.4
6	☐	1.000		1891226.66		A	1.6
7	☐	1.000		1839405.76		A	3.8
8	☐	1.000		1833429.40		A	1.8
9	☐	1.000		1887054.74		A	1.0

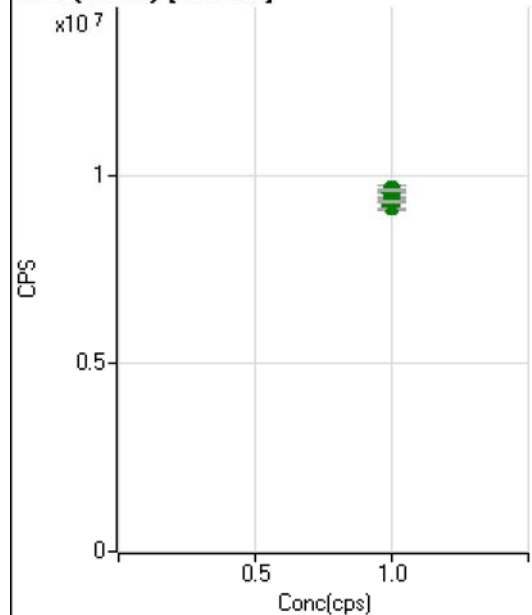
45 Sc(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5248182.28		A	1.6
2	☐	1.000					
3	☐	1.000		5352881.11		A	2.3
4	☐	1.000		5219799.73		A	3.2
5	☐	1.000		5363949.12		A	3.9
6	☐	1.000		5284956.54		A	0.9
7	☐	1.000		5167182.93		A	2.2
8	☐	1.000		5160559.57		A	1.4
9	☐	1.000		5452376.90		A	1.7

45 Sc(ISTD) [He]

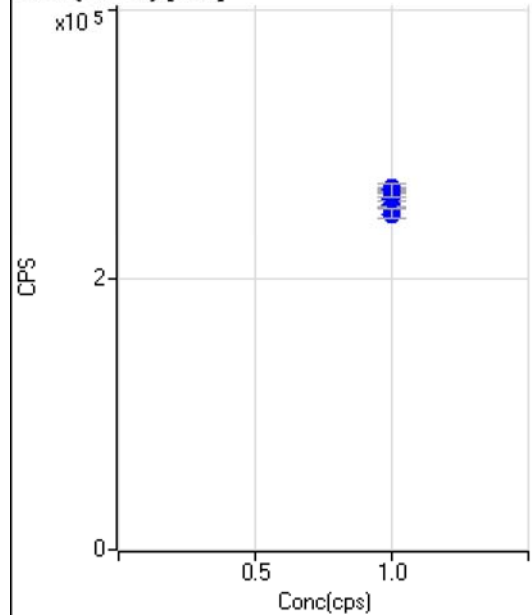
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39757.48		P	1.8
2	☐	1.000					
3	☐	1.000		40170.85		P	2.2
4	☐	1.000		39945.81		P	2.4
5	☐	1.000		39722.80		P	2.0
6	☐	1.000		37990.35		P	2.1
7	☐	1.000		37992.43		P	0.7
8	☐	1.000		37060.14		P	3.2
9	☐	1.000		40342.45		P	3.5

89 Y (ISTD) [No Gas]

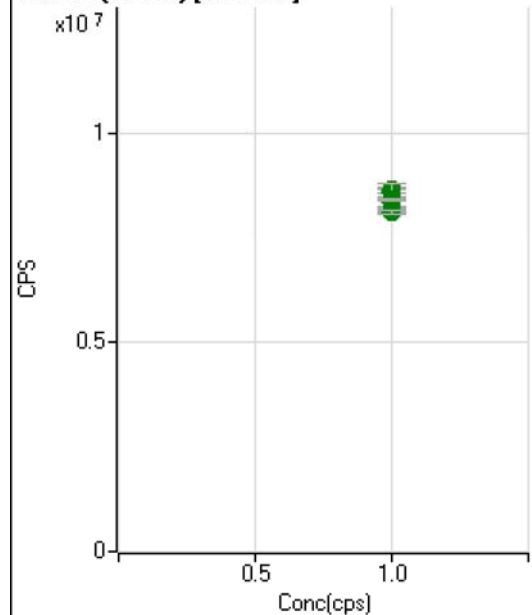


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9388540.90		A	0.4
2	☐	1.000					
3	☐	1.000		9395887.71		A	2.3
4	☐	1.000		9163274.24		A	1.9
5	☐	1.000		9529570.48		A	3.5
6	☐	1.000		9390996.87		A	0.9
7	☐	1.000		9229658.06		A	2.8
8	☐	1.000		9303908.33		A	0.6
9	☐	1.000		9601669.16		A	0.8

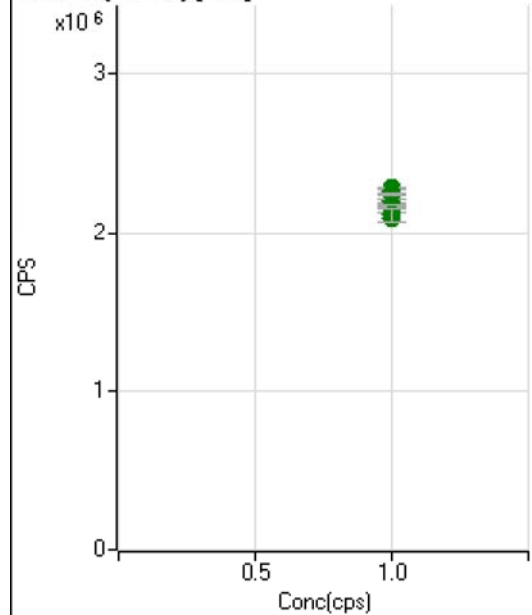
89 Y (ISTD) [He]



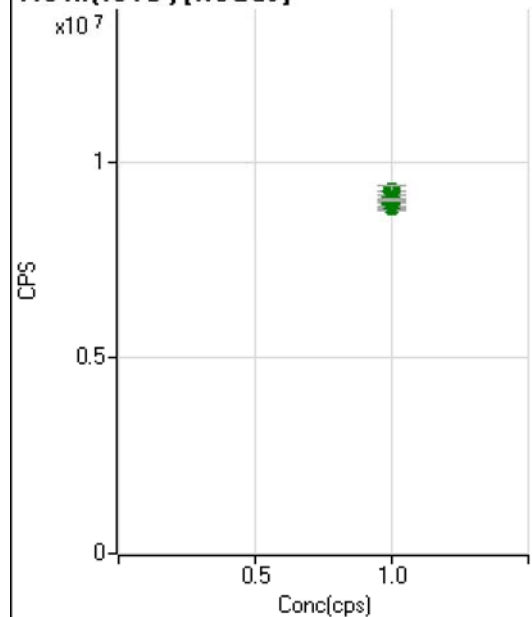
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		259897.61		P	1.3
2	☐	1.000					
3	☐	1.000		268383.66		P	0.8
4	☐	1.000		266612.33		P	2.0
5	☐	1.000		265369.66		P	0.8
6	☐	1.000		255894.57		P	2.4
7	☐	1.000		254420.81		P	0.4
8	☐	1.000		249512.03		P	2.6
9	☐	1.000		266768.16		P	3.9

103 Rh(ISTD) [NoGas]

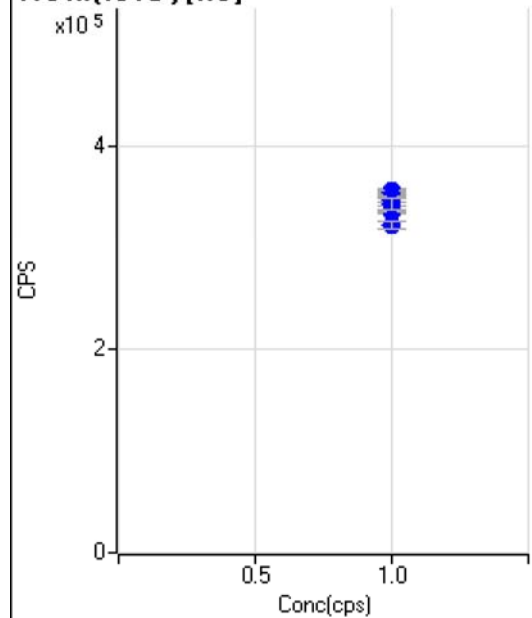
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8607761.31		A	0.7
2	☐	1.000					
3	☐	1.000		8541735.87		A	3.3
4	☐	1.000		8319894.03		A	1.7
5	☐	1.000		8636293.77		A	3.5
6	☐	1.000		8408802.44		A	0.7
7	☐	1.000		8142525.88		A	2.3
8	☐	1.000		8150453.83		A	0.7
9	☐	1.000		8108265.55		A	1.0

103 Rh(ISTD) [He]

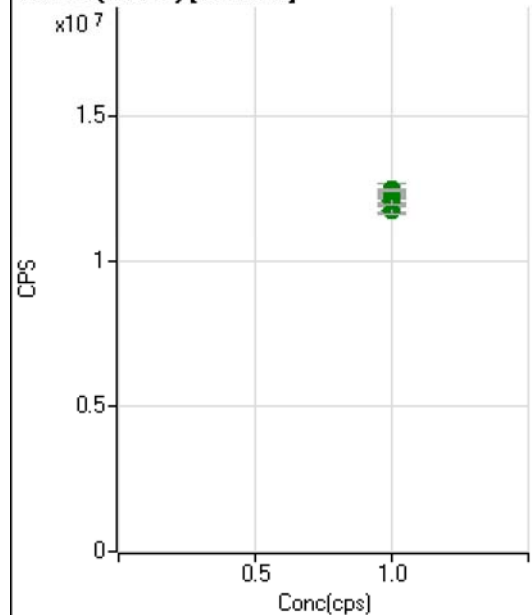
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2199264.32		A	1.4
2	☐	1.000					
3	☐	1.000		2284589.81		A	0.9
4	☐	1.000		2267516.11		A	1.8
5	☐	1.000		2246247.00		A	0.2
6	☐	1.000		2176907.52		A	1.6
7	☐	1.000		2170656.93		A	0.5
8	☐	1.000		2097972.75		A	2.9
9	☐	1.000		2116407.12		A	3.8

115 In(ISTD) [NoGas]

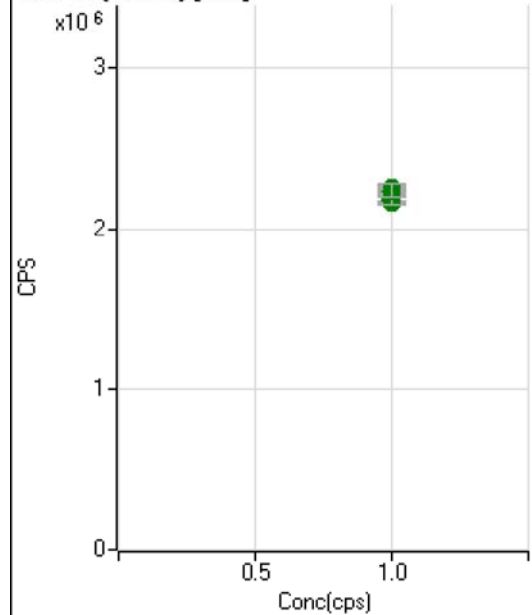
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9105469.78		A	0.9
2	☐	1.000					
3	☐	1.000		9109671.95		A	2.8
4	☐	1.000		8886915.07		A	1.9
5	☐	1.000		9230885.37		A	3.7
6	☐	1.000		9055109.52		A	2.0
7	☐	1.000		8874759.12		A	2.9
8	☐	1.000		8940728.80		A	1.6
9	☐	1.000		9023809.70		A	0.6

115 In(ISTD) [He]

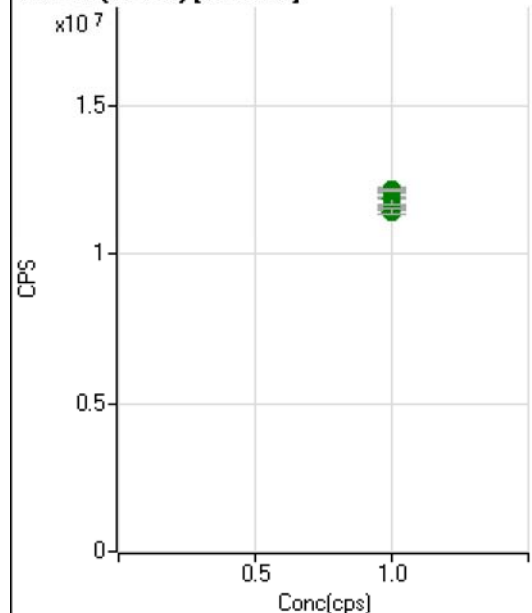
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		347530.54		P	2.1
2	☐	1.000					
3	☐	1.000		355392.14		P	1.1
4	☐	1.000		354963.33		P	1.0
5	☐	1.000		350315.11		P	0.2
6	☐	1.000		337619.39		P	2.0
7	☐	1.000		335527.83		P	0.3
8	☐	1.000		322017.41		P	2.4
9	☐	1.000		343045.97		P	3.5

159 Tb(ISTD) [NoGas]

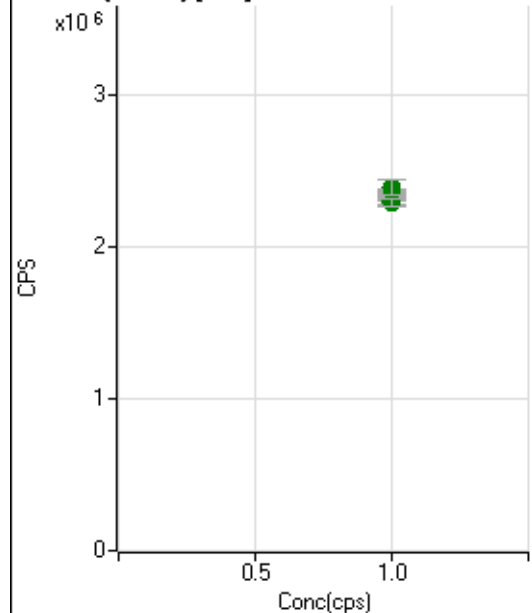
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11980800.93		A	1.1
2	☐	1.000					
3	☐	1.000		11970235.93		A	4.3
4	☐	1.000		11786602.74		A	2.0
5	☐	1.000		12450264.26		A	4.4
6	☐	1.000		12286837.18		A	1.0
7	☐	1.000		12116199.26		A	2.7
8	☐	1.000		12483439.12		A	0.9
9	☐	1.000		12465119.82		A	0.8

159 Tb(ISTD) [He]

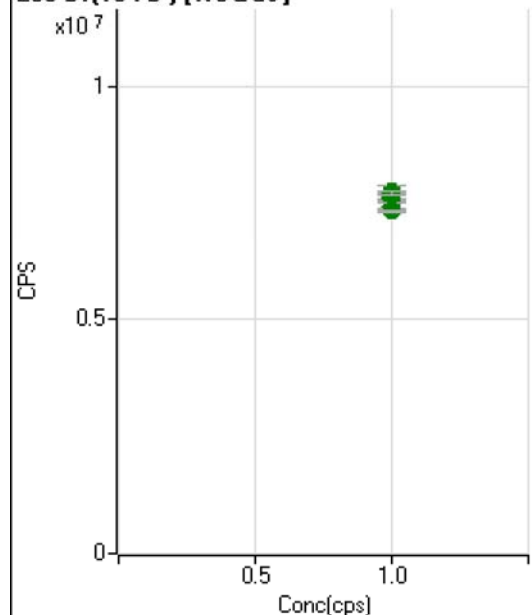
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2160168.91		A	1.0
2	☐	1.000					
3	☐	1.000		2251058.89		A	2.0
4	☐	1.000		2239876.93		A	1.5
5	☐	1.000		2256087.69		A	0.5
6	☐	1.000		2186511.60		A	2.4
7	☐	1.000		2230642.55		A	0.3
8	☐	1.000		2171512.71		A	2.1
9	☐	1.000		2241064.95		A	4.0

¹⁶⁵Ho(ISTD) [NoGas]

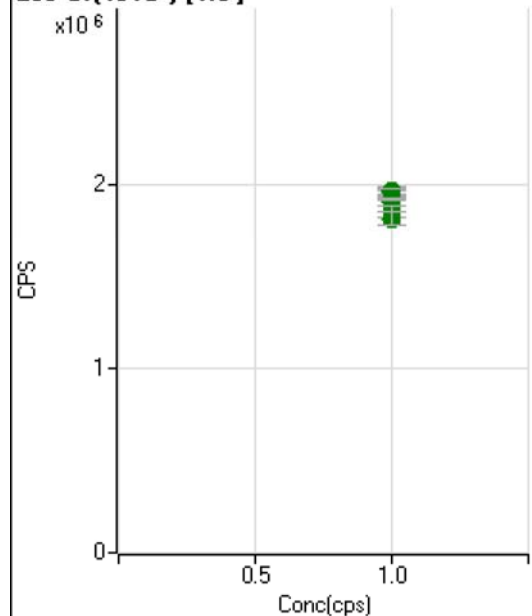
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11643135.68		A	0.5
2	☐	1.000					
3	☐	1.000		11685930.12		A	3.2
4	☐	1.000		11467217.10		A	1.8
5	☐	1.000		12068443.67		A	3.1
6	☐	1.000		11923712.68		A	0.2
7	☐	1.000		11894882.56		A	3.2
8	☐	1.000		12143955.91		A	0.6
9	☐	1.000		12195590.20		A	0.6

¹⁶⁵Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2299134.39		A	1.0
2	☐	1.000					
3	☐	1.000		2359915.33		A	0.4
4	☐	1.000		2373119.15		A	0.8
5	☐	1.000		2371638.76		A	0.4
6	☐	1.000		2314519.93		A	2.4
7	☐	1.000		2341173.80		A	0.5
8	☐	1.000		2292153.51		A	2.1
9	☐	1.000		2393145.96		A	4.2

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7631509.12		A	1.9
2	☐	1.000					
3	☐	1.000		7622544.68		A	2.4
4	☐	1.000		7458533.43		A	1.3
5	☐	1.000		7754637.04		A	3.7
6	☐	1.000		7714877.73		A	0.5
7	☐	1.000		7616298.43		A	2.1
8	☐	1.000		7728161.34		A	1.5
9	☐	1.000		7338615.24		A	0.3

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1898641.83		A	1.9
2	☐	1.000					
3	☐	1.000		1955982.28		A	1.5
4	☐	1.000		1957562.09		A	2.5
5	☐	1.000		1962525.48		A	1.5
6	☐	1.000		1899749.38		A	2.1
7	☐	1.000		1920302.40		A	0.5
8	☐	1.000		1848411.66		A	3.6
9	☐	1.000		1814627.87		A	4.5

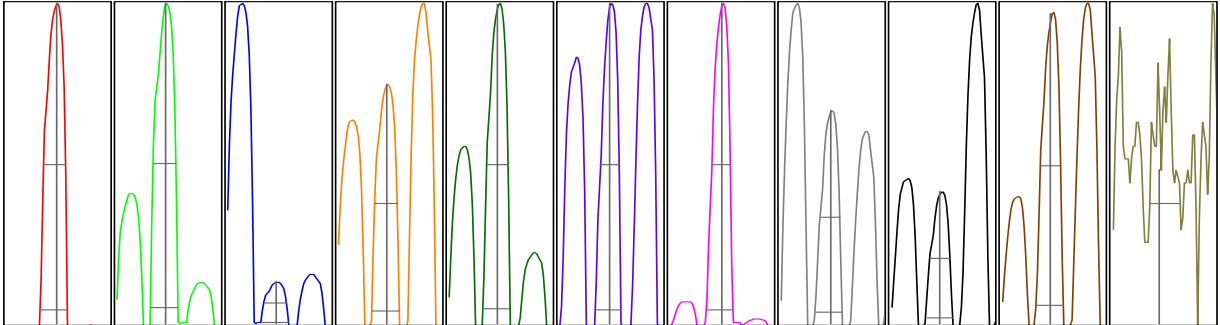
US EPA Tune Check Sample Report

Batch Folder D:\P8071318MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6223	1.66	5.00	
24	99386	1.83	5.00	
25	13552	2.10	5.00	
26	15787	2.12	5.00	
59	63563	2.80	5.00	
113	9422	2.60	5.00	
115	124837	3.09	5.00	
206	27299	2.67	5.00	
207	24961	2.22	5.00	
208	59701	1.83	5.00	
220	1	26.25		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6139	6091	6289	6260	6335
24	99925	96179	99879	100607	100342
25	13704	13050	13611	13729	13667
26	16034	15212	15835	16016	15836
59	65427	60798	63525	64767	63298
113	9755	9217	9402	9569	9167
115	129546	122480	124589	127628	119945
206	27866	27032	26593	28263	26742
207	25263	24894	24279	25716	24656
208	59849	59933	58103	61144	59477
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	10682	9.00	8.9 - 9.1		0.777	0.900	
24	164313	23.95	23.9 - 24.1		0.786	0.900	
25	22366	24.95	24.9 - 25.1		0.786	0.900	
26	26267	25.95	25.9 - 26.1		0.785	0.900	
59	110680	58.95	58.9 - 59.1		0.777	0.900	
113	17828	113.00	112.9 - 113.1		0.727	0.900	
115	235060	115.05	114.9 - 115.1		0.761	0.900	
206	49954	206.00	205.9 - 206.1		0.775	0.900	
207	45231	206.95	206.9 - 207.1		0.776	0.900	
208	108929	207.95	207.9 - 208.1		0.780	0.900	
220	1	219.90	-				

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	9.1	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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	8014	0.96	
89	7686	1.50	
205	11856	1.33	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8072	8075	8060	7950	7912
89	7770	7771	7766	7587	7536
205	11918	11942	12008	11806	11606

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	9.1	V	Deflect	2.4	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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	190	V			

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	3.30	-3.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.06	-0.02	-0.04	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.39	-0.08	-0.31	0.00	N/A	ppb
Boron	11-1	0.09	-0.09	0.00	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.06	-0.01	0.00	N/A	ppb
Cadmium	106-1	1.04	-0.86	-0.18	0.00	N/A	ppb
Cadmium	108-1	0.04	0.00	-0.04	0.00	N/A	ppb
Calcium	43-1	-0.39	-0.56	0.95	0.00	N/A	ppb
Calcium	44-1	-2.18	1.06	1.12	0.00	N/A	ppb
Chromium	52-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.04	-0.05	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.12	-0.10	0.00	N/A	ppb
Iron	57-2	2.23	-2.09	-0.14	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	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	-1.18	0.65	0.53	0.00	N/A	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.06	0.07	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.03	-0.05	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	-16.79	5.86	10.93	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.20	-2.20	4.39	0.00	N/A	ppb
Selenium	78-2	0.36	-1.97	1.61	0.00	N/A	ppb
Selenium	82-1	-0.49	-0.07	0.56	0.00	N/A	ppb
Silicon	28-1	-0.39	0.81	-0.42	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.14	1.15	-1.29	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-155.85	355.47	-7.96	63.89	411.85	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.02	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.17	-0.13	-0.04	0.00	N/A	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

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	-0.02	0.00	0.02	0.00	N/A	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.00	29.04	16.00	21.68	30.81	ppb
Antimony	121-1	2.00	2.07	2.20	2.09	4.73	ppb
Arsenic	75-2	1.25	0.93	0.96	1.04	16.85	ppb
Barium	135-1	10.52	10.36	11.35	10.74	4.96	ppb
Barium	137-1	10.17	10.70	10.98	10.61	3.86	ppb
Beryllium	9-1	1.16	1.02	1.15	1.11	6.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	23.74	25.01	27.69	25.48	7.92	ppb
Boron	11-1	24.01	25.06	27.50	25.52	7.03	ppb
Cadmium	111-1	1.03	0.98	1.03	1.01	2.49	ppb
Cadmium	106-1	1.22	0.03	-0.56	0.23	389.48	ppb
Cadmium	108-1	0.96	0.97	1.71	1.21	35.37	ppb
Calcium	43-1	493.50	517.19	544.19	518.29	4.89	ppb
Calcium	44-1	493.36	499.00	528.02	506.79	3.67	ppb
Chromium	52-2	1.92	2.37	2.11	2.14	10.55	ppb
Cobalt	59-2	1.09	1.21	1.04	1.11	7.98	ppb
Copper	63-2	2.05	2.12	2.20	2.12	3.61	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				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	52.39	54.21	54.66	53.75	2.23	ppb
Iron	57-2	55.73	50.75	59.30	55.26	7.77	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.09	1.14	1.09	4.60	ppb
Lead	207-1	0.99	1.03	1.13	1.05	6.97	ppb
Lead	208-1	1.02	1.03	1.10	1.05	4.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	468.25	523.53	500.89	497.56	5.59	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.25	0.96	1.12	1.11	13.05	ppb
Molybdenum	94-1	5.34	5.21	5.21	5.25	1.46	ppb
Molybdenum	95-1	5.13	5.09	5.39	5.20	3.15	ppb
Molybdenum	96-1	5.12	5.20	5.05	5.12	1.38	ppb
Molybdenum	97-1	5.27	4.93	5.47	5.22	5.24	ppb
Molybdenum	98-1	4.98	5.26	5.53	5.26	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.17	1.15	1.18	3.84	ppb
Phosphorus	31-2	-4.56	22.82	-4.56	4.56	346.41	ppb
Potassium	39-2	519.94	497.44	555.38	524.25	5.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-2.20	16.85	10.60	8.42	115.36	ppb
Selenium	78-2	1.44	2.62	3.81	2.62	45.08	ppb
Selenium	82-1	5.97	5.51	5.69	5.72	4.09	ppb
Silicon	28-1	15.36	15.52	19.27	16.72	13.23	ppb
Silver	109-1	1.11	1.13	1.25	1.16	6.23	ppb
Silver	107-1	1.13	1.19	1.25	1.19	5.07	ppb
Sodium	23-2	492.45	532.75	538.75	521.32	4.83	ppb
Strontium	86-1	1.13	1.13	1.00	1.08	7.02	ppb
Strontium	88-1	1.04	1.05	1.19	1.09	8.08	ppb
Sulfur	34-1	-283.21	-203.83	295.37	-63.89		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	1.02	0.97	1.15	1.05	8.75	ppb
Thallium	205-1	1.06	1.06	1.11	1.08	2.92	ppb
Tin	118-1	5.25	5.40	5.79	5.48	5.04	ppb
Titanium	47-1	5.47	5.23	6.41	5.71	10.96	ppb
Uranium	238-1	1.00	1.03	1.06	1.03	2.50	ppb
Vanadium	51-2	4.95	5.17	4.79	4.97	3.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2.34	2.20	2.53	2.36	7.15	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	1.02	1.10	1.03	6.74	ppb
Zirconium	91-1	0.95	1.05	1.01	1.00	4.87	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	963.32	1001.75	923.87	962.98	4.04	ppb
Antimony	121-1	52.12	52.40	54.98	53.17	2.97	ppb
Arsenic	75-2	51.07	49.44	47.46	49.32	3.67	ppb
Barium	135-1	265.75	267.01	276.85	269.87	2.25	ppb
Barium	137-1	266.39	263.85	276.93	269.06	2.58	ppb
Beryllium	9-1	53.96	53.67	55.18	54.27	1.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	52.58	51.46	54.68	52.91	3.09	ppb
Boron	11-1	51.15	51.03	54.13	52.10	3.37	ppb
Cadmium	111-1	54.03	53.75	56.59	54.79	2.86	ppb
Cadmium	106-1	50.58	52.99	56.38	53.32	5.47	ppb
Cadmium	108-1	55.58	55.64	55.49	55.57	0.13	ppb
Calcium	43-1	4958.77	4984.83	5272.68	5072.09	3.43	ppb
Calcium	44-1	5020.15	5046.26	5397.15	5154.52	4.08	ppb
Chromium	52-2	51.58	49.88	48.86	50.11	2.74	ppb
Cobalt	59-2	51.86	50.78	49.55	50.73	2.27	ppb
Copper	63-2	104.39	101.13	99.91	101.81	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	2626.76	2515.25	2499.23	2547.08	2.73	ppb
Iron	57-2	2573.79	2474.23	2455.83	2501.28	2.54	ppb
Krypton	83-1						cps
Lead	206-1	50.86	51.22	53.15	51.74	2.38	ppb
Lead	207-1	50.37	50.77	52.06	51.06	1.73	ppb
Lead	208-1	50.56	50.82	52.61	51.33	2.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	5140.07	4979.76	4865.50	4995.11	2.76	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.82	100.06	99.56	100.81	1.74	ppb
Molybdenum	94-1	257.90	254.00	263.81	258.57	1.91	ppb
Molybdenum	95-1	258.25	256.92	265.52	260.23	1.78	ppb
Molybdenum	96-1	258.64	259.57	266.95	261.72	1.74	ppb
Molybdenum	97-1	256.52	254.53	265.56	258.87	2.27	ppb
Molybdenum	98-1	257.94	256.11	265.71	259.92	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.05	50.77	49.73	50.85	2.29	ppb
Phosphorus	31-2	1026.44	1016.64	954.38	999.15	3.91	ppb
Potassium	39-2	2521.12	2428.48	2436.36	2461.99	2.09	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	43.52	23.21	41.73	36.16	31.11	ppb
Selenium	78-2	38.17	46.26	49.08	44.51	12.72	ppb
Selenium	82-1	54.84	51.78	56.86	54.49	4.70	ppb
Silicon	28-1	57.75	58.16	65.64	60.52	7.35	ppb
Silver	109-1	54.74	55.38	57.76	55.96	2.85	ppb
Silver	107-1	54.68	54.42	56.57	55.22	2.13	ppb
Sodium	23-2	5085.53	4921.12	4772.07	4926.24	3.18	ppb
Strontium	86-1	52.38	50.43	52.96	51.92	2.56	ppb
Strontium	88-1	52.36	51.80	53.72	52.63	1.87	ppb
Sulfur	34-1	1064.28	955.43	1986.74	1335.48	42.43	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	50.72	50.45	52.61	51.26	2.30	ppb
Thallium	205-1	51.46	51.38	52.96	51.93	1.72	ppb
Tin	118-1	53.24	52.90	55.03	53.72	2.13	ppb
Titanium	47-1	254.57	252.67	271.15	259.46	3.92	ppb
Uranium	238-1	50.44	50.18	51.41	50.68	1.28	ppb
Vanadium	51-2	50.69	49.92	49.05	49.88	1.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	107.57	100.57	100.85	103.00	3.85	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.21	50.61	52.76	51.53	2.15	ppb
Zirconium	91-1	50.80	49.50	52.05	50.78	2.51	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2365.34	2623.25	2525.67	2504.75	5.20	ppb
Antimony	121-1	124.26	132.86	133.43	130.18	3.95	ppb
Arsenic	75-2	123.68	123.06	125.86	124.20	1.18	ppb
Barium	135-1	623.50	662.27	671.54	652.43	3.91	ppb
Barium	137-1	628.68	674.48	681.08	661.42	4.32	ppb
Beryllium	9-1	126.91	130.29	137.02	131.41	3.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	120.14	125.25	137.81	127.73	7.12	ppb
Boron	11-1	121.61	126.18	134.86	127.55	5.28	ppb
Cadmium	111-1	127.50	134.70	136.02	132.74	3.46	ppb
Cadmium	106-1	128.37	135.11	138.74	134.07	3.93	ppb
Cadmium	108-1	129.98	140.21	137.77	135.99	3.93	ppb
Calcium	43-1	12079.04	12737.11	12848.25	12554.80	3.31	ppb
Calcium	44-1	11984.69	12698.73	12799.16	12494.19	3.55	ppb
Chromium	52-2	120.33	126.73	124.80	123.95	2.65	ppb
Cobalt	59-2	123.09	126.64	126.83	125.52	1.68	ppb
Copper	63-2	245.76	255.25	251.65	250.89	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	6249.65	6499.07	6364.99	6371.23	1.96	ppb
Iron	57-2	6059.52	6259.42	6198.23	6172.39	1.66	ppb
Krypton	83-1						cps
Lead	206-1	123.47	128.13	130.61	127.40	2.84	ppb
Lead	207-1	122.41	127.13	129.63	126.39	2.90	ppb
Lead	208-1	122.54	127.67	130.21	126.80	3.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	12117.18	12337.29	12231.77	12228.75	0.90	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	244.47	256.78	250.08	250.44	2.46	ppb
Molybdenum	94-1	626.25	649.89	670.01	648.71	3.38	ppb
Molybdenum	95-1	620.34	653.00	668.33	647.22	3.79	ppb
Molybdenum	96-1	631.25	666.89	669.75	655.96	3.27	ppb
Molybdenum	97-1	610.59	642.40	657.03	636.67	3.73	ppb
Molybdenum	98-1	623.83	659.99	661.38	648.40	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.20	127.14	125.66	125.34	1.59	ppb
Phosphorus	31-2	2716.94	2350.83	2272.25	2446.67	9.70	ppb
Potassium	39-2	5973.39	6129.84	5992.44	6031.89	1.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	118.73	133.62	113.27	121.88	8.64	ppb
Selenium	78-2	140.70	145.33	123.26	136.43	8.53	ppb
Selenium	82-1	126.53	130.07	137.35	131.32	4.20	ppb
Silicon	28-1	136.61	149.68	155.35	147.21	6.53	ppb
Silver	109-1	128.11	135.67	137.27	133.68	3.66	ppb
Silver	107-1	127.16	135.17	136.14	132.83	3.71	ppb
Sodium	23-2	11922.34	12367.06	12217.23	12168.87	1.86	ppb
Strontium	86-1	122.25	129.35	129.91	127.17	3.36	ppb
Strontium	88-1	125.44	131.62	132.79	129.95	3.04	ppb
Sulfur	34-1	1558.13	2582.25	2865.05	2335.14	29.45	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	122.86	127.73	130.29	126.96	2.97	ppb
Thallium	205-1	125.15	129.14	134.76	129.68	3.72	ppb
Tin	118-1	124.05	132.51	134.74	130.43	4.32	ppb
Titanium	47-1	613.80	654.43	659.71	642.65	3.91	ppb
Uranium	238-1	123.08	130.35	130.82	128.08	3.39	ppb
Vanadium	51-2	121.74	125.90	124.03	123.89	1.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	247.64	256.20	254.78	252.87	1.81	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.23	130.30	132.24	128.59	3.69	ppb
Zirconium	91-1	120.86	127.53	130.65	126.35	3.96	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5184.85	5108.88	4831.24	5041.66	3.69	ppb
Antimony	121-1	257.47	255.65	261.93	258.35	1.25	ppb
Arsenic	75-2	260.01	255.43	248.72	254.72	2.23	ppb
Barium	135-1	1289.88	1283.93	1295.11	1289.64	0.43	ppb
Barium	137-1	1293.04	1284.76	1301.10	1292.96	0.63	ppb
Beryllium	9-1	250.40	255.92	257.45	254.59	1.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	240.89	251.00	254.29	248.73	2.81	ppb
Boron	11-1	238.96	250.78	255.00	248.25	3.35	ppb
Cadmium	111-1	259.64	256.61	260.70	258.98	0.82	ppb
Cadmium	106-1	254.56	260.98	257.56	257.70	1.25	ppb
Cadmium	108-1	255.65	254.41	264.42	258.16	2.11	ppb
Calcium	43-1	24538.85	24186.46	24866.75	24530.69	1.39	ppb
Calcium	44-1	23914.51	24271.18	24497.31	24227.67	1.21	ppb
Chromium	52-2	261.22	256.61	250.56	256.13	2.09	ppb
Cobalt	59-2	260.23	258.52	249.35	256.03	2.29	ppb
Copper	63-2	522.13	516.73	499.75	512.87	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	13155.13	13047.91	12590.94	12931.33	2.32	ppb
Iron	57-2	12959.89	12669.62	12398.85	12676.12	2.21	ppb
Krypton	83-1						cps
Lead	206-1	245.48	247.20	249.98	247.55	0.92	ppb
Lead	207-1	244.54	245.81	248.73	246.36	0.87	ppb
Lead	208-1	249.08	251.78	251.92	250.92	0.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	25620.40	25321.17	24326.94	25089.50	2.70	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	522.17	516.82	496.07	511.69	2.69	ppb
Molybdenum	94-1	1270.14	1249.36	1287.71	1269.07	1.51	ppb
Molybdenum	95-1	1264.45	1247.34	1264.62	1258.80	0.79	ppb
Molybdenum	96-1	1264.50	1247.94	1283.13	1265.19	1.39	ppb
Molybdenum	97-1	1276.60	1261.92	1293.10	1277.21	1.22	ppb
Molybdenum	98-1	1244.88	1252.11	1268.33	1255.11	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.06	258.68	253.95	258.56	1.76	ppb
Phosphorus	31-2	5034.32	4996.84	5093.21	5041.46	0.96	ppb
Potassium	39-2	12682.68	12263.58	12110.87	12352.38	2.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	277.55	230.13	160.48	222.72	26.44	ppb
Selenium	78-2	263.20	264.39	260.30	262.63	0.80	ppb
Selenium	82-1	257.72	256.37	258.00	257.36	0.34	ppb
Silicon	28-1	278.28	276.89	281.80	278.99	0.91	ppb
Silver	109-1	263.24	261.18	264.37	262.93	0.62	ppb
Silver	107-1	263.71	260.09	265.41	263.07	1.03	ppb
Sodium	23-2	25928.71	25632.92	24760.42	25440.69	2.39	ppb
Strontium	86-1	250.58	248.95	250.89	250.14	0.42	ppb
Strontium	88-1	254.57	250.23	254.28	253.02	0.96	ppb
Sulfur	34-1	4891.59	4339.06	4682.28	4637.64	6.02	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	247.70	248.38	251.21	249.10	0.75	ppb
Thallium	205-1	249.47	251.26	254.26	251.66	0.96	ppb
Tin	118-1	252.71	251.07	256.27	253.35	1.05	ppb
Titanium	47-1	1245.85	1233.31	1256.35	1245.17	0.93	ppb
Uranium	238-1	249.69	250.21	250.98	250.29	0.26	ppb
Vanadium	51-2	258.58	254.99	245.76	253.11	2.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	525.40	527.80	507.06	520.09	2.18	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	250.39	250.92	254.74	252.02	0.94	ppb
Zirconium	91-1	244.97	243.13	249.73	245.94	1.38	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9583.77	9588.63	9555.06	9575.82	0.19	ppb
Antimony	121-1	510.46	532.21	516.42	519.70	2.16	ppb
Arsenic	75-2	492.55	497.83	500.80	497.06	0.84	ppb
Barium	135-1	2558.86	2689.03	2553.37	2600.42	2.95	ppb
Barium	137-1	2537.90	2633.74	2534.29	2568.65	2.20	ppb
Beryllium	9-1	508.81	532.77	493.18	511.59	3.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	492.00	523.89	496.50	504.13	3.42	ppb
Boron	11-1	487.55	522.22	497.45	502.41	3.56	ppb
Cadmium	111-1	505.59	532.84	510.61	516.35	2.81	ppb
Cadmium	106-1	514.04	523.53	508.32	515.30	1.49	ppb
Cadmium	108-1	511.53	538.03	514.10	521.22	2.80	ppb
Calcium	43-1	49186.34	50926.49	48744.67	49619.17	2.32	ppb
Calcium	44-1	48229.73	50668.06	48433.19	49110.33	2.75	ppb
Chromium	52-2	492.45	492.78	498.00	494.41	0.63	ppb
Cobalt	59-2	498.50	493.22	498.86	496.86	0.64	ppb
Copper	63-2	992.88	977.10	996.11	988.69	1.03	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				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	25198.94	24741.24	25013.00	24984.39	0.92	ppb
Iron	57-2	24849.17	24414.99	24835.39	24699.85	1.00	ppb
Krypton	83-1						cps
Lead	206-1	501.39	524.14	503.96	509.83	2.44	ppb
Lead	207-1	509.46	521.87	502.29	511.21	1.94	ppb
Lead	208-1	501.13	526.27	502.41	509.93	2.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	49554.37	49063.53	50137.80	49585.23	1.08	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.47	982.06	992.98	988.84	0.60	ppb
Molybdenum	94-1	2468.09	2646.02	2466.47	2526.86	4.08	ppb
Molybdenum	95-1	2494.41	2629.30	2498.04	2540.58	3.02	ppb
Molybdenum	96-1	2480.49	2623.39	2489.51	2531.13	3.16	ppb
Molybdenum	97-1	2508.33	2643.07	2513.14	2554.85	2.99	ppb
Molybdenum	98-1	2484.82	2612.90	2476.86	2524.86	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.71	492.92	504.84	499.49	1.21	ppb
Phosphorus	31-2	10120.09	9674.31	9759.12	9851.17	2.40	ppb
Potassium	39-2	24243.00	23557.82	23956.40	23919.07	1.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	586.24	464.78	575.53	542.19	12.40	ppb
Selenium	78-2	473.05	482.78	494.68	483.50	2.24	ppb
Selenium	82-1	504.24	532.16	502.20	512.86	3.26	ppb
Silicon	28-1	525.00	561.04	521.88	535.97	4.06	ppb
Silver	109-1	511.49	536.82	513.57	520.63	2.70	ppb
Silver	107-1	519.53	536.28	511.74	522.52	2.40	ppb
Sodium	23-2	48923.41	48596.27	48792.10	48770.60	0.34	ppb
Strontium	86-1	497.14	522.59	495.62	505.12	3.00	ppb
Strontium	88-1	497.49	520.20	500.25	505.98	2.45	ppb
Sulfur	34-1	9965.38	10780.85	9561.37	10102.53	6.15	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	504.89	522.68	503.18	510.25	2.12	ppb
Thallium	205-1	496.88	524.14	500.90	507.31	2.90	ppb
Tin	118-1	510.91	538.67	510.43	520.00	3.11	ppb
Titanium	47-1	2510.60	2662.96	2542.71	2572.09	3.12	ppb
Uranium	238-1	496.28	514.31	496.71	502.43	2.05	ppb
Vanadium	51-2	491.70	487.49	501.70	493.63	1.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1011.35	1005.69	1010.60	1009.21	0.30	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.57	524.82	499.14	508.84	2.74	ppb
Zirconium	91-1	487.81	517.34	490.22	498.46	3.29	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18939.80	19979.48	18634.15	19184.47	3.68	ppb
Antimony	121-1	979.33	995.38	987.06	987.26	0.81	ppb
Arsenic	75-2	992.59	1035.56	973.12	1000.42	3.19	ppb
Barium	135-1	4924.94	4959.07	4922.36	4935.46	0.42	ppb
Barium	137-1	4908.92	5000.30	4939.08	4949.43	0.94	ppb
Beryllium	9-1	974.68	989.79	1011.66	992.04	1.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	946.46	1009.58	1037.22	997.75	4.66	ppb
Boron	11-1	961.75	993.20	1041.44	998.80	4.02	ppb
Cadmium	111-1	975.51	994.50	995.12	988.37	1.13	ppb
Cadmium	106-1	965.17	1000.54	1001.68	989.13	2.10	ppb
Cadmium	108-1	969.98	987.01	1000.10	985.70	1.53	ppb
Calcium	43-1	96676.89	99048.32	99377.53	98367.58	1.50	ppb
Calcium	44-1	95198.94	97980.51	95660.31	96279.92	1.55	ppb
Chromium	52-2	982.02	1042.84	979.30	1001.39	3.59	ppb
Cobalt	59-2	981.95	1040.06	977.88	999.96	3.48	ppb
Copper	63-2	1966.89	2082.40	1957.41	2002.23	3.48	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				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	49730.15	52516.72	49150.95	50465.94	3.57	ppb
Iron	57-2	48654.52	52393.39	48850.78	49966.23	4.21	ppb
Krypton	83-1						cps
Lead	206-1	986.32	1005.74	993.87	995.31	0.98	ppb
Lead	207-1	986.27	1009.52	989.45	995.08	1.27	ppb
Lead	208-1	984.45	1008.98	990.09	994.51	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	97630.03	104335.86	97388.88	99784.93	3.95	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1959.55	2083.15	1964.98	2002.56	3.49	ppb
Molybdenum	94-1	4944.35	5023.28	4967.60	4978.41	0.81	ppb
Molybdenum	95-1	4941.11	5010.78	4970.76	4974.22	0.70	ppb
Molybdenum	96-1	4939.55	5000.10	4988.90	4976.18	0.65	ppb
Molybdenum	97-1	4931.40	4985.00	4975.21	4963.87	0.57	ppb
Molybdenum	98-1	4971.83	4995.43	4981.35	4982.87	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	976.75	1038.46	978.88	998.03	3.51	ppb
Phosphorus	31-2	19703.61	20245.95	20262.71	20070.76	1.58	ppb
Potassium	39-2	47382.23	50041.11	47210.37	48211.23	3.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	1046.16	946.44	967.78	986.79	5.32	ppb
Selenium	78-2	1005.44	1019.26	987.15	1003.95	1.60	ppb
Selenium	82-1	986.23	994.09	991.81	990.71	0.41	ppb
Silicon	28-1	958.49	984.07	971.63	971.40	1.32	ppb
Silver	109-1	968.52	993.67	993.03	985.07	1.46	ppb
Silver	107-1	977.34	985.59	989.77	984.23	0.64	ppb
Sodium	23-2	95967.06	101651.15	95927.94	97848.72	3.37	ppb
Strontium	86-1	984.54	1004.29	1002.29	997.04	1.09	ppb
Strontium	88-1	984.20	1003.33	998.98	995.50	1.01	ppb
Sulfur	34-1	19461.20	20432.13	20236.14	20043.16	2.56	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	981.21	1005.95	997.22	994.79	1.26	ppb
Thallium	205-1	985.28	1004.13	996.33	995.25	0.95	ppb
Tin	118-1	983.01	988.07	993.79	988.29	0.55	ppb
Titanium	47-1	4912.00	5021.16	4954.29	4962.48	1.11	ppb
Uranium	238-1	982.47	1006.72	1005.68	998.29	1.37	ppb
Vanadium	51-2	985.46	1045.77	976.43	1002.55	3.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1960.99	2056.93	1951.66	1989.86	2.93	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	988.44	996.86	998.35	994.55	0.54	ppb
Zirconium	91-1	987.98	1012.42	1004.33	1001.58	1.24	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103912.64	98586.19	98112.24	100203.69	3.21	ppb
Antimony	121-1	2.78	2.71	2.53	2.67	4.76	ppb
Arsenic	75-2	2.06	1.65	1.73	1.81	11.91	ppb
Barium	135-1	1.05	0.99	1.04	1.02	3.20	ppb
Barium	137-1	1.05	0.92	0.97	0.98	6.56	ppb
Beryllium	9-1	0.48	0.49	0.38	0.45	12.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	50.07	45.85	39.78	45.23	11.43	ppb
Boron	11-1	50.77	47.17	41.44	46.46	10.12	ppb
Cadmium	111-1	0.15	0.22	0.24	0.20	23.33	ppb
Cadmium	106-1	-1.22	0.02	0.40	-0.27		ppb
Cadmium	108-1	0.26	0.38	0.34	0.33	18.43	ppb
Calcium	43-1	498104.42	512851.60	490201.76	500385.92	2.30	ppb
Calcium	44-1	499753.31	511070.72	491786.55	500870.19	1.93	ppb
Chromium	52-2	39.05	37.17	36.57	37.60	3.45	ppb
Cobalt	59-2	12.85	12.09	12.68	12.54	3.18	ppb
Copper	63-2	3.43	3.23	3.23	3.30	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				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	259985.39	244555.55	245108.96	249883.30	3.50	ppb
Iron	57-2	259465.81	245522.25	245101.61	250029.89	3.27	ppb
Krypton	83-1						cps
Lead	206-1	5.88	5.77	5.80	5.82	0.96	ppb
Lead	207-1	5.31	5.46	5.32	5.36	1.58	ppb
Lead	208-1	5.59	5.56	5.52	5.56	0.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	519488.68	488507.59	492264.28	500086.85	3.38	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CAL5_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.23	9.75	9.19	9.39	3.33	ppb
Molybdenum	94-1	6.69	6.84	6.50	6.68	2.54	ppb
Molybdenum	95-1	9.27	9.24	9.17	9.22	0.54	ppb
Molybdenum	96-1	9.62	9.66	8.93	9.40	4.34	ppb
Molybdenum	97-1	9.65	9.27	9.03	9.32	3.38	ppb
Molybdenum	98-1	9.30	9.47	9.09	9.29	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.51	31.46	32.33	32.10	1.76	ppb
Phosphorus	31-2	107.28	21.71	-4.56	41.47	141.01	ppb
Potassium	39-2	260730.56	246260.16	244446.32	250479.01	3.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	0.44	0.29	-0.85	-0.04		ppb
Selenium	82-1	1.54	0.65	0.99	1.06	42.56	ppb
Silicon	28-1	53.93	58.75	55.52	56.07	4.38	ppb
Silver	109-1	0.13	0.12	0.15	0.13	11.26	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.36	ppb
Sodium	23-2	519946.01	489601.48	492072.98	500540.16	3.37	ppb
Strontium	86-1	4.60	4.24	4.47	4.43	4.11	ppb
Strontium	88-1	4.58	4.60	4.44	4.54	1.86	ppb
Sulfur	34-1	-1717.55	-1304.75	-1859.19	-1627.16		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.66	0.61	0.63	0.64	4.24	ppb
Thallium	205-1	0.62	0.59	0.57	0.59	4.24	ppb
Tin	118-1	2.56	2.50	2.37	2.48	3.94	ppb
Titanium	47-1	2.70	2.46	2.56	2.57	4.68	ppb
Uranium	238-1	0.12	0.09	0.09	0.10	17.23	ppb
Vanadium	51-2	0.46	0.39	0.40	0.42	8.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	15.99	15.34	15.94	15.76	2.31	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CALS_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.21	0.14	0.18	18.16	ppb
Zirconium	91-1	0.17	0.13	0.18	0.16	15.59	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.41	442.16	466.49	461.02	3.65	ppb
Antimony	121-1	192.72	196.78	197.71	195.74	1.36	ppb
Arsenic	75-2	198.01	192.73	187.90	192.88	2.62	ppb
Barium	135-1	98.23	99.79	99.94	99.32	0.96	ppb
Barium	137-1	98.18	98.87	100.18	99.08	1.03	ppb
Beryllium	9-1	98.81	96.63	98.44	97.96	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	523.01	529.84	550.11	534.32	2.64	ppb
Boron	11-1	524.17	538.52	553.49	538.73	2.72	ppb
Cadmium	111-1	103.87	104.19	104.30	104.12	0.22	ppb
Cadmium	106-1	157.29	162.29	161.64	160.40	1.70	ppb
Cadmium	108-1	129.92	136.15	133.33	133.13	2.34	ppb
Calcium	43-1	2045.85	2015.77	2077.20	2046.27	1.50	ppb
Calcium	44-1	1979.26	1997.27	2021.54	1999.36	1.06	ppb
Chromium	52-2	94.60	93.64	94.60	94.28	0.59	ppb
Cobalt	59-2	98.29	97.41	97.41	97.70	0.52	ppb
Copper	63-2	98.79	97.50	96.57	97.62	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	984.55	971.48	965.44	973.82	1.00	ppb
Iron	57-2	952.12	972.72	970.20	965.01	1.16	ppb
Krypton	83-1						cps
Lead	206-1	193.55	195.87	195.61	195.01	0.65	ppb
Lead	207-1	185.47	188.84	186.36	186.89	0.94	ppb
Lead	208-1	191.55	195.62	193.75	193.64	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	1148.90	1117.55	1121.37	1129.27	1.51	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.65	96.39	97.08	96.71	0.36	ppb
Molybdenum	94-1	1151.12	1175.27	1170.06	1165.48	1.09	ppb
Molybdenum	95-1	539.82	541.61	543.77	541.73	0.37	ppb
Molybdenum	96-1	612.65	612.50	627.89	617.68	1.43	ppb
Molybdenum	97-1	523.54	526.30	526.37	525.40	0.31	ppb
Molybdenum	98-1	538.98	536.41	542.78	539.39	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.02	97.39	97.52	97.64	0.34	ppb
Phosphorus	31-2	-4.56	22.53	22.46	13.48	115.94	ppb
Potassium	39-2	1947.76	1899.16	1893.18	1913.37	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	213.56	140.96	126.16	160.23	29.19	ppb
Selenium	78-2	189.49	182.68	194.08	188.75	3.04	ppb
Selenium	82-1	197.22	198.01	202.31	199.18	1.37	ppb
Silicon	28-1	-4.92	-3.82	-2.38	-3.71		ppb
Silver	109-1	91.52	93.53	93.23	92.76	1.17	ppb
Silver	107-1	91.13	92.88	92.89	92.30	1.10	ppb
Sodium	23-2	1961.03	1948.46	1970.21	1959.90	0.56	ppb
Strontium	86-1	503.89	509.70	509.84	507.81	0.67	ppb
Strontium	88-1	506.10	511.77	510.59	509.49	0.59	ppb
Sulfur	34-1	-1266.25	-1117.85	-936.37	-1106.82		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	197.00	198.19	197.93	197.71	0.32	ppb
Thallium	205-1	201.23	203.65	201.64	202.17	0.64	ppb
Tin	118-1	526.33	533.38	534.10	531.27	0.81	ppb
Titanium	47-1	508.40	517.34	517.25	514.33	1.00	ppb
Uranium	238-1	495.20	501.24	499.05	498.49	0.61	ppb
Vanadium	51-2	96.42	93.42	93.89	94.58	1.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	195.75	194.47	193.03	194.42	0.70	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.88	516.54	516.83	514.75	0.65	ppb
Zirconium	91-1	500.10	502.98	505.77	502.95	0.56	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.49	19.31	33.68	20.49	61.67	ppb
Antimony	121-1	2.13	2.12	2.23	2.16	2.69	ppb
Arsenic	75-2	1.14	0.91	1.14	1.06	12.47	ppb
Barium	135-1	9.92	10.13	9.76	9.94	1.90	ppb
Barium	137-1	9.73	10.11	9.74	9.86	2.18	ppb
Beryllium	9-1	1.25	1.09	0.98	1.11	12.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	37.11	38.01	35.67	36.93	3.20	ppb
Boron	11-1	36.03	37.42	34.59	36.01	3.93	ppb
Cadmium	111-1	0.96	0.92	0.85	0.91	6.19	ppb
Cadmium	106-1	0.13	0.18	-0.91	-0.20		ppb
Cadmium	108-1	0.96	1.11	1.04	1.04	7.19	ppb
Calcium	43-1	490.92	442.47	445.05	459.48	5.93	ppb
Calcium	44-1	479.97	473.78	460.56	471.44	2.10	ppb
Chromium	52-2	2.16	2.08	2.13	2.13	2.06	ppb
Cobalt	59-2	1.03	1.06	1.08	1.06	2.02	ppb
Copper	63-2	2.13	2.05	2.06	2.08	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	53.71	51.18	51.75	52.22	2.54	ppb
Iron	57-2	53.32	52.12	50.46	51.97	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.00	1.03	1.01	1.64	ppb
Lead	207-1	1.04	0.92	0.98	0.98	5.80	ppb
Lead	208-1	1.03	1.00	1.04	1.02	1.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	509.33	485.32	488.04	494.23	2.66	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.13	0.92	1.02	10.23	ppb
Molybdenum	94-1	6.11	5.85	5.83	5.93	2.65	ppb
Molybdenum	95-1	4.85	4.76	4.85	4.82	1.07	ppb
Molybdenum	96-1	5.20	4.91	5.13	5.08	2.90	ppb
Molybdenum	97-1	4.92	5.08	4.94	4.98	1.70	ppb
Molybdenum	98-1	5.10	4.99	4.94	5.01	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.03	1.16	1.13	7.20	ppb
Phosphorus	31-2	52.30	-4.56	-4.56	14.39	228.15	ppb
Potassium	39-2	522.60	512.57	518.52	517.90	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	4.64	10.62	4.19	6.48	55.40	ppb
Selenium	78-2	7.92	8.45	-0.82	5.19	100.37	ppb
Selenium	82-1	4.79	5.09	3.99	4.62	12.36	ppb
Silicon	28-1	9.43	8.45	5.71	7.86	24.56	ppb
Silver	109-1	1.07	1.06	1.03	1.05	2.10	ppb
Silver	107-1	1.08	1.04	1.08	1.06	1.99	ppb
Sodium	23-2	550.01	529.79	526.73	535.51	2.36	ppb
Strontium	86-1	0.80	1.02	0.94	0.92	11.90	ppb
Strontium	88-1	1.03	0.96	1.00	1.00	3.64	ppb
Sulfur	34-1	-463.63	-587.49	-913.16	-654.76		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.05	1.02	1.03	1.89	ppb
Thallium	205-1	1.00	1.01	1.01	1.01	0.74	ppb
Tin	118-1	5.43	5.30	5.25	5.33	1.76	ppb
Titanium	47-1	5.29	5.31	5.13	5.24	1.91	ppb
Uranium	238-1	0.96	0.93	1.01	0.97	4.13	ppb
Vanadium	51-2	5.43	5.12	4.75	5.10	6.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.91	1.93	2.22	2.35	21.30	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.77	1.69	1.56	1.67	6.36	ppb
Zirconium	91-1	1.75	1.55	1.73	1.68	6.56	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.97	-0.02	-1.68	0.42	558.95	ppb
Antimony	121-1	0.08	0.08	0.07	0.07	9.17	ppb
Arsenic	75-2	-0.02	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.02	0.00	0.03	0.02	107.30	ppb
Barium	137-1	0.00	0.00	0.00	0.00	1701.48	ppb
Beryllium	9-1	0.06	-0.02	0.03	0.02	156.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	10.88	9.33	10.85	10.36	8.55	ppb
Boron	11-1	10.31	9.90	9.38	9.86	4.74	ppb
Cadmium	111-1	-0.06	-0.14	-0.05	-0.08		ppb
Cadmium	106-1	-0.80	-1.92	-0.76	-1.16		ppb
Cadmium	108-1	0.04	-0.04	0.00	0.00		ppb
Calcium	43-1	-0.48	-1.55	0.98	-0.35		ppb
Calcium	44-1	-1.09	-1.14	-0.94	-1.06		ppb
Chromium	52-2	-0.12	0.00	-0.10	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.02	0.01	210.34	ppb
Copper	63-2	-0.11	-0.03	-0.02	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.24	0.50	0.46	0.40	35.16	ppb
Iron	57-2	-2.19	-1.63	-1.24	-1.69		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.00	0.02	0.02	78.73	ppb
Lead	207-1	0.00	0.02	0.01	0.01	86.43	ppb
Lead	208-1	0.02	0.01	0.02	0.02	36.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.01	-1.09	1.53	0.14	933.65	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	-0.10	-0.03		ppb
Molybdenum	94-1	0.19	0.23	0.17	0.20	14.44	ppb
Molybdenum	95-1	0.07	0.07	0.09	0.08	10.88	ppb
Molybdenum	96-1	0.09	0.10	0.07	0.09	15.93	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.06	22.10	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	6.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.08	-0.06	-0.10		ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	-11.99	-1.86	5.59	-2.76		ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	4.09	-2.20	-2.20	-0.10		ppb
Selenium	78-2	-0.83	-0.82	-1.97	-1.21		ppb
Selenium	82-1	-0.61	-0.29	-0.40	-0.43		ppb
Silicon	28-1	-9.00	-9.75	-9.38	-9.38		ppb
Silver	109-1	0.00	0.01	0.01	0.01	69.07	ppb
Silver	107-1	0.01	0.00	0.00	0.00	54.44	ppb
Sodium	23-2	32.96	28.24	31.79	31.00	7.93	ppb
Strontium	86-1	-0.03	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-639.03	-760.60	-664.64	-688.09		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.04	0.03	14.63	ppb
Thallium	205-1	0.01	0.03	0.03	0.02	41.03	ppb
Tin	118-1	0.10	0.14	0.15	0.13	19.20	ppb
Titanium	47-1	0.03	0.06	0.01	0.03	87.04	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	50.44	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	377.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	-0.12	-0.11	0.16	-0.02		ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.10	0.09	10.99	ppb
Zirconium	91-1	0.10	0.06	0.07	0.08	26.97	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89684.67	89299.55	88599.18	89194.47	0.62	ppb
Antimony	121-1	1.16	1.26	1.26	1.23	4.81	ppb
Arsenic	75-2	0.14	0.27	0.17	0.19	35.74	ppb
Barium	135-1	1.47	1.37	1.49	1.44	4.31	ppb
Barium	137-1	1.52	1.40	1.46	1.46	4.17	ppb
Beryllium	9-1	0.33	0.36	0.38	0.36	8.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	12.93	13.76	12.21	12.97	5.97	ppb
Boron	11-1	11.81	12.42	11.85	12.03	2.82	ppb
Cadmium	111-1	0.23	0.06	0.16	0.15	58.44	ppb
Cadmium	106-1	-1.61	-3.36	-1.64	-2.20		ppb
Cadmium	108-1	7.98	9.49	7.88	8.45	10.65	ppb
Calcium	43-1	96862.32	97825.34	98269.30	97652.32	0.74	ppb
Calcium	44-1	96456.89	95833.14	96699.86	96329.96	0.46	ppb
Chromium	52-2	20.25	20.13	19.60	19.99	1.74	ppb
Cobalt	59-2	1.18	1.13	1.09	1.13	4.13	ppb
Copper	63-2	7.51	7.73	7.43	7.56	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	101122.66	100327.38	99965.75	100471.93	0.59	ppb
Iron	57-2	99385.12	98352.04	98448.34	98728.50	0.58	ppb
Krypton	83-1						cps
Lead	206-1	4.77	4.84	4.81	4.81	0.69	ppb
Lead	207-1	4.13	4.28	4.05	4.15	2.91	ppb
Lead	208-1	4.41	4.42	4.36	4.40	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	98939.45	98101.44	97014.34	98018.41	0.98	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.39	8.14	7.93	7.82	4.97	ppb
Molybdenum	94-1	1376.60	1380.14	1401.04	1385.93	0.95	ppb
Molybdenum	95-1	1971.93	1975.26	1990.53	1979.24	0.50	ppb
Molybdenum	96-1	1888.63	1912.21	1923.95	1908.26	0.94	ppb
Molybdenum	97-1	1976.97	2015.06	2038.01	2010.01	1.53	ppb
Molybdenum	98-1	1962.63	1977.10	1994.14	1977.96	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.47	5.30	5.32	2.67	ppb
Phosphorus	31-2	100365.07	99116.66	99449.78	99643.84	0.65	ppb
Potassium	39-2	96315.28	95827.08	96672.68	96271.68	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.79	-1.97	-1.58		ppb
Selenium	82-1	0.33	0.62	0.19	0.38	57.20	ppb
Silicon	28-1	22.41	21.44	22.37	22.07	2.48	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.77	ppb
Silver	107-1	0.06	0.08	0.05	0.06	23.12	ppb
Sodium	23-2	99387.05	97920.01	99115.75	98807.60	0.79	ppb
Strontium	86-1	33.42	33.89	33.64	33.65	0.70	ppb
Strontium	88-1	33.64	33.84	34.47	33.98	1.27	ppb
Sulfur	34-1	85730.88	84374.76	84118.78	84741.48	1.02	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.11	0.09	0.10	6.71	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	4.54	ppb
Tin	118-1	0.26	0.23	0.30	0.26	13.21	ppb
Titanium	47-1	2018.22	2037.04	2051.54	2035.60	0.82	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	15.33	ppb
Vanadium	51-2	0.12	0.16	0.13	0.13	15.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	11.23	12.52	11.24	11.66	6.37	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.68	0.62	0.70	12.74	ppb
Zirconium	91-1	0.88	0.74	0.63	0.75	16.12	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89621.21	89097.25	86013.64	88244.03	2.21	ppb
Antimony	121-1	21.54	23.17	21.58	22.10	4.22	ppb
Arsenic	75-2	19.72	19.60	21.03	20.12	3.95	ppb
Barium	135-1	22.19	23.61	21.66	22.49	4.49	ppb
Barium	137-1	21.84	23.55	21.71	22.37	4.58	ppb
Beryllium	9-1	21.13	22.09	21.16	21.46	2.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	72.07	76.71	77.39	75.39	3.84	ppb
Boron	11-1	70.59	76.72	72.98	73.43	4.21	ppb
Cadmium	111-1	20.36	21.88	20.41	20.88	4.13	ppb
Cadmium	106-1	22.72	25.72	24.26	24.23	6.19	ppb
Cadmium	108-1	32.72	33.83	31.05	32.53	4.30	ppb
Calcium	43-1	99515.30	106876.88	100419.49	102270.56	3.93	ppb
Calcium	44-1	96969.41	103722.97	98600.20	99764.19	3.53	ppb
Chromium	52-2	41.08	39.67	39.49	40.08	2.17	ppb
Cobalt	59-2	21.49	21.63	20.80	21.30	2.09	ppb
Copper	63-2	28.08	28.15	27.07	27.76	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	101147.91	100223.28	96359.86	99243.68	2.56	ppb
Iron	57-2	99315.61	98293.56	94864.54	97491.23	2.39	ppb
Krypton	83-1						cps
Lead	206-1	26.07	27.15	25.78	26.33	2.74	ppb
Lead	207-1	23.47	24.31	23.47	23.75	2.03	ppb
Lead	208-1	24.32	25.55	24.23	24.70	2.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	98842.69	97401.42	93627.63	96623.92	2.79	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	29.05	28.67	28.00	28.58	1.86	ppb
Molybdenum	94-1	1533.58	1586.38	1525.15	1548.37	2.14	ppb
Molybdenum	95-1	2062.67	2157.33	2051.39	2090.46	2.78	ppb
Molybdenum	96-1	2019.24	2093.27	1973.74	2028.75	2.97	ppb
Molybdenum	97-1	2107.70	2185.52	2043.92	2112.38	3.36	ppb
Molybdenum	98-1	2062.99	2148.80	2040.45	2084.08	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.70	27.05	24.77	25.84	4.43	ppb
Phosphorus	31-2	98367.80	99993.74	95253.49	97871.68	2.46	ppb
Potassium	39-2	97196.97	95784.79	93150.08	95377.28	2.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	30.81	17.48	-2.20	15.37	108.08	ppb
Selenium	78-2	24.28	17.00	14.47	18.58	27.40	ppb
Selenium	82-1	20.92	22.90	19.47	21.10	8.16	ppb
Silicon	28-1	82.54	95.22	87.17	88.31	7.27	ppb
Silver	109-1	19.51	21.00	19.43	19.98	4.42	ppb
Silver	107-1	19.36	20.63	19.12	19.70	4.13	ppb
Sodium	23-2	99462.07	98126.22	96019.15	97869.15	1.77	ppb
Strontium	86-1	89.18	93.62	89.54	90.78	2.72	ppb
Strontium	88-1	92.24	97.70	91.39	93.78	3.65	ppb
Sulfur	34-1	85097.57	91420.86	86682.80	87733.74	3.75	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	20.97	22.23	20.94	21.38	3.45	ppb
Thallium	205-1	21.04	22.21	21.06	21.43	3.12	ppb
Tin	118-1	56.19	60.82	56.72	57.91	4.38	ppb
Titanium	47-1	2112.49	2231.01	2106.56	2150.02	3.27	ppb
Uranium	238-1	57.32	59.89	57.71	58.31	2.38	ppb
Vanadium	51-2	20.30	19.58	19.57	19.82	2.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	32.07	32.88	31.17	32.04	2.66	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	55.77	58.69	55.96	56.81	2.88	ppb
Zirconium	91-1	55.74	58.26	55.22	56.41	2.88	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49183.30	49366.75	48667.41	49072.49	0.74	ppb
Antimony	121-1	501.49	513.07	519.57	511.38	1.79	ppb
Arsenic	75-2	498.81	504.16	501.57	501.51	0.53	ppb
Barium	135-1	2568.86	2595.11	2627.37	2597.12	1.13	ppb
Barium	137-1	2562.13	2557.93	2564.04	2561.37	0.12	ppb
Beryllium	9-1	518.64	523.25	517.70	519.86	0.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	524.68	537.34	542.82	534.95	1.74	ppb
Boron	11-1	511.38	536.79	540.15	529.44	2.97	ppb
Cadmium	111-1	497.61	494.84	500.41	497.62	0.56	ppb
Cadmium	106-1	501.36	502.72	499.45	501.17	0.33	ppb
Cadmium	108-1	495.76	501.87	503.77	500.47	0.84	ppb
Calcium	43-1	244519.99	245596.44	241820.19	243978.87	0.80	ppb
Calcium	44-1	245001.27	244776.70	240242.78	243340.25	1.10	ppb
Chromium	52-2	503.91	512.09	507.89	507.96	0.80	ppb
Cobalt	59-2	481.89	488.59	486.12	485.53	0.70	ppb
Copper	63-2	926.34	940.20	933.72	933.42	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				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	122923.77	124266.54	123205.31	123465.21	0.57	ppb
Iron	57-2	120693.95	121615.94	121115.46	121141.78	0.38	ppb
Krypton	83-1						cps
Lead	206-1	518.49	516.14	516.69	517.11	0.24	ppb
Lead	207-1	522.29	516.70	507.32	515.44	1.47	ppb
Lead	208-1	522.15	517.21	514.33	517.89	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	246489.44	246008.81	246850.64	246449.63	0.17	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.94	1007.15	998.94	997.01	1.13	ppb
Molybdenum	94-1	2557.99	2545.49	2535.99	2546.49	0.43	ppb
Molybdenum	95-1	2557.07	2560.90	2517.80	2545.26	0.94	ppb
Molybdenum	96-1	2582.24	2579.05	2521.37	2560.89	1.34	ppb
Molybdenum	97-1	2584.24	2593.68	2555.65	2577.86	0.77	ppb
Molybdenum	98-1	2548.56	2590.64	2521.54	2553.58	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.78	498.06	490.78	492.20	1.07	ppb
Phosphorus	31-2	10281.77	10857.03	10673.21	10604.00	2.77	ppb
Potassium	39-2	122438.25	125969.28	123237.90	123881.81	1.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	473.56	411.47	476.33	453.79	8.08	ppb
Selenium	78-2	533.50	531.64	550.02	538.39	1.88	ppb
Selenium	82-1	501.00	512.05	495.99	503.02	1.63	ppb
Silicon	28-1	533.87	534.99	520.74	529.87	1.49	ppb
Silver	109-1	496.85	500.99	509.77	502.54	1.31	ppb
Silver	107-1	501.98	496.21	505.78	501.32	0.96	ppb
Sodium	23-2	245449.00	249707.60	247850.02	247668.88	0.86	ppb
Strontium	86-1	507.67	510.90	499.72	506.10	1.14	ppb
Strontium	88-1	510.55	510.16	504.51	508.41	0.66	ppb
Sulfur	34-1	8816.03	8944.68	8582.71	8781.14	2.09	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	516.52	511.71	510.79	513.01	0.60	ppb
Thallium	205-1	519.50	509.34	508.20	512.35	1.21	ppb
Tin	118-1	515.70	514.53	521.65	517.29	0.74	ppb
Titanium	47-1	2585.94	2549.88	2526.25	2554.03	1.18	ppb
Uranium	238-1	524.56	522.55	513.53	520.21	1.13	ppb
Vanadium	51-2	498.72	503.31	494.67	498.90	0.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	936.29	959.03	951.63	948.98	1.22	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.16	513.23	507.56	510.98	0.59	ppb
Zirconium	91-1	500.34	504.05	496.16	500.18	0.79	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.03	4.21	1.33	186.81	ppb
Antimony	121-1	0.22	0.18	0.20	0.20	11.07	ppb
Arsenic	75-2	-0.04	-0.02	0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.02	0.00	0.01	0.01	121.09	ppb
Beryllium	9-1	0.02	0.02	0.05	0.03	49.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	5.92	5.51	6.25	5.89	6.29	ppb
Boron	11-1	5.50	5.48	5.46	5.48	0.40	ppb
Cadmium	111-1	-0.24	-0.19	-0.07	-0.17		ppb
Cadmium	106-1	-3.29	-2.62	-0.86	-2.26		ppb
Cadmium	108-1	0.04	0.04	0.04	0.04	4.43	ppb
Calcium	43-1	3.50	-3.50	-2.00	-0.67		ppb
Calcium	44-1	2.00	0.07	-1.65	0.14	1330.01	ppb
Chromium	52-2	-0.12	-0.05	0.11	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.05	-0.02	-0.05	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	0.78	0.66	0.93	0.79	17.44	ppb
Iron	57-2	-1.28	0.84	-0.08	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.04	0.04	30.94	ppb
Lead	207-1	0.04	0.02	0.04	0.03	19.99	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.34	5.01	2.73	3.36	42.92	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	-0.04	-0.14	-0.10		ppb
Molybdenum	94-1	0.21	0.22	0.17	0.20	12.32	ppb
Molybdenum	95-1	0.20	0.14	0.15	0.16	18.39	ppb
Molybdenum	96-1	0.24	0.18	0.17	0.20	18.24	ppb
Molybdenum	97-1	0.19	0.17	0.10	0.15	29.08	ppb
Molybdenum	98-1	0.19	0.13	0.16	0.16	18.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.06	-0.05	-0.07		ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	10.24	20.99	11.37	14.20	41.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	1.46	-0.62	-0.38		ppb
Selenium	82-1	0.35	-0.48	0.08	-0.02		ppb
Silicon	28-1	-7.54	-13.04	-11.54	-10.71		ppb
Silver	109-1	0.02	0.01	0.02	0.02	59.28	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.80	ppb
Sodium	23-2	42.87	38.44	64.16	48.49	28.35	ppb
Strontium	86-1	0.01	-0.04	-0.09	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-514.84	-1503.16	-1462.02	-1160.01		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.05	0.03	45.63	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.36	ppb
Tin	118-1	0.06	0.06	0.05	0.06	17.71	ppb
Titanium	47-1	0.06	0.11	0.05	0.08	41.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	34.05	ppb
Vanadium	51-2	-0.02	0.00	0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.09	0.63	0.04	0.25	129.87	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.05	0.06	8.79	ppb
Zirconium	91-1	0.10	0.07	0.07	0.08	19.92	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.70	16.11	21.87	19.90	16.48	ppb
Antimony	121-1	1.99	2.08	2.28	2.12	7.00	ppb
Arsenic	75-2	0.90	0.97	0.91	0.92	4.17	ppb
Barium	135-1	9.64	10.17	10.92	10.24	6.30	ppb
Barium	137-1	9.69	10.35	11.17	10.40	7.13	ppb
Beryllium	9-1	0.98	1.17	1.04	1.06	8.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	28.00	31.59	33.43	31.00	8.91	ppb
Boron	11-1	25.58	29.30	31.13	28.67	9.86	ppb
Cadmium	111-1	0.89	0.89	1.20	0.99	18.19	ppb
Cadmium	106-1	-0.33	-0.73	0.50	-0.19		ppb
Cadmium	108-1	0.74	1.33	0.95	1.01	29.79	ppb
Calcium	43-1	434.79	486.76	539.04	486.87	10.71	ppb
Calcium	44-1	456.20	494.45	514.30	488.32	6.05	ppb
Chromium	52-2	2.10	2.10	1.85	2.02	7.39	ppb
Cobalt	59-2	1.01	0.97	1.04	1.01	3.43	ppb
Copper	63-2	1.97	1.97	1.75	1.90	6.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	51.86	53.53	50.24	51.88	3.17	ppb
Iron	57-2	52.25	58.67	57.97	56.29	6.26	ppb
Krypton	83-1						cps
Lead	206-1	0.96	1.07	1.07	1.03	5.90	ppb
Lead	207-1	0.99	0.99	1.10	1.03	6.15	ppb
Lead	208-1	0.98	1.04	1.09	1.04	4.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	473.39	506.76	491.19	490.45	3.40	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.33	1.09	1.13	16.13	ppb
Molybdenum	94-1	5.09	5.41	5.59	5.36	4.69	ppb
Molybdenum	95-1	4.81	4.99	5.48	5.09	6.77	ppb
Molybdenum	96-1	4.78	5.28	5.20	5.09	5.25	ppb
Molybdenum	97-1	4.97	5.33	5.56	5.29	5.62	ppb
Molybdenum	98-1	4.90	5.14	5.47	5.17	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.99	1.19	1.09	9.02	ppb
Phosphorus	31-2	-4.56	22.80	22.07	13.43	116.06	ppb
Potassium	39-2	498.97	477.44	486.54	487.65	2.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.10	10.36	-2.20	4.09	153.56	ppb
Selenium	78-2	4.87	9.38	1.49	5.25	75.42	ppb
Selenium	82-1	4.50	5.89	5.48	5.29	13.53	ppb
Silicon	28-1	2.41	8.84	13.67	8.31	67.99	ppb
Silver	109-1	1.04	1.06	1.16	1.09	5.86	ppb
Silver	107-1	1.06	1.17	1.09	1.11	5.07	ppb
Sodium	23-2	514.01	531.87	531.16	525.68	1.92	ppb
Strontium	86-1	0.80	0.93	1.03	0.92	12.81	ppb
Strontium	88-1	0.94	0.99	1.04	0.99	4.88	ppb
Sulfur	34-1	-1518.48	-501.12	-96.02	-705.21		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.91	0.99	1.14	1.01	11.26	ppb
Thallium	205-1	1.03	1.04	1.12	1.06	4.81	ppb
Tin	118-1	5.08	5.11	5.50	5.23	4.46	ppb
Titanium	47-1	4.51	5.10	5.52	5.04	10.06	ppb
Uranium	238-1	0.94	1.04	1.04	1.01	6.07	ppb
Vanadium	51-2	5.11	5.14	4.83	5.03	3.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	3.01	2.36	2.69	2.69	12.18	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.16	1.30	1.34	1.27	7.45	ppb
Zirconium	91-1	1.09	1.32	1.24	1.21	9.59	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.16	40.29	29.79	38.08	19.53	ppb
Antimony	121-1	3.96	4.12	4.06	4.04	2.02	ppb
Arsenic	75-2	2.05	1.69	1.99	1.91	10.16	ppb
Barium	135-1	19.56	19.89	19.39	19.61	1.28	ppb
Barium	137-1	19.80	20.17	19.80	19.92	1.06	ppb
Beryllium	9-1	2.07	2.04	2.09	2.07	1.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	46.89	53.21	54.23	51.45	7.73	ppb
Boron	11-1	49.59	53.59	53.44	52.21	4.34	ppb
Cadmium	111-1	1.96	1.94	2.16	2.02	5.92	ppb
Cadmium	106-1	0.55	0.51	1.79	0.95	76.42	ppb
Cadmium	108-1	1.78	2.00	1.86	1.88	5.92	ppb
Calcium	43-1	907.28	928.09	960.30	931.89	2.87	ppb
Calcium	44-1	931.35	960.76	939.47	943.86	1.61	ppb
Chromium	52-2	4.24	4.00	4.25	4.17	3.47	ppb
Cobalt	59-2	1.98	1.85	2.00	1.94	4.11	ppb
Copper	63-2	4.12	3.86	3.94	3.97	3.27	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	444.80	431.12	442.40	439.44	1.66	ppb
Iron	57-2	453.93	435.08	457.64	448.88	2.70	ppb
Krypton	83-1						cps
Lead	206-1	1.95	2.04	1.93	1.97	2.96	ppb
Lead	207-1	1.94	2.00	2.02	1.98	1.91	ppb
Lead	208-1	1.92	2.01	1.98	1.97	2.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	971.97	918.76	915.80	935.51	3.38	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.92	2.12	2.47	2.17	12.88	ppb
Molybdenum	94-1	10.21	10.51	9.98	10.23	2.59	ppb
Molybdenum	95-1	9.58	9.75	9.86	9.73	1.46	ppb
Molybdenum	96-1	9.79	9.84	9.65	9.76	1.02	ppb
Molybdenum	97-1	9.75	9.48	9.69	9.64	1.48	ppb
Molybdenum	98-1	9.85	9.80	9.53	9.73	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.34	2.05	2.09	2.16	7.38	ppb
Phosphorus	31-2	-4.56	21.82	-4.56	4.23	360.11	ppb
Potassium	39-2	1018.14	974.92	916.99	970.02	5.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	4.13	4.12	4.05	4.10	1.12	ppb
Selenium	78-2	6.04	10.60	12.71	9.78	34.85	ppb
Selenium	82-1	10.04	10.33	9.54	9.97	4.03	ppb
Silicon	28-1	20.30	24.94	22.35	22.53	10.31	ppb
Silver	109-1	2.08	2.13	2.21	2.14	3.04	ppb
Silver	107-1	2.08	2.07	2.13	2.09	1.64	ppb
Sodium	23-2	1009.51	1002.23	1021.00	1010.91	0.94	ppb
Strontium	86-1	1.78	1.79	1.99	1.85	6.35	ppb
Strontium	88-1	1.96	2.03	1.96	1.98	2.07	ppb
Sulfur	34-1	-1123.28	-607.97	-902.48	-877.91		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	1.88	2.02	2.05	1.98	4.48	ppb
Thallium	205-1	2.02	2.04	2.01	2.02	0.62	ppb
Tin	118-1	9.86	10.47	10.02	10.12	3.13	ppb
Titanium	47-1	9.90	10.46	9.53	9.96	4.68	ppb
Uranium	238-1	1.87	1.97	1.94	1.93	2.72	ppb
Vanadium	51-2	9.72	9.24	9.43	9.47	2.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4.81	3.91	5.23	4.65	14.46	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.28	2.37	2.17	2.27	4.42	ppb
Zirconium	91-1	2.35	2.12	2.15	2.21	5.85	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.23	1.95	-1.59	-0.95		ppb
Antimony	121-1	0.06	0.04	0.04	0.05	19.12	ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.03		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	196.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	7.24	6.34	8.74	7.44	16.28	ppb
Boron	11-1	7.09	6.77	6.34	6.74	5.63	ppb
Cadmium	111-1	-0.05	-0.19	-0.02	-0.09		ppb
Cadmium	106-1	-0.62	-2.45	-0.34	-1.14		ppb
Cadmium	108-1	0.00	0.11	0.04	0.05	117.70	ppb
Calcium	43-1	-8.90	-4.03	-6.65	-6.52		ppb
Calcium	44-1	-2.62	-3.17	-4.32	-3.37		ppb
Chromium	52-2	-0.03	-0.05	-0.09	-0.06		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	192.59	ppb
Copper	63-2	-0.10	-0.02	-0.02	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	0.07	0.87	0.85	0.60	75.79	ppb
Iron	57-2	-0.71	0.17	-3.09	-1.21		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.02	0.03	57.71	ppb
Lead	207-1	0.01	0.02	0.03	0.02	66.45	ppb
Lead	208-1	0.02	0.03	0.03	0.03	9.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.37	5.92	1.34	2.54	116.42	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.17	-0.07	-0.15	-0.13		ppb
Molybdenum	94-1	0.15	0.10	0.06	0.11	40.19	ppb
Molybdenum	95-1	0.09	0.06	0.07	0.07	17.30	ppb
Molybdenum	96-1	0.01	0.07	0.06	0.05	65.09	ppb
Molybdenum	97-1	0.03	0.06	0.03	0.04	36.54	ppb
Molybdenum	98-1	0.07	0.04	0.05	0.06	32.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.07	-0.08	-0.06		ppb
Phosphorus	31-2	-4.56	-4.56	23.29	4.72	340.76	ppb
Potassium	39-2	11.02	13.75	1.14	8.63	76.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.84	-0.74	2.69	0.37	543.87	ppb
Selenium	82-1	0.32	0.53	0.13	0.33	60.67	ppb
Silicon	28-1	-10.47	-10.16	-9.21	-9.95		ppb
Silver	109-1	0.01	0.00	0.00	0.00	90.62	ppb
Silver	107-1	0.00	0.00	0.00	0.00	383.57	ppb
Sodium	23-2	38.68	40.45	47.28	42.14	10.78	ppb
Strontium	86-1	-0.07	-0.10	0.00	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-936.22	-903.49	-843.38	-894.36		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.03	0.03	12.90	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	15.56	ppb
Tin	118-1	0.04	0.05	0.07	0.05	28.73	ppb
Titanium	47-1	0.05	-0.04	0.05	0.02	244.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	109.94	ppb
Vanadium	51-2	0.00	0.03	0.00	0.01	204.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.18	-0.14	-0.10	-0.14		ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	25.24	ppb
Zirconium	91-1	0.04	0.03	0.04	0.03	8.00	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.52	10.78	9.18	9.16	17.81	ppb
Antimony	121-1	0.20	0.21	0.22	0.21	3.65	ppb
Arsenic	75-2	0.01	0.01	0.10	0.04	147.20	ppb
Barium	135-1	6.41	5.99	5.87	6.09	4.64	ppb
Barium	137-1	5.91	5.94	6.30	6.05	3.57	ppb
Beryllium	9-1	-0.01	0.00	-0.02	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	75.81	77.01	75.84	76.22	0.90	ppb
Boron	11-1	77.35	78.11	82.32	79.26	3.38	ppb
Cadmium	111-1	-0.06	0.01	-0.14	-0.06		ppb
Cadmium	106-1	-1.26	-0.51	-2.24	-1.34		ppb
Cadmium	108-1	0.03	0.00	0.07	0.03	116.01	ppb
Calcium	43-1	3775.06	3633.52	3648.07	3685.55	2.11	ppb
Calcium	44-1	3714.88	3706.69	3747.26	3722.94	0.58	ppb
Chromium	52-2	-0.13	-0.14	0.03	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	995.21	ppb
Copper	63-2	0.69	0.76	0.81	0.75	7.51	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				114		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	1.03	1.76	1.82	1.53	28.41	ppb
Iron	57-2	-2.21	2.63	-0.27	0.05	4853.83	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.20	0.18	0.19	6.21	ppb
Lead	207-1	0.16	0.16	0.13	0.15	11.51	ppb
Lead	208-1	0.18	0.17	0.16	0.17	5.61	ppb
Lithium	6-1				112		%
Magnesium	24-2	1064.51	1016.05	1035.09	1038.55	2.35	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.50	12.64	12.51	12.55	0.63	ppb
Molybdenum	94-1	0.01	0.08	0.05	0.05	73.08	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	9.52	ppb
Molybdenum	96-1	0.03	0.06	0.01	0.03	69.14	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	23.73	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.47	0.44	0.44	4.81	ppb
Phosphorus	31-2	230.04	180.48	153.48	188.00	20.66	ppb
Potassium	39-2	800.06	811.47	817.80	809.77	1.11	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.85	-0.86	-1.23		ppb
Selenium	82-1	0.06	-0.44	-0.23	-0.21		ppb
Silicon	28-1	2691.66	2672.26	2696.88	2686.93	0.48	ppb
Silver	109-1	0.10	0.14	0.20	0.15	36.43	ppb
Silver	107-1	0.11	0.15	0.22	0.16	34.39	ppb
Sodium	23-2	14553.05	14543.79	14260.91	14452.58	1.15	ppb
Strontium	86-1	23.66	24.33	24.31	24.10	1.58	ppb
Strontium	88-1	24.53	24.25	24.26	24.35	0.65	ppb
Sulfur	34-1	-2882.40	-2899.91	-2700.18	-2827.50		ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.10	0.13	0.10	0.11	16.35	ppb
Thallium	205-1	0.11	0.13	0.12	0.12	9.91	ppb
Tin	118-1	0.30	0.32	0.30	0.31	3.72	ppb
Titanium	47-1	0.12	0.18	0.23	0.18	28.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.03	0.02	0.04	56.71	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	18.91	19.02	18.62	18.85	1.12	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	11961.86	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	125.47	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.08	1.72	-1.63	2.72	180.97	ppb
Antimony	121-1	0.13	0.11	0.09	0.11	18.88	ppb
Arsenic	75-2	0.03	-0.04	0.06	0.02	327.27	ppb
Barium	135-1	2.30	2.18	2.33	2.27	3.46	ppb
Barium	137-1	2.15	2.15	2.30	2.20	4.00	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	191.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	40.06	37.62	41.64	39.77	5.09	ppb
Boron	11-1	41.08	42.10	41.77	41.65	1.25	ppb
Cadmium	111-1	-0.09	-0.16	-0.01	-0.09		ppb
Cadmium	106-1	-1.25	-2.40	-0.78	-1.48		ppb
Cadmium	108-1	0.24	-0.01	0.07	0.10	125.00	ppb
Calcium	43-1	2074.57	1972.59	2004.66	2017.28	2.59	ppb
Calcium	44-1	2086.85	2029.68	2063.10	2059.87	1.39	ppb
Chromium	52-2	0.03	0.06	-0.10	0.00		ppb
Cobalt	59-2	0.02	0.03	-0.01	0.01	137.54	ppb
Copper	63-2	19.84	20.01	19.47	19.78	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	0.91	1.44	1.09	1.15	23.36	ppb
Iron	57-2	0.39	-0.54	0.35	0.07	771.49	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.34	0.31	0.33	3.69	ppb
Lead	207-1	0.28	0.30	0.29	0.29	2.30	ppb
Lead	208-1	0.31	0.31	0.31	0.31	1.15	ppb
Lithium	6-1				107		%
Magnesium	24-2	812.64	852.96	812.12	825.91	2.84	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.84	1.90	1.68	1.81	6.49	ppb
Molybdenum	94-1	0.12	0.15	0.12	0.13	13.95	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	25.65	ppb
Molybdenum	96-1	0.06	0.04	0.08	0.06	38.86	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	14.28	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	25.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.02	0.01	0.05	117.69	ppb
Phosphorus	31-2	77.74	107.46	22.65	69.28	62.11	ppb
Potassium	39-2	272.26	265.47	260.98	266.24	2.13	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	4.14	-2.20	-2.20	-0.09		ppb
Selenium	78-2	0.32	0.35	-0.82	-0.05		ppb
Selenium	82-1	1.67	1.45	1.82	1.65	11.46	ppb
Silicon	28-1	6517.99	6323.65	6396.69	6412.78	1.53	ppb
Silver	109-1	0.18	0.23	0.25	0.22	16.40	ppb
Silver	107-1	0.21	0.20	0.26	0.22	13.30	ppb
Sodium	23-2	154095.07	156057.81	151670.77	153941.22	1.43	ppb
Strontium	86-1	3.75	3.79	3.72	3.75	0.89	ppb
Strontium	88-1	3.99	3.87	3.97	3.95	1.59	ppb
Sulfur	34-1	12339.34	11458.37	12062.31	11953.34	3.77	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.39	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	12.19	ppb
Tin	118-1	0.39	0.36	0.33	0.36	7.43	ppb
Titanium	47-1	0.13	0.19	0.20	0.17	22.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.61	ppb
Vanadium	51-2	0.08	0.05	0.04	0.05	37.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	13.34	13.80	13.33	13.49	1.97	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.02	0.05	0.04	42.40	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	8.52	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:51:17	DataFile Name :	028SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	11.79	-3.23	3.41	224.91	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	9.25	ppb
Arsenic	75-2	0.06	0.16	0.14	0.12	44.85	ppb
Barium	135-1	1.01	1.07	0.99	1.03	3.66	ppb
Barium	137-1	1.03	1.04	0.98	1.02	3.24	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	219.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	43.22	54.43	45.83	47.83	12.26	ppb
Boron	11-1	43.59	51.84	46.39	47.27	8.87	ppb
Cadmium	111-1	-0.17	-0.11	-0.20	-0.16		ppb
Cadmium	106-1	-2.44	-1.75	-2.88	-2.36		ppb
Cadmium	108-1	0.10	0.12	0.10	0.11	10.47	ppb
Calcium	43-1	975.26	1085.48	1029.04	1029.93	5.35	ppb
Calcium	44-1	995.84	1147.00	1033.21	1058.69	7.44	ppb
Chromium	52-2	0.04	0.01	0.04	0.03	69.59	ppb
Cobalt	59-2	-0.03	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.50	0.56	0.54	0.53	5.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2.29	1.76	1.50	1.85	21.84	ppb
Iron	57-2	0.93	4.15	0.97	2.02	91.58	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.12	0.12	3.84	ppb
Lead	207-1	0.09	0.12	0.07	0.09	23.60	ppb
Lead	208-1	0.09	0.13	0.11	0.11	15.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	332.27	313.27	317.30	320.95	3.12	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:51:17	DataFile Name :	028SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.56	0.54	0.38	0.49	20.24	ppb
Molybdenum	94-1	0.14	0.09	0.12	0.12	18.37	ppb
Molybdenum	95-1	0.02	0.09	0.06	0.06	57.18	ppb
Molybdenum	96-1	0.03	0.07	0.06	0.06	38.72	ppb
Molybdenum	97-1	0.00	0.05	0.06	0.04	86.80	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	26.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.07	0.03	0.08	71.72	ppb
Phosphorus	31-2	78.38	23.77	23.34	41.83	75.68	ppb
Potassium	39-2	241.84	258.12	244.97	248.31	3.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	-2.20	-2.20	10.64	2.08	356.05	ppb
Selenium	78-2	-0.81	3.84	-0.81	0.74	363.19	ppb
Selenium	82-1	2.06	2.70	2.18	2.31	14.71	ppb
Silicon	28-1	7407.01	8517.83	7670.22	7865.02	7.38	ppb
Silver	109-1	0.16	0.20	0.16	0.17	12.88	ppb
Silver	107-1	0.17	0.19	0.20	0.19	9.62	ppb
Sodium	23-2	172279.45	175488.33	172300.23	173356.00	1.07	ppb
Strontium	86-1	1.83	2.13	1.70	1.89	11.52	ppb
Strontium	88-1	1.92	2.24	1.96	2.04	8.34	ppb
Sulfur	34-1	16466.05	20716.91	17425.94	18202.97	12.25	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.04	0.04	0.04	17.02	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.32	ppb
Tin	118-1	0.37	0.51	0.37	0.41	19.59	ppb
Titanium	47-1	0.32	0.29	0.36	0.32	10.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.19	ppb
Vanadium	51-2	0.14	0.16	0.13	0.14	13.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	6.41	6.45	6.61	6.49	1.61	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:51:17	DataFile Name :	028SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.04	0.05	26.24	ppb
Zirconium	91-1	0.04	0.07	0.05	0.05	29.94	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	7.47	6.63	5.76	39.50	ppb
Antimony	121-1	0.11	0.12	0.09	0.11	15.54	ppb
Arsenic	75-2	0.03	0.07	0.06	0.05	33.93	ppb
Barium	135-1	0.98	0.88	0.96	0.94	5.54	ppb
Barium	137-1	0.90	0.99	0.97	0.95	4.96	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	113.51	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	41.71	43.79	45.90	43.80	4.79	ppb
Boron	11-1	43.95	45.70	47.15	45.60	3.52	ppb
Cadmium	111-1	-0.18	-0.14	-0.11	-0.15		ppb
Cadmium	106-1	-2.39	-1.96	-1.65	-2.00		ppb
Cadmium	108-1	0.03	0.06	0.10	0.07	54.56	ppb
Calcium	43-1	1012.24	1010.80	963.92	995.66	2.76	ppb
Calcium	44-1	1025.69	995.82	1017.42	1012.98	1.52	ppb
Chromium	52-2	-0.06	-0.07	0.05	-0.03		ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.52	0.55	0.39	0.49	16.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	1.67	2.27	1.50	1.81	22.33	ppb
Iron	57-2	1.34	0.85	0.98	1.06	23.94	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.10	0.09	13.79	ppb
Lead	207-1	0.09	0.08	0.06	0.08	16.37	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.51	ppb
Lithium	6-1				106		%
Magnesium	24-2	315.22	356.99	321.33	331.18	6.81	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.36	0.78	0.46	0.53	41.38	ppb
Molybdenum	94-1	0.09	0.10	0.09	0.09	7.36	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	31.81	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.03	40.87	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	21.42	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.18	0.01	0.06	183.91	ppb
Phosphorus	31-2	22.63	56.01	107.09	61.91	68.71	ppb
Potassium	39-2	224.86	247.99	233.47	235.44	4.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	1.49	-0.71	1.53	0.77	166.86	ppb
Selenium	82-1	2.43	2.42	2.28	2.38	3.52	ppb
Silicon	28-1	7530.93	7474.78	7471.40	7492.37	0.45	ppb
Silver	109-1	0.15	0.15	0.17	0.16	8.69	ppb
Silver	107-1	0.14	0.14	0.16	0.15	9.91	ppb
Sodium	23-2	170364.23	188422.63	171416.87	176734.58	5.74	ppb
Strontium	86-1	1.79	1.87	1.91	1.86	3.39	ppb
Strontium	88-1	1.90	1.89	1.96	1.92	2.01	ppb
Sulfur	34-1	16834.81	16289.77	16560.12	16561.57	1.65	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.01	38.66	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	15.45	ppb
Tin	118-1	0.35	0.34	0.39	0.36	8.15	ppb
Titanium	47-1	0.18	0.17	0.33	0.23	38.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.25	0.16	0.15	0.19	30.03	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	6.33	6.86	6.84	6.68	4.50	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.05	0.06	0.04	33.66	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	12.59	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	1.87	3.79	1.95	92.66	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	9.87	ppb
Arsenic	75-2	0.01	-0.04	0.01	-0.01		ppb
Barium	135-1	0.26	0.20	0.19	0.22	18.91	ppb
Barium	137-1	0.24	0.22	0.22	0.23	4.37	ppb
Beryllium	9-1	0.02	-0.03	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	14.80	13.37	16.26	14.81	9.75	ppb
Boron	11-1	15.26	13.76	14.68	14.56	5.17	ppb
Cadmium	111-1	-0.18	-0.16	-0.09	-0.14		ppb
Cadmium	106-1	-2.67	-2.28	-1.09	-2.01		ppb
Cadmium	108-1	-0.04	0.07	0.07	0.04	181.98	ppb
Calcium	43-1	204.84	192.54	187.69	195.02	4.53	ppb
Calcium	44-1	214.30	202.25	191.33	202.63	5.67	ppb
Chromium	52-2	0.03	-0.07	-0.03	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.22	0.23	0.27	0.24	11.99	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				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.57	-0.01	0.58	0.38	88.19	ppb
Iron	57-2	-2.52	-2.53	-2.48	-2.51		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	41.21	ppb
Lead	207-1	0.02	0.01	0.03	0.02	52.07	ppb
Lead	208-1	0.03	0.02	0.02	0.02	29.60	ppb
Lithium	6-1				95		%
Magnesium	24-2	68.26	69.95	63.32	67.18	5.13	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	0.11	0.04	0.02	511.33	ppb
Molybdenum	94-1	0.00	0.06	0.03	0.03	90.59	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.02	23.77	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	7.96	ppb
Molybdenum	97-1	0.03	0.05	0.00	0.03	105.66	ppb
Molybdenum	98-1	0.01	0.03	0.00	0.01	115.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.05	-0.04		ppb
Phosphorus	31-2	-4.56	24.26	25.22	14.97	113.05	ppb
Potassium	39-2	61.80	46.68	52.73	53.73	14.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.76	-1.97	-1.57		ppb
Selenium	82-1	0.49	0.16	-0.25	0.13	276.94	ppb
Silicon	28-1	1594.68	1478.95	1444.15	1505.92	5.23	ppb
Silver	109-1	0.10	0.07	0.09	0.08	19.41	ppb
Silver	107-1	0.09	0.08	0.10	0.09	13.19	ppb
Sodium	23-2	34479.72	33858.90	35047.94	34462.18	1.73	ppb
Strontium	86-1	0.37	0.31	0.33	0.34	8.38	ppb
Strontium	88-1	0.42	0.39	0.41	0.40	3.10	ppb
Sulfur	34-1	2461.08	1364.40	995.80	1607.09	47.43	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.04	0.03	0.04	37.45	ppb
Titanium	47-1	0.14	0.07	0.04	0.08	60.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	21.01	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1.12	0.98	0.99	1.03	7.69	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.02	0.03	0.03	50.81	ppb
Zirconium	91-1	0.04	0.04	0.02	0.03	47.18	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.06	17.32	37.04	26.48	37.53	ppb
Antimony	121-1	0.18	0.20	0.22	0.20	9.64	ppb
Arsenic	75-2	0.32	0.50	0.17	0.33	50.97	ppb
Barium	135-1	116.18	115.13	121.99	117.77	3.14	ppb
Barium	137-1	116.43	115.96	119.75	117.38	1.76	ppb
Beryllium	9-1	0.09	0.08	0.11	0.09	20.27	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	48.25	48.36	50.74	49.12	2.87	ppb
Boron	11-1	45.96	49.48	48.98	48.14	3.96	ppb
Cadmium	111-1	-0.15	-0.24	-0.16	-0.18		ppb
Cadmium	106-1	-2.51	-3.91	-2.62	-3.01		ppb
Cadmium	108-1	0.06	0.13	0.03	0.08	67.24	ppb
Calcium	43-1	42979.12	42890.23	44312.01	43393.79	1.84	ppb
Calcium	44-1	43608.73	43109.87	44201.63	43640.08	1.25	ppb
Chromium	52-2	1.22	1.17	1.06	1.15	7.15	ppb
Cobalt	59-2	0.29	0.25	0.24	0.26	10.04	ppb
Copper	63-2	89.18	91.38	88.89	89.82	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	1180.87	1186.51	1163.86	1177.08	1.00	ppb
Iron	57-2	1175.56	1167.26	1151.98	1164.93	1.03	ppb
Krypton	83-1						cps
Lead	206-1	37.92	38.72	39.61	38.75	2.18	ppb
Lead	207-1	34.34	35.01	35.60	34.98	1.79	ppb
Lead	208-1	35.82	36.45	37.30	36.52	2.03	ppb
Lithium	6-1				103		%
Magnesium	24-2	12858.89	13214.09	12924.15	12999.05	1.45	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.77	211.29	210.09	210.39	0.38	ppb
Molybdenum	94-1	0.16	0.16	0.10	0.14	25.15	ppb
Molybdenum	95-1	0.05	0.03	0.06	0.05	30.64	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	36.31	ppb
Molybdenum	97-1	0.04	0.02	0.09	0.05	71.74	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	31.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.63	10.91	11.41	11.32	3.28	ppb
Phosphorus	31-2	23.69	53.61	23.92	33.74	51.00	ppb
Potassium	39-2	1719.15	1734.28	1748.38	1733.94	0.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	4.22	-2.20	-2.20	-0.06		ppb
Selenium	78-2	6.16	6.20	3.94	5.43	23.76	ppb
Selenium	82-1	3.64	3.93	3.45	3.67	6.69	ppb
Silicon	28-1	8467.28	8461.90	8749.62	8559.60	1.92	ppb
Silver	109-1	0.13	0.16	0.15	0.15	8.57	ppb
Silver	107-1	0.13	0.14	0.17	0.15	11.73	ppb
Sodium	23-2	37589.06	38195.44	38017.69	37934.06	0.82	ppb
Strontium	86-1	112.75	112.41	117.93	114.37	2.71	ppb
Strontium	88-1	115.11	117.39	118.74	117.08	1.57	ppb
Sulfur	34-1	13483.08	13297.34	14473.74	13751.39	4.60	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.42	1.76	1.50	1.56	11.25	ppb
Titanium	47-1	0.67	0.43	0.98	0.69	39.41	ppb
Uranium	238-1	0.11	0.11	0.10	0.11	3.98	ppb
Vanadium	51-2	0.65	0.65	0.65	0.65	0.52	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	24.10	22.95	23.52	23.52	2.44	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.02	0.04	38.54	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	14.20	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.82	3.38	1.85	4.01	63.37	ppb
Antimony	121-1	0.13	0.13	0.12	0.12	4.30	ppb
Arsenic	75-2	0.06	0.03	0.17	0.09	81.16	ppb
Barium	135-1	2.19	2.56	2.30	2.35	8.08	ppb
Barium	137-1	2.35	2.53	2.40	2.42	3.83	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	100.51	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	34.95	37.00	36.36	36.10	2.91	ppb
Boron	11-1	35.85	37.04	37.86	36.91	2.74	ppb
Cadmium	111-1	-0.26	-0.22	-0.16	-0.22		ppb
Cadmium	106-1	-3.78	-3.00	-2.13	-2.97		ppb
Cadmium	108-1	0.00	0.10	0.13	0.08	94.78	ppb
Calcium	43-1	2123.65	2008.73	2083.57	2071.98	2.82	ppb
Calcium	44-1	2106.40	2084.50	2071.15	2087.35	0.85	ppb
Chromium	52-2	0.10	0.06	0.16	0.11	44.81	ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00		ppb
Copper	63-2	0.43	0.25	0.52	0.40	33.88	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				115		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	1.98	2.31	2.58	2.29	13.05	ppb
Iron	57-2	-0.48	4.57	-0.97	1.04	294.96	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.15	0.15	0.16	13.57	ppb
Lead	207-1	0.12	0.12	0.12	0.12	0.10	ppb
Lead	208-1	0.15	0.14	0.14	0.14	3.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	820.99	817.88	807.31	815.39	0.88	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.17	1.85	1.90	1.97	8.65	ppb
Molybdenum	94-1	0.07	0.07	0.04	0.06	27.36	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	10.72	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.02	60.62	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.03	0.02	82.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.14	0.20	0.15	31.88	ppb
Phosphorus	31-2	166.00	79.58	81.66	109.08	45.20	ppb
Potassium	39-2	219.81	214.09	216.27	216.72	1.33	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-2.20	4.16	4.32	2.10	177.43	ppb
Selenium	78-2	1.53	-0.82	-0.79	-0.03		ppb
Selenium	82-1	1.05	2.33	1.29	1.55	43.71	ppb
Silicon	28-1	6634.98	6603.83	6493.98	6577.60	1.13	ppb
Silver	109-1	0.09	0.08	0.10	0.09	12.01	ppb
Silver	107-1	0.11	0.10	0.11	0.11	8.41	ppb
Sodium	23-2	149929.95	147821.32	150976.77	149576.01	1.07	ppb
Strontium	86-1	3.80	3.78	3.77	3.78	0.36	ppb
Strontium	88-1	3.96	4.03	3.98	3.99	0.92	ppb
Sulfur	34-1	11095.48	10801.23	10481.77	10792.83	2.84	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.35	0.37	0.38	0.37	2.92	ppb
Titanium	47-1	0.20	0.33	0.23	0.26	27.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.12	0.12	0.10	39.81	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	15.89	15.04	15.19	15.38	2.96	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.03	0.04	40.72	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	59.83	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	5.51	8.72	4.83	88.68	ppb
Antimony	121-1	0.18	0.20	0.21	0.20	8.35	ppb
Arsenic	75-2	0.01	0.06	0.01	0.03	111.21	ppb
Barium	135-1	5.58	5.61	5.69	5.63	0.99	ppb
Barium	137-1	5.53	5.51	5.60	5.55	0.78	ppb
Beryllium	9-1	-0.02	-0.02	0.03	0.00		ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	67.65	62.09	61.79	63.84	5.17	ppb
Boron	11-1	63.89	67.13	67.45	66.15	2.98	ppb
Cadmium	111-1	-0.23	-0.13	-0.22	-0.19		ppb
Cadmium	106-1	-3.23	-1.83	-2.92	-2.66		ppb
Cadmium	108-1	0.06	-0.04	0.13	0.05	166.71	ppb
Calcium	43-1	3379.97	3450.59	3409.11	3413.22	1.04	ppb
Calcium	44-1	3382.19	3450.07	3428.12	3420.13	1.01	ppb
Chromium	52-2	0.04	0.10	-0.06	0.02	315.14	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	0.61	0.64	0.60	0.62	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				115		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	1.20	1.28	0.91	1.13	17.41	ppb
Iron	57-2	0.19	-0.32	-0.41	-0.18		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.07	0.06	15.24	ppb
Lead	207-1	0.03	0.06	0.06	0.05	28.10	ppb
Lead	208-1	0.06	0.07	0.06	0.06	7.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	986.85	977.63	936.76	967.08	2.76	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.87	13.06	13.18	13.04	1.20	ppb
Molybdenum	94-1	-0.04	-0.01	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	146.76	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	16.89	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.07	0.18	0.09	83.84	ppb
Phosphorus	31-2	260.81	203.24	256.35	240.13	13.34	ppb
Potassium	39-2	698.89	679.28	671.09	683.09	2.09	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.77	-1.97	-0.77	-1.17		ppb
Selenium	82-1	0.39	0.27	-0.38	0.09	449.45	ppb
Silicon	28-1	2577.95	2615.07	2586.97	2593.33	0.75	ppb
Silver	109-1	0.09	0.10	0.09	0.10	5.34	ppb
Silver	107-1	0.09	0.12	0.10	0.10	17.82	ppb
Sodium	23-2	14353.65	14497.51	14004.50	14285.22	1.77	ppb
Strontium	86-1	20.66	20.60	20.55	20.60	0.27	ppb
Strontium	88-1	20.95	21.08	21.13	21.05	0.45	ppb
Sulfur	34-1	-4039.51	-3931.31	-3750.83	-3907.21		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.29	0.32	0.34	0.31	8.48	ppb
Titanium	47-1	0.18	0.20	0.27	0.22	22.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4462.94	ppb
Vanadium	51-2	0.03	0.00	0.04	0.02	77.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	13.85	13.56	15.36	14.26	6.77	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

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

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1830.57	1877.03	1791.17	1832.92	2.34	ppb
Antimony	121-1	100.40	103.05	99.95	101.13	1.66	ppb
Arsenic	75-2	38.89	38.16	39.44	38.83	1.65	ppb
Barium	135-1	2059.86	2096.41	2045.27	2067.18	1.27	ppb
Barium	137-1	2043.30	2087.98	2019.18	2050.15	1.70	ppb
Beryllium	9-1	49.13	49.86	50.29	49.76	1.19	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	38.66	42.43	41.22	40.77	4.72	ppb
Boron	11-1	41.63	42.93	44.81	43.12	3.70	ppb
Cadmium	111-1	49.51	50.73	48.93	49.72	1.85	ppb
Cadmium	106-1	42.80	44.71	39.63	42.38	6.06	ppb
Cadmium	108-1	45.91	44.06	47.33	45.76	3.59	ppb
Calcium	43-1	1026.95	1025.97	1028.10	1027.01	0.10	ppb
Calcium	44-1	1039.28	1070.62	1059.40	1056.43	1.50	ppb
Chromium	52-2	203.57	208.12	206.47	206.05	1.12	ppb
Cobalt	59-2	520.60	534.48	528.03	527.70	1.32	ppb
Copper	63-2	265.17	275.39	273.17	271.24	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				114		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	1027.15	1057.51	1043.62	1042.76	1.46	ppb
Iron	57-2	1000.24	1050.65	1041.48	1030.79	2.61	ppb
Krypton	83-1						cps
Lead	206-1	19.73	20.12	19.90	19.91	0.98	ppb
Lead	207-1	19.31	19.71	19.60	19.54	1.06	ppb
Lead	208-1	19.32	19.89	19.68	19.63	1.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	389.36	407.37	426.58	407.77	4.57	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	497.64	515.72	506.40	506.58	1.79	ppb
Molybdenum	94-1	0.10	0.14	0.15	0.13	19.64	ppb
Molybdenum	95-1	0.05	0.05	0.09	0.06	38.40	ppb
Molybdenum	96-1	0.06	0.10	0.10	0.09	30.74	ppb
Molybdenum	97-1	0.06	0.09	0.12	0.09	34.06	ppb
Molybdenum	98-1	0.04	0.07	0.06	0.06	20.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.11	540.52	531.92	530.85	1.93	ppb
Phosphorus	31-2	-4.56	85.52	25.38	35.45	129.44	ppb
Potassium	39-2	221.90	237.31	225.38	228.20	3.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	144.46	118.04	106.40	122.97	15.86	ppb
Selenium	78-2	140.21	152.58	155.08	149.29	5.33	ppb
Selenium	82-1	147.10	148.85	148.92	148.29	0.70	ppb
Silicon	28-1	7666.13	7671.61	7608.26	7648.67	0.46	ppb
Silver	109-1	48.76	50.33	49.25	49.44	1.62	ppb
Silver	107-1	48.93	49.78	48.71	49.14	1.15	ppb
Sodium	23-2	171838.79	176710.80	176267.42	174939.00	1.54	ppb
Strontium	86-1	2.07	2.03	1.94	2.01	3.19	ppb
Strontium	88-1	2.07	2.09	2.01	2.05	2.05	ppb
Sulfur	34-1	16564.22	16894.83	16708.06	16722.37	0.99	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	48.91	50.39	49.64	49.65	1.49	ppb
Thallium	205-1	49.79	50.61	50.29	50.23	0.82	ppb
Tin	118-1	0.49	0.55	0.46	0.50	9.10	ppb
Titanium	47-1	0.27	0.15	0.13	0.19	39.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.77	ppb
Vanadium	51-2	503.24	519.55	513.04	511.94	1.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	539.81	540.48	543.00	541.10	0.31	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.05	0.03	0.04	32.46	ppb
Zirconium	91-1	0.08	0.08	0.08	0.08	4.83	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.47	9.00	2.06	3.20	166.71	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	3.36	ppb
Arsenic	75-2	0.01	0.04	0.06	0.04	73.87	ppb
Barium	135-1	1.14	1.11	1.09	1.11	2.00	ppb
Barium	137-1	1.00	1.20	1.01	1.07	10.78	ppb
Beryllium	9-1	0.04	0.02	-0.04	0.01	559.95	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	43.22	42.87	42.91	43.00	0.44	ppb
Boron	11-1	43.27	45.73	42.60	43.87	3.76	ppb
Cadmium	111-1	-0.19	-0.22	-0.19	-0.20		ppb
Cadmium	106-1	-2.63	-2.93	-2.89	-2.82		ppb
Cadmium	108-1	0.03	0.14	0.03	0.07	96.56	ppb
Calcium	43-1	982.28	1122.76	1021.09	1042.05	6.96	ppb
Calcium	44-1	1026.84	1092.51	1038.56	1052.64	3.33	ppb
Chromium	52-2	0.07	0.11	-0.01	0.05	114.67	ppb
Cobalt	59-2	-0.02	0.03	0.05	0.02	151.37	ppb
Copper	63-2	0.50	0.44	0.39	0.44	12.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	1.46	2.10	1.70	1.76	18.41	ppb
Iron	57-2	-1.94	2.37	0.80	0.41	528.94	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	2.07	ppb
Lead	207-1	0.08	0.09	0.08	0.08	12.06	ppb
Lead	208-1	0.09	0.10	0.08	0.09	6.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	322.63	330.93	356.58	336.71	5.26	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.56	0.42	0.63	0.54	19.97	ppb
Molybdenum	94-1	0.09	0.07	0.09	0.08	13.48	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	74.44	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	32.37	ppb
Molybdenum	97-1	-0.01	0.05	-0.01	0.01	324.50	ppb
Molybdenum	98-1	-0.01	0.01	0.01	0.00	197.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.17	0.26	0.17	57.88	ppb
Phosphorus	31-2	25.23	84.43	-4.56	35.03	129.31	ppb
Potassium	39-2	216.91	292.55	235.56	248.34	15.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	17.63	11.15	4.50	11.09	59.20	ppb
Selenium	78-2	17.14	10.09	13.77	13.67	25.81	ppb
Selenium	82-1	15.75	16.24	16.26	16.08	1.82	ppb
Silicon	28-1	7430.28	7965.81	7425.07	7607.05	4.08	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.84	ppb
Silver	107-1	0.07	0.08	0.07	0.07	12.65	ppb
Sodium	23-2	175227.11	172582.83	176034.70	174614.88	1.03	ppb
Strontium	86-1	1.94	2.05	1.82	1.94	6.09	ppb
Strontium	88-1	1.95	2.09	1.97	2.00	3.72	ppb
Sulfur	34-1	16219.14	18355.46	16348.67	16974.42	7.06	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.31	0.33	0.32	0.32	2.25	ppb
Titanium	47-1	0.32	0.26	0.26	0.28	13.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.24	0.17	0.20	0.20	16.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	7.34	7.66	7.45	7.48	2.13	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	26.12	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	83.55	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48527.54	48105.97	48002.99	48212.17	0.58	ppb
Antimony	121-1	498.59	501.99	507.86	502.81	0.93	ppb
Arsenic	75-2	484.23	493.61	503.31	493.71	1.93	ppb
Barium	135-1	2555.12	2563.37	2563.86	2560.78	0.19	ppb
Barium	137-1	2526.40	2538.22	2551.31	2538.65	0.49	ppb
Beryllium	9-1	502.57	498.53	509.67	503.59	1.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	487.97	489.20	530.27	502.48	4.79	ppb
Boron	11-1	482.95	491.24	522.38	498.86	4.17	ppb
Cadmium	111-1	483.47	485.12	483.10	483.90	0.22	ppb
Cadmium	106-1	484.19	488.34	487.77	486.77	0.46	ppb
Cadmium	108-1	487.85	489.37	492.58	489.93	0.49	ppb
Calcium	43-1	244022.22	245678.07	245457.81	245052.70	0.37	ppb
Calcium	44-1	242610.94	241352.96	244007.97	242657.29	0.55	ppb
Chromium	52-2	511.67	512.29	510.08	511.35	0.22	ppb
Cobalt	59-2	493.36	498.18	495.42	495.65	0.49	ppb
Copper	63-2	961.35	969.61	958.68	963.21	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	125035.51	125402.90	124695.04	125044.48	0.28	ppb
Iron	57-2	122534.50	123011.54	122782.36	122776.13	0.19	ppb
Krypton	83-1						cps
Lead	206-1	520.84	524.22	510.96	518.67	1.33	ppb
Lead	207-1	516.57	520.83	513.81	517.07	0.68	ppb
Lead	208-1	516.85	521.85	512.43	517.04	0.91	ppb
Lithium	6-1				94		%
Magnesium	24-2	242805.78	246016.78	242525.82	243782.79	0.80	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.49	993.69	985.29	990.49	0.46	ppb
Molybdenum	94-1	2533.66	2533.62	2493.69	2520.32	0.92	ppb
Molybdenum	95-1	2515.97	2549.12	2514.30	2526.47	0.78	ppb
Molybdenum	96-1	2523.10	2541.80	2528.49	2531.13	0.38	ppb
Molybdenum	97-1	2564.27	2562.30	2538.35	2554.97	0.56	ppb
Molybdenum	98-1	2544.33	2524.73	2520.79	2529.95	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.42	504.36	500.48	500.42	0.79	ppb
Phosphorus	31-2	9150.37	9747.11	8507.35	9134.94	6.79	ppb
Potassium	39-2	119334.85	120498.68	120277.86	120037.13	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	406.85	440.28	482.53	443.22	8.56	ppb
Selenium	78-2	467.11	501.30	483.02	483.81	3.54	ppb
Selenium	82-1	488.02	493.23	489.07	490.11	0.56	ppb
Silicon	28-1	506.82	516.58	514.87	512.76	1.02	ppb
Silver	109-1	496.50	497.21	498.94	497.55	0.25	ppb
Silver	107-1	495.84	495.83	493.09	494.92	0.32	ppb
Sodium	23-2	241376.98	245003.81	242661.71	243014.17	0.76	ppb
Strontium	86-1	491.11	491.06	494.34	492.17	0.38	ppb
Strontium	88-1	501.65	498.23	501.01	500.30	0.36	ppb
Sulfur	34-1	8885.32	8848.24	9063.48	8932.35	1.29	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	520.04	516.23	513.54	516.60	0.63	ppb
Thallium	205-1	520.83	514.28	502.18	512.43	1.85	ppb
Tin	118-1	509.62	508.96	505.78	508.12	0.40	ppb
Titanium	47-1	2606.22	2519.41	2567.84	2564.49	1.70	ppb
Uranium	238-1	525.38	526.82	518.31	523.50	0.87	ppb
Vanadium	51-2	499.47	502.42	496.80	499.56	0.56	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	967.71	979.83	965.69	971.08	0.79	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.33	507.65	507.17	506.72	0.24	ppb
Zirconium	91-1	494.00	493.76	491.05	492.94	0.33	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.51	4.60	7.31	3.47	130.24	ppb
Antimony	121-1	0.80	0.80	0.70	0.77	7.32	ppb
Arsenic	75-2	0.01	-0.04	0.06	0.01	522.89	ppb
Barium	135-1	0.09	0.07	0.07	0.07	15.40	ppb
Barium	137-1	0.08	0.09	0.05	0.07	31.16	ppb
Beryllium	9-1	0.06	0.17	0.13	0.12	42.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	13.33	12.40	10.74	12.16	10.82	ppb
Boron	11-1	13.17	13.48	11.92	12.86	6.42	ppb
Cadmium	111-1	-0.08	-0.06	-0.15	-0.10		ppb
Cadmium	106-1	-1.63	-1.29	-2.57	-1.83		ppb
Cadmium	108-1	0.07	0.11	0.04	0.07	52.50	ppb
Calcium	43-1	2.84	9.65	6.99	6.49	52.86	ppb
Calcium	44-1	1.15	3.50	3.88	2.85	51.90	ppb
Chromium	52-2	-0.01	0.16	-0.07	0.03	411.93	ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.06	0.11	0.08	0.08	34.08	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				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	3.60	3.08	2.83	3.17	12.36	ppb
Iron	57-2	2.28	3.76	0.78	2.27	65.60	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	10.36	ppb
Lead	207-1	0.03	0.02	0.03	0.03	28.31	ppb
Lead	208-1	0.03	0.02	0.03	0.03	22.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	6.90	6.36	5.06	6.11	15.51	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	0.03	-0.08	-0.06		ppb
Molybdenum	94-1	0.96	0.78	0.78	0.84	12.41	ppb
Molybdenum	95-1	0.82	0.75	0.71	0.76	7.39	ppb
Molybdenum	96-1	0.89	0.82	0.66	0.79	15.11	ppb
Molybdenum	97-1	0.83	0.65	0.74	0.74	12.47	ppb
Molybdenum	98-1	0.82	0.83	0.67	0.77	11.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.09	-0.06		ppb
Phosphorus	31-2	-4.56	28.68	-4.56	6.52	294.50	ppb
Potassium	39-2	-12.59	9.65	10.79	2.62	503.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	-2.20	-2.20	4.46	0.02	17700.27	ppb
Selenium	78-2	-1.97	0.78	-1.97	-1.05		ppb
Selenium	82-1	-0.41	0.76	0.57	0.31	205.76	ppb
Silicon	28-1	35.79	-11.65	-12.64	3.84	721.66	ppb
Silver	109-1	0.05	0.04	0.04	0.04	15.26	ppb
Silver	107-1	0.06	0.05	0.03	0.05	26.09	ppb
Sodium	23-2	71.37	87.68	67.96	75.67	13.93	ppb
Strontium	86-1	0.03	-0.04	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.77	ppb
Sulfur	34-1	-1871.29	-1571.78	-1534.47	-1659.18		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.08	0.05	0.06	18.72	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	12.54	ppb
Tin	118-1	0.29	0.24	0.36	0.29	19.98	ppb
Titanium	47-1	0.01	0.13	0.13	0.09	77.25	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.43	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	144.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	0.10	0.35	0.15	0.20	66.05	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.18	0.16	0.18	7.34	ppb
Zirconium	91-1	0.15	0.15	0.15	0.15	1.57	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	-1.60	0.07	0.03	5260.84	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	13.64	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.04	0.01	385.24	ppb
Barium	137-1	0.00	0.00	0.00	0.00	50.93	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	81.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	1.99	1.87	2.15	2.00	6.96	ppb
Boron	11-1	1.88	1.72	1.88	1.83	5.10	ppb
Cadmium	111-1	-0.12	-0.19	-0.24	-0.18		ppb
Cadmium	106-1	-1.51	-2.50	-3.10	-2.37		ppb
Cadmium	108-1	0.07	0.00	0.08	0.05	90.94	ppb
Calcium	43-1	-0.56	-6.30	-2.57	-3.14		ppb
Calcium	44-1	-6.53	-5.24	-6.14	-5.97		ppb
Chromium	52-2	-0.08	-0.04	-0.17	-0.10		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.04	-0.07	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	-0.29	-0.09	-0.17	-0.18		ppb
Iron	57-2	-1.61	-2.60	0.48	-1.24		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	36.64	ppb
Lead	207-1	0.02	0.00	0.03	0.01	111.17	ppb
Lead	208-1	0.01	0.01	0.03	0.02	40.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.56	-1.34	-0.61	-0.13		ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.17	-0.07	-0.10		ppb
Molybdenum	94-1	0.07	0.07	0.04	0.06	32.57	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	18.93	ppb
Molybdenum	96-1	0.04	0.01	0.03	0.03	60.80	ppb
Molybdenum	97-1	0.08	0.05	0.03	0.05	43.48	ppb
Molybdenum	98-1	0.04	0.03	0.05	0.04	31.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.13	-0.08	-0.12		ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	-0.48	-7.59	-3.40	-3.82		ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-1.97	-0.81	-1.58		ppb
Selenium	82-1	-0.27	0.46	0.26	0.15	248.57	ppb
Silicon	28-1	-13.25	-12.60	-7.99	-11.28		ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.40	ppb
Silver	107-1	0.01	0.01	0.02	0.01	27.62	ppb
Sodium	23-2	36.46	28.50	24.73	29.90	20.02	ppb
Strontium	86-1	-0.06	-0.08	-0.06	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1102.56	-975.00	-141.99	-739.85		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	37.61	ppb
Thallium	205-1	0.00	0.00	0.02	0.01	88.59	ppb
Tin	118-1	-0.02	0.01	0.02	0.00	475.03	ppb
Titanium	47-1	-0.11	-0.03	-0.05	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.17	-0.10	-0.06	-0.11		ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.04	0.04	17.54	ppb
Zirconium	91-1	0.08	0.04	0.04	0.05	42.45	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9656.10	9215.00	9319.52	9396.87	2.45	ppb
Antimony	121-1	498.54	495.95	501.78	498.76	0.59	ppb
Arsenic	75-2	482.73	483.95	481.68	482.79	0.23	ppb
Barium	135-1	2543.04	2484.20	2503.20	2510.14	1.20	ppb
Barium	137-1	2506.03	2451.43	2502.99	2486.82	1.23	ppb
Beryllium	9-1	489.90	492.34	493.88	492.04	0.41	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	456.06	478.66	493.82	476.18	3.99	ppb
Boron	11-1	459.44	477.08	485.18	473.90	2.78	ppb
Cadmium	111-1	493.66	491.75	495.77	493.73	0.41	ppb
Cadmium	106-1	494.35	502.00	489.07	495.14	1.31	ppb
Cadmium	108-1	494.50	491.01	495.56	493.69	0.48	ppb
Calcium	43-1	47808.02	47717.53	47990.72	47838.75	0.29	ppb
Calcium	44-1	48831.10	47835.75	47655.06	48107.30	1.32	ppb
Chromium	52-2	493.25	487.25	489.52	490.01	0.62	ppb
Cobalt	59-2	495.51	490.56	493.92	493.33	0.51	ppb
Copper	63-2	985.18	981.32	983.54	983.35	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	25161.97	24789.22	25001.35	24984.18	0.75	ppb
Iron	57-2	24467.30	24305.82	24538.12	24437.08	0.49	ppb
Krypton	83-1						cps
Lead	206-1	505.12	501.95	504.57	503.88	0.34	ppb
Lead	207-1	502.02	496.96	494.64	497.87	0.76	ppb
Lead	208-1	501.11	496.23	499.20	498.85	0.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	49255.63	49080.44	48832.01	49056.03	0.43	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.71	975.33	985.48	982.51	0.64	ppb
Molybdenum	94-1	2494.60	2499.75	2479.75	2491.36	0.42	ppb
Molybdenum	95-1	2491.18	2484.98	2454.81	2476.99	0.79	ppb
Molybdenum	96-1	2490.32	2497.35	2479.00	2488.89	0.37	ppb
Molybdenum	97-1	2529.84	2509.92	2505.41	2515.06	0.52	ppb
Molybdenum	98-1	2489.97	2505.49	2477.36	2490.94	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.80	492.89	496.29	496.00	0.60	ppb
Phosphorus	31-2	9998.67	9040.30	9652.60	9563.85	5.07	ppb
Potassium	39-2	23687.43	23320.38	23238.79	23415.53	1.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	421.44	386.86	388.05	398.78	4.92	ppb
Selenium	78-2	492.40	456.28	477.24	475.31	3.82	ppb
Selenium	82-1	499.08	493.75	488.00	493.61	1.12	ppb
Silicon	28-1	506.66	502.81	508.86	506.11	0.60	ppb
Silver	109-1	504.91	498.13	508.61	503.88	1.05	ppb
Silver	107-1	506.91	497.76	503.99	502.89	0.93	ppb
Sodium	23-2	48658.25	48027.36	48092.26	48259.29	0.72	ppb
Strontium	86-1	488.95	486.45	487.83	487.74	0.26	ppb
Strontium	88-1	499.29	497.38	492.58	496.42	0.70	ppb
Sulfur	34-1	8657.51	8390.61	8551.86	8533.33	1.58	ppb
Terbium	159-1				113		%
Terbium	159-2				114		%
Thallium	203-1	501.79	495.31	504.18	500.43	0.92	ppb
Thallium	205-1	495.62	492.91	495.54	494.69	0.31	ppb
Tin	118-1	498.24	495.23	503.15	498.87	0.80	ppb
Titanium	47-1	2512.67	2467.30	2504.58	2494.85	0.97	ppb
Uranium	238-1	494.90	490.53	488.13	491.19	0.70	ppb
Vanadium	51-2	492.28	489.29	490.23	490.60	0.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	1006.76	995.32	989.50	997.19	0.88	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.18	496.96	495.08	497.07	0.41	ppb
Zirconium	91-1	487.72	483.03	481.82	484.19	0.64	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:16:52	DataFile Name :	042SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.23	3.20	5.31	1.76	252.67	ppb
Antimony	121-1	2.62	2.21	1.94	2.26	15.28	ppb
Arsenic	75-2	46.88	49.07	49.34	48.43	2.78	ppb
Barium	135-1	446.17	437.27	433.25	438.90	1.51	ppb
Barium	137-1	444.19	436.31	436.20	438.90	1.04	ppb
Beryllium	9-1	0.22	0.14	0.09	0.15	46.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	209.76	199.09	194.17	201.01	3.96	ppb
Boron	11-1	207.66	200.21	194.77	200.88	3.22	ppb
Cadmium	111-1	-0.10	-0.12	-0.15	-0.13		ppb
Cadmium	106-1	-3.00	-3.17	-3.13	-3.10		ppb
Cadmium	108-1	0.23	0.23	0.26	0.24	7.71	ppb
Calcium	43-1	109343.69	106281.40	105239.15	106954.74	1.99	ppb
Calcium	44-1	107674.26	104580.08	103529.06	105261.13	2.05	ppb
Chromium	52-2	0.96	0.97	0.95	0.96	1.17	ppb
Cobalt	59-2	0.37	0.40	0.34	0.37	8.54	ppb
Copper	63-2	2.12	2.14	2.29	2.19	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				106		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	10476.06	10464.45	10290.30	10410.27	1.00	ppb
Iron	57-2	9979.77	10113.54	10079.42	10057.58	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.34	0.29	0.35	17.96	ppb
Lead	207-1	0.34	0.30	0.28	0.31	9.50	ppb
Lead	208-1	0.38	0.32	0.30	0.33	12.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	11157.66	11330.14	11050.90	11179.57	1.26	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:16:52 DataFile Name : 042SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	135.18	129.49	130.40	131.69	2.32	ppb
Molybdenum	94-1	4.07	3.65	3.36	3.69	9.70	ppb
Molybdenum	95-1	3.78	3.48	3.25	3.50	7.60	ppb
Molybdenum	96-1	3.82	3.59	3.28	3.56	7.60	ppb
Molybdenum	97-1	3.80	3.42	3.20	3.47	8.79	ppb
Molybdenum	98-1	3.83	3.44	3.06	3.44	11.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.55	45.78	47.14	46.15	1.86	ppb
Phosphorus	31-2	30.94	68.23	31.67	43.61	48.89	ppb
Potassium	39-2	1124.18	1148.40	1053.87	1108.81	4.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				76		%
Selenium	77-2	-2.20	5.66	-2.20	0.42	1073.87	ppb
Selenium	78-2	-0.55	-0.55	0.93	-0.06		ppb
Selenium	82-1	1.97	1.45	1.50	1.64	17.56	ppb
Silicon	28-1	11247.96	10858.69	10754.98	10953.88	2.37	ppb
Silver	109-1	0.56	0.50	0.46	0.51	9.77	ppb
Silver	107-1	0.50	0.48	0.50	0.50	2.34	ppb
Sodium	23-2	47808.61	47851.87	47493.08	47717.85	0.41	ppb
Strontium	86-1	487.72	475.73	471.99	478.48	1.72	ppb
Strontium	88-1	493.50	483.96	480.57	486.01	1.38	ppb
Sulfur	34-1	-1369.31	-1941.08	-2166.35	-1825.58		ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	0.46	0.29	0.22	0.32	38.68	ppb
Thallium	205-1	0.38	0.30	0.25	0.31	22.02	ppb
Tin	118-1	9.17	8.13	7.70	8.33	9.10	ppb
Titanium	47-1	1.26	1.06	1.34	1.22	12.12	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.02	ppb
Vanadium	51-2	1.20	1.29	1.07	1.18	9.36	ppb
Yttrium	89-1				94		%
Yttrium	89-2				83		%
Zinc	66-2	4.19	4.14	3.99	4.11	2.56	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:16:52	DataFile Name :	042SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.77	0.62	0.74	15.30	ppb
Zirconium	91-1	0.94	0.79	0.61	0.78	20.74	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01DUP Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709DL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:20:11 DataFile Name : 043SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.95	5.46	7.71	7.04	19.48	ppb
Antimony	121-1	1.02	1.08	1.03	1.05	3.02	ppb
Arsenic	75-2	48.87	48.93	49.20	49.00	0.37	ppb
Barium	135-1	451.37	456.95	444.81	451.04	1.35	ppb
Barium	137-1	451.54	450.64	445.81	449.33	0.69	ppb
Beryllium	9-1	0.07	0.07	0.12	0.09	33.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	187.41	180.11	186.47	184.66	2.15	ppb
Boron	11-1	187.10	184.57	183.91	185.19	0.91	ppb
Cadmium	111-1	-0.24	-0.15	-0.29	-0.22		ppb
Cadmium	106-1	-3.50	-2.33	-4.29	-3.37		ppb
Cadmium	108-1	0.04	0.07	-0.04	0.02	244.66	ppb
Calcium	43-1	110498.02	110304.15	111100.98	110634.39	0.38	ppb
Calcium	44-1	108610.30	109509.06	108398.87	108839.41	0.54	ppb
Chromium	52-2	0.66	0.70	0.93	0.76	18.75	ppb
Cobalt	59-2	0.29	0.35	0.39	0.34	13.61	ppb
Copper	63-2	2.47	2.47	2.52	2.49	1.27	ppb
Dysprosium	156-1						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				95		%
Indium	115-1				97		%
Indium	115-2				82		%
Iron	56-2	11232.76	10682.21	10828.24	10914.41	2.61	ppb
Iron	57-2	10695.54	10420.89	10480.63	10532.36	1.37	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.19	0.20	0.19	4.42	ppb
Lead	207-1	0.19	0.18	0.16	0.18	9.04	ppb
Lead	208-1	0.18	0.19	0.19	0.19	1.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	11784.30	11438.65	11457.93	11560.29	1.68	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01DUP Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709DL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:20:11 DataFile Name : 043SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	140.65	137.14	138.79	138.86	1.27	ppb
Molybdenum	94-1	2.43	2.39	2.47	2.43	1.52	ppb
Molybdenum	95-1	2.62	2.57	2.52	2.57	1.90	ppb
Molybdenum	96-1	2.53	2.38	2.48	2.46	3.00	ppb
Molybdenum	97-1	2.50	2.47	2.45	2.47	1.00	ppb
Molybdenum	98-1	2.60	2.54	2.63	2.59	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.33	46.77	47.11	47.40	1.73	ppb
Phosphorus	31-2	-4.56	32.32	106.85	44.87	126.50	ppb
Potassium	39-2	1173.72	1104.41	1118.06	1132.06	3.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				73		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.50	-0.50	-0.99		ppb
Selenium	82-1	1.34	0.97	0.27	0.86	63.55	ppb
Silicon	28-1	11172.28	11199.39	11148.42	11173.36	0.23	ppb
Silver	109-1	0.22	0.28	0.21	0.24	14.45	ppb
Silver	107-1	0.23	0.26	0.20	0.23	12.74	ppb
Sodium	23-2	50771.61	47887.19	49999.64	49552.82	3.01	ppb
Strontium	86-1	493.90	500.36	498.27	497.51	0.66	ppb
Strontium	88-1	502.11	507.01	498.55	502.56	0.84	ppb
Sulfur	34-1	-1914.88	-1984.42	-2073.82	-1991.04		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.04	0.05	0.05	10.95	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	8.76	ppb
Tin	118-1	5.40	5.43	5.39	5.41	0.40	ppb
Titanium	47-1	1.09	1.59	1.24	1.31	19.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.93	ppb
Vanadium	51-2	1.42	1.30	1.06	1.26	14.63	ppb
Yttrium	89-1				93		%
Yttrium	89-2				80		%
Zinc	66-2	3.66	3.72	4.19	3.86	7.46	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:20:11	DataFile Name :	043SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.42	0.35	0.40	9.08	ppb
Zirconium	91-1	0.42	0.39	0.39	0.40	4.50	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 16:23:29	DataFile Name :	044SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	5.39	-1.33	0.91	426.84	ppb
Antimony	121-1	0.21	0.18	0.19	0.20	7.10	ppb
Arsenic	75-2	9.50	9.48	9.38	9.46	0.65	ppb
Barium	135-1	84.88	84.07	84.94	84.63	0.57	ppb
Barium	137-1	84.34	84.90	84.74	84.66	0.34	ppb
Beryllium	9-1	0.01	0.07	0.04	0.04	66.91	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	48.49	50.69	49.94	49.70	2.25	ppb
Boron	11-1	47.77	48.10	49.71	48.53	2.14	ppb
Cadmium	111-1	-0.14	-0.18	-0.13	-0.15		ppb
Cadmium	106-1	-1.95	-2.54	-2.16	-2.22		ppb
Cadmium	108-1	0.03	0.00	0.07	0.03	112.83	ppb
Calcium	43-1	19947.26	20126.22	20279.35	20117.61	0.83	ppb
Calcium	44-1	20185.09	20303.31	20218.51	20235.63	0.30	ppb
Chromium	52-2	0.13	0.34	0.10	0.19	67.47	ppb
Cobalt	59-2	0.04	0.04	0.02	0.03	43.74	ppb
Copper	63-2	0.75	0.78	0.72	0.75	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	1949.74	2210.64	1926.80	2029.06	7.77	ppb
Iron	57-2	1880.68	2204.38	1912.47	1999.18	8.92	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.05	16.25	ppb
Lead	207-1	0.02	0.01	0.02	0.02	44.84	ppb
Lead	208-1	0.04	0.02	0.03	0.03	24.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	2138.41	2433.38	2125.70	2232.50	7.80	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 16:23:29	DataFile Name :	044SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.49	28.84	25.64	26.66	7.09	ppb
Molybdenum	94-1	0.40	0.52	0.51	0.48	14.49	ppb
Molybdenum	95-1	0.51	0.54	0.56	0.54	5.11	ppb
Molybdenum	96-1	0.67	0.57	0.55	0.60	10.77	ppb
Molybdenum	97-1	0.63	0.58	0.57	0.59	5.32	ppb
Molybdenum	98-1	0.51	0.55	0.58	0.55	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.48	9.59	8.52	8.86	7.11	ppb
Phosphorus	31-2	-4.56	105.24	27.67	42.78	131.92	ppb
Potassium	39-2	192.70	266.21	198.76	219.23	18.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				81		%
Selenium	77-2	4.91	-2.20	-2.20	0.17	2371.17	ppb
Selenium	78-2	-1.97	-1.97	0.62	-1.11		ppb
Selenium	82-1	0.34	0.55	0.91	0.60	48.20	ppb
Silicon	28-1	2088.97	2102.68	2124.34	2105.33	0.85	ppb
Silver	109-1	0.09	0.08	0.08	0.08	4.71	ppb
Silver	107-1	0.08	0.09	0.07	0.08	11.78	ppb
Sodium	23-2	8873.02	10040.03	8769.43	9227.49	7.65	ppb
Strontium	86-1	90.54	93.51	91.80	91.95	1.62	ppb
Strontium	88-1	92.93	96.11	95.92	94.99	1.88	ppb
Sulfur	34-1	-2261.43	-2453.26	-2297.84	-2337.51		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.34	0.33	0.31	0.33	4.55	ppb
Titanium	47-1	0.14	0.14	0.07	0.12	31.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	106.87	ppb
Vanadium	51-2	0.19	0.26	0.13	0.20	33.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	1.31	0.87	0.89	1.03	24.09	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 16:23:29	DataFile Name :	044SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.04	0.05	12.50	ppb
Zirconium	91-1	0.08	0.06	0.07	0.07	18.07	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:26:48 DataFile Name : 045SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8623.06	8867.92	8380.18	8623.72	2.83	ppb
Antimony	121-1	484.99	482.93	518.29	495.40	4.01	ppb
Arsenic	75-2	537.69	541.16	533.02	537.29	0.76	ppb
Barium	135-1	2818.11	2790.02	2957.80	2855.31	3.15	ppb
Barium	137-1	2796.97	2759.29	2941.82	2832.69	3.40	ppb
Beryllium	9-1	415.61	408.91	424.08	416.20	1.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	546.69	562.16	589.97	566.27	3.87	ppb
Boron	11-1	539.54	542.25	579.82	553.87	4.06	ppb
Cadmium	111-1	464.16	464.98	488.46	472.53	2.92	ppb
Cadmium	106-1	457.00	456.62	494.08	469.23	4.59	ppb
Cadmium	108-1	459.84	461.03	494.14	471.67	4.13	ppb
Calcium	43-1	160440.28	160445.89	166099.75	162328.64	2.01	ppb
Calcium	44-1	156686.45	155842.03	163518.17	158682.22	2.65	ppb
Chromium	52-2	525.50	529.24	514.58	523.11	1.46	ppb
Cobalt	59-2	544.17	542.68	530.44	539.10	1.40	ppb
Copper	63-2	1067.36	1061.87	1050.05	1059.76	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				80		%
Iron	56-2	36327.36	36444.88	35524.95	36099.06	1.39	ppb
Iron	57-2	35565.65	35634.49	34780.32	35326.82	1.34	ppb
Krypton	83-1						cps
Lead	206-1	503.87	507.34	542.15	517.79	4.09	ppb
Lead	207-1	487.89	487.98	522.05	499.31	3.94	ppb
Lead	208-1	495.67	497.38	537.51	510.19	4.64	ppb
Lithium	6-1				103		%
Magnesium	24-2	62783.33	61997.91	60392.77	61724.67	1.97	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:26:48 DataFile Name : 045SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1115.91	1105.84	1089.18	1103.64	1.22	ppb
Molybdenum	94-1	2441.65	2458.51	2608.98	2503.05	3.68	ppb
Molybdenum	95-1	2408.03	2414.13	2597.40	2473.18	4.35	ppb
Molybdenum	96-1	2434.27	2430.27	2620.85	2495.13	4.36	ppb
Molybdenum	97-1	2463.44	2475.68	2653.13	2530.75	4.19	ppb
Molybdenum	98-1	2417.22	2441.80	2621.79	2493.60	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	597.65	594.33	582.24	591.41	1.37	ppb
Phosphorus	31-2	32.42	143.61	105.45	93.82	60.22	ppb
Potassium	39-2	23219.17	23367.35	22801.42	23129.31	1.27	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				74		%
Selenium	77-2	370.13	349.47	442.75	387.45	12.64	ppb
Selenium	78-2	473.51	460.73	514.22	482.82	5.79	ppb
Selenium	82-1	505.00	505.17	547.86	519.34	4.76	ppb
Silicon	28-1	11686.85	11598.89	12095.18	11793.64	2.25	ppb
Silver	109-1	379.31	378.93	401.61	386.62	3.36	ppb
Silver	107-1	378.26	376.33	404.53	386.37	4.08	ppb
Sodium	23-2	98902.77	99442.86	96832.14	98392.59	1.40	ppb
Strontium	86-1	990.91	995.22	1075.37	1020.50	4.66	ppb
Strontium	88-1	990.27	981.88	1062.81	1011.65	4.40	ppb
Sulfur	34-1	-2226.43	-2267.20	-1798.29	-2097.31		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	503.52	508.61	539.32	517.15	3.74	ppb
Thallium	205-1	502.07	501.90	535.65	513.21	3.79	ppb
Tin	118-1	442.26	450.30	481.92	458.16	4.58	ppb
Titanium	47-1	2439.18	2423.90	2502.32	2455.13	1.69	ppb
Uranium	238-1	513.15	513.67	555.40	527.41	4.60	ppb
Vanadium	51-2	520.27	522.70	513.33	518.77	0.94	ppb
Yttrium	89-1				92		%
Yttrium	89-2				81		%
Zinc	66-2	1003.21	996.44	981.18	993.61	1.14	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:26:48	DataFile Name :	045SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.94	501.52	537.20	513.88	3.93	ppb
Zirconium	91-1	488.15	484.31	518.61	497.02	3.78	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:29:58 DataFile Name : 046SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8541.51	8731.19	8874.60	8715.77	1.92	ppb
Antimony	121-1	494.66	493.93	490.22	492.94	0.48	ppb
Arsenic	75-2	555.55	548.10	538.90	547.52	1.52	ppb
Barium	135-1	2868.66	2813.31	2832.40	2838.12	0.99	ppb
Barium	137-1	2793.03	2811.35	2838.10	2814.16	0.81	ppb
Beryllium	9-1	419.50	416.81	414.76	417.02	0.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				94		%
Boron	10-1	574.33	576.60	600.61	583.85	2.49	ppb
Boron	11-1	553.40	561.76	576.85	564.00	2.11	ppb
Cadmium	111-1	476.30	470.12	475.34	473.92	0.70	ppb
Cadmium	106-1	471.49	465.53	461.93	466.32	1.04	ppb
Cadmium	108-1	470.29	475.27	466.78	470.78	0.91	ppb
Calcium	43-1	161224.93	159414.27	162222.12	160953.77	0.88	ppb
Calcium	44-1	158086.29	157817.44	158412.98	158105.57	0.19	ppb
Chromium	52-2	529.25	528.99	538.90	532.38	1.06	ppb
Cobalt	59-2	550.26	547.91	556.65	551.61	0.82	ppb
Copper	63-2	1077.97	1062.94	1088.25	1076.39	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				80		%
Iron	56-2	36702.16	36312.58	36962.38	36659.04	0.89	ppb
Iron	57-2	35945.34	35721.43	36488.20	36051.66	1.09	ppb
Krypton	83-1						cps
Lead	206-1	518.53	518.51	522.54	519.86	0.45	ppb
Lead	207-1	494.57	499.82	502.88	499.09	0.84	ppb
Lead	208-1	506.06	511.41	515.86	511.11	0.96	ppb
Lithium	6-1				105		%
Magnesium	24-2	62574.52	61275.88	63434.64	62428.35	1.74	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:29:58 DataFile Name : 046SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1116.75	1098.12	1118.77	1111.21	1.02	ppb
Molybdenum	94-1	2519.88	2469.78	2462.48	2484.05	1.26	ppb
Molybdenum	95-1	2450.41	2438.42	2422.83	2437.22	0.57	ppb
Molybdenum	96-1	2482.21	2488.70	2458.69	2476.54	0.64	ppb
Molybdenum	97-1	2475.99	2521.29	2504.14	2500.47	0.91	ppb
Molybdenum	98-1	2482.26	2457.91	2462.10	2467.42	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	605.51	601.38	617.02	607.97	1.33	ppb
Phosphorus	31-2	32.48	142.81	108.49	94.59	59.69	ppb
Potassium	39-2	23419.33	23091.99	23501.92	23337.75	0.93	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				73		%
Selenium	77-2	568.71	417.73	439.43	475.29	17.17	ppb
Selenium	78-2	542.41	462.39	484.40	496.40	8.33	ppb
Selenium	82-1	518.17	520.12	515.50	517.93	0.45	ppb
Silicon	28-1	11837.54	11791.91	11804.74	11811.40	0.20	ppb
Silver	109-1	387.52	385.46	388.02	387.00	0.35	ppb
Silver	107-1	384.84	377.44	376.02	379.43	1.25	ppb
Sodium	23-2	99283.25	96934.10	99737.91	98651.75	1.53	ppb
Strontium	86-1	1018.44	1008.92	1011.72	1013.03	0.48	ppb
Strontium	88-1	1014.87	1008.45	1015.55	1012.95	0.39	ppb
Sulfur	34-1	-2535.08	-2570.93	-2521.51	-2542.51		ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	517.63	523.86	519.71	520.40	0.61	ppb
Thallium	205-1	513.34	520.57	520.71	518.21	0.81	ppb
Tin	118-1	459.11	452.94	450.94	454.33	0.94	ppb
Titanium	47-1	2402.04	2405.08	2428.62	2411.91	0.60	ppb
Uranium	238-1	519.52	529.79	531.09	526.80	1.20	ppb
Vanadium	51-2	530.02	521.61	532.20	527.94	1.06	ppb
Yttrium	89-1				94		%
Yttrium	89-2				80		%
Zinc	66-2	999.73	990.73	1014.35	1001.60	1.19	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:29:58	DataFile Name :	046SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.61	507.53	513.49	510.21	0.59	ppb
Zirconium	91-1	500.04	496.01	496.99	497.68	0.42	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01A Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709A Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:33:10 DataFile Name : 047SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8855.04	8786.00	8727.33	8789.46	0.73	ppb
Antimony	121-1	488.11	488.26	487.53	487.97	0.08	ppb
Arsenic	75-2	539.34	539.47	550.45	543.09	1.17	ppb
Barium	135-1	2817.44	2784.87	2792.56	2798.29	0.61	ppb
Barium	137-1	2791.29	2783.29	2781.86	2785.48	0.18	ppb
Beryllium	9-1	418.71	417.57	411.97	416.08	0.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				93		%
Boron	10-1	579.90	604.31	591.20	591.80	2.06	ppb
Boron	11-1	559.80	569.81	572.14	567.25	1.16	ppb
Cadmium	111-1	467.30	469.25	463.79	466.78	0.59	ppb
Cadmium	106-1	456.12	460.89	456.06	457.69	0.61	ppb
Cadmium	108-1	467.98	460.45	465.68	464.70	0.83	ppb
Calcium	43-1	156885.73	158566.67	159178.21	158210.21	0.75	ppb
Calcium	44-1	156101.59	158194.56	157315.87	157204.01	0.67	ppb
Chromium	52-2	532.51	530.01	522.18	528.23	1.02	ppb
Cobalt	59-2	549.87	550.33	544.86	548.35	0.55	ppb
Copper	63-2	1078.56	1075.50	1067.85	1073.97	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				80		%
Iron	56-2	36621.00	36393.89	36038.01	36350.97	0.81	ppb
Iron	57-2	36097.77	35935.05	35498.25	35843.69	0.86	ppb
Krypton	83-1						cps
Lead	206-1	515.28	517.58	515.28	516.05	0.26	ppb
Lead	207-1	493.75	498.34	499.52	497.20	0.61	ppb
Lead	208-1	503.04	506.95	509.21	506.40	0.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	61423.47	61822.70	60090.53	61112.23	1.48	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:33:10	DataFile Name :	047SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1120.23	1111.35	1094.12	1108.57	1.20	ppb
Molybdenum	94-1	2475.14	2453.28	2449.42	2459.28	0.56	ppb
Molybdenum	95-1	2426.10	2417.86	2465.86	2436.61	1.05	ppb
Molybdenum	96-1	2450.78	2442.41	2448.35	2447.18	0.18	ppb
Molybdenum	97-1	2458.89	2450.88	2496.35	2468.70	0.98	ppb
Molybdenum	98-1	2454.56	2450.53	2470.00	2458.36	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	610.59	606.36	600.99	605.98	0.79	ppb
Phosphorus	31-2	70.19	32.87	32.39	45.15	48.03	ppb
Potassium	39-2	23470.66	23176.37	23088.20	23245.08	0.86	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				73		%
Selenium	77-2	341.47	393.83	482.61	405.97	17.57	ppb
Selenium	78-2	526.06	478.26	494.12	499.48	4.88	ppb
Selenium	82-1	511.70	508.58	517.29	512.52	0.86	ppb
Silicon	28-1	11697.40	11758.77	11632.00	11696.06	0.54	ppb
Silver	109-1	376.99	383.88	376.38	379.08	1.10	ppb
Silver	107-1	378.35	381.98	376.46	378.93	0.74	ppb
Sodium	23-2	99139.20	98846.73	97490.80	98492.24	0.89	ppb
Strontium	86-1	1004.09	995.07	1015.93	1005.03	1.04	ppb
Strontium	88-1	993.14	997.70	1005.26	998.70	0.61	ppb
Sulfur	34-1	-2654.82	-2655.93	-2677.31	-2662.69		ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	515.93	515.65	515.96	515.85	0.03	ppb
Thallium	205-1	510.39	512.86	518.59	513.94	0.82	ppb
Tin	118-1	452.89	462.30	455.71	456.96	1.06	ppb
Titanium	47-1	2431.97	2423.77	2387.60	2414.44	0.98	ppb
Uranium	238-1	519.92	527.94	527.97	525.28	0.88	ppb
Vanadium	51-2	532.68	521.51	517.19	523.79	1.53	ppb
Yttrium	89-1				93		%
Yttrium	89-2				80		%
Zinc	66-2	1003.68	1005.57	993.57	1000.94	0.64	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:33:10	DataFile Name :	047SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.93	503.67	509.20	506.27	0.55	ppb
Zirconium	91-1	493.27	491.79	497.87	494.31	0.64	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:36:22	DataFile Name :	048SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.35	3.31	1.18	5.62	105.62	ppb
Antimony	121-1	0.78	0.80	0.83	0.80	3.08	ppb
Arsenic	75-2	21.84	23.88	23.52	23.08	4.72	ppb
Barium	135-1	1094.30	1113.55	1123.18	1110.34	1.32	ppb
Barium	137-1	1105.06	1127.34	1112.61	1115.00	1.02	ppb
Beryllium	9-1	0.25	0.29	0.17	0.24	25.38	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	175.96	177.03	185.89	179.63	3.03	ppb
Boron	11-1	173.12	177.21	173.78	174.70	1.26	ppb
Cadmium	111-1	-0.12	-0.13	-0.19	-0.15		ppb
Cadmium	106-1	-2.68	-3.01	-3.78	-3.15		ppb
Cadmium	108-1	0.21	0.11	0.14	0.16	34.98	ppb
Calcium	43-1	109501.08	110987.74	109939.34	110142.72	0.69	ppb
Calcium	44-1	106227.43	108965.99	108272.69	107822.04	1.32	ppb
Chromium	52-2	0.55	0.38	0.24	0.39	39.19	ppb
Cobalt	59-2	7.99	8.11	7.67	7.93	2.86	ppb
Copper	63-2	2.76	2.84	2.75	2.78	1.88	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				110		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				82		%
Iron	56-2	9026.75	8933.91	8944.32	8968.33	0.57	ppb
Iron	57-2	8745.10	8716.69	8569.76	8677.18	1.08	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.21	0.23	8.14	ppb
Lead	207-1	0.20	0.21	0.19	0.20	5.89	ppb
Lead	208-1	0.22	0.22	0.21	0.22	2.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	10627.96	10610.05	10761.19	10666.40	0.77	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:36:22	DataFile Name :	048SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	674.51	668.61	664.93	669.35	0.72	ppb
Molybdenum	94-1	2.03	2.04	1.72	1.93	9.30	ppb
Molybdenum	95-1	1.87	1.91	1.74	1.84	4.82	ppb
Molybdenum	96-1	1.94	1.75	1.66	1.78	7.95	ppb
Molybdenum	97-1	1.83	1.96	1.52	1.77	12.83	ppb
Molybdenum	98-1	2.00	1.75	1.72	1.83	8.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.64	85.01	84.89	85.85	1.81	ppb
Phosphorus	31-2	-4.56	106.49	-4.56	32.45	197.57	ppb
Potassium	39-2	1413.69	1390.30	1349.84	1384.61	2.33	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				73		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.49	-1.97	0.97	-0.50		ppb
Selenium	82-1	0.66	1.01	0.45	0.71	40.01	ppb
Silicon	28-1	9787.23	9992.34	9970.29	9916.62	1.14	ppb
Silver	109-1	0.09	0.10	0.10	0.10	4.96	ppb
Silver	107-1	0.11	0.11	0.11	0.11	1.82	ppb
Sodium	23-2	75374.40	74595.25	75170.50	75046.72	0.54	ppb
Strontium	86-1	556.85	571.64	571.34	566.61	1.49	ppb
Strontium	88-1	564.39	574.16	573.78	570.77	0.97	ppb
Sulfur	34-1	3449.74	3810.58	3688.16	3649.49	5.03	ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.23	0.20	0.21	8.57	ppb
Thallium	205-1	0.22	0.20	0.19	0.20	7.40	ppb
Tin	118-1	5.93	6.04	5.98	5.98	0.94	ppb
Titanium	47-1	1.14	1.25	1.07	1.16	7.73	ppb
Uranium	238-1	0.96	0.93	0.96	0.95	1.86	ppb
Vanadium	51-2	6.40	6.80	6.75	6.65	3.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				80		%
Zinc	66-2	12.19	11.53	10.88	11.53	5.70	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:36:22	DataFile Name :	048SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.50	0.41	0.41	0.44	11.98	ppb
Zirconium	91-1	0.54	0.51	0.44	0.50	9.78	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	776.26	739.01	762.40	759.22	2.48	ppb
Antimony	121-1	0.82	0.78	0.86	0.82	5.07	ppb
Arsenic	75-2	1.57	1.50	1.67	1.58	5.36	ppb
Barium	135-1	132.04	133.34	135.53	133.64	1.32	ppb
Barium	137-1	132.71	133.65	136.88	134.41	1.63	ppb
Beryllium	9-1	0.18	0.16	0.21	0.18	13.62	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	267.94	285.98	287.96	280.63	3.93	ppb
Boron	11-1	271.77	278.29	285.37	278.48	2.44	ppb
Cadmium	111-1	-0.10	-0.17	-0.12	-0.13		ppb
Cadmium	106-1	-2.32	-2.71	-2.44	-2.49		ppb
Cadmium	108-1	0.00	0.25	0.21	0.15	89.39	ppb
Calcium	43-1	139394.87	138873.13	142059.96	140109.32	1.22	ppb
Calcium	44-1	136523.01	137933.69	140352.76	138269.82	1.40	ppb
Chromium	52-2	8.13	7.75	7.84	7.91	2.47	ppb
Cobalt	59-2	3.04	2.71	3.15	2.97	7.71	ppb
Copper	63-2	5.27	5.20	5.57	5.35	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				83		%
Iron	56-2	907.18	891.38	928.42	908.99	2.04	ppb
Iron	57-2	888.97	913.11	868.50	890.19	2.51	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.91	0.94	0.92	1.65	ppb
Lead	207-1	0.79	0.76	0.77	0.77	1.54	ppb
Lead	208-1	0.86	0.86	0.88	0.86	1.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	9407.16	9297.16	9566.94	9423.75	1.44	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	164.25	164.27	167.49	165.34	1.13	ppb
Molybdenum	94-1	2.47	2.32	2.66	2.48	6.95	ppb
Molybdenum	95-1	0.86	0.76	0.79	0.80	6.71	ppb
Molybdenum	96-1	0.95	1.02	0.98	0.98	3.42	ppb
Molybdenum	97-1	0.89	0.83	0.76	0.83	7.94	ppb
Molybdenum	98-1	0.80	0.83	0.79	0.81	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.28	39.59	41.35	40.41	2.19	ppb
Phosphorus	31-2	68.17	67.27	69.53	68.32	1.67	ppb
Potassium	39-2	1815.29	1763.49	1814.03	1797.60	1.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				75		%
Selenium	77-2	5.67	-2.20	-2.20	0.43	1068.37	ppb
Selenium	78-2	0.87	-1.97	1.04	-0.02		ppb
Selenium	82-1	1.16	1.20	1.04	1.13	7.01	ppb
Silicon	28-1	13006.21	13027.85	13269.71	13101.26	1.12	ppb
Silver	109-1	0.08	0.09	0.07	0.08	14.79	ppb
Silver	107-1	0.09	0.08	0.08	0.09	9.81	ppb
Sodium	23-2	51910.46	51024.30	52282.92	51739.23	1.25	ppb
Strontium	86-1	337.39	339.18	336.12	337.56	0.46	ppb
Strontium	88-1	341.74	346.56	345.20	344.50	0.72	ppb
Sulfur	34-1	13903.84	13745.20	14222.30	13957.11	1.74	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.09	0.10	0.10	6.46	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	3.45	ppb
Tin	118-1	4.19	4.32	4.39	4.30	2.33	ppb
Titanium	47-1	21.84	18.65	17.30	19.26	12.09	ppb
Uranium	238-1	1.16	1.19	1.19	1.18	1.66	ppb
Vanadium	51-2	11.07	10.57	10.86	10.83	2.34	ppb
Yttrium	89-1				98		%
Yttrium	89-2				82		%
Zinc	66-2	7.23	7.56	8.03	7.61	5.30	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.38	1.08	1.17	1.21	12.57	ppb
Zirconium	91-1	1.16	1.53	1.22	1.30	15.29	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48043.01	48121.57	48406.82	48190.47	0.40	ppb
Antimony	121-1	433.70	442.10	438.95	438.25	0.97	ppb
Arsenic	75-2	490.51	486.62	503.28	493.47	1.77	ppb
Barium	135-1	2479.33	2516.73	2507.10	2501.05	0.78	ppb
Barium	137-1	2490.88	2471.07	2463.64	2475.20	0.57	ppb
Beryllium	9-1	501.38	510.17	504.97	505.51	0.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	517.98	538.58	525.76	527.44	1.97	ppb
Boron	11-1	504.97	518.45	525.43	516.28	2.01	ppb
Cadmium	111-1	466.04	473.06	472.59	470.56	0.83	ppb
Cadmium	106-1	465.92	473.06	481.99	473.65	1.70	ppb
Cadmium	108-1	469.57	470.54	461.84	467.32	1.02	ppb
Calcium	43-1	240338.71	241314.55	241975.60	241209.62	0.34	ppb
Calcium	44-1	239350.97	241434.79	242880.20	241221.99	0.74	ppb
Chromium	52-2	525.43	537.00	529.93	530.79	1.10	ppb
Cobalt	59-2	512.03	522.02	516.68	516.91	0.97	ppb
Copper	63-2	1003.05	1020.77	1010.78	1011.53	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				112		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	127447.91	130137.04	127309.57	128298.17	1.24	ppb
Iron	57-2	125246.74	127720.76	125545.59	126171.03	1.07	ppb
Krypton	83-1						cps
Lead	206-1	513.19	514.43	513.17	513.60	0.14	ppb
Lead	207-1	513.92	512.96	513.05	513.31	0.10	ppb
Lead	208-1	512.97	511.87	514.15	513.00	0.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	248510.22	250762.00	247596.49	248956.23	0.65	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.44	1010.35	1014.35	1008.38	0.71	ppb
Molybdenum	94-1	2540.44	2539.82	2496.76	2525.67	0.99	ppb
Molybdenum	95-1	2548.85	2561.46	2508.09	2539.47	1.10	ppb
Molybdenum	96-1	2534.05	2548.49	2511.41	2531.32	0.74	ppb
Molybdenum	97-1	2572.55	2579.82	2548.19	2566.85	0.65	ppb
Molybdenum	98-1	2537.80	2572.99	2532.98	2547.92	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.56	527.37	524.13	523.36	0.85	ppb
Phosphorus	31-2	11144.24	9810.84	9970.88	10308.66	7.06	ppb
Potassium	39-2	120654.69	121254.67	120111.66	120673.67	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	478.39	421.61	382.02	427.34	11.34	ppb
Selenium	78-2	491.95	496.59	520.21	502.91	3.01	ppb
Selenium	82-1	491.41	497.28	485.98	491.56	1.15	ppb
Silicon	28-1	509.00	508.80	521.36	513.05	1.40	ppb
Silver	109-1	474.98	484.56	485.36	481.63	1.20	ppb
Silver	107-1	475.51	481.42	481.14	479.36	0.70	ppb
Sodium	23-2	246538.67	252026.46	248415.51	248993.55	1.12	ppb
Strontium	86-1	493.09	500.29	491.67	495.02	0.93	ppb
Strontium	88-1	499.43	507.47	497.39	501.43	1.06	ppb
Sulfur	34-1	8021.08	8199.65	8248.75	8156.49	1.47	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	510.64	517.96	514.51	514.37	0.71	ppb
Thallium	205-1	508.68	512.59	506.34	509.20	0.62	ppb
Tin	118-1	493.27	492.18	496.32	493.92	0.44	ppb
Titanium	47-1	2526.07	2549.06	2568.42	2547.85	0.83	ppb
Uranium	238-1	520.50	525.62	521.11	522.41	0.54	ppb
Vanadium	51-2	511.36	513.11	512.50	512.32	0.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	988.13	1012.34	1002.91	1001.13	1.22	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.55	511.12	505.97	507.21	0.68	ppb
Zirconium	91-1	496.80	496.63	494.66	496.03	0.24	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.42	2.09	0.96	101.39	ppb
Antimony	121-1	1.23	1.07	0.94	1.08	13.08	ppb
Arsenic	75-2	0.12	0.04	0.12	0.09	50.11	ppb
Barium	135-1	0.18	0.17	0.09	0.15	34.19	ppb
Barium	137-1	0.21	0.16	0.12	0.17	26.28	ppb
Beryllium	9-1	0.37	0.23	0.24	0.28	27.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	30.94	27.33	25.46	27.91	9.97	ppb
Boron	11-1	28.84	28.55	25.66	27.69	6.35	ppb
Cadmium	111-1	-0.03	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-1.54	-1.73	-1.45	-1.57		ppb
Cadmium	108-1	0.28	0.10	0.18	0.19	48.28	ppb
Calcium	43-1	15.64	10.70	10.03	12.12	25.26	ppb
Calcium	44-1	21.26	19.58	14.05	18.30	20.61	ppb
Chromium	52-2	0.06	-0.05	-0.04	-0.01		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.34	0.27	0.33	0.31	11.42	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				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	6.77	5.51	4.38	5.55	21.56	ppb
Iron	57-2	7.03	2.67	6.31	5.33	43.80	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.02	0.03	40.01	ppb
Lead	207-1	0.03	0.03	0.02	0.03	33.19	ppb
Lead	208-1	0.05	0.03	0.02	0.04	36.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	11.51	8.82	7.30	9.21	23.11	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	-0.03	0.00	-0.04		ppb
Molybdenum	94-1	1.31	1.16	1.14	1.20	7.78	ppb
Molybdenum	95-1	1.41	1.30	1.07	1.26	14.00	ppb
Molybdenum	96-1	1.38	1.18	1.11	1.23	11.57	ppb
Molybdenum	97-1	1.22	1.10	1.14	1.15	5.18	ppb
Molybdenum	98-1	1.34	1.11	1.04	1.16	13.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.12	-0.09	-0.09		ppb
Phosphorus	31-2	-4.56	-4.56	25.53	5.47	317.84	ppb
Potassium	39-2	-16.34	-1.51	12.30	-1.85		ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	82-1	0.45	-0.15	0.07	0.12	242.66	ppb
Silicon	28-1	-12.17	-12.06	-11.49	-11.91		ppb
Silver	109-1	0.10	0.09	0.08	0.09	9.99	ppb
Silver	107-1	0.08	0.10	0.08	0.09	14.04	ppb
Sodium	23-2	74.73	65.86	62.00	67.53	9.67	ppb
Strontium	86-1	0.03	-0.03	-0.05	-0.02		ppb
Strontium	88-1	0.03	0.04	0.02	0.03	17.52	ppb
Sulfur	34-1	-2330.42	-2228.96	-2162.78	-2240.72		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.08	0.10	0.09	7.33	ppb
Thallium	205-1	0.11	0.12	0.07	0.10	26.99	ppb
Tin	118-1	0.47	0.44	0.38	0.43	10.73	ppb
Titanium	47-1	0.38	0.07	0.19	0.21	75.57	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	22.24	ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	128.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	0.21	0.16	0.17	25.61	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.21	0.17	0.21	13.91	ppb
Zirconium	91-1	0.20	0.19	0.17	0.19	7.84	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.03	8.39	1.32	6.58	70.40	ppb
Antimony	121-1	2.42	1.81	1.53	1.92	23.59	ppb
Arsenic	75-2	450.87	470.30	441.50	454.23	3.23	ppb
Barium	135-1	179.53	181.44	182.72	181.23	0.89	ppb
Barium	137-1	178.59	179.16	181.48	179.74	0.85	ppb
Beryllium	9-1	0.10	0.19	0.08	0.12	46.47	ppb
Bismuth	209-1				110		%
Bismuth	209-2				93		%
Boron	10-1	244.90	241.07	245.12	243.70	0.93	ppb
Boron	11-1	233.62	239.28	243.97	238.96	2.17	ppb
Cadmium	111-1	-0.16	-0.10	-0.13	-0.13		ppb
Cadmium	106-1	-3.75	-2.71	-3.01	-3.16		ppb
Cadmium	108-1	0.25	0.18	0.11	0.18	40.15	ppb
Calcium	43-1	147432.92	149491.02	148806.75	148576.90	0.71	ppb
Calcium	44-1	145420.68	148122.73	147372.86	146972.09	0.95	ppb
Chromium	52-2	0.79	0.78	0.61	0.73	13.47	ppb
Cobalt	59-2	2.87	3.02	2.86	2.92	3.11	ppb
Copper	63-2	3.97	4.24	4.09	4.10	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				109		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				79		%
Iron	56-2	33583.90	34870.51	34345.10	34266.50	1.89	ppb
Iron	57-2	32840.51	34545.98	33459.61	33615.37	2.57	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.47	0.48	0.46	3.62	ppb
Lead	207-1	0.40	0.39	0.42	0.40	3.15	ppb
Lead	208-1	0.43	0.44	0.43	0.43	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	16801.78	17355.92	17036.84	17064.85	1.63	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	438.13	468.68	454.14	453.65	3.37	ppb
Molybdenum	94-1	3.11	2.62	2.31	2.68	15.21	ppb
Molybdenum	95-1	1.67	1.81	1.72	1.73	4.04	ppb
Molybdenum	96-1	1.98	1.89	1.83	1.90	3.89	ppb
Molybdenum	97-1	1.60	1.72	1.72	1.68	3.95	ppb
Molybdenum	98-1	1.65	1.72	1.65	1.67	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	222.89	230.71	225.96	226.52	1.74	ppb
Phosphorus	31-2	258.10	311.13	226.87	265.37	16.05	ppb
Potassium	39-2	1819.43	1957.21	1886.17	1887.61	3.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				71		%
Selenium	77-2	6.09	-2.20	-2.20	0.56	847.11	ppb
Selenium	78-2	-0.47	-1.97	-1.97	-1.47		ppb
Selenium	82-1	0.76	1.16	1.19	1.04	23.25	ppb
Silicon	28-1	14596.59	14673.66	14566.10	14612.12	0.38	ppb
Silver	109-1	0.24	0.20	0.19	0.21	12.47	ppb
Silver	107-1	0.24	0.18	0.17	0.20	18.72	ppb
Sodium	23-2	106107.89	110123.59	107291.00	107840.83	1.91	ppb
Strontium	86-1	704.62	701.11	705.88	703.87	0.35	ppb
Strontium	88-1	709.03	710.71	722.76	714.17	1.05	ppb
Sulfur	34-1	51900.30	53126.73	52506.27	52511.10	1.17	ppb
Terbium	159-1				108		%
Terbium	159-2				94		%
Thallium	203-1	0.15	0.13	0.10	0.12	20.56	ppb
Thallium	205-1	0.15	0.12	0.09	0.12	24.72	ppb
Tin	118-1	4.08	4.18	4.02	4.09	1.98	ppb
Titanium	47-1	1.13	1.44	1.08	1.22	15.81	ppb
Uranium	238-1	0.43	0.47	0.44	0.45	4.43	ppb
Vanadium	51-2	3.00	3.40	3.18	3.20	6.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				78		%
Zinc	66-2	9.48	11.26	10.54	10.42	8.59	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.05	0.87	0.80	0.91	14.31	ppb
Zirconium	91-1	1.19	1.06	0.89	1.05	14.51	ppb

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-08 Instrumnet Name : P8
 Client Sample ID : KY036MW016-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:52:46 DataFile Name : 053SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.98	8.42	-0.89	6.50	102.23	ppb
Antimony	121-1	0.98	0.96	1.03	0.99	3.60	ppb
Arsenic	75-2	27.81	30.09	27.66	28.52	4.78	ppb
Barium	135-1	93.07	92.82	91.94	92.61	0.64	ppb
Barium	137-1	92.42	94.02	91.63	92.69	1.32	ppb
Beryllium	9-1	0.02	0.06	0.17	0.08	93.44	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	138.45	147.49	145.24	143.73	3.28	ppb
Boron	11-1	137.40	144.37	141.65	141.14	2.49	ppb
Cadmium	111-1	-0.30	-0.31	-0.33	-0.31		ppb
Cadmium	106-1	-4.35	-4.80	-4.87	-4.67		ppb
Cadmium	108-1	0.29	0.29	0.11	0.23	46.75	ppb
Calcium	43-1	53507.55	52420.59	53937.04	53288.40	1.47	ppb
Calcium	44-1	53863.94	52345.75	54219.07	53476.25	1.86	ppb
Chromium	52-2	0.52	0.48	0.35	0.45	19.34	ppb
Cobalt	59-2	0.10	0.10	0.13	0.11	13.14	ppb
Copper	63-2	1.95	2.15	2.21	2.10	6.27	ppb
Dysprosium	156-1						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				92		%
Indium	115-1				99		%
Indium	115-2				79		%
Iron	56-2	416.74	446.54	449.38	437.55	4.13	ppb
Iron	57-2	433.86	436.69	463.93	444.83	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.08	0.08	2.05	ppb
Lead	207-1	0.10	0.07	0.10	0.09	20.77	ppb
Lead	208-1	0.08	0.07	0.08	0.08	8.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	5865.63	6122.60	6141.23	6043.15	2.55	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-08	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:52:46	DataFile Name :	053SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1075.74	1146.80	1159.49	1127.34	4.00	ppb
Molybdenum	94-1	11.30	10.29	10.82	10.80	4.68	ppb
Molybdenum	95-1	15.22	14.61	14.88	14.90	2.04	ppb
Molybdenum	96-1	14.72	14.27	15.08	14.69	2.77	ppb
Molybdenum	97-1	15.21	14.64	15.12	14.99	2.04	ppb
Molybdenum	98-1	15.36	14.92	15.47	15.25	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.89	2.01	1.84	11.28	ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	1201.74	1219.73	1211.97	1211.15	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				70		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	5.90	-1.97	0.65	696.43	ppb
Selenium	82-1	0.24	0.20	0.81	0.41	82.07	ppb
Silicon	28-1	7351.65	7161.35	7369.53	7294.18	1.58	ppb
Silver	109-1	0.11	0.09	0.08	0.10	16.21	ppb
Silver	107-1	0.09	0.10	0.08	0.09	7.43	ppb
Sodium	23-2	21556.57	23099.06	23047.90	22567.84	3.88	ppb
Strontium	86-1	188.32	183.89	187.64	186.62	1.28	ppb
Strontium	88-1	195.21	190.34	192.67	192.74	1.26	ppb
Sulfur	34-1	-903.78	-1427.27	-1089.86	-1140.30		ppb
Terbium	159-1				108		%
Terbium	159-2				92		%
Thallium	203-1	0.04	0.03	0.04	0.04	8.91	ppb
Thallium	205-1	0.03	0.02	0.05	0.03	34.54	ppb
Tin	118-1	2.91	2.81	2.97	2.90	2.86	ppb
Titanium	47-1	0.54	0.46	0.56	0.52	10.14	ppb
Uranium	238-1	0.17	0.18	0.18	0.18	2.45	ppb
Vanadium	51-2	0.19	0.22	0.23	0.21	8.58	ppb
Yttrium	89-1				94		%
Yttrium	89-2				77		%
Zinc	66-2	7.39	8.85	9.59	8.61	12.98	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-08	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:52:46	DataFile Name :	053SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.34	0.33	0.36	13.39	ppb
Zirconium	91-1	0.38	0.42	0.40	0.40	5.12	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.66	-0.72	3.73	2.89	113.30	ppb
Antimony	121-1	1.06	0.97	1.07	1.03	5.40	ppb
Arsenic	75-2	79.94	87.01	80.08	82.35	4.91	ppb
Barium	135-1	383.36	379.21	381.35	381.31	0.54	ppb
Barium	137-1	380.96	379.26	383.65	381.29	0.58	ppb
Beryllium	9-1	0.13	0.16	0.07	0.12	36.90	ppb
Bismuth	209-1				111		%
Bismuth	209-2				92		%
Boron	10-1	145.23	148.88	142.89	145.67	2.07	ppb
Boron	11-1	143.00	146.33	147.54	145.62	1.61	ppb
Cadmium	111-1	-0.21	-0.19	-0.23	-0.21		ppb
Cadmium	106-1	-3.13	-2.68	-3.49	-3.10		ppb
Cadmium	108-1	0.03	0.25	0.03	0.11	117.96	ppb
Calcium	43-1	75873.00	76181.14	75306.36	75786.83	0.59	ppb
Calcium	44-1	76061.46	76141.15	75857.30	76019.97	0.19	ppb
Chromium	52-2	0.90	0.95	1.00	0.95	5.38	ppb
Cobalt	59-2	2.05	2.37	1.92	2.11	11.04	ppb
Copper	63-2	1.90	2.29	2.17	2.12	9.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				77		%
Iron	56-2	9082.94	10225.72	9484.03	9597.56	6.04	ppb
Iron	57-2	8546.65	9810.19	8865.27	9074.04	7.24	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.11	0.12	10.90	ppb
Lead	207-1	0.12	0.08	0.08	0.09	25.25	ppb
Lead	208-1	0.11	0.11	0.10	0.11	6.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	11648.53	13220.25	12169.94	12346.24	6.48	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1822.85	2068.26	1907.66	1932.92	6.45	ppb
Molybdenum	94-1	2.34	2.15	2.17	2.22	4.72	ppb
Molybdenum	95-1	2.83	2.51	2.66	2.67	5.84	ppb
Molybdenum	96-1	2.62	2.65	2.63	2.63	0.72	ppb
Molybdenum	97-1	2.72	2.70	2.48	2.63	5.03	ppb
Molybdenum	98-1	2.75	2.67	2.56	2.66	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.62	2.71	2.49	2.61	4.24	ppb
Phosphorus	31-2	70.91	37.97	153.12	87.33	67.90	ppb
Potassium	39-2	1675.82	1935.01	1812.34	1807.72	7.17	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				68		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.29	-1.97	-1.41		ppb
Selenium	82-1	0.66	0.01	1.15	0.61	94.68	ppb
Silicon	28-1	9743.31	9810.01	9750.76	9768.03	0.37	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.77	ppb
Silver	107-1	0.07	0.06	0.09	0.07	24.87	ppb
Sodium	23-2	45068.23	51586.83	47225.00	47960.02	6.92	ppb
Strontium	86-1	526.90	528.35	520.68	525.31	0.77	ppb
Strontium	88-1	537.53	529.54	528.57	531.88	0.92	ppb
Sulfur	34-1	-2739.36	-2565.97	-2715.72	-2673.69		ppb
Terbium	159-1				108		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.02	0.03	0.02	25.86	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	21.39	ppb
Tin	118-1	2.78	2.77	2.75	2.77	0.62	ppb
Titanium	47-1	1.03	0.87	0.85	0.92	10.65	ppb
Uranium	238-1	0.05	0.04	0.06	0.05	15.93	ppb
Vanadium	51-2	0.42	0.45	0.34	0.40	13.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				76		%
Zinc	66-2	3.28	3.02	2.47	2.93	14.09	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.28	0.28	0.28	1.87	ppb
Zirconium	91-1	0.36	0.34	0.29	0.33	10.52	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.02	19.90	3.47	10.46	81.11	ppb
Antimony	121-1	0.82	0.94	0.99	0.92	9.15	ppb
Arsenic	75-2	109.41	112.19	107.15	109.58	2.31	ppb
Barium	135-1	127.60	125.76	124.93	126.10	1.08	ppb
Barium	137-1	125.81	126.42	124.81	125.68	0.65	ppb
Beryllium	9-1	0.13	0.03	0.08	0.08	65.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	145.87	155.12	156.52	152.50	3.79	ppb
Boron	11-1	149.99	153.85	153.21	152.35	1.36	ppb
Cadmium	111-1	-0.17	-0.20	-0.20	-0.19		ppb
Cadmium	106-1	-2.40	-3.20	-2.74	-2.78		ppb
Cadmium	108-1	0.15	0.00	0.11	0.08	92.05	ppb
Calcium	43-1	72484.36	72665.99	71406.83	72185.73	0.94	ppb
Calcium	44-1	72793.29	73623.06	72084.92	72833.76	1.06	ppb
Chromium	52-2	1.67	1.51	1.50	1.56	5.94	ppb
Cobalt	59-2	0.16	0.20	0.18	0.18	9.05	ppb
Copper	63-2	2.07	2.40	2.36	2.28	7.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				79		%
Iron	56-2	8247.14	8364.98	8061.96	8224.69	1.86	ppb
Iron	57-2	7817.04	8048.76	7796.66	7887.49	1.78	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.54	0.56	0.55	1.94	ppb
Lead	207-1	0.49	0.52	0.46	0.49	5.89	ppb
Lead	208-1	0.53	0.52	0.50	0.52	2.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	11708.93	11800.68	11427.32	11645.64	1.67	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	284.75	289.88	278.31	284.31	2.04	ppb
Molybdenum	94-1	3.08	2.83	3.07	2.99	4.77	ppb
Molybdenum	95-1	3.56	3.56	3.68	3.60	1.85	ppb
Molybdenum	96-1	3.72	3.59	3.54	3.62	2.62	ppb
Molybdenum	97-1	3.86	3.82	3.59	3.75	3.91	ppb
Molybdenum	98-1	3.66	3.62	3.67	3.65	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.48	0.66	0.61	19.84	ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	888.91	900.35	886.29	891.85	0.84	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				71		%
Selenium	77-2	6.11	-2.20	-2.20	0.57	838.29	ppb
Selenium	78-2	-0.47	-0.41	-0.43	-0.44		ppb
Selenium	82-1	-0.37	1.12	0.63	0.46	164.32	ppb
Silicon	28-1	8380.66	8390.72	8236.99	8336.12	1.03	ppb
Silver	109-1	0.10	0.08	0.07	0.08	15.97	ppb
Silver	107-1	0.07	0.08	0.09	0.08	13.46	ppb
Sodium	23-2	18209.10	18703.50	17938.42	18283.68	2.12	ppb
Strontium	86-1	519.05	517.78	511.46	516.09	0.79	ppb
Strontium	88-1	530.30	529.57	524.71	528.19	0.58	ppb
Sulfur	34-1	-2367.29	-2330.31	-2756.28	-2484.63		ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.02	0.02	0.02	67.43	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.85	ppb
Tin	118-1	2.53	2.56	2.62	2.57	1.81	ppb
Titanium	47-1	1.29	1.11	1.04	1.15	11.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.31	ppb
Vanadium	51-2	0.22	0.23	0.27	0.24	11.54	ppb
Yttrium	89-1				93		%
Yttrium	89-2				77		%
Zinc	66-2	6.86	5.72	5.72	6.10	10.76	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.26	0.21	0.24	11.62	ppb
Zirconium	91-1	0.24	0.23	0.23	0.23	0.74	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:02:42	DataFile Name :	056SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.93	6.11	-0.98	1.40	291.22	ppb
Antimony	121-1	1.02	0.94	1.06	1.00	5.70	ppb
Arsenic	75-2	90.03	82.14	85.15	85.77	4.64	ppb
Barium	135-1	380.91	388.70	390.37	386.66	1.31	ppb
Barium	137-1	380.53	390.23	392.46	387.74	1.64	ppb
Beryllium	9-1	0.10	0.09	0.01	0.07	73.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				94		%
Boron	10-1	145.11	150.07	156.70	150.63	3.86	ppb
Boron	11-1	145.20	151.94	150.78	149.31	2.41	ppb
Cadmium	111-1	-0.16	-0.30	-0.23	-0.23		ppb
Cadmium	106-1	-2.27	-4.52	-3.14	-3.31		ppb
Cadmium	108-1	0.07	-0.04	0.11	0.05	164.36	ppb
Calcium	43-1	78174.74	77035.89	78317.65	77842.76	0.90	ppb
Calcium	44-1	77716.45	76871.72	78441.43	77676.53	1.01	ppb
Chromium	52-2	0.82	0.73	0.91	0.82	10.95	ppb
Cobalt	59-2	2.06	2.02	2.02	2.03	1.07	ppb
Copper	63-2	2.03	2.08	2.04	2.05	1.19	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				108		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	9663.20	9825.86	9628.32	9705.79	1.09	ppb
Iron	57-2	9306.65	9513.49	9170.12	9330.09	1.85	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.14	0.13	5.48	ppb
Lead	207-1	0.10	0.10	0.10	0.10	0.56	ppb
Lead	208-1	0.12	0.11	0.12	0.11	5.11	ppb
Lithium	6-1				98		%
Magnesium	24-2	12017.00	12099.78	11792.27	11969.68	1.33	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:02:42	DataFile Name :	056SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1886.51	1911.43	1854.45	1884.13	1.52	ppb
Molybdenum	94-1	2.11	2.18	2.02	2.10	3.71	ppb
Molybdenum	95-1	2.39	2.56	2.67	2.54	5.61	ppb
Molybdenum	96-1	2.55	2.67	2.68	2.63	2.90	ppb
Molybdenum	97-1	2.64	2.40	2.57	2.54	4.90	ppb
Molybdenum	98-1	2.54	2.60	2.57	2.57	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.62	2.44	2.40	2.49	4.81	ppb
Phosphorus	31-2	151.61	153.99	71.92	125.84	37.12	ppb
Potassium	39-2	1778.84	1717.50	1762.00	1752.78	1.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				86		%
Scandium	45-2				70		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.44	-1.97	-1.97	-1.46		ppb
Selenium	82-1	0.26	0.71	-0.15	0.28	156.29	ppb
Silicon	28-1	9914.69	9804.39	9999.18	9906.09	0.99	ppb
Silver	109-1	0.07	0.07	0.05	0.06	17.77	ppb
Silver	107-1	0.06	0.05	0.05	0.06	7.78	ppb
Sodium	23-2	46985.84	47726.27	46512.14	47074.75	1.30	ppb
Strontium	86-1	530.36	536.77	541.83	536.32	1.07	ppb
Strontium	88-1	537.08	546.51	553.66	545.75	1.52	ppb
Sulfur	34-1	-2377.18	-2510.79	-2254.37	-2380.78		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.04	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	49.80	ppb
Tin	118-1	2.43	2.43	2.53	2.46	2.25	ppb
Titanium	47-1	0.87	0.94	1.01	0.94	7.86	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.44	ppb
Vanadium	51-2	0.39	0.44	0.54	0.46	16.89	ppb
Yttrium	89-1				93		%
Yttrium	89-2				77		%
Zinc	66-2	5.40	5.03	4.47	4.97	9.51	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:02:42	DataFile Name :	056SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.19	0.17	0.18	5.98	ppb
Zirconium	91-1	0.19	0.20	0.19	0.19	4.62	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.82	1.28	5.86	3.66	62.75	ppb
Antimony	121-1	1.01	1.03	0.98	1.01	2.48	ppb
Arsenic	75-2	10.32	12.35	11.44	11.37	8.93	ppb
Barium	135-1	313.75	303.85	307.26	308.29	1.63	ppb
Barium	137-1	314.88	303.36	308.95	309.06	1.87	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	27.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				93		%
Boron	10-1	206.28	202.45	200.32	203.02	1.49	ppb
Boron	11-1	199.08	196.51	203.37	199.65	1.74	ppb
Cadmium	111-1	-0.28	-0.28	-0.31	-0.29		ppb
Cadmium	106-1	-4.05	-4.05	-4.34	-4.15		ppb
Cadmium	108-1	0.19	0.00	0.07	0.09	112.27	ppb
Calcium	43-1	100236.74	97453.29	97692.64	98460.89	1.57	ppb
Calcium	44-1	98326.75	95243.90	95796.65	96455.77	1.70	ppb
Chromium	52-2	0.61	0.45	0.52	0.53	15.29	ppb
Cobalt	59-2	0.92	0.92	0.91	0.91	0.55	ppb
Copper	63-2	2.34	2.18	2.05	2.19	6.61	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				107		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				79		%
Iron	56-2	1828.29	1740.00	1756.33	1774.87	2.65	ppb
Iron	57-2	1802.03	1721.59	1730.92	1751.51	2.51	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.26	0.26	0.26	1.06	ppb
Lead	207-1	0.25	0.25	0.25	0.25	2.13	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	12703.58	12163.81	12284.71	12384.04	2.29	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	576.33	549.61	554.90	560.28	2.53	ppb
Molybdenum	94-1	1.22	1.21	1.15	1.19	3.48	ppb
Molybdenum	95-1	1.55	1.42	1.42	1.47	5.13	ppb
Molybdenum	96-1	1.44	1.35	1.46	1.42	4.26	ppb
Molybdenum	97-1	1.42	1.43	1.41	1.42	0.55	ppb
Molybdenum	98-1	1.51	1.39	1.49	1.46	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	3.12	2.86	3.05	5.37	ppb
Phosphorus	31-2	35.33	-4.56	-4.56	8.73	263.73	ppb
Potassium	39-2	2008.66	1922.40	1940.62	1957.22	2.32	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				70		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-0.43	-1.97	-1.46		ppb
Selenium	82-1	2.16	1.28	1.04	1.49	39.40	ppb
Silicon	28-1	9085.39	8744.03	8827.91	8885.78	2.00	ppb
Silver	109-1	0.09	0.06	0.05	0.07	30.98	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.97	ppb
Sodium	23-2	45007.07	42386.80	43106.94	43500.27	3.11	ppb
Strontium	86-1	605.22	582.79	588.63	592.21	1.96	ppb
Strontium	88-1	616.85	590.16	602.38	603.13	2.22	ppb
Sulfur	34-1	4755.53	3980.25	4103.69	4279.83	9.73	ppb
Terbium	159-1				105		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.01	0.03	0.02	32.14	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	17.74	ppb
Tin	118-1	2.30	2.25	2.36	2.30	2.36	ppb
Titanium	47-1	0.90	1.02	1.01	0.98	6.80	ppb
Uranium	238-1	1.30	1.27	1.32	1.30	2.04	ppb
Vanadium	51-2	3.16	2.80	3.23	3.06	7.54	ppb
Yttrium	89-1				92		%
Yttrium	89-2				77		%
Zinc	66-2	3.55	3.48	4.10	3.71	9.21	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.11	0.09	0.10	13.09	ppb
Zirconium	91-1	0.14	0.12	0.11	0.12	16.13	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47087.91	48545.81	47961.16	47864.96	1.53	ppb
Antimony	121-1	437.24	435.57	440.48	437.77	0.57	ppb
Arsenic	75-2	494.98	497.64	506.35	499.66	1.19	ppb
Barium	135-1	2521.03	2499.19	2524.80	2515.01	0.55	ppb
Barium	137-1	2527.62	2453.06	2516.62	2499.10	1.61	ppb
Beryllium	9-1	521.18	509.51	512.39	514.36	1.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	520.54	529.03	532.25	527.27	1.15	ppb
Boron	11-1	507.98	508.71	527.83	514.84	2.19	ppb
Cadmium	111-1	475.31	467.49	474.72	472.50	0.92	ppb
Cadmium	106-1	476.29	472.05	478.61	475.65	0.70	ppb
Cadmium	108-1	476.19	469.74	477.38	474.43	0.87	ppb
Calcium	43-1	241765.77	240862.23	240597.58	241075.19	0.25	ppb
Calcium	44-1	242240.87	240844.47	239414.50	240833.28	0.59	ppb
Chromium	52-2	524.39	532.91	530.59	529.30	0.83	ppb
Cobalt	59-2	512.51	522.29	520.00	518.27	0.99	ppb
Copper	63-2	1010.78	1023.84	1019.60	1018.07	0.65	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				111		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	126641.21	128556.27	128008.06	127735.18	0.77	ppb
Iron	57-2	124478.90	125978.69	126125.23	125527.61	0.73	ppb
Krypton	83-1						cps
Lead	206-1	525.84	520.34	521.39	522.53	0.56	ppb
Lead	207-1	526.26	516.94	518.85	520.68	0.95	ppb
Lead	208-1	524.74	515.12	517.72	519.19	0.96	ppb
Lithium	6-1				94		%
Magnesium	24-2	246357.39	250021.54	251364.75	249247.90	1.04	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.70	1005.80	1001.07	997.52	1.05	ppb
Molybdenum	94-1	2549.04	2541.48	2531.80	2540.78	0.34	ppb
Molybdenum	95-1	2543.86	2553.63	2551.06	2549.52	0.20	ppb
Molybdenum	96-1	2526.86	2559.22	2531.18	2539.09	0.69	ppb
Molybdenum	97-1	2568.62	2604.23	2570.39	2581.08	0.78	ppb
Molybdenum	98-1	2556.85	2556.43	2542.89	2552.06	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.88	531.31	527.14	527.11	0.80	ppb
Phosphorus	31-2	8476.73	10496.67	9635.69	9536.37	10.63	ppb
Potassium	39-2	119575.63	120362.92	119723.24	119887.26	0.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	433.31	442.63	449.79	441.91	1.87	ppb
Selenium	78-2	507.77	481.77	470.07	486.54	3.97	ppb
Selenium	82-1	489.00	490.09	488.06	489.05	0.21	ppb
Silicon	28-1	515.27	506.52	508.02	509.94	0.92	ppb
Silver	109-1	488.07	478.08	484.56	483.57	1.05	ppb
Silver	107-1	488.33	475.82	486.24	483.46	1.39	ppb
Sodium	23-2	247797.64	253311.14	250886.53	250665.10	1.10	ppb
Strontium	86-1	493.63	495.38	495.72	494.91	0.23	ppb
Strontium	88-1	503.34	507.17	502.01	504.17	0.53	ppb
Sulfur	34-1	8264.31	7988.16	7878.42	8043.63	2.47	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	521.70	518.96	520.23	520.30	0.26	ppb
Thallium	205-1	516.75	517.00	515.41	516.39	0.17	ppb
Tin	118-1	497.30	493.71	502.12	497.71	0.85	ppb
Titanium	47-1	2563.95	2524.87	2528.49	2539.10	0.85	ppb
Uranium	238-1	530.99	524.01	522.17	525.72	0.89	ppb
Vanadium	51-2	511.96	519.79	512.28	514.67	0.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	973.98	992.79	997.81	988.19	1.27	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.59	505.27	507.92	509.59	1.05	ppb
Zirconium	91-1	496.14	494.10	495.91	495.38	0.23	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.40	2.28	-3.23	0.48	667.24	ppb
Antimony	121-1	1.23	0.99	0.93	1.05	15.11	ppb
Arsenic	75-2	0.04	0.24	0.01	0.10	126.07	ppb
Barium	135-1	0.18	0.13	0.16	0.16	13.72	ppb
Barium	137-1	0.18	0.08	0.09	0.12	45.99	ppb
Beryllium	9-1	0.27	0.20	0.25	0.24	13.39	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	29.22	25.63	23.42	26.09	11.24	ppb
Boron	11-1	28.14	26.78	25.22	26.71	5.46	ppb
Cadmium	111-1	-0.08	-0.17	-0.08	-0.11		ppb
Cadmium	106-1	-2.26	-3.09	-1.70	-2.35		ppb
Cadmium	108-1	0.03	0.03	0.14	0.07	91.64	ppb
Calcium	43-1	20.80	3.24	3.09	9.04	112.62	ppb
Calcium	44-1	18.97	11.42	9.36	13.25	38.20	ppb
Chromium	52-2	-0.09	0.02	0.05	-0.01		ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	0.32	0.28	0.26	0.28	11.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	6.64	5.29	5.02	5.65	15.33	ppb
Iron	57-2	6.32	3.84	1.02	3.73	71.30	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.01	0.02	64.44	ppb
Lead	207-1	0.02	0.00	0.01	0.01	98.89	ppb
Lead	208-1	0.02	0.02	0.01	0.02	38.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	9.59	14.06	8.57	10.74	27.19	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.01	-0.09	-0.04		ppb
Molybdenum	94-1	1.13	1.11	0.86	1.03	14.87	ppb
Molybdenum	95-1	1.36	1.05	0.99	1.13	17.66	ppb
Molybdenum	96-1	1.20	1.19	0.84	1.08	18.91	ppb
Molybdenum	97-1	1.23	1.11	0.91	1.08	15.26	ppb
Molybdenum	98-1	1.25	1.08	0.92	1.08	14.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.11	-0.04	-0.07		ppb
Phosphorus	31-2	-4.56	-4.56	-4.56	-4.56		ppb
Potassium	39-2	8.01	10.64	5.07	7.90	35.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.97	-1.97	-0.68	-1.54		ppb
Selenium	82-1	-0.47	-0.65	0.31	-0.27		ppb
Silicon	28-1	-15.37	-16.88	-15.40	-15.88		ppb
Silver	109-1	0.08	0.07	0.07	0.07	8.15	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.60	ppb
Sodium	23-2	69.74	59.13	58.67	62.51	10.02	ppb
Strontium	86-1	0.03	0.00	0.01	0.02	105.98	ppb
Strontium	88-1	0.04	0.03	0.03	0.04	15.48	ppb
Sulfur	34-1	-2164.32	-2458.77	-2296.81	-2306.63		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.07	0.07	9.08	ppb
Thallium	205-1	0.10	0.07	0.07	0.08	22.90	ppb
Tin	118-1	0.44	0.37	0.36	0.39	10.75	ppb
Titanium	47-1	0.39	0.12	0.16	0.22	65.97	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	25.67	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	58.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	0.20	0.14	0.18	0.17	15.73	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.19	0.15	0.18	11.33	ppb
Zirconium	91-1	0.16	0.26	0.16	0.19	32.35	ppb

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	0	17	99.99	cps
Antimony	121-1	167	108	133	136	21.50	cps
Arsenic	75-2	7	2	0	3	124.95	cps
Barium	135-1	58	17	8	28	96.44	cps
Barium	137-1	67	50	50	56	17.32	cps
Beryllium	9-1	67	67	56	63	10.19	cps
Bismuth	209-1	7779329	7497161	7618037	7631509	1.86	cps
Bismuth	209-2	1939163	1880463	1876300	1898642	1.85	cps
Boron	10-1	167	108	83	119	35.80	cps
Boron	11-1	650	542	600	597	9.08	cps
Cadmium	111-1	1483	1261	1338	1361	8.28	cps
Cadmium	106-1	2109	1775	1900	1928	8.74	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	450	433	467	450	3.70	cps
Calcium	44-1	14608	15000	15317	14975	2.37	cps
Chromium	52-2	480	477	520	492	4.90	cps
Cobalt	59-2	60	87	63	70	20.76	cps
Copper	63-2	407	443	340	397	13.21	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	67	108	75	40.06	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	11705801	11605742	11617864	11643136	0.47	cps
Holmium	165-2	2326934	2284320	2286149	2299134	1.05	cps
Indium	115-1	9173436	9018729	9124245	9105470	0.87	cps
Indium	115-2	355112	346739	340740	347531	2.08	cps
Iron	56-2	1172	1195	1117	1161	3.45	cps
Iron	57-2	72	22	44	46	54.11	cps
Krypton	83-1	353	323	293	323	9.28	cps
Lead	206-1	250	289	261	267	7.51	cps
Lead	207-1	278	278	256	270	4.74	cps
Lead	208-1	1056	1178	1117	1117	5.47	cps
Lithium	6-1	1899903	1858467	1885186	1881185	1.12	cps
Magnesium	24-2	133	175	175	161	14.93	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	37	60	48	24.50	cps
Molybdenum	94-1	383	408	200	331	34.41	cps
Molybdenum	95-1	100	100	67	89	21.65	cps
Molybdenum	96-1	142	250	208	200	27.32	cps
Molybdenum	97-1	133	75	67	92	39.63	cps
Molybdenum	98-1	183	242	192	206	15.35	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	103	113	114	10.23	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1775	1992	2092	1953	8.29	cps
Rhodium	103-1	8635958	8540481	8646845	8607761	0.68	cps
Rhodium	103-2	2230699	2199452	2167642	2199264	1.43	cps
Scandium	45-1	5324780	5158205	5261562	5248182	1.60	cps
Scandium	45-2	40472	39044	39756	39757	1.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-56	-17	41	-11	-461.75	cps
Silicon	28-1	266066	261285	262812	263388	0.93	cps
Silver	109-1	33	67	58	53	32.88	cps
Silver	107-1	50	83	67	67	25.00	cps
Sodium	23-2	3301	3242	3159	3234	2.20	cps
Strontium	86-1	633	558	508	567	11.10	cps
Strontium	88-1	217	225	142	194	23.61	cps
Sulfur	34-1	349577	349478	348624	349226	0.15	cps
Terbium	159-1	12105919	11851545	11984939	11980801	1.06	cps
Terbium	159-2	2176234	2167912	2136361	2160169	0.97	cps
Thallium	203-1	125	283	142	183	47.46	cps
Thallium	205-1	425	575	517	506	14.96	cps
Tin	118-1	858	867	825	850	2.59	cps
Titanium	47-1	133	92	100	108	20.35	cps
Uranium	238-1	17	33	33	28	34.63	cps
Vanadium	51-2	3	7	17	9	78.08	cps
Yttrium	89-1	9422360	9389047	9354216	9388541	0.36	cps
Yttrium	89-2	263788	257899	258006	259898	1.30	cps
Zinc	66-2	77	43	53	58	29.61	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:41:54	DataFile Name :	003CALB_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	842	783	814	3.60	cps
Zirconium	91-1	117	150	200	156	26.96	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	167	100	131	25.80	cps
Antimony	121-1	14450	14784	14634	14622	1.14	cps
Arsenic	75-2	94	70	72	79	16.96	cps
Barium	135-1	16052	15635	15993	15893	1.42	cps
Barium	137-1	27329	28440	27237	27669	2.42	cps
Beryllium	9-1	1272	1133	1172	1193	6.01	cps
Bismuth	209-1	7752773	7703892	7410969	7622545	2.43	cps
Bismuth	209-2	1987620	1951859	1928468	1955982	1.52	cps
Boron	10-1	2975	3151	3225	3117	4.12	cps
Boron	11-1	14233	14933	15159	14775	3.27	cps
Cadmium	111-1	2959	2864	2736	2853	3.93	cps
Cadmium	106-1	2175	1967	1750	1964	10.82	cps
Cadmium	108-1	108	108	175	131	29.48	cps
Calcium	43-1	8820	9162	9270	9084	2.59	cps
Calcium	44-1	151812	152387	154585	152928	0.96	cps
Chromium	52-2	1837	2060	1900	1932	5.96	cps
Cobalt	59-2	1710	1827	1590	1709	6.93	cps
Copper	63-2	3090	3057	3180	3109	2.05	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	67	25	117	69	66.09	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	11958335	11840347	11259109	11685930	3.20	cps
Holmium	165-2	2369621	2359156	2350969	2359915	0.40	cps
Indium	115-1	9237395	9271663	8819958	9109672	2.76	cps
Indium	115-2	359847	353111	353219	355392	1.09	cps
Iron	56-2	25101	24889	25257	25082	0.74	cps
Iron	57-2	694	611	711	672	7.97	cps
Krypton	83-1	287	293	337	306	8.89	cps
Lead	206-1	5507	5707	5746	5653	2.27	cps
Lead	207-1	4846	5012	5262	5040	4.16	cps
Lead	208-1	22214	22258	22836	22436	1.55	cps
Lithium	6-1	1948820	1962367	1821820	1911002	4.06	cps
Magnesium	24-2	12690	13599	13107	13132	3.47	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	220	250	251	12.62	cps
Molybdenum	94-1	13908	13507	12998	13471	3.38	cps
Molybdenum	95-1	15927	15735	16044	15902	0.98	cps
Molybdenum	96-1	17796	17946	16819	17520	3.49	cps
Molybdenum	97-1	10371	9670	10329	10124	3.88	cps
Molybdenum	98-1	24932	26201	26527	25887	3.25	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	663	610	603	626	5.26	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	8786	8153	8937	8625	4.82	cps
Rhodium	103-1	8654695	8747031	8223481	8541736	3.27	cps
Rhodium	103-2	2307400	2276459	2269911	2284590	0.88	cps
Scandium	45-1	5440898	5406067	5211678	5352881	2.31	cps
Scandium	45-2	41184	39529	39800	40171	2.21	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	6	7	9	7	24.97	cps
Selenium	82-1	550	504	502	519	5.29	cps
Silicon	28-1	321100	319551	319277	319976	0.31	cps
Silver	109-1	8028	8061	8295	8128	1.79	cps
Silver	107-1	8620	8962	8803	8795	1.95	cps
Sodium	23-2	33206	34217	34803	34075	2.37	cps
Strontium	86-1	2800	2784	2434	2673	7.75	cps
Strontium	88-1	17746	17812	19557	18372	5.59	cps
Sulfur	34-1	354354	353848	351814	353338	0.38	cps
Terbium	159-1	12328535	12195989	11386184	11970236	4.26	cps
Terbium	159-2	2293788	2255252	2204136	2251059	2.00	cps
Thallium	203-1	6510	6202	7011	6574	6.21	cps
Thallium	205-1	16144	16119	16236	16167	0.38	cps
Tin	118-1	27212	27663	27613	27496	0.90	cps
Titanium	47-1	4618	4393	5168	4726	8.44	cps
Uranium	238-1	20234	20651	20334	20406	1.07	cps
Vanadium	51-2	2544	2547	2377	2489	3.91	cps
Yttrium	89-1	9545168	9495913	9146582	9395888	2.31	cps
Yttrium	89-2	270704	268178	266269	268384	0.83	cps
Zinc	66-2	310	283	320	304	6.23	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:49:16	DataFile Name :	005CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11030	11497	11956	11494	4.03	cps
Zirconium	91-1	2417	2634	2450	2500	4.67	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4909	5293	4926	5043	4.30	cps
Antimony	121-1	358800	363471	367350	363207	1.18	cps
Arsenic	75-2	3601	3584	3482	3555	1.81	cps
Barium	135-1	389963	394749	394272	392995	0.67	cps
Barium	137-1	688123	686688	694264	689692	0.58	cps
Beryllium	9-1	53902	53801	53405	53703	0.49	cps
Bismuth	209-1	7505998	7526335	7343267	7458533	1.35	cps
Bismuth	209-2	1906172	1963542	2002973	1957562	2.49	cps
Boron	10-1	6193	6085	6235	6171	1.26	cps
Boron	11-1	28488	28521	29172	28727	1.34	cps
Cadmium	111-1	80380	80562	81645	80862	0.85	cps
Cadmium	106-1	9620	10063	10196	9960	3.02	cps
Cadmium	108-1	5801	5851	5622	5758	2.09	cps
Calcium	43-1	82224	83155	82879	82752	0.58	cps
Calcium	44-1	1366071	1381418	1391602	1379697	0.93	cps
Chromium	52-2	34072	34179	33787	34013	0.59	cps
Cobalt	59-2	73891	75031	73864	74262	0.90	cps
Copper	63-2	129359	129958	129537	129618	0.24	cps
Dysprosium	156-1	42	42	33	39	12.37	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	11544821	11629480	11227351	11467217	1.85	cps
Holmium	165-2	2351354	2379889	2388114	2373119	0.81	cps
Indium	115-1	8908880	9041027	8710839	8886915	1.87	cps
Indium	115-2	352242	353546	359102	354963	1.03	cps
Iron	56-2	1132048	1124032	1126787	1127622	0.36	cps
Iron	57-2	28240	28151	28190	28194	0.16	cps
Krypton	83-1	337	280	270	296	12.16	cps
Lead	206-1	248412	250876	253984	251091	1.11	cps
Lead	207-1	225430	227843	227919	227064	0.62	cps
Lead	208-1	1014356	1022367	1032566	1023097	0.89	cps
Lithium	6-1	1873885	1880595	1815476	1856652	1.93	cps
Magnesium	24-2	129898	130494	128635	129676	0.73	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18162	18329	18399	18297	0.67	cps
Molybdenum	94-1	630123	631264	631610	630999	0.12	cps
Molybdenum	95-1	766578	775730	772311	771539	0.60	cps
Molybdenum	96-1	853383	871184	863099	862555	1.03	cps
Molybdenum	97-1	481280	485747	488222	485083	0.73	cps
Molybdenum	98-1	1230734	1243008	1242332	1238691	0.56	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21797	22048	21791	21879	0.67	cps
Phosphorus	31-2	308	317	300	308	2.70	cps
Potassium	39-2	32856	32889	33282	33009	0.72	cps
Rhodium	103-1	8345518	8448673	8165491	8319894	1.72	cps
Rhodium	103-2	2240106	2247665	2314777	2267516	1.81	cps
Scandium	45-1	5300499	5332621	5026279	5219800	3.23	cps
Scandium	45-2	38871	40305	40662	39946	2.37	cps
Selenium	77-2	23	13	23	20	28.87	cps
Selenium	78-2	63	78	83	75	14.10	cps
Selenium	82-1	4938	4742	5017	4899	2.90	cps
Silicon	28-1	441896	445816	441833	443182	0.51	cps
Silver	109-1	377862	385174	386997	383344	1.26	cps
Silver	107-1	397332	398428	398969	398243	0.21	cps
Sodium	23-2	294166	295264	288961	292797	1.15	cps
Strontium	86-1	99872	97816	98940	98876	1.04	cps
Strontium	88-1	851300	856630	855789	854573	0.34	cps
Sulfur	34-1	374554	374439	374225	374406	0.04	cps
Terbium	159-1	11873551	11962584	11523674	11786603	1.97	cps
Terbium	159-2	2222057	2218782	2278793	2239877	1.51	cps
Thallium	203-1	305411	304639	309943	306664	0.93	cps
Thallium	205-1	737706	738657	742824	739729	0.37	cps
Tin	118-1	258043	258295	258809	258382	0.15	cps
Titanium	47-1	204370	204075	206417	204954	0.62	cps
Uranium	238-1	982766	980453	980027	981082	0.15	cps
Vanadium	51-2	24488	25009	24789	24762	1.06	cps
Yttrium	89-1	9172157	9329774	8987891	9163274	1.87	cps
Yttrium	89-2	260622	267981	271233	266612	2.04	cps
Zinc	66-2	10931	10601	10724	10752	1.55	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:52:58	DataFile Name :	006CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	519951	522736	524859	522515	0.47	cps
Zirconium	91-1	116159	115134	116630	115974	0.66	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12564	13415	13048	13009	3.28	cps
Antimony	121-1	939607	949868	926121	938532	1.27	cps
Arsenic	75-2	8944	8758	9031	8911	1.56	cps
Barium	135-1	1005071	1009394	993646	1002704	0.81	cps
Barium	137-1	1784006	1809685	1774041	1789244	1.03	cps
Beryllium	9-1	134640	137018	134035	135231	1.17	cps
Bismuth	209-1	8047115	7743922	7472875	7754637	3.70	cps
Bismuth	209-2	1970308	1929750	1987518	1962525	1.51	cps
Boron	10-1	14875	15367	15718	15320	2.76	cps
Boron	11-1	71102	73111	72651	72288	1.46	cps
Cadmium	111-1	206352	206053	201987	204797	1.19	cps
Cadmium	106-1	23596	23379	23254	23410	0.74	cps
Cadmium	108-1	14900	15196	14496	14864	2.37	cps
Calcium	43-1	210539	211341	207488	209790	0.97	cps
Calcium	44-1	3417224	3446323	3380706	3414751	0.96	cps
Chromium	52-2	82337	83470	83048	82951	0.69	cps
Cobalt	59-2	183075	181354	183480	182636	0.62	cps
Copper	63-2	317521	317514	316238	317091	0.23	cps
Dysprosium	156-1	50	50	17	39	49.48	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	58	83	75	19.24	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	100	75	83	86	14.78	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	12440397	12070083	11694851	12068444	3.09	cps
Holmium	165-2	2362370	2383020	2369526	2371639	0.44	cps
Indium	115-1	9574633	9222201	8895822	9230885	3.68	cps
Indium	115-2	351300	349668	349977	350315	0.25	cps
Iron	56-2	2811262	2814832	2784859	2803651	0.58	cps
Iron	57-2	69373	68998	69020	69131	0.30	cps
Krypton	83-1	333	317	287	312	7.57	cps
Lead	206-1	646205	645284	634746	642078	0.99	cps
Lead	207-1	586946	586587	577183	583572	0.95	cps
Lead	208-1	2633995	2640800	2599027	2624607	0.85	cps
Lithium	6-1	1991395	1974044	1836358	1933932	4.39	cps
Magnesium	24-2	319584	313301	313786	315557	1.11	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45033	45541	44805	45126	0.83	cps
Molybdenum	94-1	1645439	1648748	1640658	1644948	0.25	cps
Molybdenum	95-1	1980647	2013120	1988703	1994156	0.85	cps
Molybdenum	96-1	2240183	2285152	2215140	2246825	1.58	cps
Molybdenum	97-1	1232151	1251717	1235670	1239846	0.84	cps
Molybdenum	98-1	3201589	3270549	3163420	3211853	1.69	cps
Neodymium	150-1	87	60	80	76	18.37	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53720	53375	53292	53462	0.42	cps
Phosphorus	31-2	850	708	692	750	11.60	cps
Potassium	39-2	78568	77581	76658	77603	1.23	cps
Rhodium	103-1	8914927	8674762	8319193	8636294	3.47	cps
Rhodium	103-2	2241686	2251176	2245879	2246247	0.21	cps
Scandium	45-1	5589988	5321987	5179872	5363949	3.88	cps
Scandium	45-2	40595	39088	39486	39723	1.97	cps
Selenium	77-2	63	70	60	64	7.90	cps
Selenium	78-2	230	233	200	221	8.27	cps
Selenium	82-1	12271	12180	12416	12289	0.96	cps
Silicon	28-1	719289	724757	722295	722114	0.38	cps
Silver	109-1	971511	972769	955470	966583	1.00	cps
Silver	107-1	1015050	1020202	997530	1010927	1.18	cps
Sodium	23-2	715792	714796	713367	714652	0.17	cps
Strontium	86-1	249939	255315	247500	250918	1.59	cps
Strontium	88-1	2193547	2222390	2164000	2193312	1.33	cps
Sulfur	34-1	406352	409263	404353	406656	0.61	cps
Terbium	159-1	13044139	12333355	11973299	12450264	4.38	cps
Terbium	159-2	2262765	2263289	2242209	2256088	0.53	cps
Thallium	203-1	792881	793272	780841	788998	0.90	cps
Thallium	205-1	1922831	1909345	1922740	1918305	0.40	cps
Tin	118-1	659240	665781	657184	660735	0.68	cps
Titanium	47-1	519519	527339	517400	521419	1.00	cps
Uranium	238-1	2570935	2620296	2537776	2576335	1.61	cps
Vanadium	51-2	61414	61156	60858	61143	0.45	cps
Yttrium	89-1	9866492	9526828	9195392	9529570	3.52	cps
Yttrium	89-2	267475	263239	265395	265370	0.80	cps
Zinc	66-2	26205	26101	26222	26176	0.25	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 12:56:40	DataFile Name :	007CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1344686	1372884	1344811	1354127	1.20	cps
Zirconium	91-1	297054	302648	299265	299656	0.94	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25357	25173	24564	25031	1.66	cps
Antimony	121-1	1845334	1831282	1842872	1839829	0.41	cps
Arsenic	75-2	17537	17710	17593	17613	0.50	cps
Barium	135-1	1970938	1960746	1942647	1958110	0.73	cps
Barium	137-1	3478076	3453857	3435588	3455840	0.62	cps
Beryllium	9-1	256377	257237	255582	256399	0.32	cps
Bismuth	209-1	7720579	7751365	7672689	7714878	0.51	cps
Bismuth	209-2	1875144	1877653	1946450	1899749	2.13	cps
Boron	10-1	28671	29323	29339	29111	1.31	cps
Boron	11-1	134290	138328	138908	137175	1.83	cps
Cadmium	111-1	396879	392042	391197	393373	0.78	cps
Cadmium	106-1	42401	43396	42092	42630	1.60	cps
Cadmium	108-1	27775	27624	28201	27867	1.07	cps
Calcium	43-1	403237	401976	406012	403742	0.51	cps
Calcium	44-1	6420998	6590705	6535152	6515619	1.33	cps
Chromium	52-2	164149	162470	163701	163440	0.53	cps
Cobalt	59-2	356535	356848	355146	356176	0.25	cps
Copper	63-2	621132	619316	618050	619499	0.25	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	11933270	11941828	11896040	11923713	0.20	cps
Holmium	165-2	2260920	2312779	2369861	2314520	2.35	cps
Indium	115-1	9188862	9129479	8846988	9055110	2.02	cps
Indium	115-2	330658	338246	343955	337619	1.98	cps
Iron	56-2	5451056	5447185	5423798	5440680	0.27	cps
Iron	57-2	136657	134599	135917	135725	0.77	cps
Krypton	83-1	310	290	253	284	10.10	cps
Lead	206-1	1232356	1245910	1247145	1241804	0.66	cps
Lead	207-1	1124714	1135038	1136853	1132202	0.58	cps
Lead	208-1	5135488	5211919	5161877	5169761	0.75	cps
Lithium	6-1	1922432	1887279	1863970	1891227	1.56	cps
Magnesium	24-2	622425	619770	614398	618864	0.66	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88572	88323	87479	88125	0.65	cps
Molybdenum	94-1	3181167	3149110	3189065	3173114	0.67	cps
Molybdenum	95-1	3848663	3820853	3806104	3825207	0.56	cps
Molybdenum	96-1	4277818	4248792	4292246	4272952	0.52	cps
Molybdenum	97-1	2455821	2443100	2459717	2452879	0.35	cps
Molybdenum	98-1	6090553	6165087	6135782	6130474	0.61	cps
Neodymium	150-1	60	33	80	58	40.53	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	105559	104586	105942	105362	0.66	cps
Phosphorus	31-2	1450	1450	1525	1475	2.94	cps
Potassium	39-2	151635	147785	150614	150011	1.33	cps
Rhodium	103-1	8470022	8407781	8348605	8408802	0.72	cps
Rhodium	103-2	2149847	2164925	2215951	2176908	1.59	cps
Scandium	45-1	5276161	5336210	5242499	5284957	0.90	cps
Scandium	45-2	37403	37684	38884	37990	2.07	cps
Selenium	77-2	137	117	83	112	24.01	cps
Selenium	78-2	398	411	413	407	1.98	cps
Selenium	82-1	23838	23865	23597	23767	0.62	cps
Silicon	28-1	1108360	1116707	1111877	1112315	0.38	cps
Silver	109-1	1892179	1876355	1865504	1878012	0.71	cps
Silver	107-1	1995295	1966835	1971347	1977826	0.77	cps
Sodium	23-2	1430733	1425053	1420480	1425422	0.36	cps
Strontium	86-1	487801	487724	482935	486153	0.57	cps
Strontium	88-1	4243521	4197843	4191230	4210865	0.68	cps
Sulfur	34-1	455798	448872	448382	451017	0.92	cps
Terbium	159-1	12364728	12357768	12138016	12286837	1.05	cps
Terbium	159-2	2130903	2193512	2235120	2186512	2.40	cps
Thallium	203-1	1533510	1543871	1545612	1540998	0.42	cps
Thallium	205-1	3676873	3718074	3724216	3706387	0.69	cps
Tin	118-1	1272105	1263160	1266352	1267206	0.36	cps
Titanium	47-1	995165	996363	997149	996226	0.10	cps
Uranium	238-1	5003989	5034578	4998757	5012441	0.39	cps
Vanadium	51-2	120183	119400	118745	119443	0.60	cps
Yttrium	89-1	9406054	9466173	9300764	9390997	0.89	cps
Yttrium	89-2	249523	256493	261667	255895	2.38	cps
Zinc	66-2	51164	51783	51335	51427	0.62	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:00:17	DataFile Name :	008CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2603934	2626084	2619459	2616492	0.43	cps
Zirconium	91-1	573840	573165	578434	575146	0.50	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47581	47974	47113	47556	0.91	cps
Antimony	121-1	3655013	3621998	3668125	3648379	0.65	cps
Arsenic	75-2	33897	34341	34305	34181	0.72	cps
Barium	135-1	3906251	3901597	3866714	3891521	0.56	cps
Barium	137-1	6820099	6727042	6755974	6767705	0.70	cps
Beryllium	9-1	504535	499566	497796	500633	0.70	cps
Bismuth	209-1	7702616	7427704	7718575	7616298	2.15	cps
Bismuth	209-2	1930162	1911105	1919640	1920302	0.50	cps
Boron	10-1	56595	56980	58135	57237	1.40	cps
Boron	11-1	264767	268137	274971	269292	1.93	cps
Cadmium	111-1	770787	772014	772206	771669	0.10	cps
Cadmium	106-1	83516	80810	81949	82092	1.66	cps
Cadmium	108-1	55518	55502	55351	55457	0.17	cps
Calcium	43-1	801278	798261	793891	797810	0.47	cps
Calcium	44-1	12829785	12968361	12880661	12892936	0.54	cps
Chromium	52-2	313820	316460	315175	315152	0.42	cps
Cobalt	59-2	693473	691432	689203	691369	0.31	cps
Copper	63-2	1199036	1189126	1194684	1194282	0.42	cps
Dysprosium	156-1	108	117	83	103	16.88	cps
Dysprosium	156-2	3	10	20	11	75.52	cps
Erbium	164-1	108	25	83	72	59.21	cps
Erbium	164-2	10	3	20	11	75.52	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	17	23	7	16	53.90	cps
Holmium	165-1	12075815	11459947	12148885	11894883	3.18	cps
Holmium	165-2	2346027	2350357	2327138	2341174	0.53	cps
Indium	115-1	8972772	8587334	9064171	8874759	2.85	cps
Indium	115-2	336318	334361	335904	335528	0.31	cps
Iron	56-2	10601917	10489970	10451472	10514453	0.74	cps
Iron	57-2	266033	263409	264061	264501	0.52	cps
Krypton	83-1	310	297	230	279	15.37	cps
Lead	206-1	2510908	2531139	2529024	2523690	0.44	cps
Lead	207-1	2337365	2308859	2309260	2318495	0.70	cps
Lead	208-1	10307237	10437884	10354872	10366664	0.64	cps
Lithium	6-1	1862034	1760784	1895399	1839406	3.81	cps
Magnesium	24-2	1222333	1219599	1228236	1223389	0.36	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170735	170425	169821	170327	0.27	cps
Molybdenum	94-1	6171543	6288757	6154335	6204878	1.18	cps
Molybdenum	95-1	7580414	7594608	7575259	7583427	0.13	cps
Molybdenum	96-1	8378244	8422093	8390777	8397038	0.27	cps
Molybdenum	97-1	4817696	4825066	4816641	4819801	0.10	cps
Molybdenum	98-1	12137740	12131240	12073039	12114006	0.29	cps
Neodymium	150-1	227	167	213	202	15.58	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	203930	202313	204200	203481	0.50	cps
Phosphorus	31-2	2959	2850	2834	2881	2.36	cps
Potassium	39-2	292626	286610	287204	288813	1.15	cps
Rhodium	103-1	8253801	7928338	8245439	8142526	2.28	cps
Rhodium	103-2	2182911	2164622	2164438	2170657	0.49	cps
Scandium	45-1	5233536	5035770	5232243	5167183	2.20	cps
Scandium	45-2	37981	38275	37721	37992	0.73	cps
Selenium	77-2	293	233	287	271	12.13	cps
Selenium	78-2	728	744	757	743	2.00	cps
Selenium	82-1	46578	46723	46290	46530	0.47	cps
Silicon	28-1	1841220	1875906	1831395	1849507	1.26	cps
Silver	109-1	3673167	3664054	3658622	3665281	0.20	cps
Silver	107-1	3927179	3852999	3837369	3872516	1.24	cps
Sodium	23-2	2738534	2741306	2712449	2730763	0.58	cps
Strontium	86-1	965699	964833	960696	963742	0.28	cps
Strontium	88-1	8279840	8228935	8307982	8272253	0.48	cps
Sulfur	34-1	561211	556875	552388	556825	0.79	cps
Terbium	159-1	12353105	11741139	12254354	12116199	2.71	cps
Terbium	159-2	2238055	2227444	2226429	2230643	0.29	cps
Thallium	203-1	3118363	3113014	3114234	3115203	0.09	cps
Thallium	205-1	7305859	7431564	7380276	7372566	0.86	cps
Tin	118-1	2568570	2573930	2545605	2562702	0.59	cps
Titanium	47-1	1989118	2030098	2014062	2011093	1.03	cps
Uranium	238-1	9922819	9916290	9951996	9930368	0.19	cps
Vanadium	51-2	232050	231846	235144	233013	0.79	cps
Yttrium	89-1	9391372	8926263	9371339	9229658	2.85	cps
Yttrium	89-2	254614	255213	253436	254421	0.36	cps
Zinc	66-2	99957	100168	99198	99774	0.51	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:03:47	DataFile Name :	009CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5217424	5178627	5170830	5188960	0.48	cps
Zirconium	91-1	1140746	1149878	1143934	1144853	0.40	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93205	93172	92165	92848	0.64	cps
Antimony	121-1	7157954	7170456	7101123	7143178	0.52	cps
Arsenic	75-2	67532	67815	66941	67429	0.66	cps
Barium	135-1	7674565	7616403	7550019	7613663	0.82	cps
Barium	137-1	13466082	13519113	13335923	13440373	0.70	cps
Beryllium	9-1	967512	969176	968243	968310	0.09	cps
Bismuth	209-1	7852727	7626183	7705574	7728161	1.49	cps
Bismuth	209-2	1870451	1774461	1900323	1848412	3.56	cps
Boron	10-1	108885	114563	115042	112830	3.04	cps
Boron	11-1	522295	532039	545270	533201	2.16	cps
Cadmium	111-1	1516791	1524014	1522940	1521249	0.26	cps
Cadmium	106-1	158293	161657	161624	160525	1.20	cps
Cadmium	108-1	107462	107773	109057	108097	0.78	cps
Calcium	43-1	1575011	1570880	1592605	1579499	0.73	cps
Calcium	44-1	25317958	25366872	25025890	25236907	0.73	cps
Chromium	52-2	619944	623840	621356	621713	0.32	cps
Cobalt	59-2	1354165	1359182	1355370	1356239	0.19	cps
Copper	63-2	2354453	2362166	2354959	2357193	0.18	cps
Dysprosium	156-1	125	92	75	97	26.18	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	23	13	3	13	75.02	cps
Holmium	165-1	12199943	12166127	12065798	12143956	0.57	cps
Holmium	165-2	2308494	2237421	2330546	2292154	2.12	cps
Indium	115-1	9096552	8823424	8902210	8940729	1.57	cps
Indium	115-2	325229	313314	327509	322017	2.37	cps
Iron	56-2	20741489	20756612	20603644	20700581	0.41	cps
Iron	57-2	516359	526918	521065	521447	1.01	cps
Krypton	83-1	293	277	367	312	15.34	cps
Lead	206-1	5035373	4986393	4978862	5000209	0.61	cps
Lead	207-1	4612896	4585400	4541056	4579784	0.79	cps
Lead	208-1	20641735	20545692	20370903	20519443	0.67	cps
Lithium	6-1	1864116	1838825	1797347	1833429	1.84	cps
Magnesium	24-2	2387287	2417647	2393439	2399458	0.67	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	334490	336964	337113	336189	0.44	cps
Molybdenum	94-1	12321056	12381307	12293861	12332075	0.36	cps
Molybdenum	95-1	14964591	15010194	14950854	14975213	0.21	cps
Molybdenum	96-1	16627069	16647463	16677686	16650739	0.15	cps
Molybdenum	97-1	9439258	9437864	9457617	9444913	0.12	cps
Molybdenum	98-1	24203188	24053060	24082742	24112997	0.33	cps
Neodymium	150-1	273	320	360	318	13.65	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	394285	397233	397142	396220	0.42	cps
Phosphorus	31-2	5710	5560	5901	5724	2.99	cps
Potassium	39-2	565232	565591	566038	565620	0.07	cps
Rhodium	103-1	8191528	8086269	8173565	8150454	0.69	cps
Rhodium	103-2	2143920	2029804	2120194	2097973	2.87	cps
Scandium	45-1	5235242	5096532	5149905	5160560	1.36	cps
Scandium	45-2	37654	35682	37844	37060	3.23	cps
Selenium	77-2	517	450	483	483	6.90	cps
Selenium	78-2	1526	1489	1515	1510	1.26	cps
Selenium	82-1	90800	90526	90686	90671	0.15	cps
Silicon	28-1	3145656	3137219	3133252	3138709	0.20	cps
Silver	109-1	7099784	7179195	7165088	7148023	0.59	cps
Silver	107-1	7541436	7495487	7517356	7518093	0.31	cps
Sodium	23-2	5322601	5342442	5347349	5337464	0.25	cps
Strontium	86-1	1905388	1922420	1926391	1918066	0.58	cps
Strontium	88-1	16324109	16460150	16455335	16413198	0.47	cps
Sulfur	34-1	765638	765682	769554	766958	0.29	cps
Terbium	159-1	12610049	12428362	12411907	12483439	0.88	cps
Terbium	159-2	2182047	2121304	2211187	2171513	2.11	cps
Thallium	203-1	6178119	6151162	6161274	6163518	0.22	cps
Thallium	205-1	14768773	14617187	14654608	14680189	0.54	cps
Tin	118-1	5043960	4996887	5019161	5020003	0.47	cps
Titanium	47-1	3892888	3873962	3862398	3876416	0.40	cps
Uranium	238-1	20026855	19929075	20115824	20023918	0.47	cps
Vanadium	51-2	461057	463653	459143	461284	0.49	cps
Yttrium	89-1	9359362	9257365	9294998	9303908	0.55	cps
Yttrium	89-2	251729	242294	254514	249512	2.57	cps
Zinc	66-2	192094	190938	192148	191726	0.36	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:07:14	DataFile Name :	010CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10225788	10200549	10257254	10227864	0.28	cps
Zirconium	91-1	2302378	2333610	2324379	2320122	0.69	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525913	530865	526812	527863	0.50	cps
Antimony	121-1	20425	19615	18363	19468	5.33	cps
Arsenic	75-2	144	124	131	133	7.73	cps
Barium	135-1	1659	1542	1617	1606	3.68	cps
Barium	137-1	2926	2542	2684	2717	7.14	cps
Beryllium	9-1	550	544	450	515	10.92	cps
Bismuth	209-1	7359942	7326186	7329717	7338615	0.25	cps
Bismuth	209-2	1721377	1849418	1873089	1814628	4.50	cps
Boron	10-1	5985	5393	4768	5382	11.31	cps
Boron	11-1	28671	26208	23453	26111	10.00	cps
Cadmium	111-1	1663	1739	1783	1728	3.52	cps
Cadmium	106-1	1825	2000	2059	1961	6.19	cps
Cadmium	108-1	33	46	42	40	15.80	cps
Calcium	43-1	8429046	8567730	8461650	8486142	0.85	cps
Calcium	44-1	138019857	139342161	138543174	138635064	0.48	cps
Chromium	52-2	25817	26171	25680	25890	0.98	cps
Cobalt	59-2	18299	18322	19157	18593	2.63	cps
Copper	63-2	4607	4641	4628	4625	0.36	cps
Dysprosium	156-1	108	108	100	106	4.56	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	150	175	125	150	16.67	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	12221289	12117500	12247982	12195590	0.57	cps
Holmium	165-2	2277178	2466855	2435404	2393146	4.25	cps
Indium	115-1	9045878	8958319	9067232	9023810	0.64	cps
Indium	115-2	329414	348668	351056	343046	3.46	cps
Iron	56-2	111529725	111619691	111554580	111567999	0.04	cps
Iron	57-2	2832170	2851358	2838390	2840640	0.34	cps
Krypton	83-1	280	317	293	297	6.26	cps
Lead	206-1	28388	27742	27909	28013	1.20	cps
Lead	207-1	23522	24084	23495	23700	1.40	cps
Lead	208-1	110864	109814	109157	109945	0.78	cps
Lithium	6-1	1900020	1866104	1895040	1887055	0.97	cps
Magnesium	24-2	13065165	13071691	13134806	13090554	0.29	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CAL5_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1667	1870	1760	1766	5.77	cps
Molybdenum	94-1	17454	17671	17095	17406	1.67	cps
Molybdenum	95-1	28907	28539	28806	28751	0.66	cps
Molybdenum	96-1	33443	33275	31296	32671	3.66	cps
Molybdenum	97-1	19064	18130	17963	18385	3.23	cps
Molybdenum	98-1	46699	47091	45987	46592	1.20	cps
Neodymium	150-1	47	67	100	71	37.88	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	13607	14011	14358	13992	2.69	cps
Phosphorus	31-2	33	8	0	14	124.91	cps
Potassium	39-2	3190640	3206392	3173752	3190262	0.51	cps
Rhodium	103-1	8137136	8016894	8170767	8108266	1.00	cps
Rhodium	103-2	2024132	2147229	2177860	2116407	3.84	cps
Scandium	45-1	5439183	5369705	5548243	5452377	1.65	cps
Scandium	45-2	38730	41207	41090	40342	3.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	135	50	83	89	47.84	cps
Silicon	28-1	441511	450748	455447	449235	1.58	cps
Silver	109-1	1042	908	1125	1025	10.66	cps
Silver	107-1	958	967	967	964	0.50	cps
Sodium	23-2	29648054	29703310	29768458	29706607	0.20	cps
Strontium	86-1	9712	8912	9520	9381	4.46	cps
Strontium	88-1	78208	77763	76422	77464	1.20	cps
Sulfur	34-1	322189	327180	325421	324930	0.78	cps
Terbium	159-1	12575749	12412569	12407042	12465120	0.77	cps
Terbium	159-2	2138441	2278566	2306188	2241065	4.01	cps
Thallium	203-1	4093	3759	3892	3915	4.29	cps
Thallium	205-1	9212	8670	8495	8792	4.25	cps
Tin	118-1	14008	13524	12857	13463	4.29	cps
Titanium	47-1	2334	2109	2267	2236	5.17	cps
Uranium	238-1	2250	1659	1725	1878	17.26	cps
Vanadium	51-2	230	210	213	218	4.92	cps
Yttrium	89-1	9609472	9518205	9677331	9601669	0.83	cps
Yttrium	89-2	254675	271779	273851	266768	3.95	cps
Zinc	66-2	1667	1703	1763	1711	2.85	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:10:38	DataFile Name :	011CALS_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2917	2992	2384	2764	12.00	cps
Zirconium	91-1	567	475	600	547	11.83	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2475	2325	2459	2420	3.40	cps
Antimony	121-1	1374600	1393962	1402367	1390309	1.02	cps
Arsenic	75-2	13939	13633	13475	13682	1.72	cps
Barium	135-1	149392	150732	151154	150426	0.61	cps
Barium	137-1	262857	262901	266732	264163	0.84	cps
Beryllium	9-1	100409	98653	100264	99775	0.98	cps
Bismuth	209-1	7828729	7723442	7782675	7778282	0.68	cps
Bismuth	209-2	1966945	1930583	1963816	1953781	1.03	cps
Boron	10-1	61616	62712	64947	63092	2.69	cps
Boron	11-1	291524	300893	308486	300301	2.83	cps
Cadmium	111-1	158844	158236	158612	158564	0.19	cps
Cadmium	106-1	26828	27429	27362	27206	1.21	cps
Cadmium	108-1	14049	14621	14337	14336	1.99	cps
Calcium	43-1	34569	33884	34610	34354	1.19	cps
Calcium	44-1	553815	555709	557568	555698	0.34	cps
Chromium	52-2	63343	63172	63982	63499	0.67	cps
Cobalt	59-2	142833	142604	142971	142803	0.13	cps
Copper	63-2	124935	124222	123351	124170	0.64	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	117	58	81	39.16	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	50	117	67	78	44.61	cps
Gadolinium	160-2	20	10	0	10	100.00	cps
Holmium	165-1	11902642	11774422	11962021	11879695	0.81	cps
Holmium	165-2	2360148	2339034	2337026	2345403	0.55	cps
Indium	115-1	9169697	9087919	9173717	9143777	0.53	cps
Indium	115-2	348157	343712	347483	346451	0.69	cps
Iron	56-2	433641	431076	429514	431411	0.48	cps
Iron	57-2	10688	10999	10999	10895	1.65	cps
Krypton	83-1	290	310	313	304	4.14	cps
Lead	206-1	985304	983726	989936	986322	0.33	cps
Lead	207-1	865043	868913	864052	866003	0.30	cps
Lead	208-1	4005017	4035086	4027201	4022435	0.39	cps
Lithium	6-1	1907263	1916214	1911539	1911672	0.23	cps
Magnesium	24-2	29749	29156	29331	29412	1.04	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17421	17504	17675	17533	0.74	cps
Molybdenum	94-1	2903919	2955797	2930801	2930172	0.89	cps
Molybdenum	95-1	1654990	1655420	1655312	1655241	0.01	cps
Molybdenum	96-1	2087668	2080819	2124462	2097649	1.12	cps
Molybdenum	97-1	1014470	1016703	1012731	1014635	0.20	cps
Molybdenum	98-1	2656090	2635416	2655906	2649137	0.45	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41779	41819	41980	41860	0.25	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	26342	25925	25916	26061	0.93	cps
Rhodium	103-1	8628968	8513296	8548165	8563476	0.69	cps
Rhodium	103-2	2255585	2228459	2270873	2251639	0.95	cps
Scandium	45-1	5359141	5330299	5285651	5325030	0.70	cps
Scandium	45-2	39659	39954	40057	39890	0.52	cps
Selenium	77-2	110	73	67	83	28.00	cps
Selenium	78-2	300	291	313	301	3.71	cps
Selenium	82-1	18372	18389	18712	18491	1.04	cps
Silicon	28-1	253840	255828	258061	255909	0.83	cps
Silver	109-1	654719	664488	663245	660817	0.80	cps
Silver	107-1	686220	694625	695595	692147	0.74	cps
Sodium	23-2	117717	117851	119439	118336	0.81	cps
Strontium	86-1	987404	995753	991989	991715	0.42	cps
Strontium	88-1	8497228	8566131	8511900	8525086	0.43	cps
Sulfur	34-1	327385	328872	330059	328772	0.41	cps
Terbium	159-1	12304783	12220312	12236397	12253831	0.37	cps
Terbium	159-2	2236232	2228393	2242764	2235796	0.32	cps
Thallium	203-1	1236758	1227516	1235318	1233197	0.40	cps
Thallium	205-1	3007559	3002681	2995971	3002070	0.19	cps
Tin	118-1	2635721	2652634	2659718	2649358	0.47	cps
Titanium	47-1	412556	417546	413980	414694	0.62	cps
Uranium	238-1	10063305	10049123	10081927	10064785	0.16	cps
Vanadium	51-2	47524	46383	46741	46883	1.24	cps
Yttrium	89-1	9474005	9445137	9406966	9442036	0.36	cps
Yttrium	89-2	260396	261659	265288	262448	0.97	cps
Zinc	66-2	20248	20265	20168	20227	0.26	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:43:11	DataFile Name :	016ICV01_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5350401	5393150	5374428	5372660	0.40	cps
Zirconium	91-1	1179765	1182963	1184709	1182479	0.21	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	117	192	122	54.69	cps
Antimony	121-1	15351	15334	16002	15562	2.45	cps
Arsenic	75-2	80	69	85	78	10.91	cps
Barium	135-1	15118	15510	14851	15159	2.19	cps
Barium	137-1	26110	27237	26110	26486	2.46	cps
Beryllium	9-1	1361	1183	1083	1209	11.64	cps
Bismuth	209-1	7873315	7807592	7795235	7825381	0.54	cps
Bismuth	209-2	1862225	1985436	1998491	1948717	3.86	cps
Boron	10-1	4576	4659	4418	4551	2.70	cps
Boron	11-1	21024	21692	20273	20997	3.38	cps
Cadmium	111-1	2858	2812	2685	2785	3.21	cps
Cadmium	106-1	2000	2017	1834	1950	5.20	cps
Cadmium	108-1	108	125	117	117	7.14	cps
Calcium	43-1	8545	7878	8028	8150	4.29	cps
Calcium	44-1	144208	144958	143251	144139	0.59	cps
Chromium	52-2	1853	1870	1913	1879	1.65	cps
Cobalt	59-2	1510	1607	1637	1585	4.18	cps
Copper	63-2	2960	2984	3000	2981	0.67	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	12020201	12051225	12153758	12075061	0.58	cps
Holmium	165-2	2253174	2399480	2385857	2346170	3.44	cps
Indium	115-1	9404606	9338776	9384237	9375873	0.36	cps
Indium	115-2	332278	354372	353349	346666	3.60	cps
Iron	56-2	23782	23620	23943	23782	0.68	cps
Iron	57-2	617	628	611	619	1.37	cps
Krypton	83-1	333	270	380	328	16.84	cps
Lead	206-1	5362	5374	5474	5403	1.13	cps
Lead	207-1	5146	4573	4840	4853	5.90	cps
Lead	208-1	22731	21958	22698	22462	1.94	cps
Lithium	6-1	1946100	1935805	1952504	1944803	0.43	cps
Magnesium	24-2	12756	12648	12756	12720	0.49	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220	250	213	228	8.58	cps
Molybdenum	94-1	15835	15301	15393	15509	1.84	cps
Molybdenum	95-1	15051	14909	15318	15092	1.38	cps
Molybdenum	96-1	18013	17195	18088	17765	2.79	cps
Molybdenum	97-1	9679	10071	9887	9879	1.98	cps
Molybdenum	98-1	25483	25174	25132	25263	0.76	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	593	553	610	586	4.97	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8161	8361	8461	8328	1.84	cps
Rhodium	103-1	8642007	8733084	8752585	8709225	0.68	cps
Rhodium	103-2	2138764	2312244	2305355	2252121	4.36	cps
Scandium	45-1	5297438	5387235	5459906	5381526	1.51	cps
Scandium	45-2	38102	39622	39743	39156	2.34	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	15	17	2	11	72.67	cps
Selenium	82-1	438	471	369	426	12.15	cps
Silicon	28-1	294579	296552	291933	294355	0.79	cps
Silver	109-1	7711	7686	7402	7600	2.25	cps
Silver	107-1	8170	7936	8178	8094	1.70	cps
Sodium	23-2	33950	34125	34050	34042	0.26	cps
Strontium	86-1	2159	2609	2475	2414	9.58	cps
Strontium	88-1	17637	16561	17412	17203	3.30	cps
Sulfur	34-1	341084	344124	341461	342223	0.48	cps
Terbium	159-1	12312315	12363215	12294303	12323278	0.29	cps
Terbium	159-2	2140109	2272749	2281150	2231336	3.55	cps
Thallium	203-1	6610	6777	6569	6652	1.66	cps
Thallium	205-1	15552	15610	15594	15585	0.19	cps
Tin	118-1	28089	27529	27146	27588	1.72	cps
Titanium	47-1	4351	4443	4351	4381	1.21	cps
Uranium	238-1	19683	18823	20401	19636	4.02	cps
Vanadium	51-2	2577	2530	2354	2487	4.74	cps
Yttrium	89-1	9527020	9612420	9695814	9611751	0.88	cps
Yttrium	89-2	248771	265774	266427	260324	3.85	cps
Zinc	66-2	343	257	287	296	14.89	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 13:56:03	DataFile Name :	017LLIC_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19465	18830	17554	18616	5.23	cps
Zirconium	91-1	4301	3867	4343	4170	6.31	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	717	708	617	681	8.15	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	58	25	75	53	48.24	cps
Barium	137-1	67	50	58	58	14.29	cps
Beryllium	9-1	128	50	94	91	43.00	cps
Bismuth	209-1	7862425	7953565	7923662	7913217	0.59	cps
Bismuth	209-2	2023545	1956651	2006597	1995598	1.74	cps
Boron	10-1	1450	1267	1425	1381	7.20	cps
Boron	11-1	6552	6343	5926	6274	5.07	cps
Cadmium	111-1	1331	1213	1325	1289	5.17	cps
Cadmium	106-1	1892	1709	1867	1822	5.46	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	458	442	483	461	4.55	cps
Calcium	44-1	15226	15259	15276	15253	0.17	cps
Chromium	52-2	430	493	440	454	7.49	cps
Cobalt	59-2	67	73	100	80	22.05	cps
Copper	63-2	270	363	380	338	17.55	cps
Dysprosium	156-1	33	8	33	25	57.75	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	0	20	7	9	114.55	cps
Gadolinium	160-1	92	100	75	89	14.32	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	12124408	12383698	12021377	12176494	1.53	cps
Holmium	165-2	2419439	2370932	2445115	2411829	1.56	cps
Indium	115-1	9419385	9368860	9404647	9397631	0.28	cps
Indium	115-2	358178	351504	363916	357866	1.74	cps
Iron	56-2	1311	1383	1417	1370	3.94	cps
Iron	57-2	22	28	33	28	20.00	cps
Krypton	83-1	357	350	343	350	1.91	cps
Lead	206-1	472	300	394	389	22.18	cps
Lead	207-1	294	372	311	326	12.56	cps
Lead	208-1	1633	1395	1628	1552	8.79	cps
Lithium	6-1	1974802	1982942	1945495	1967747	1.00	cps
Magnesium	24-2	167	133	208	169	22.18	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	47	30	43	27.73	cps
Molybdenum	94-1	842	933	775	850	9.35	cps
Molybdenum	95-1	317	317	358	331	7.28	cps
Molybdenum	96-1	517	550	450	506	10.07	cps
Molybdenum	97-1	192	208	242	214	11.90	cps
Molybdenum	98-1	550	517	550	539	3.57	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	80	93	73	32.78	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1867	1934	2100	1967	6.11	cps
Rhodium	103-1	8810202	8812295	8817347	8813281	0.04	cps
Rhodium	103-2	2339217	2324555	2351998	2338590	0.59	cps
Scandium	45-1	5439746	5457223	5443185	5446718	0.17	cps
Scandium	45-2	41140	39803	41237	40727	1.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-69	-39	-48	-52	-29.62	cps
Silicon	28-1	244898	243342	243849	244030	0.33	cps
Silver	109-1	67	133	117	106	32.87	cps
Silver	107-1	117	83	100	100	16.66	cps
Sodium	23-2	5343	4893	5285	5173	4.73	cps
Strontium	86-1	517	575	542	544	5.38	cps
Strontium	88-1	225	133	233	197	28.13	cps
Sulfur	34-1	346326	344713	345972	345671	0.25	cps
Terbium	159-1	12561973	12547222	12353396	12487531	0.93	cps
Terbium	159-2	2324198	2255788	2334330	2304772	1.85	cps
Thallium	203-1	400	367	425	397	7.37	cps
Thallium	205-1	725	1033	933	897	17.53	cps
Tin	118-1	1417	1608	1634	1553	7.63	cps
Titanium	47-1	133	158	117	136	15.41	cps
Uranium	238-1	100	142	67	103	36.56	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	9664422	9742739	9610282	9672481	0.69	cps
Yttrium	89-2	270656	266802	273165	270208	1.19	cps
Zinc	66-2	47	47	77	57	30.56	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:02:18	DataFile Name :	018CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1775	1709	1892	1792	5.18	cps
Zirconium	91-1	408	317	325	350	14.48	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443604	445987	442645	444079	0.39	cps
Antimony	121-1	8603	9329	9395	9109	4.82	cps
Arsenic	75-2	13	22	15	17	29.41	cps
Barium	135-1	2325	2167	2350	2281	4.36	cps
Barium	137-1	4218	3884	4067	4056	4.12	cps
Beryllium	9-1	389	422	444	419	6.68	cps
Bismuth	209-1	7851558	7840502	7762541	7818200	0.62	cps
Bismuth	209-2	1894985	1915075	1896350	1902137	0.59	cps
Boron	10-1	1617	1717	1525	1620	5.92	cps
Boron	11-1	7052	7402	7035	7163	2.89	cps
Cadmium	111-1	1782	1517	1680	1660	8.05	cps
Cadmium	106-1	1767	1483	1767	1672	9.78	cps
Cadmium	108-1	888	1054	879	940	10.50	cps
Calcium	43-1	1595018	1619649	1619893	1611520	0.89	cps
Calcium	44-1	25928445	25901238	26021243	25950309	0.24	cps
Chromium	52-2	13310	13363	13026	13233	1.37	cps
Cobalt	59-2	1700	1643	1587	1643	3.45	cps
Copper	63-2	9413	9770	9417	9533	2.15	cps
Dysprosium	156-1	42	117	33	64	71.84	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	12306275	12335320	12382036	12341210	0.31	cps
Holmium	165-2	2403124	2408760	2364662	2392182	1.00	cps
Indium	115-1	9158491	9162026	9152566	9157694	0.05	cps
Indium	115-2	335004	339331	337714	337349	0.65	cps
Iron	56-2	42396165	42471070	42332891	42400042	0.16	cps
Iron	57-2	1060233	1059397	1060808	1060146	0.07	cps
Krypton	83-1	290	257	257	268	7.19	cps
Lead	206-1	24647	24947	24558	24717	0.83	cps
Lead	207-1	19593	20283	18981	19619	3.32	cps
Lead	208-1	93553	93651	91530	92911	1.29	cps
Lithium	6-1	1878294	1883122	1868232	1876550	0.40	cps
Magnesium	24-2	2431980	2434791	2408660	2425144	0.59	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1313	1457	1420	1397	5.33	cps
Molybdenum	94-1	3473808	3475957	3526151	3491972	0.85	cps
Molybdenum	95-1	6047351	6045753	6088252	6060452	0.40	cps
Molybdenum	96-1	6437416	6505094	6540504	6494338	0.81	cps
Molybdenum	97-1	3831796	3898015	3939673	3889828	1.40	cps
Molybdenum	98-1	9674532	9726854	9803894	9735093	0.67	cps
Neodymium	150-1	7	53	13	24	103.26	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2214	2350	2280	2281	3.00	cps
Phosphorus	31-2	29231	29148	29256	29212	0.19	cps
Potassium	39-2	1153062	1158364	1168981	1160136	0.70	cps
Rhodium	103-1	8347376	8349021	8341118	8345839	0.05	cps
Rhodium	103-2	2177823	2188728	2163414	2176655	0.58	cps
Scandium	45-1	5291598	5320430	5297200	5303076	0.29	cps
Scandium	45-2	37851	38219	38232	38101	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	20	47	8	25	81.46	cps
Silicon	28-1	333720	332580	333943	333414	0.22	cps
Silver	109-1	492	525	517	511	3.39	cps
Silver	107-1	508	650	442	533	19.95	cps
Sodium	23-2	5541055	5512306	5581545	5544969	0.63	cps
Strontium	86-1	66044	66839	66294	66392	0.61	cps
Strontium	88-1	565187	567487	577540	570071	1.15	cps
Sulfur	34-1	2214603	2197026	2181863	2197831	0.75	cps
Terbium	159-1	12600498	12599008	12636905	12612137	0.17	cps
Terbium	159-2	2284625	2258609	2255836	2266357	0.70	cps
Thallium	203-1	825	858	767	817	5.68	cps
Thallium	205-1	1934	1867	1975	1925	2.84	cps
Tin	118-1	2209	2092	2450	2250	8.12	cps
Titanium	47-1	1616774	1640740	1645205	1634240	0.94	cps
Uranium	238-1	575	442	458	492	14.78	cps
Vanadium	51-2	63	83	70	72	14.11	cps
Yttrium	89-1	9477096	9458634	9452078	9462602	0.14	cps
Yttrium	89-2	258642	259302	258280	258741	0.20	cps
Zinc	66-2	1160	1300	1173	1211	6.38	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:05:39	DataFile Name :	019ICSA01_P8071318M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9145	7894	7302	8114	11.59	cps
Zirconium	91-1	2225	1909	1650	1928	14.94	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451899	449532	447763	449731	0.46	cps
Antimony	121-1	158142	159298	157960	158467	0.46	cps
Arsenic	75-2	1378	1378	1493	1416	4.68	cps
Barium	135-1	34730	34605	33811	34382	1.45	cps
Barium	137-1	60188	60757	59669	60204	0.90	cps
Beryllium	9-1	20960	21199	21027	21062	0.59	cps
Bismuth	209-1	7719792	7388259	7747059	7618370	2.62	cps
Bismuth	209-2	1895211	1883613	1954503	1911109	1.99	cps
Boron	10-1	8369	8611	8995	8659	3.64	cps
Boron	11-1	38736	40683	40107	39842	2.51	cps
Cadmium	111-1	33184	33280	33155	33206	0.20	cps
Cadmium	106-1	5726	5818	5960	5835	2.02	cps
Cadmium	108-1	3642	3526	3446	3538	2.79	cps
Calcium	43-1	1655539	1669943	1642818	1656100	0.82	cps
Calcium	44-1	26334117	26455698	26331813	26373876	0.27	cps
Chromium	52-2	27036	26141	26849	26676	1.77	cps
Cobalt	59-2	30430	30647	30410	30496	0.43	cps
Copper	63-2	34820	34931	34674	34808	0.37	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	83	58	75	72	17.62	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	67	108	50	75	40.06	cps
Gadolinium	160-2	17	23	0	13	90.13	cps
Holmium	165-1	12304149	11704381	12313952	12107494	2.88	cps
Holmium	165-2	2398904	2368248	2433927	2400360	1.37	cps
Indium	115-1	9193022	8654800	9144478	8997433	3.31	cps
Indium	115-2	337442	337759	344382	339861	1.15	cps
Iron	56-2	43230320	42861322	42518447	42870030	0.83	cps
Iron	57-2	1080067	1069606	1065092	1071588	0.72	cps
Krypton	83-1	290	260	347	299	14.73	cps
Lead	206-1	131091	130648	130104	130614	0.38	cps
Lead	207-1	108162	107216	108583	107987	0.65	cps
Lead	208-1	502403	505046	502361	503270	0.31	cps
Lithium	6-1	1857166	1796869	1860704	1838246	1.95	cps
Magnesium	24-2	2476786	2442165	2422137	2447029	1.13	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5128	5064	5104	5099	0.63	cps
Molybdenum	94-1	3845735	3844111	3862702	3850850	0.27	cps
Molybdenum	95-1	6286117	6353090	6314008	6317738	0.53	cps
Molybdenum	96-1	6839636	6851490	6752130	6814419	0.80	cps
Molybdenum	97-1	4059677	4067724	3976043	4034481	1.26	cps
Molybdenum	98-1	10105749	10171418	10094877	10124015	0.41	cps
Neodymium	150-1	20	53	20	31	61.87	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	10741	11305	10691	10912	3.12	cps
Phosphorus	31-2	29206	29707	29198	29370	0.99	cps
Potassium	39-2	1186199	1169706	1173728	1176544	0.73	cps
Rhodium	103-1	8355365	7927035	8310916	8197772	2.87	cps
Rhodium	103-2	2183510	2188179	2207362	2193017	0.58	cps
Scandium	45-1	5346000	5021177	5257170	5208116	3.22	cps
Scandium	45-2	38586	38610	39837	39011	1.83	cps
Selenium	77-2	17	10	0	9	94.38	cps
Selenium	78-2	41	30	26	32	24.01	cps
Selenium	82-1	1927	2040	1812	1926	5.94	cps
Silicon	28-1	521816	526688	527137	525214	0.56	cps
Silver	109-1	143609	144694	142574	143625	0.74	cps
Silver	107-1	149993	149683	147719	149132	0.83	cps
Sodium	23-2	5652928	5580455	5634191	5622525	0.67	cps
Strontium	86-1	174182	176670	176628	175826	0.81	cps
Strontium	88-1	1539611	1575829	1540695	1552045	1.33	cps
Sulfur	34-1	2223461	2218809	2220755	2221008	0.11	cps
Terbium	159-1	12655579	11849642	12619329	12374850	3.68	cps
Terbium	159-2	2251579	2266489	2309283	2275784	1.32	cps
Thallium	203-1	129959	131878	130263	130700	0.79	cps
Thallium	205-1	310498	313676	311932	312035	0.51	cps
Tin	118-1	290198	294043	292095	292112	0.66	cps
Titanium	47-1	1709686	1695895	1676556	1694045	0.98	cps
Uranium	238-1	1148637	1148708	1160655	1152667	0.60	cps
Vanadium	51-2	9740	9400	9697	9612	1.93	cps
Yttrium	89-1	9417930	9100619	9511740	9343430	2.31	cps
Yttrium	89-2	257916	259584	262054	259852	0.80	cps
Zinc	66-2	3274	3357	3287	3306	1.35	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:08:54	DataFile Name :	020ICSB_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	581329	591128	589172	587210	0.88	cps
Zirconium	91-1	130857	132153	130925	131311	0.56	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	266677	264435	263241	264784	0.66	cps
Antimony	121-1	3703048	3753698	3773241	3743329	0.97	cps
Arsenic	75-2	36186	37016	36658	36620	1.14	cps
Barium	135-1	4044100	4047844	4067991	4053312	0.32	cps
Barium	137-1	7100441	7023578	6988541	7037520	0.81	cps
Beryllium	9-1	519028	521101	523523	521218	0.43	cps
Bismuth	209-1	7576468	7567891	7597389	7580583	0.20	cps
Bismuth	209-2	1889090	1901190	1894683	1894988	0.32	cps
Boron	10-1	60905	62068	63667	62213	2.23	cps
Boron	11-1	280246	292714	299083	290681	3.30	cps
Cadmium	111-1	782351	770847	773778	775659	0.77	cps
Cadmium	106-1	84052	83500	82359	83304	1.04	cps
Cadmium	108-1	55489	55656	55455	55533	0.19	cps
Calcium	43-1	4141404	4151394	4192073	4161624	0.64	cps
Calcium	44-1	67725987	67529881	67973839	67743236	0.33	cps
Chromium	52-2	350789	352160	352696	351882	0.28	cps
Cobalt	59-2	732319	733527	736949	734265	0.33	cps
Copper	63-2	1222094	1225385	1228842	1225440	0.28	cps
Dysprosium	156-1	50	100	92	81	33.26	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	50	50	125	75	57.74	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	83	108	125	106	19.87	cps
Gadolinium	160-2	7	27	13	16	65.47	cps
Holmium	165-1	12330210	12289316	12339073	12319533	0.22	cps
Holmium	165-2	2439252	2435901	2442714	2439289	0.14	cps
Indium	115-1	9141265	9120891	9193589	9151915	0.41	cps
Indium	115-2	345817	349947	347332	347699	0.60	cps
Iron	56-2	56492282	56418994	56484569	56465282	0.07	cps
Iron	57-2	1411365	1404954	1412864	1409728	0.30	cps
Krypton	83-1	280	257	253	263	5.52	cps
Lead	206-1	2554016	2539563	2552188	2548589	0.31	cps
Lead	207-1	2357005	2329125	2295767	2327299	1.32	cps
Lead	208-1	10563605	10451836	10434098	10483180	0.67	cps
Lithium	6-1	1879238	1870108	1898963	1882770	0.78	cps
Magnesium	24-2	6641246	6548170	6634874	6608096	0.79	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185284	187172	187463	186640	0.63	cps
Molybdenum	94-1	6551914	6472033	6546032	6523326	0.68	cps
Molybdenum	95-1	7959860	7913247	7898507	7923871	0.40	cps
Molybdenum	96-1	8934078	8857535	8791265	8860959	0.81	cps
Molybdenum	97-1	5084211	5065329	5067042	5072194	0.21	cps
Molybdenum	98-1	12751874	12867286	12714704	12777955	0.62	cps
Neodymium	150-1	133	153	187	158	17.08	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	217027	218918	217833	217926	0.44	cps
Phosphorus	31-2	3284	3426	3401	3370	2.24	cps
Potassium	39-2	1606210	1632497	1612773	1617160	0.85	cps
Rhodium	103-1	8321905	8278129	8294459	8298165	0.27	cps
Rhodium	103-2	2199254	2219923	2204717	2207965	0.49	cps
Scandium	45-1	5443572	5432789	5571684	5482682	1.41	cps
Scandium	45-2	41491	40990	41391	41291	0.64	cps
Selenium	77-2	250	220	253	241	7.61	cps
Selenium	78-2	865	872	898	878	1.99	cps
Selenium	82-1	47405	48094	47295	47598	0.91	cps
Silicon	28-1	1942863	1942503	1946568	1943978	0.12	cps
Silver	109-1	3679541	3676073	3712928	3689514	0.55	cps
Silver	107-1	3913153	3832555	3877718	3874476	1.04	cps
Sodium	23-2	14995380	15071077	15105371	15057276	0.37	cps
Strontium	86-1	1010131	1009094	1002046	1007090	0.44	cps
Strontium	88-1	8703794	8633361	8667725	8668293	0.41	cps
Sulfur	34-1	558029	559795	565821	561215	0.73	cps
Terbium	159-1	12739254	12622053	12529120	12630142	0.83	cps
Terbium	159-2	2309573	2318641	2295505	2307906	0.51	cps
Thallium	203-1	3137930	3105154	3111665	3118249	0.56	cps
Thallium	205-1	7513340	7358104	7370224	7413889	1.16	cps
Tin	118-1	2673667	2643046	2659872	2658862	0.58	cps
Titanium	47-1	2131036	2097157	2130844	2119679	0.92	cps
Uranium	238-1	10316510	10265359	10127478	10236449	0.96	cps
Vanadium	51-2	257114	256347	254412	255958	0.54	cps
Yttrium	89-1	9619807	9549191	9694547	9621182	0.76	cps
Yttrium	89-2	268398	271643	270401	270147	0.61	cps
Zinc	66-2	101095	102297	102502	101965	0.75	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:12:09	DataFile Name :	021CCV_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5446309	5417664	5439327	5434433	0.27	cps
Zirconium	91-1	1198512	1198519	1197733	1198255	0.04	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	1684	1425	1575	1561	8.31	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	117	50	92	86	39.11	cps
Beryllium	9-1	83	89	117	96	18.54	cps
Bismuth	209-1	7608196	7981500	7970276	7853324	2.70	cps
Bismuth	209-2	2022986	2020407	1678701	1907365	10.38	cps
Boron	10-1	800	783	883	822	6.52	cps
Boron	11-1	3584	3717	3751	3684	2.39	cps
Cadmium	111-1	1014	1125	1317	1152	13.29	cps
Cadmium	106-1	1433	1592	1884	1636	13.95	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	508	417	442	456	10.40	cps
Calcium	44-1	15551	15910	15384	15615	1.72	cps
Chromium	52-2	437	463	490	463	5.76	cps
Cobalt	59-2	63	57	73	64	13.01	cps
Copper	63-2	353	370	287	337	13.10	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	42	17	83	47	71.32	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	11643985	12218032	12201096	12021038	2.72	cps
Holmium	165-2	2444562	2429752	2035566	2303293	10.07	cps
Indium	115-1	9080766	9455046	9467528	9334447	2.35	cps
Indium	115-2	362896	363031	301730	342552	10.32	cps
Iron	56-2	1583	1456	1356	1465	7.79	cps
Iron	57-2	33	56	39	43	27.16	cps
Krypton	83-1	253	343	283	293	15.62	cps
Lead	206-1	539	444	461	482	10.47	cps
Lead	207-1	433	400	450	428	5.95	cps
Lead	208-1	2006	1900	1967	1958	2.73	cps
Lithium	6-1	1868731	1943393	1968764	1926963	2.70	cps
Magnesium	24-2	233	292	200	242	19.20	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	40	20	29	35.25	cps
Molybdenum	94-1	842	917	800	853	6.93	cps
Molybdenum	95-1	683	542	575	600	12.34	cps
Molybdenum	96-1	992	833	825	883	10.63	cps
Molybdenum	97-1	442	425	300	389	19.91	cps
Molybdenum	98-1	1100	858	1025	995	12.44	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	90	80	81	10.34	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2192	2225	1809	2075	11.16	cps
Rhodium	103-1	8446025	8841856	8879342	8722408	2.75	cps
Rhodium	103-2	2356737	2366341	1981838	2234972	9.81	cps
Scandium	45-1	5261093	5567638	5553353	5460695	3.17	cps
Scandium	45-2	41832	39883	34282	38666	10.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	22	-57	-3	-13	-317.90	cps
Silicon	28-1	241261	237729	241896	240296	0.93	cps
Silver	109-1	192	92	217	167	39.69	cps
Silver	107-1	175	167	142	161	10.77	cps
Sodium	23-2	6043	5501	6027	5857	5.26	cps
Strontium	86-1	583	508	408	500	17.56	cps
Strontium	88-1	167	200	208	192	11.51	cps
Sulfur	34-1	337637	334702	334782	335707	0.50	cps
Terbium	159-1	12092518	12517361	12572521	12394133	2.12	cps
Terbium	159-2	2323260	2304042	1943300	2190201	9.77	cps
Thallium	203-1	425	300	492	406	23.99	cps
Thallium	205-1	950	1017	942	970	4.24	cps
Tin	118-1	1175	1200	1125	1167	3.27	cps
Titanium	47-1	158	208	158	175	16.50	cps
Uranium	238-1	42	58	50	50	16.67	cps
Vanadium	51-2	0	7	13	7	99.98	cps
Yttrium	89-1	9254801	9736710	9824126	9605212	3.19	cps
Yttrium	89-2	271885	269660	227494	256346	9.76	cps
Zinc	66-2	70	123	53	82	44.48	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:31:20	DataFile Name :	022CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1442	1442	1425	1436	0.67	cps
Zirconium	91-1	383	342	333	353	7.59	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	133	122	15.75	cps
Antimony	121-1	14901	14725	15351	14992	2.15	cps
Arsenic	75-2	69	74	69	70	4.55	cps
Barium	135-1	15243	15234	15560	15346	1.21	cps
Barium	137-1	26987	27321	28022	27443	1.93	cps
Beryllium	9-1	1095	1233	1061	1130	8.09	cps
Bismuth	209-1	8002302	7620338	7275780	7632807	4.76	cps
Bismuth	209-2	2039671	2010424	2007398	2019164	0.88	cps
Boron	10-1	3526	3784	3826	3712	4.38	cps
Boron	11-1	15292	16644	16885	16274	5.28	cps
Cadmium	111-1	2843	2707	3011	2854	5.35	cps
Cadmium	106-1	2000	1834	1925	1920	4.35	cps
Cadmium	108-1	88	146	100	111	27.64	cps
Calcium	43-1	8111	8378	8920	8470	4.87	cps
Calcium	44-1	146700	146382	146574	146552	0.11	cps
Chromium	52-2	1950	1883	1760	1865	5.17	cps
Cobalt	59-2	1580	1480	1623	1561	4.71	cps
Copper	63-2	2967	2874	2667	2836	5.41	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	83	42	58	61	34.32	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	12334551	11718141	11185507	11746066	4.90	cps
Holmium	165-2	2409515	2413619	2414504	2412546	0.11	cps
Indium	115-1	9650225	9109535	8638446	9132735	5.54	cps
Indium	115-2	360934	355236	355870	357347	0.87	cps
Iron	56-2	24706	24617	23810	24377	2.02	cps
Iron	57-2	650	700	711	687	4.74	cps
Krypton	83-1	290	317	287	298	5.52	cps
Lead	206-1	5285	5557	5301	5381	2.84	cps
Lead	207-1	5012	4757	5023	4931	3.06	cps
Lead	208-1	22208	22175	22186	22190	0.08	cps
Lithium	6-1	1970367	1881792	1801032	1884397	4.49	cps
Magnesium	24-2	12748	13182	13132	13020	1.82	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	287	250	256	11.24	cps
Molybdenum	94-1	13833	13833	13758	13808	0.31	cps
Molybdenum	95-1	15568	15243	16085	15632	2.72	cps
Molybdenum	96-1	17304	17996	17078	17459	2.74	cps
Molybdenum	97-1	10204	10321	10354	10293	0.77	cps
Molybdenum	98-1	25533	25283	25867	25561	1.15	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	533	633	590	8.70	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8461	7911	8244	8206	3.38	cps
Rhodium	103-1	8915012	8500619	8079349	8498327	4.92	cps
Rhodium	103-2	2304818	2339495	2298664	2314326	0.95	cps
Scandium	45-1	5639016	5235911	5060363	5311763	5.59	cps
Scandium	45-2	40930	39569	40653	40384	1.78	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	11	19	6	12	55.43	cps
Selenium	82-1	429	533	476	479	10.88	cps
Silicon	28-1	290835	289381	293719	291312	0.76	cps
Silver	109-1	7803	7494	7811	7703	2.34	cps
Silver	107-1	8395	8762	7769	8308	6.04	cps
Sodium	23-2	34300	34200	35094	34532	1.42	cps
Strontium	86-1	2242	2367	2475	2361	4.95	cps
Strontium	88-1	16752	16627	16753	16711	0.43	cps
Sulfur	34-1	338638	336316	333462	336139	0.77	cps
Terbium	159-1	12774955	12105532	11509652	12130046	5.22	cps
Terbium	159-2	2352465	2303669	2277564	2311232	1.64	cps
Thallium	203-1	6052	6227	6811	6363	6.24	cps
Thallium	205-1	16269	15635	16086	15997	2.04	cps
Tin	118-1	27295	26043	26561	26633	2.36	cps
Titanium	47-1	3967	4151	4334	4151	4.42	cps
Uranium	238-1	19458	20534	19758	19917	2.79	cps
Vanadium	51-2	2610	2534	2447	2530	3.23	cps
Yttrium	89-1	9940462	9378493	9026386	9448447	4.88	cps
Yttrium	89-2	269935	271202	266889	269342	0.82	cps
Zinc	66-2	380	300	343	341	11.74	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:34:39	DataFile Name :	023SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13632	14292	14183	14036	2.52	cps
Zirconium	91-1	2859	3234	2925	3006	6.66	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	233	175	219	17.95	cps
Antimony	121-1	28824	28991	28941	28918	0.30	cps
Arsenic	75-2	152	126	150	143	10.14	cps
Barium	135-1	30277	29751	29367	29798	1.53	cps
Barium	137-1	53961	53116	52790	53289	1.13	cps
Beryllium	9-1	2206	2106	2217	2176	2.81	cps
Bismuth	209-1	7835348	7703892	7733569	7757603	0.89	cps
Bismuth	209-2	2002151	2039823	2014982	2018986	0.95	cps
Boron	10-1	5743	6293	6577	6204	6.83	cps
Boron	11-1	28672	29949	30634	29751	3.35	cps
Cadmium	111-1	4435	4266	4641	4447	4.22	cps
Cadmium	106-1	2100	2025	2250	2125	5.39	cps
Cadmium	108-1	200	217	204	207	4.19	cps
Calcium	43-1	15868	15734	16560	16054	2.76	cps
Calcium	44-1	273559	273255	272398	273071	0.22	cps
Chromium	52-2	3370	3257	3394	3340	2.19	cps
Cobalt	59-2	3000	2854	3037	2964	3.27	cps
Copper	63-2	5685	5444	5491	5540	2.30	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	3	27	7	12	103.26	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	12238417	11803557	11913880	11985285	1.89	cps
Holmium	165-2	2418395	2431261	2436642	2428766	0.39	cps
Indium	115-1	9333618	9254277	9251992	9279962	0.50	cps
Indium	115-2	354481	357511	359616	357203	0.72	cps
Iron	56-2	200110	197140	199956	199069	0.84	cps
Iron	57-2	5212	5079	5279	5190	1.96	cps
Krypton	83-1	330	303	337	323	5.46	cps
Lead	206-1	10182	10488	9993	10221	2.44	cps
Lead	207-1	9343	9432	9559	9445	1.15	cps
Lead	208-1	41416	42568	42012	41999	1.37	cps
Lithium	6-1	1943965	1882098	1930525	1918863	1.70	cps
Magnesium	24-2	25649	24647	24288	24861	2.84	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	443	503	449	11.56	cps
Molybdenum	94-1	26619	26969	25926	26504	2.00	cps
Molybdenum	95-1	30060	30126	30827	30338	1.40	cps
Molybdenum	96-1	34253	33902	33634	33930	0.91	cps
Molybdenum	97-1	19373	18547	19173	19031	2.26	cps
Molybdenum	98-1	49742	48756	47969	48822	1.82	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1130	1020	1023	1058	5.92	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	14967	14650	13741	14452	4.40	cps
Rhodium	103-1	8847527	8571575	8762303	8727135	1.62	cps
Rhodium	103-2	2308514	2346820	2340698	2332011	0.88	cps
Scandium	45-1	5456098	5292389	5388598	5379028	1.53	cps
Scandium	45-2	40378	41033	40565	40659	0.83	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	13	20	24	19	29.57	cps
Selenium	82-1	944	957	893	931	3.64	cps
Silicon	28-1	337484	341453	339634	339524	0.59	cps
Silver	109-1	15168	15009	15760	15312	2.59	cps
Silver	107-1	15968	15401	16052	15807	2.24	cps
Sodium	23-2	63291	63878	64271	63813	0.77	cps
Strontium	86-1	4134	4093	4534	4254	5.73	cps
Strontium	88-1	33751	34420	33584	33918	1.30	cps
Sulfur	34-1	336512	337620	337237	337123	0.17	cps
Terbium	159-1	12511723	12095051	12243728	12283501	1.72	cps
Terbium	159-2	2323208	2280650	2316135	2306664	0.99	cps
Thallium	203-1	12006	12665	12874	12515	3.62	cps
Thallium	205-1	30664	30446	30229	30446	0.71	cps
Tin	118-1	51091	52387	50781	51420	1.66	cps
Titanium	47-1	8286	8486	7886	8219	3.72	cps
Uranium	238-1	38101	39523	39004	38876	1.85	cps
Vanadium	51-2	4888	4721	4764	4791	1.81	cps
Yttrium	89-1	9667117	9520728	9631247	9606364	0.79	cps
Yttrium	89-2	268870	269228	272449	270182	0.73	cps
Zinc	66-2	563	477	610	550	12.30	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BS	Instrumnet Name :	P8
Client Sample ID :	PB111063BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:37:59	DataFile Name :	024CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	25166	25758	23922	24949	3.76	cps
Zirconium	91-1	5827	5176	5310	5437	6.32	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	8	11	114.58	cps
Antimony	121-1	550	458	417	475	14.36	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	58	8	17	28	96.44	cps
Barium	137-1	50	42	50	47	10.18	cps
Beryllium	9-1	61	83	67	70	16.44	cps
Bismuth	209-1	7921777	7856807	7826928	7868504	0.62	cps
Bismuth	209-2	2035515	1867873	1984790	1962726	4.38	cps
Boron	10-1	992	892	1142	1008	12.48	cps
Boron	11-1	4634	4493	4101	4409	6.27	cps
Cadmium	111-1	1353	1128	1364	1282	10.38	cps
Cadmium	106-1	1925	1617	1934	1825	9.89	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	317	400	350	356	11.80	cps
Calcium	44-1	14842	14717	14174	14578	2.43	cps
Chromium	52-2	480	427	423	443	7.17	cps
Cobalt	59-2	83	63	70	72	14.11	cps
Copper	63-2	277	350	367	331	14.46	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	58	8	36	70.51	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	67	117	67	83	34.64	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	12132243	12136166	11927210	12065206	0.99	cps
Holmium	165-2	2442833	2233533	2385807	2354057	4.60	cps
Indium	115-1	9419529	9361178	9297888	9359531	0.65	cps
Indium	115-2	361235	332754	352202	348730	4.17	cps
Iron	56-2	1222	1433	1500	1385	10.47	cps
Iron	57-2	39	44	11	31	56.73	cps
Krypton	83-1	267	243	283	264	7.60	cps
Lead	206-1	367	533	394	432	20.70	cps
Lead	207-1	322	356	439	372	16.14	cps
Lead	208-1	1678	1750	1750	1726	2.42	cps
Lithium	6-1	1945787	1963311	1896788	1935296	1.78	cps
Magnesium	24-2	175	292	192	219	28.76	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	33	20	23	37.78	cps
Molybdenum	94-1	733	600	500	611	19.16	cps
Molybdenum	95-1	367	292	292	317	13.68	cps
Molybdenum	96-1	250	433	417	367	27.65	cps
Molybdenum	97-1	158	208	158	175	16.50	cps
Molybdenum	98-1	592	400	475	489	19.76	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	77	77	88	21.92	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2142	1975	1925	2014	5.63	cps
Rhodium	103-1	8875102	8807564	8685730	8789465	1.09	cps
Rhodium	103-2	2337496	2160777	2309227	2269166	4.18	cps
Scandium	45-1	5454013	5464594	5379283	5432630	0.86	cps
Scandium	45-2	40686	36916	38874	38825	4.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	20	39	2	20	92.35	cps
Silicon	28-1	240939	242367	241525	241610	0.30	cps
Silver	109-1	100	58	75	78	26.96	cps
Silver	107-1	42	92	100	78	40.56	cps
Sodium	23-2	5626	5201	5868	5565	6.07	cps
Strontium	86-1	458	383	575	472	20.45	cps
Strontium	88-1	142	200	133	158	22.94	cps
Sulfur	34-1	340575	341971	337961	340169	0.60	cps
Terbium	159-1	12598122	12496580	12355100	12483267	0.98	cps
Terbium	159-2	2326769	2129075	2280633	2245492	4.61	cps
Thallium	203-1	358	342	383	361	5.81	cps
Thallium	205-1	858	875	958	897	5.97	cps
Tin	118-1	1108	1117	1225	1150	5.66	cps
Titanium	47-1	150	83	150	128	30.12	cps
Uranium	238-1	58	25	50	44	39.04	cps
Vanadium	51-2	10	20	7	12	56.76	cps
Yttrium	89-1	9806637	9626160	9551704	9661500	1.36	cps
Yttrium	89-2	271377	250693	264116	262062	4.00	cps
Zinc	66-2	40	40	47	42	9.12	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111063BL	Instrumnet Name :	P8
Client Sample ID :	PB111063BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:41:19	DataFile Name :	025LCSE_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1058	1158	1150	7.63	cps
Zirconium	91-1	250	233	242	242	3.45	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	67	67	12.49	cps
Antimony	121-1	1750	1800	1859	1803	3.01	cps
Arsenic	75-2	4	4	11	6	69.34	cps
Barium	135-1	10847	10146	9879	10291	4.86	cps
Barium	137-1	17612	17713	18647	17991	3.17	cps
Beryllium	9-1	61	72	44	59	23.59	cps
Bismuth	209-1	8619625	8519479	8585357	8574821	0.59	cps
Bismuth	209-2	2126956	2127938	2142383	2132425	0.41	cps
Boron	10-1	10104	10229	9871	10068	1.81	cps
Boron	11-1	48684	49001	50557	49414	2.03	cps
Cadmium	111-1	1448	1561	1308	1439	8.79	cps
Cadmium	106-1	1975	2109	1792	1959	8.12	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	69991	67077	65880	67650	3.13	cps
Calcium	44-1	1132746	1125105	1112513	1123455	0.91	cps
Chromium	52-2	427	410	530	456	14.27	cps
Cobalt	59-2	70	70	80	73	7.87	cps
Copper	63-2	1330	1393	1463	1396	4.78	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	100	33	83	72	48.03	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	13364340	13270524	13088962	13241275	1.06	cps
Holmium	165-2	2574872	2533200	2556095	2554722	0.82	cps
Indium	115-1	10300406	10210665	10171027	10227366	0.65	cps
Indium	115-2	375004	368688	368109	370600	1.03	cps
Iron	56-2	1689	1995	2028	1904	9.81	cps
Iron	57-2	22	78	44	48	58.08	cps
Krypton	83-1	280	313	327	307	7.84	cps
Lead	206-1	1322	1422	1322	1356	4.26	cps
Lead	207-1	1128	1106	967	1067	8.19	cps
Lead	208-1	5312	5212	4895	5139	4.23	cps
Lithium	6-1	2132872	2126069	2082776	2113906	1.29	cps
Magnesium	24-2	28889	27202	27803	27965	3.06	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2404	2397	2380	2394	0.50	cps
Molybdenum	94-1	400	592	508	500	19.22	cps
Molybdenum	95-1	258	233	233	242	5.97	cps
Molybdenum	96-1	350	433	258	347	25.21	cps
Molybdenum	97-1	167	167	142	158	9.12	cps
Molybdenum	98-1	392	375	400	389	3.27	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	310	323	310	314	2.45	cps
Phosphorus	31-2	75	58	50	61	20.83	cps
Potassium	39-2	12539	12515	12640	12564	0.53	cps
Rhodium	103-1	9570766	9521415	9341911	9478031	1.27	cps
Rhodium	103-2	2470209	2439394	2465177	2458260	0.67	cps
Scandium	45-1	5916455	5889338	5761305	5855699	1.42	cps
Scandium	45-2	41548	40977	41117	41214	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-6	-58	-35	-33	-78.77	cps
Silicon	28-1	9446209	9337283	9215796	9333096	1.23	cps
Silver	109-1	817	1208	1659	1228	34.30	cps
Silver	107-1	1008	1317	1900	1408	32.16	cps
Sodium	23-2	893497	880649	866538	880228	1.53	cps
Strontium	86-1	52093	53556	52803	52817	1.39	cps
Strontium	88-1	457562	452349	446687	452200	1.20	cps
Sulfur	34-1	322146	320246	318011	320134	0.65	cps
Terbium	159-1	13652214	13666102	13569268	13629195	0.38	cps
Terbium	159-2	2441522	2416118	2440941	2432860	0.60	cps
Thallium	203-1	925	1108	883	972	12.31	cps
Thallium	205-1	2342	2700	2542	2528	7.11	cps
Tin	118-1	2659	2750	2609	2673	2.69	cps
Titanium	47-1	233	283	317	278	15.10	cps
Uranium	238-1	17	17	33	22	43.28	cps
Vanadium	51-2	40	23	20	28	38.58	cps
Yttrium	89-1	10521419	10520335	10384899	10475551	0.75	cps
Yttrium	89-2	280410	274763	277133	277435	1.02	cps
Zinc	66-2	2104	2087	2050	2080	1.31	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-01	Instrumnet Name :	P8
Client Sample ID :	MC0AC4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:44:38	DataFile Name :	026SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	858	983	908	7.28	cps
Zirconium	91-1	225	233	158	206	20.00	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	8	31	83.33	cps
Antimony	121-1	1167	1050	825	1014	17.13	cps
Arsenic	75-2	6	0	7	4	89.21	cps
Barium	135-1	3951	3742	3909	3867	2.85	cps
Barium	137-1	6519	6502	6810	6610	2.62	cps
Beryllium	9-1	83	94	56	78	25.75	cps
Bismuth	209-1	8626448	8634499	8588947	8616631	0.28	cps
Bismuth	209-2	2114414	2072591	2140843	2109282	1.63	cps
Boron	10-1	5110	4826	5268	5068	4.42	cps
Boron	11-1	24756	25457	24981	25064	1.43	cps
Cadmium	111-1	1410	1285	1506	1400	7.94	cps
Cadmium	106-1	2000	1792	2034	1942	6.75	cps
Cadmium	108-1	33	4	13	17	90.12	cps
Calcium	43-1	36707	35454	35337	35833	2.12	cps
Calcium	44-1	610701	603398	601389	605163	0.81	cps
Chromium	52-2	510	520	423	484	10.97	cps
Cobalt	59-2	97	107	60	88	27.99	cps
Copper	63-2	25290	24983	25023	25098	0.67	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	13367574	13523257	13137622	13342817	1.45	cps
Holmium	165-2	2546746	2494705	2533676	2525042	1.07	cps
Indium	115-1	10048524	9979995	9982666	10003728	0.39	cps
Indium	115-2	358112	353368	357771	356417	0.74	cps
Iron	56-2	1550	1745	1645	1646	5.91	cps
Iron	57-2	50	39	50	46	13.85	cps
Krypton	83-1	280	293	267	280	4.76	cps
Lead	206-1	2161	2189	2050	2134	3.45	cps
Lead	207-1	1761	1828	1806	1798	1.89	cps
Lead	208-1	8479	8362	8474	8438	0.78	cps
Lithium	6-1	2017298	2025497	2002773	2015189	0.57	cps
Magnesium	24-2	20991	21575	21141	21236	1.43	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377	380	350	369	4.46	cps
Molybdenum	94-1	683	775	683	714	7.41	cps
Molybdenum	95-1	233	217	175	208	14.42	cps
Molybdenum	96-1	433	350	508	431	18.40	cps
Molybdenum	97-1	175	158	158	164	5.87	cps
Molybdenum	98-1	517	408	425	450	12.96	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	120	120	136	19.88	cps
Phosphorus	31-2	25	33	8	22	57.29	cps
Potassium	39-2	5335	5143	5235	5237	1.83	cps
Rhodium	103-1	9131532	9193762	9092840	9139378	0.56	cps
Rhodium	103-2	2379490	2347741	2319077	2348769	1.29	cps
Scandium	45-1	5612928	5697808	5589284	5633340	1.01	cps
Scandium	45-2	39475	38670	39783	39309	1.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	157	135	170	154	11.57	cps
Silicon	28-1	21300517	20986452	20821264	21036078	1.16	cps
Silver	109-1	1509	1900	2025	1811	14.88	cps
Silver	107-1	1850	1800	2209	1953	11.41	cps
Sodium	23-2	8958027	8886983	8885839	8910283	0.46	cps
Strontium	86-1	8586	8678	8403	8556	1.64	cps
Strontium	88-1	72836	70892	71605	71778	1.37	cps
Sulfur	34-1	656640	645946	647512	650033	0.89	cps
Terbium	159-1	13809902	13785814	13487812	13694510	1.31	cps
Terbium	159-2	2397424	2387748	2404128	2396433	0.34	cps
Thallium	203-1	792	783	742	772	3.47	cps
Thallium	205-1	1609	1725	1884	1739	7.94	cps
Tin	118-1	3151	3009	2784	2981	6.20	cps
Titanium	47-1	225	283	283	264	12.76	cps
Uranium	238-1	42	58	33	44	28.65	cps
Vanadium	51-2	47	33	27	36	28.64	cps
Yttrium	89-1	10275708	10297007	10136340	10236351	0.85	cps
Yttrium	89-2	268506	264916	266575	266666	0.67	cps
Zinc	66-2	1427	1443	1437	1436	0.58	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-02	Instrumnet Name :	P8
Client Sample ID :	MC0AC5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:47:57	DataFile Name :	027SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1125	1408	1336	13.91	cps
Zirconium	91-1	308	292	308	303	3.18	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3962-03 Instrumnet Name : P8
 Client Sample ID : MC0AC6 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 14:51:17 DataFile Name : 028SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	0	33	114.56	cps
Antimony	121-1	1108	867	1133	1036	14.21	cps
Arsenic	75-2	7	15	13	12	32.84	cps
Barium	135-1	1759	1600	1667	1675	4.75	cps
Barium	137-1	3159	2742	2892	2931	7.20	cps
Beryllium	9-1	78	61	61	67	14.44	cps
Bismuth	209-1	8662327	7528363	8441949	8210880	7.32	cps
Bismuth	209-2	2078355	2090713	2086296	2085121	0.30	cps
Boron	10-1	5485	5876	5643	5668	3.48	cps
Boron	11-1	26141	26475	26993	26537	1.62	cps
Cadmium	111-1	1270	1198	1185	1218	3.77	cps
Cadmium	106-1	1784	1650	1650	1695	4.54	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	17403	16936	17562	17300	1.88	cps
Calcium	44-1	297951	298774	295501	297409	0.57	cps
Chromium	52-2	510	477	507	498	3.69	cps
Cobalt	59-2	30	57	43	43	30.77	cps
Copper	63-2	1017	1063	1050	1043	2.30	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	25	25	92	47	81.51	cps
Gadolinium	160-2	10	13	27	17	52.93	cps
Holmium	165-1	13424725	11665489	13017158	12702457	7.25	cps
Holmium	165-2	2537704	2547359	2480080	2521714	1.44	cps
Indium	115-1	10049988	8681933	9802941	9511620	7.67	cps
Indium	115-2	353741	354107	354104	353984	0.06	cps
Iron	56-2	2139	1861	1778	1926	9.82	cps
Iron	57-2	56	89	56	67	28.86	cps
Krypton	83-1	300	247	303	283	11.22	cps
Lead	206-1	956	872	939	922	4.78	cps
Lead	207-1	767	789	667	741	8.79	cps
Lead	208-1	3423	3673	3778	3624	5.04	cps
Lithium	6-1	2010501	1718941	1953502	1894315	8.16	cps
Magnesium	24-2	8611	7928	8153	8231	4.23	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:51:17	DataFile Name :	028SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147	140	113	133	13.23	cps
Molybdenum	94-1	725	533	667	642	15.31	cps
Molybdenum	95-1	175	342	283	267	31.71	cps
Molybdenum	96-1	333	425	433	397	13.97	cps
Molybdenum	97-1	100	183	225	169	37.56	cps
Molybdenum	98-1	358	400	425	394	8.54	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	137	123	143	16.77	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	4918	4993	4909	4940	0.93	cps
Rhodium	103-1	9136519	7969722	8888388	8664876	7.09	cps
Rhodium	103-2	2343585	2299616	2345001	2329400	1.11	cps
Scandium	45-1	5578272	4890972	5342622	5270622	6.63	cps
Scandium	45-2	39175	38209	38804	38729	1.26	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	9	2	4	99.03	cps
Selenium	82-1	195	226	202	208	7.90	cps
Silicon	28-1	24018166	24180227	23811421	24003271	0.77	cps
Silver	109-1	1325	1433	1325	1361	4.60	cps
Silver	107-1	1492	1433	1734	1553	10.24	cps
Sodium	23-2	9938519	9873903	9845529	9885984	0.48	cps
Strontium	86-1	4468	4443	4093	4334	4.84	cps
Strontium	88-1	34938	35422	34745	35035	1.00	cps
Sulfur	34-1	747161	740522	736668	741450	0.72	cps
Terbium	159-1	13777251	11928654	13316248	13007384	7.40	cps
Terbium	159-2	2379592	2398854	2387368	2388605	0.41	cps
Thallium	203-1	433	450	500	461	7.52	cps
Thallium	205-1	1108	933	992	1011	8.81	cps
Tin	118-1	3034	3309	2934	3092	6.28	cps
Titanium	47-1	383	317	400	367	12.03	cps
Uranium	238-1	42	67	33	47	36.74	cps
Vanadium	51-2	77	87	70	78	10.79	cps
Yttrium	89-1	10179780	8889795	9930248	9666607	7.08	cps
Yttrium	89-2	265277	264599	265389	265088	0.16	cps
Zinc	66-2	710	697	723	710	1.88	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03	Instrumnet Name :	P8
Client Sample ID :	MC0AC6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:51:17	DataFile Name :	028SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1367	1367	1267	1333	4.33	cps
Zirconium	91-1	267	300	283	283	5.88	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	50	44	21.66	cps
Antimony	121-1	1017	1125	850	997	13.89	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	1675	1517	1625	1606	5.04	cps
Barium	137-1	2725	3000	2909	2878	4.87	cps
Beryllium	9-1	89	94	61	81	21.92	cps
Bismuth	209-1	8647823	8624051	8515794	8595889	0.82	cps
Bismuth	209-2	2087334	1917534	2065486	2023451	4.57	cps
Boron	10-1	5193	5601	5668	5487	4.69	cps
Boron	11-1	25832	27603	27502	26979	3.69	cps
Cadmium	111-1	1245	1313	1344	1301	3.90	cps
Cadmium	106-1	1775	1859	1884	1839	3.09	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	17737	17754	16902	17464	2.79	cps
Calcium	44-1	301177	293545	298693	297805	1.31	cps
Chromium	52-2	453	400	513	456	12.45	cps
Cobalt	59-2	50	27	37	38	30.98	cps
Copper	63-2	1053	983	873	970	9.35	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	13382125	13315556	13084552	13260744	1.18	cps
Holmium	165-2	2531078	2324682	2518587	2458116	4.71	cps
Indium	115-1	9854385	9934374	9795012	9861257	0.71	cps
Indium	115-2	358461	328243	350808	345837	4.54	cps
Iron	56-2	1900	1945	1778	1874	4.61	cps
Iron	57-2	61	50	56	56	10.00	cps
Krypton	83-1	250	270	293	271	8.00	cps
Lead	206-1	744	833	872	817	8.02	cps
Lead	207-1	744	728	617	696	9.98	cps
Lead	208-1	3300	3384	3256	3313	1.96	cps
Lithium	6-1	1970965	2027127	1959141	1985744	1.83	cps
Magnesium	24-2	8311	8436	8253	8333	1.13	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	170	127	137	21.68	cps
Molybdenum	94-1	592	625	592	603	3.19	cps
Molybdenum	95-1	183	158	217	186	15.73	cps
Molybdenum	96-1	308	267	342	306	12.30	cps
Molybdenum	97-1	175	158	192	175	9.53	cps
Molybdenum	98-1	333	300	333	322	5.97	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	173	117	132	27.19	cps
Phosphorus	31-2	8	17	33	19	65.47	cps
Potassium	39-2	4784	4559	4768	4704	2.67	cps
Rhodium	103-1	8999692	9114647	8901791	9005377	1.18	cps
Rhodium	103-2	2335949	2160175	2312672	2269599	4.21	cps
Scandium	45-1	5483092	5495899	5479776	5486256	0.16	cps
Scandium	45-2	39813	35766	38797	38125	5.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	228	229	215	224	3.35	cps
Silicon	28-1	23998719	23877471	23796790	23890993	0.43	cps
Silver	109-1	1283	1217	1408	1303	7.47	cps
Silver	107-1	1233	1208	1408	1283	8.49	cps
Sodium	23-2	9988194	9923608	9793375	9901726	1.00	cps
Strontium	86-1	4292	4509	4593	4465	3.47	cps
Strontium	88-1	33893	33910	35280	34361	2.32	cps
Sulfur	34-1	742720	732148	736087	736985	0.72	cps
Terbium	159-1	13636354	13694854	13483049	13604752	0.80	cps
Terbium	159-2	2420785	2181641	2337880	2313435	5.25	cps
Thallium	203-1	325	258	300	294	11.44	cps
Thallium	205-1	658	667	633	653	2.66	cps
Tin	118-1	2884	2859	3109	2950	4.67	cps
Titanium	47-1	258	258	383	300	24.06	cps
Uranium	238-1	58	17	17	31	78.72	cps
Vanadium	51-2	133	80	80	98	31.50	cps
Yttrium	89-1	9989626	10074448	10093985	10052686	0.55	cps
Yttrium	89-2	267164	244446	263613	258407	4.73	cps
Zinc	66-2	713	690	747	717	3.97	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-04	Instrumnet Name :	P8
Client Sample ID :	MC0AC6D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 14:54:36	DataFile Name :	029SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1167	1425	1492	1361	12.61	cps
Zirconium	91-1	250	275	258	261	4.88	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	542	517	600	553	7.74	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	408	333	325	356	12.91	cps
Barium	137-1	658	667	658	661	0.73	cps
Beryllium	9-1	72	28	44	48	46.62	cps
Bismuth	209-1	7474664	7887020	8108782	7823488	4.11	cps
Bismuth	209-2	2005158	1999373	2000681	2001737	0.15	cps
Boron	10-1	1650	1625	1950	1742	10.38	cps
Boron	11-1	8044	7911	8394	8117	3.08	cps
Cadmium	111-1	1063	1176	1301	1180	10.05	cps
Cadmium	106-1	1483	1650	1859	1664	11.29	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	3467	3509	3517	3498	0.77	cps
Calcium	44-1	65864	67245	66014	66374	1.14	cps
Chromium	52-2	483	420	430	444	7.66	cps
Cobalt	59-2	37	37	33	36	5.42	cps
Copper	63-2	637	647	680	654	3.47	cps
Dysprosium	156-1	8	8	58	25	115.49	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	8	42	33	66.15	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	11303722	12146025	12474824	11974857	5.04	cps
Holmium	165-2	2407912	2385947	2371613	2388491	0.77	cps
Indium	115-1	8554320	9248544	9326273	9043046	4.70	cps
Indium	115-2	347685	340360	341174	343073	1.17	cps
Iron	56-2	1328	1095	1295	1239	10.19	cps
Iron	57-2	17	17	17	17	0.00	cps
Krypton	83-1	277	320	330	309	9.18	cps
Lead	206-1	400	339	439	393	12.84	cps
Lead	207-1	372	317	417	369	13.60	cps
Lead	208-1	1706	1517	1656	1626	6.02	cps
Lithium	6-1	1691156	1830439	1829501	1783699	4.49	cps
Magnesium	24-2	1809	1859	1642	1770	6.41	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	63	50	48	35.11	cps
Molybdenum	94-1	308	483	417	403	21.93	cps
Molybdenum	95-1	142	133	133	136	3.53	cps
Molybdenum	96-1	217	242	242	233	6.19	cps
Molybdenum	97-1	142	183	83	136	36.90	cps
Molybdenum	98-1	225	342	208	258	28.12	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	83	91	9.20	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2567	2400	2392	2453	4.02	cps
Rhodium	103-1	7875495	8546585	8662470	8361517	5.08	cps
Rhodium	103-2	2287303	2254942	2263577	2268607	0.74	cps
Scandium	45-1	4795625	5124520	5252456	5057534	4.66	cps
Scandium	45-2	37376	37560	36344	37094	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	32	5	-34	1	3344.72	cps
Silicon	28-1	4634316	4611419	4621544	4622426	0.25	cps
Silver	109-1	725	542	708	658	15.40	cps
Silver	107-1	733	658	842	745	12.38	cps
Sodium	23-2	1900192	1875220	1878100	1884504	0.72	cps
Strontium	86-1	1175	1175	1208	1186	1.62	cps
Strontium	88-1	6552	6735	6944	6744	2.91	cps
Sulfur	34-1	366398	368437	369681	368172	0.45	cps
Terbium	159-1	11717701	12546964	12651858	12305508	4.16	cps
Terbium	159-2	2295049	2259364	2269994	2274802	0.81	cps
Thallium	203-1	167	167	158	164	2.94	cps
Thallium	205-1	475	367	367	403	15.53	cps
Tin	118-1	1108	1108	1033	1083	4.00	cps
Titanium	47-1	200	158	142	167	18.03	cps
Uranium	238-1	25	33	0	19	89.21	cps
Vanadium	51-2	37	37	27	33	17.32	cps
Yttrium	89-1	8627658	9419480	9396459	9147866	4.93	cps
Yttrium	89-2	257056	254533	254628	255406	0.56	cps
Zinc	66-2	163	150	147	153	5.75	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AC6L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 14:57:55	DataFile Name :	030SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1192	975	1133	1100	10.19	cps
Zirconium	91-1	233	258	192	228	14.79	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	100	200	147	34.12	cps
Antimony	121-1	1575	1742	1784	1700	6.49	cps
Arsenic	75-2	26	39	15	27	45.40	cps
Barium	135-1	198136	195024	197587	196916	0.84	cps
Barium	137-1	349559	345801	341433	345597	1.18	cps
Beryllium	9-1	156	144	178	159	10.66	cps
Bismuth	209-1	8818653	8615606	8321883	8585381	2.91	cps
Bismuth	209-2	2130740	2099929	2100224	2110298	0.84	cps
Boron	10-1	5976	5868	6043	5963	1.48	cps
Boron	11-1	26934	28362	27586	27627	2.59	cps
Cadmium	111-1	1317	1147	1236	1233	6.89	cps
Cadmium	106-1	1775	1517	1667	1653	7.85	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	740041	737702	730497	736080	0.68	cps
Calcium	44-1	12261853	12108465	11899270	12089862	1.51	cps
Chromium	52-2	1260	1190	1147	1199	4.77	cps
Cobalt	59-2	470	407	397	424	9.37	cps
Copper	63-2	109000	108546	107770	108439	0.57	cps
Dysprosium	156-1	258	167	225	217	21.41	cps
Dysprosium	156-2	53	37	50	47	18.89	cps
Erbium	164-1	208	258	267	244	12.91	cps
Erbium	164-2	47	50	30	42	25.38	cps
Gadolinium	160-1	292	267	292	283	5.09	cps
Gadolinium	160-2	57	57	90	68	28.39	cps
Holmium	165-1	13515885	13485472	12816681	13272679	2.98	cps
Holmium	165-2	2574406	2520470	2502147	2532341	1.48	cps
Indium	115-1	10120104	9997993	9597300	9905132	2.76	cps
Indium	115-2	359902	353867	351756	355175	1.19	cps
Iron	56-2	502310	490527	491073	494636	1.34	cps
Iron	57-2	12740	12295	12384	12473	1.89	cps
Krypton	83-1	270	253	317	280	11.73	cps
Lead	206-1	217712	217159	214580	216483	0.77	cps
Lead	207-1	180686	179953	176713	179118	1.18	cps
Lead	208-1	844770	839673	829969	838137	0.90	cps
Lithium	6-1	1967367	1927360	1893423	1929384	1.92	cps
Magnesium	24-2	320118	319718	319132	319656	0.16	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36481	35712	36240	36145	1.09	cps
Molybdenum	94-1	800	792	600	731	15.49	cps
Molybdenum	95-1	267	200	283	250	17.64	cps
Molybdenum	96-1	317	358	400	358	11.63	cps
Molybdenum	97-1	192	142	283	206	34.95	cps
Molybdenum	98-1	325	317	367	336	7.97	cps
Neodymium	150-1	173	233	193	200	15.27	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	4888	4461	4758	4702	4.65	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	22686	22227	22853	22588	1.44	cps
Rhodium	103-1	9232017	9098233	8802854	9044368	2.43	cps
Rhodium	103-2	2361033	2349989	2315003	2342008	1.03	cps
Scandium	45-1	5531205	5525136	5295740	5450694	2.46	cps
Scandium	45-2	38319	37243	38008	37857	1.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	9	12	18.22	cps
Selenium	82-1	358	380	319	353	8.75	cps
Silicon	28-1	27184800	27137918	26886565	27069761	0.59	cps
Silver	109-1	1125	1300	1225	1217	7.22	cps
Silver	107-1	1208	1275	1417	1300	8.18	cps
Sodium	23-2	2123507	2097115	2130264	2116962	0.83	cps
Strontium	86-1	241549	235607	237939	238365	1.26	cps
Strontium	88-1	2108886	2103950	2048865	2087233	1.60	cps
Sulfur	34-1	673070	668115	665972	669052	0.54	cps
Terbium	159-1	13798212	13705266	13104532	13536004	2.78	cps
Terbium	159-2	2398561	2365593	2421400	2395185	1.17	cps
Thallium	203-1	200	200	183	194	4.95	cps
Thallium	205-1	458	442	442	447	2.15	cps
Tin	118-1	8946	10769	8953	9556	10.99	cps
Titanium	47-1	675	475	892	681	30.64	cps
Uranium	238-1	2467	2459	2200	2375	6.38	cps
Vanadium	51-2	317	310	313	313	1.06	cps
Yttrium	89-1	10336920	10112832	9735838	10061863	3.02	cps
Yttrium	89-2	264928	263660	260225	262938	0.93	cps
Zinc	66-2	2457	2277	2380	2371	3.81	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-06	Instrumnet Name :	P8
Client Sample ID :	MC0AC7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:04:34	DataFile Name :	032SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1467	1275	1083	1275	15.03	cps
Zirconium	91-1	275	250	267	264	4.83	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	25	36	35.25	cps
Antimony	121-1	1158	1158	1083	1133	3.82	cps
Arsenic	75-2	7	6	15	9	52.86	cps
Barium	135-1	3751	4326	3901	3992	7.47	cps
Barium	137-1	7069	7519	7169	7252	3.26	cps
Beryllium	9-1	89	72	67	76	15.23	cps
Bismuth	209-1	8833431	8627009	8615558	8691999	1.41	cps
Bismuth	209-2	2081132	2092639	2091068	2088280	0.30	cps
Boron	10-1	4351	4501	4476	4443	1.81	cps
Boron	11-1	21083	21300	22009	21464	2.26	cps
Cadmium	111-1	1114	1170	1270	1185	6.66	cps
Cadmium	106-1	1542	1659	1817	1672	8.25	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	37000	34861	36423	36095	3.07	cps
Calcium	44-1	607016	598085	598976	601359	0.82	cps
Chromium	52-2	533	520	567	540	4.45	cps
Cobalt	59-2	40	73	80	64	33.25	cps
Copper	63-2	907	693	993	864	17.86	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	75	56	37.75	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	13466670	13242621	13337522	13348938	0.84	cps
Holmium	165-2	2530034	2541550	2514208	2528597	0.54	cps
Indium	115-1	9989713	9851952	9916228	9919298	0.69	cps
Indium	115-2	356493	355113	349395	353667	1.06	cps
Iron	56-2	1950	2117	2178	2082	5.66	cps
Iron	57-2	39	94	33	56	60.83	cps
Krypton	83-1	293	200	330	274	24.42	cps
Lead	206-1	1400	1150	1150	1233	11.70	cps
Lead	207-1	928	906	906	913	1.41	cps
Lead	208-1	4778	4567	4406	4584	4.07	cps
Lithium	6-1	1961449	1919625	1942043	1941039	1.08	cps
Magnesium	24-2	20465	20666	19906	20346	1.93	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	420	370	370	387	7.47	cps
Molybdenum	94-1	550	533	467	517	8.53	cps
Molybdenum	95-1	142	133	133	136	3.53	cps
Molybdenum	96-1	300	283	233	272	12.74	cps
Molybdenum	97-1	117	83	92	97	17.84	cps
Molybdenum	98-1	267	267	392	308	23.41	cps
Neodymium	150-1	13	0	47	20	120.20	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	170	190	171	10.73	cps
Phosphorus	31-2	50	25	25	33	43.30	cps
Potassium	39-2	4518	4509	4426	4484	1.13	cps
Rhodium	103-1	9247620	9064015	9009709	9107115	1.37	cps
Rhodium	103-2	2326440	2369062	2312824	2336109	1.26	cps
Scandium	45-1	5528619	5503006	5545789	5525805	0.39	cps
Scandium	45-2	38098	38616	37681	38132	1.23	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	93	219	117	143	46.64	cps
Silicon	28-1	21352174	21154760	20969233	21158722	0.91	cps
Silver	109-1	758	717	883	786	11.03	cps
Silver	107-1	1017	867	983	956	8.24	cps
Sodium	23-2	8411941	8406466	8377808	8398738	0.22	cps
Strontium	86-1	8570	8445	8495	8503	0.74	cps
Strontium	88-1	71287	71890	71421	71532	0.44	cps
Sulfur	34-1	618523	609005	606461	611330	1.04	cps
Terbium	159-1	13725431	13562341	13604924	13630899	0.62	cps
Terbium	159-2	2392532	2386586	2397569	2392229	0.23	cps
Thallium	203-1	175	150	225	183	20.83	cps
Thallium	205-1	358	517	425	433	18.35	cps
Tin	118-1	2951	2984	3042	2992	1.55	cps
Titanium	47-1	283	392	308	328	17.31	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	33	67	63	54	33.72	cps
Yttrium	89-1	10131567	10038436	10104432	10091478	0.47	cps
Yttrium	89-2	264179	267453	260822	264151	1.26	cps
Zinc	66-2	1630	1567	1543	1580	2.84	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-07	Instrumnet Name :	P8
Client Sample ID :	MC0AC8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:07:52	DataFile Name :	033SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1158	1208	1281	13.30	cps
Zirconium	91-1	183	233	233	217	13.33	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	58	39	53.93	cps
Antimony	121-1	1625	1759	1859	1747	6.70	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	9662	9546	9679	9629	0.76	cps
Barium	137-1	16878	16511	16770	16720	1.13	cps
Beryllium	9-1	44	44	100	63	50.93	cps
Bismuth	209-1	8997677	8943823	8866030	8935843	0.74	cps
Bismuth	209-2	2082149	2102744	2148990	2111294	1.62	cps
Boron	10-1	8269	7669	7577	7839	4.80	cps
Boron	11-1	36932	39129	39021	38361	3.23	cps
Cadmium	111-1	1196	1335	1191	1240	6.62	cps
Cadmium	106-1	1667	1884	1692	1747	6.78	cps
Cadmium	108-1	13	0	21	11	94.37	cps
Calcium	43-1	59067	59067	58021	58718	1.03	cps
Calcium	44-1	972663	971729	959999	968130	0.73	cps
Chromium	52-2	477	510	427	471	8.90	cps
Cobalt	59-2	60	57	73	63	13.92	cps
Copper	63-2	1073	1107	1090	1090	1.53	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	108	92	33	78	50.64	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	13593862	13371689	13376245	13447265	0.94	cps
Holmium	165-2	2494535	2473294	2525224	2497684	1.05	cps
Indium	115-1	10155706	10057039	10045704	10086150	0.60	cps
Indium	115-2	346126	346107	350514	347582	0.73	cps
Iron	56-2	1561	1583	1467	1537	4.03	cps
Iron	57-2	44	39	39	41	7.88	cps
Krypton	83-1	260	273	303	279	7.96	cps
Lead	206-1	628	706	728	687	7.64	cps
Lead	207-1	506	639	628	591	12.52	cps
Lead	208-1	2706	2917	2817	2813	3.75	cps
Lithium	6-1	1953236	1971025	1956514	1960258	0.48	cps
Magnesium	24-2	23687	23311	22877	23292	1.74	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2187	2204	2277	2222	2.16	cps
Molybdenum	94-1	258	333	317	303	13.01	cps
Molybdenum	95-1	100	100	167	122	31.49	cps
Molybdenum	96-1	250	258	258	256	1.88	cps
Molybdenum	97-1	92	117	75	94	22.21	cps
Molybdenum	98-1	192	200	175	189	6.74	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	117	133	180	143	22.90	cps
Phosphorus	31-2	75	58	75	69	13.85	cps
Potassium	39-2	9912	9620	9754	9762	1.50	cps
Rhodium	103-1	9384427	9212345	9277609	9291460	0.93	cps
Rhodium	103-2	2308968	2324813	2358050	2330610	1.07	cps
Scandium	45-1	5571877	5458754	5426834	5485822	1.39	cps
Scandium	45-2	36731	36487	37360	36860	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	28	16	-49	-2	-2128.05	cps
Silicon	28-1	8532063	8475261	8338084	8448470	1.18	cps
Silver	109-1	808	867	800	825	4.40	cps
Silver	107-1	817	1092	875	928	15.62	cps
Sodium	23-2	779132	781679	773260	778024	0.55	cps
Strontium	86-1	44190	43495	43345	43677	1.03	cps
Strontium	88-1	378882	376534	376808	377408	0.34	cps
Sulfur	34-1	276895	273700	276124	275573	0.60	cps
Terbium	159-1	13965506	13712934	13722035	13800158	1.04	cps
Terbium	159-2	2342908	2353178	2382910	2359665	0.88	cps
Thallium	203-1	92	167	142	133	28.64	cps
Thallium	205-1	342	292	308	314	8.11	cps
Tin	118-1	2617	2750	2867	2745	4.56	cps
Titanium	47-1	267	275	333	292	12.45	cps
Uranium	238-1	58	33	8	33	75.02	cps
Vanadium	51-2	20	10	27	19	44.42	cps
Yttrium	89-1	10201728	10071591	10059188	10110836	0.78	cps
Yttrium	89-2	255044	255883	257052	255993	0.39	cps
Zinc	66-2	1377	1340	1547	1421	7.76	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-08	Instrumnet Name :	P8
Client Sample ID :	MC0AC9	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:11:11	DataFile Name :	034SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	767	792	800	786	2.21	cps
Zirconium	91-1	175	158	133	156	13.48	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8912	8861	8478	8750	2.71	cps
Antimony	121-1	799890	796243	786261	794131	0.89	cps
Arsenic	75-2	2687	2632	2676	2665	1.10	cps
Barium	135-1	3498255	3453101	3429812	3460389	1.01	cps
Barium	137-1	6108689	6054279	5960691	6041220	1.24	cps
Beryllium	9-1	51660	50690	51576	51308	1.05	cps
Bismuth	209-1	8826799	8538946	8623275	8663007	1.71	cps
Bismuth	209-2	2057101	2058118	2066637	2060619	0.25	cps
Boron	10-1	4826	5109	5009	4982	2.89	cps
Boron	11-1	24522	24430	25690	24881	2.82	cps
Cadmium	111-1	85381	84817	83333	84510	1.25	cps
Cadmium	106-1	9762	9796	9087	9548	4.19	cps
Cadmium	108-1	5547	5164	5647	5453	4.68	cps
Calcium	43-1	17854	17487	17420	17587	1.33	cps
Calcium	44-1	302684	305226	300424	302778	0.79	cps
Chromium	52-2	127292	126195	125513	126333	0.71	cps
Cobalt	59-2	709116	706032	699252	704800	0.72	cps
Copper	63-2	313826	316068	314300	314731	0.38	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	75	125	17	72	75.07	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	13514912	13163785	13227572	13302090	1.41	cps
Holmium	165-2	2455018	2468599	2443968	2455862	0.50	cps
Indium	115-1	9906333	9711331	9716515	9778060	1.14	cps
Indium	115-2	343951	344927	336873	341917	1.29	cps
Iron	56-2	424185	423504	418998	422229	0.67	cps
Iron	57-2	10526	10721	10654	10634	0.93	cps
Krypton	83-1	337	300	270	302	11.05	cps
Lead	206-1	113514	111977	111844	112445	0.83	cps
Lead	207-1	101828	100561	100942	101111	0.64	cps
Lead	208-1	456654	454725	454386	455255	0.27	cps
Lithium	6-1	1972422	1907076	1923536	1934345	1.76	cps
Magnesium	24-2	9554	9687	10162	9801	3.26	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83930	84353	83035	83773	0.80	cps
Molybdenum	94-1	625	717	742	694	8.85	cps
Molybdenum	95-1	242	258	383	294	26.30	cps
Molybdenum	96-1	417	575	567	519	17.16	cps
Molybdenum	97-1	225	275	350	283	22.21	cps
Molybdenum	98-1	450	550	533	511	10.48	cps
Neodymium	150-1	167	93	87	116	38.41	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	207410	209038	206229	207559	0.68	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	4434	4476	4351	4420	1.44	cps
Rhodium	103-1	9155924	8796574	8854939	8935813	2.16	cps
Rhodium	103-2	2289451	2289656	2252937	2277348	0.93	cps
Scandium	45-1	5442191	5335286	5304140	5360539	1.35	cps
Scandium	45-2	37189	36066	36157	36471	1.71	cps
Selenium	77-2	73	60	53	62	16.37	cps
Selenium	78-2	219	237	237	231	4.63	cps
Selenium	82-1	14537	14283	14563	14461	1.07	cps
Silicon	28-1	24242421	23782982	23451122	23825509	1.67	cps
Silver	109-1	389606	390007	388539	389384	0.19	cps
Silver	107-1	411535	406062	404506	407368	0.91	cps
Sodium	23-2	9410686	9385208	9385054	9393649	0.16	cps
Strontium	86-1	4901	4684	4593	4726	3.35	cps
Strontium	88-1	37001	36324	35581	36302	1.96	cps
Sulfur	34-1	731130	724015	715718	723621	1.07	cps
Terbium	159-1	13742794	13328947	13570031	13547257	1.53	cps
Terbium	159-2	2375078	2366688	2322121	2354629	1.21	cps
Thallium	203-1	346353	345202	343407	344987	0.43	cps
Thallium	205-1	839407	825394	828351	831050	0.89	cps
Tin	118-1	3726	3926	3501	3717	5.72	cps
Titanium	47-1	333	233	217	261	24.16	cps
Uranium	238-1	50	42	42	44	10.82	cps
Vanadium	51-2	232548	232831	230492	231957	0.55	cps
Yttrium	89-1	10052653	9760684	9947413	9920250	1.49	cps
Yttrium	89-2	255408	254880	250821	253703	0.99	cps
Zinc	66-2	52265	50749	51114	51376	1.54	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-05	Instrumnet Name :	P8
Client Sample ID :	MC0AC6S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:23:27	DataFile Name :	036SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1400	1167	1272	9.29	cps
Zirconium	91-1	358	367	367	364	1.32	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	58	25	31	83.33	cps
Antimony	121-1	1200	1142	1242	1195	4.21	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	1967	1809	1850	1875	4.38	cps
Barium	137-1	3051	3442	3026	3173	7.37	cps
Beryllium	9-1	106	78	28	70	56.01	cps
Bismuth	209-1	8773220	8272431	8620091	8555247	3.00	cps
Bismuth	209-2	2077037	2041974	2067253	2062088	0.88	cps
Boron	10-1	5285	4959	5193	5146	3.26	cps
Boron	11-1	25006	24964	24371	24781	1.43	cps
Cadmium	111-1	1236	1112	1207	1185	5.46	cps
Cadmium	106-1	1750	1592	1667	1670	4.74	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	17053	17954	17420	17475	2.59	cps
Calcium	44-1	298467	292590	296785	295947	1.02	cps
Chromium	52-2	490	520	440	483	8.36	cps
Cobalt	59-2	43	110	127	93	47.25	cps
Copper	63-2	943	870	810	874	7.64	cps
Dysprosium	156-1	17	17	50	28	69.27	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	83	50	60.09	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	42	17	42	60.00	cps
Gadolinium	160-2	10	17	0	9	94.38	cps
Holmium	165-1	13441752	12727387	13375103	13181414	2.99	cps
Holmium	165-2	2495363	2508342	2479161	2494289	0.59	cps
Indium	115-1	9975826	9311299	9727450	9671525	3.47	cps
Indium	115-2	346491	344684	343179	344785	0.48	cps
Iron	56-2	1650	1917	1739	1769	7.68	cps
Iron	57-2	22	67	50	46	48.50	cps
Krypton	83-1	280	303	303	296	4.56	cps
Lead	206-1	895	822	861	859	4.21	cps
Lead	207-1	717	756	694	722	4.28	cps
Lead	208-1	3373	3334	3211	3306	2.54	cps
Lithium	6-1	1937149	1832381	1917012	1895514	2.93	cps
Magnesium	24-2	7761	7994	8520	8092	4.80	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	113	147	132	12.93	cps
Molybdenum	94-1	592	508	575	558	7.90	cps
Molybdenum	95-1	192	125	117	144	28.46	cps
Molybdenum	96-1	283	308	350	314	10.73	cps
Molybdenum	97-1	83	183	75	114	52.94	cps
Molybdenum	98-1	192	250	258	233	15.57	cps
Neodymium	150-1	20	33	0	18	94.38	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	130	173	203	169	21.83	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	4276	5168	4468	4637	10.13	cps
Rhodium	103-1	8998858	8533406	8877078	8803114	2.74	cps
Rhodium	103-2	2298163	2300472	2253026	2283887	1.17	cps
Scandium	45-1	5428012	5016929	5339614	5261518	4.11	cps
Scandium	45-2	36340	36511	36160	36337	0.48	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	30	19	24	24	23.08	cps
Selenium	82-1	1531	1499	1568	1533	2.26	cps
Silicon	28-1	23443757	23211836	23045966	23233853	0.86	cps
Silver	109-1	592	575	642	603	5.76	cps
Silver	107-1	625	733	675	678	8.00	cps
Sodium	23-2	9377137	9278994	9373559	9343230	0.60	cps
Strontium	86-1	4593	4576	4301	4490	3.65	cps
Strontium	88-1	34595	35130	34645	34790	0.85	cps
Sulfur	34-1	721529	710919	712620	715023	0.80	cps
Terbium	159-1	13775289	12924057	13477713	13392353	3.23	cps
Terbium	159-2	2389502	2370176	2346980	2368886	0.90	cps
Thallium	203-1	200	133	125	153	26.91	cps
Thallium	205-1	408	492	342	414	18.16	cps
Tin	118-1	2742	2642	2692	2692	1.86	cps
Titanium	47-1	375	300	317	331	11.91	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	117	87	97	100	15.27	cps
Yttrium	89-1	9956309	9447275	9872703	9758762	2.80	cps
Yttrium	89-2	257598	255158	254094	255617	0.70	cps
Zinc	66-2	747	780	753	760	2.32	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3962-03A	Instrumnet Name :	P8
Client Sample ID :	MC0AC6A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:26:45	DataFile Name :	037SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1200	1283	1158	1214	5.24	cps
Zirconium	91-1	192	183	267	214	21.46	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235606	231144	233899	233549	0.96	cps
Antimony	121-1	3608722	3619840	3660158	3629573	0.75	cps
Arsenic	75-2	33231	33368	33925	33508	1.10	cps
Barium	135-1	3942843	3940872	3939492	3941069	0.04	cps
Barium	137-1	6862830	6869321	6901003	6877718	0.30	cps
Beryllium	9-1	472824	478507	475850	475727	0.60	cps
Bismuth	209-1	7651696	7656086	7696282	7668021	0.32	cps
Bismuth	209-2	1911285	1867763	1902857	1893968	1.22	cps
Boron	10-1	53258	54471	57423	55051	3.89	cps
Boron	11-1	248845	258224	267062	258044	3.53	cps
Cadmium	111-1	745122	744879	741373	743791	0.28	cps
Cadmium	106-1	79636	80004	79869	79836	0.23	cps
Cadmium	108-1	53523	53489	53811	53608	0.33	cps
Calcium	43-1	3863444	3902479	3869900	3878608	0.54	cps
Calcium	44-1	62691728	62572318	62788668	62684238	0.17	cps
Chromium	52-2	318930	316018	319090	318013	0.54	cps
Cobalt	59-2	671341	670894	676569	672935	0.47	cps
Copper	63-2	1135636	1133550	1136565	1135250	0.14	cps
Dysprosium	156-1	75	108	83	89	19.52	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	83	75	108	89	19.52	cps
Gadolinium	160-2	13	27	13	18	43.33	cps
Holmium	165-1	12310718	12259163	12318530	12296137	0.26	cps
Holmium	165-2	2401127	2394252	2383975	2393118	0.36	cps
Indium	115-1	8880350	8901514	8876517	8886127	0.15	cps
Indium	115-2	331092	324129	326845	327355	1.07	cps
Iron	56-2	51453729	51071157	51498411	51341099	0.46	cps
Iron	57-2	1283046	1274719	1290271	1282679	0.61	cps
Krypton	83-1	300	343	190	278	28.46	cps
Lead	206-1	2591082	2609386	2556716	2585728	1.03	cps
Lead	207-1	2354340	2375121	2355403	2361622	0.50	cps
Lead	208-1	10560323	10668544	10530962	10586610	0.68	cps
Lithium	6-1	1766663	1802388	1753203	1774085	1.43	cps
Magnesium	24-2	5857885	5873961	5872201	5868016	0.15	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167180	165652	166566	166466	0.46	cps
Molybdenum	94-1	6275089	6282281	6201634	6253001	0.71	cps
Molybdenum	95-1	7573055	7681728	7599309	7618031	0.74	cps
Molybdenum	96-1	8440918	8513348	8493946	8482737	0.44	cps
Molybdenum	97-1	4878185	4880071	4848837	4869031	0.36	cps
Molybdenum	98-1	12309907	12229239	12246479	12261875	0.35	cps
Neodymium	150-1	187	273	140	200	33.83	cps
Neodymium	150-2	0	13	13	9	86.60	cps
Nickel	60-2	197773	198857	200108	198913	0.59	cps
Phosphorus	31-2	2617	2759	2442	2606	6.09	cps
Potassium	39-2	1401836	1400849	1417987	1406891	0.68	cps
Rhodium	103-1	8060413	8073731	8071317	8068487	0.09	cps
Rhodium	103-2	2153229	2102077	2085683	2113663	1.67	cps
Scandium	45-1	5088571	5105345	5067268	5087061	0.38	cps
Scandium	45-2	37152	36768	37286	37069	0.73	cps
Selenium	77-2	203	217	237	219	7.66	cps
Selenium	78-2	717	757	728	734	2.87	cps
Selenium	82-1	44649	45178	44930	44919	0.59	cps
Silicon	28-1	1737064	1771423	1753248	1753912	0.98	cps
Silver	109-1	3604125	3595910	3606448	3602161	0.15	cps
Silver	107-1	3788716	3774600	3751710	3771676	0.50	cps
Sodium	23-2	13204565	13264298	13322634	13263832	0.45	cps
Strontium	86-1	944886	945885	955038	948603	0.59	cps
Strontium	88-1	8269450	8222559	8293044	8261684	0.43	cps
Sulfur	34-1	523086	524033	524605	523908	0.15	cps
Terbium	159-1	12487052	12440669	12433921	12453881	0.23	cps
Terbium	159-2	2274575	2227309	2235987	2245957	1.12	cps
Thallium	203-1	3190659	3169122	3169157	3176312	0.39	cps
Thallium	205-1	7607377	7516057	7377689	7500374	1.54	cps
Tin	118-1	2589866	2576906	2559399	2575391	0.59	cps
Titanium	47-1	2007678	1947204	1969834	1974905	1.55	cps
Uranium	238-1	10435195	10469811	10354855	10419954	0.57	cps
Vanadium	51-2	230576	229535	230169	230093	0.23	cps
Yttrium	89-1	9301838	9312619	9340292	9318250	0.21	cps
Yttrium	89-2	253898	250103	249376	251126	0.97	cps
Zinc	66-2	93559	93750	93701	93670	0.11	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:33:22	DataFile Name :	038CCV_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5196148	5226006	5236564	5219573	0.40	cps
Zirconium	91-1	1144219	1144970	1142078	1143756	0.13	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	50	31	68.64	cps
Antimony	121-1	6085	5985	5310	5793	7.28	cps
Arsenic	75-2	4	0	7	4	100.05	cps
Barium	135-1	167	133	133	144	13.33	cps
Barium	137-1	283	292	183	253	23.85	cps
Beryllium	9-1	128	228	189	181	27.78	cps
Bismuth	209-1	8157197	8070350	8143539	8123695	0.57	cps
Bismuth	209-2	1994785	1744601	2039637	1926341	8.25	cps
Boron	10-1	1667	1542	1333	1514	11.12	cps
Boron	11-1	7811	7894	6960	7555	6.84	cps
Cadmium	111-1	1335	1343	1203	1294	6.10	cps
Cadmium	106-1	1800	1817	1625	1747	6.08	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	500	600	558	553	9.09	cps
Calcium	44-1	15401	15718	15851	15657	1.48	cps
Chromium	52-2	453	490	410	451	8.88	cps
Cobalt	59-2	37	57	33	42	29.89	cps
Copper	63-2	437	440	450	442	1.57	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	12445564	12290922	12399040	12378509	0.64	cps
Holmium	165-2	2415111	2072613	2406338	2298021	8.50	cps
Indium	115-1	9441044	9367250	9495272	9434522	0.68	cps
Indium	115-2	343888	301156	345523	330189	7.62	cps
Iron	56-2	2561	2061	2200	2274	11.35	cps
Iron	57-2	67	72	50	63	18.37	cps
Krypton	83-1	337	267	260	288	14.76	cps
Lead	206-1	422	422	450	432	3.72	cps
Lead	207-1	411	372	444	409	8.83	cps
Lead	208-1	1767	1661	1945	1791	8.00	cps
Lithium	6-1	1882610	1861748	1838453	1860937	1.19	cps
Magnesium	24-2	317	267	267	283	10.19	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	43	30	32	31.61	cps
Molybdenum	94-1	2767	2317	2309	2464	10.64	cps
Molybdenum	95-1	2600	2384	2267	2417	7.00	cps
Molybdenum	96-1	3259	3017	2467	2914	13.93	cps
Molybdenum	97-1	1709	1350	1534	1531	11.71	cps
Molybdenum	98-1	4243	4309	3526	4026	10.79	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	83	70	80	11.03	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1675	1700	1909	1761	7.28	cps
Rhodium	103-1	8807511	8588299	8699721	8698510	1.26	cps
Rhodium	103-2	2243461	2002096	2258658	2168072	6.64	cps
Scandium	45-1	5287261	5183989	5195116	5222122	1.09	cps
Scandium	45-2	37069	32562	36304	35312	6.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-49	61	42	18	326.59	cps
Silicon	28-1	374089	225493	223031	274204	31.55	cps
Silver	109-1	425	358	325	369	13.78	cps
Silver	107-1	542	475	342	453	22.49	cps
Sodium	23-2	6910	6852	6585	6782	2.56	cps
Strontium	86-1	625	492	558	558	11.94	cps
Strontium	88-1	417	358	358	378	8.91	cps
Sulfur	34-1	309851	310177	311639	310556	0.31	cps
Terbium	159-1	12870489	12591206	12706984	12722893	1.10	cps
Terbium	159-2	2255456	2013582	2289542	2186193	6.88	cps
Thallium	203-1	625	683	533	614	12.32	cps
Thallium	205-1	1550	1325	1383	1420	8.23	cps
Tin	118-1	2425	2117	2743	2428	12.88	cps
Titanium	47-1	117	208	208	178	29.77	cps
Uranium	238-1	442	367	342	383	13.58	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	9497838	9497625	9522947	9506137	0.15	cps
Yttrium	89-2	253767	223258	255481	244169	7.42	cps
Zinc	66-2	63	77	67	69	10.08	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 15:37:30	DataFile Name :	039CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2800	2759	2550	2703	4.96	cps
Zirconium	91-1	517	517	508	514	0.94	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	608	592	675	625	7.05	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	8	25	83	39	101.28	cps
Barium	137-1	67	67	58	64	7.53	cps
Beryllium	9-1	67	67	72	69	4.68	cps
Bismuth	209-1	8287997	8158711	7762362	8069690	3.39	cps
Bismuth	209-2	2058470	2092119	2082543	2077711	0.83	cps
Boron	10-1	358	333	358	350	4.12	cps
Boron	11-1	1667	1525	1583	1592	4.47	cps
Cadmium	111-1	1279	1146	1018	1148	11.37	cps
Cadmium	106-1	1834	1642	1467	1647	11.13	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	450	350	392	397	12.65	cps
Calcium	44-1	13516	13699	12806	13340	3.53	cps
Chromium	52-2	433	457	370	420	10.68	cps
Cobalt	59-2	73	50	60	61	19.16	cps
Copper	63-2	353	347	300	333	8.72	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	92	42	56	56.79	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	12540025	12474315	11865242	12293194	3.03	cps
Holmium	165-2	2477891	2479873	2478333	2478699	0.04	cps
Indium	115-1	9525454	9498419	9077553	9367142	2.68	cps
Indium	115-2	354853	354740	355966	355186	0.19	cps
Iron	56-2	1028	1106	1056	1063	3.71	cps
Iron	57-2	28	17	50	31	53.90	cps
Krypton	83-1	283	307	297	296	3.96	cps
Lead	206-1	344	389	383	372	6.51	cps
Lead	207-1	372	278	411	354	19.39	cps
Lead	208-1	1539	1461	1667	1556	6.67	cps
Lithium	6-1	1928464	1864608	1829614	1874229	2.67	cps
Magnesium	24-2	200	125	142	156	25.32	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	17	33	30	40.05	cps
Molybdenum	94-1	525	525	417	489	12.79	cps
Molybdenum	95-1	275	225	275	258	11.18	cps
Molybdenum	96-1	358	242	283	294	20.08	cps
Molybdenum	97-1	250	192	150	197	25.47	cps
Molybdenum	98-1	400	342	442	394	12.73	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	57	77	63	18.23	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1934	1834	1859	1875	2.78	cps
Rhodium	103-1	9068436	8787123	8371053	8742204	4.01	cps
Rhodium	103-2	2322986	2339217	2337136	2333113	0.38	cps
Scandium	45-1	5357698	5292653	5037274	5229208	3.24	cps
Scandium	45-2	39449	39205	38646	39100	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-36	33	13	3	1114.18	cps
Silicon	28-1	228110	227313	229696	228373	0.53	cps
Silver	109-1	117	142	100	119	17.56	cps
Silver	107-1	150	150	183	161	11.94	cps
Sodium	23-2	5326	4834	4551	4904	8.00	cps
Strontium	86-1	467	425	442	444	4.72	cps
Strontium	88-1	133	125	217	158	32.01	cps
Sulfur	34-1	330899	329656	330989	330515	0.23	cps
Terbium	159-1	12964331	12754644	12118949	12612641	3.49	cps
Terbium	159-2	2325334	2328157	2314065	2322518	0.32	cps
Thallium	203-1	242	275	275	264	7.29	cps
Thallium	205-1	625	608	792	675	15.02	cps
Tin	118-1	825	975	942	914	8.62	cps
Titanium	47-1	25	83	67	58	51.51	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	9752467	9618338	9219478	9530094	2.91	cps
Yttrium	89-2	265424	266587	264221	265410	0.45	cps
Zinc	66-2	40	47	50	46	11.18	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BL	Instrumnet Name :	P8
Client Sample ID :	PB111114BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:10:21	DataFile Name :	040CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1183	1217	1250	1217	2.74	cps
Zirconium	91-1	350	267	233	283	21.21	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50298	48183	48509	48997	2.32	cps
Antimony	121-1	3903874	3929532	3933107	3922171	0.41	cps
Arsenic	75-2	35657	35490	35785	35644	0.42	cps
Barium	135-1	4245530	4196412	4183131	4208358	0.78	cps
Barium	137-1	7364932	7289780	7363221	7339311	0.58	cps
Beryllium	9-1	513995	514692	513752	514147	0.09	cps
Bismuth	209-1	8503389	8596295	8562145	8553943	0.55	cps
Bismuth	209-2	2132693	2114094	2139537	2128775	0.62	cps
Boron	10-1	55516	58051	59591	57720	3.56	cps
Boron	11-1	264029	273152	276411	271197	2.37	cps
Cadmium	111-1	823089	829628	827410	826709	0.40	cps
Cadmium	106-1	87919	90303	87089	88437	1.89	cps
Cadmium	108-1	58694	58970	58878	58847	0.24	cps
Calcium	43-1	823151	832341	830816	828769	0.59	cps
Calcium	44-1	13728645	13625054	13471702	13608467	0.95	cps
Chromium	52-2	329790	327017	327054	327954	0.48	cps
Cobalt	59-2	723215	718706	720360	720760	0.32	cps
Copper	63-2	1248270	1248084	1245260	1247205	0.14	cps
Dysprosium	156-1	108	67	58	78	34.44	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	75	92	42	69	36.66	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	13345640	13305289	13360439	13337123	0.21	cps
Holmium	165-2	2589326	2591977	2610088	2597130	0.44	cps
Indium	115-1	9883193	9960462	9874026	9905894	0.48	cps
Indium	115-2	363872	358347	364103	362107	0.90	cps
Iron	56-2	11107162	10983945	11027954	11039687	0.57	cps
Iron	57-2	274832	274049	275420	274767	0.25	cps
Krypton	83-1	237	307	243	262	14.73	cps
Lead	206-1	2792596	2805390	2808809	2802265	0.30	cps
Lead	207-1	2542721	2544574	2522628	2536641	0.48	cps
Lead	208-1	11378339	11390734	11413353	11394142	0.16	cps
Lithium	6-1	1970167	1963058	1953382	1962202	0.43	cps
Magnesium	24-2	1274736	1274998	1262822	1270852	0.55	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	178274	176884	177917	177692	0.41	cps
Molybdenum	94-1	6697685	6714571	6698612	6703623	0.14	cps
Molybdenum	95-1	8128722	8112173	8059141	8100012	0.45	cps
Molybdenum	96-1	9031573	9061178	9045595	9046115	0.16	cps
Molybdenum	97-1	5217223	5178496	5198495	5198071	0.37	cps
Molybdenum	98-1	13059567	13146909	13073058	13093178	0.36	cps
Neodymium	150-1	187	193	187	189	2.04	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	213148	211420	211918	212162	0.42	cps
Phosphorus	31-2	3067	2784	2959	2937	4.87	cps
Potassium	39-2	300031	296527	294163	296907	0.99	cps
Rhodium	103-1	9047899	9072890	8972255	9031015	0.58	cps
Rhodium	103-2	2385462	2344772	2349673	2359969	0.94	cps
Scandium	45-1	5531311	5603666	5561577	5565518	0.65	cps
Scandium	45-2	39850	40000	39820	39890	0.24	cps
Selenium	77-2	227	207	210	214	5.00	cps
Selenium	78-2	813	748	793	785	4.22	cps
Selenium	82-1	49499	48993	48697	49063	0.83	cps
Silicon	28-1	1887695	1900010	1905050	1897585	0.47	cps
Silver	109-1	3965313	3958445	3998330	3974029	0.54	cps
Silver	107-1	4190495	4163632	4170488	4174872	0.33	cps
Sodium	23-2	2857701	2831340	2822371	2837137	0.65	cps
Strontium	86-1	1019805	1015075	1023713	1019531	0.42	cps
Strontium	88-1	8922404	8892228	8856365	8890332	0.37	cps
Sulfur	34-1	563421	564647	564090	564053	0.11	cps
Terbium	159-1	13509569	13669566	13522852	13567329	0.65	cps
Terbium	159-2	2484749	2471911	2431346	2462669	1.13	cps
Thallium	203-1	3421379	3414082	3461439	3432300	0.74	cps
Thallium	205-1	8044876	8088310	8099189	8077459	0.36	cps
Tin	118-1	2739356	2755106	2769099	2754520	0.54	cps
Titanium	47-1	2104030	2093069	2108729	2101943	0.38	cps
Uranium	238-1	10924004	10945908	10849103	10906338	0.47	cps
Vanadium	51-2	243754	243190	242554	243166	0.25	cps
Yttrium	89-1	10083720	10088310	10145510	10105847	0.34	cps
Yttrium	89-2	273283	271318	274859	273153	0.65	cps
Zinc	66-2	104399	103603	102532	103512	0.90	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	PB111114BS	Instrumnet Name :	P8
Client Sample ID :	PB111114BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:13:41	DataFile Name :	041LCS6_P8071318MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5564278	5542089	5552498	5552955	0.20	cps
Zirconium	91-1	1224630	1213387	1217229	1218416	0.47	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:16:52 DataFile Name : 042SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.21	cps
Antimony	121-1	18881	16202	14425	16503	13.59	cps
Arsenic	75-2	2747	2873	2828	2816	2.27	cps
Barium	135-1	679987	678336	680800	679708	0.18	cps
Barium	137-1	1191717	1191494	1206615	1196609	0.72	cps
Beryllium	9-1	278	206	156	213	28.85	cps
Bismuth	209-1	8058876	8204442	8339608	8200975	1.71	cps
Bismuth	209-2	1848959	1862916	1843915	1851930	0.53	cps
Boron	10-1	23771	23487	23637	23631	0.60	cps
Boron	11-1	111120	111515	111951	111528	0.37	cps
Cadmium	111-1	1244	1236	1204	1228	1.70	cps
Cadmium	106-1	1509	1508	1533	1517	0.95	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Calcium	43-1	1565165	1556876	1547647	1556563	0.56	cps
Calcium	44-1	25159306	25007459	24853178	25006647	0.61	cps
Chromium	52-2	870	850	843	854	1.62	cps
Cobalt	59-2	467	487	420	458	7.47	cps
Copper	63-2	2360	2324	2477	2387	3.36	cps
Dysprosium	156-1	25	33	83	47	66.82	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	67	125	67	86	39.11	cps
Gadolinium	160-2	0	23	10	11	105.35	cps
Holmium	165-1	12020133	12359289	12641270	12340230	2.52	cps
Holmium	165-2	2211490	2189788	2191278	2197519	0.55	cps
Indium	115-1	8754422	8972222	9077594	8934746	1.84	cps
Indium	115-2	296459	294589	289085	293377	1.31	cps
Iron	56-2	3538772	3450393	3406706	3465290	1.94	cps
Iron	57-2	85791	84863	84919	85191	0.61	cps
Krypton	83-1	243	283	260	262	7.66	cps
Lead	206-1	2445	2084	1861	2130	13.83	cps
Lead	207-1	1900	1778	1678	1785	6.24	cps
Lead	208-1	9274	8118	7851	8414	8.99	cps
Lithium	6-1	1829255	1903738	1964209	1899067	3.56	cps
Magnesium	24-2	221034	219086	214553	218224	1.52	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:16:52	DataFile Name :	042SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18719	17505	17698	17974	3.63	cps
Molybdenum	94-1	9737	8945	8270	8984	8.18	cps
Molybdenum	95-1	10730	10071	9445	10082	6.37	cps
Molybdenum	96-1	12148	11639	10696	11494	6.41	cps
Molybdenum	97-1	6852	6293	5910	6352	7.46	cps
Molybdenum	98-1	17537	16077	14358	15991	9.95	cps
Neodymium	150-1	40	87	93	73	39.63	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	14972	14688	15182	14947	1.66	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	12323	12256	11413	11997	4.22	cps
Rhodium	103-1	7834261	8030340	8095688	7986763	1.70	cps
Rhodium	103-2	2023094	2006538	1989328	2006320	0.84	cps
Scandium	45-1	4599988	4707429	4725856	4677758	1.45	cps
Scandium	45-2	30490	29762	29882	30045	1.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	159	117	121	132	17.56	cps
Silicon	28-1	29956798	29603713	29437991	29666167	0.89	cps
Silver	109-1	4059	3701	3459	3740	8.08	cps
Silver	107-1	3876	3776	3959	3870	2.37	cps
Sodium	23-2	2148363	2098927	2091632	2112974	1.46	cps
Strontium	86-1	878103	873547	869185	873612	0.51	cps
Strontium	88-1	7612523	7613765	7582265	7602851	0.23	cps
Sulfur	34-1	279061	274521	271222	274934	1.43	cps
Terbium	159-1	12332401	12552726	12715334	12533487	1.53	cps
Terbium	159-2	2098467	2098225	2072347	2089680	0.72	cps
Thallium	203-1	3176	2125	1650	2317	33.69	cps
Thallium	205-1	6435	5168	4526	5376	18.07	cps
Tin	118-1	46892	42427	40713	43344	7.36	cps
Titanium	47-1	975	850	1058	961	10.91	cps
Uranium	238-1	875	825	792	831	5.05	cps
Vanadium	51-2	460	483	403	449	9.16	cps
Yttrium	89-1	8704394	8877342	8903018	8828251	1.22	cps
Yttrium	89-2	216556	216391	211896	214948	1.23	cps
Zinc	66-2	377	363	353	364	3.21	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:16:52	DataFile Name :	042SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8853	8303	6860	8006	12.86	cps
Zirconium	91-1	2175	1892	1508	1859	18.01	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:20:11	DataFile Name :	043SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	42	39	12.38	cps
Antimony	121-1	7569	8003	7769	7780	2.79	cps
Arsenic	75-2	2734	2760	2791	2761	1.04	cps
Barium	135-1	698161	707993	701463	702539	0.71	cps
Barium	137-1	1229465	1229148	1237612	1232075	0.39	cps
Beryllium	9-1	139	139	194	157	20.38	cps
Bismuth	209-1	8222632	8151018	8262531	8212060	0.69	cps
Bismuth	209-2	1807930	1828486	1836783	1824399	0.81	cps
Boron	10-1	22535	22301	23186	22674	2.02	cps
Boron	11-1	106232	107896	107988	107372	0.92	cps
Cadmium	111-1	1055	1199	995	1083	9.67	cps
Cadmium	106-1	1450	1642	1350	1481	10.01	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	1569656	1563440	1588026	1573708	0.81	cps
Calcium	44-1	25184918	25337098	25292109	25271375	0.31	cps
Chromium	52-2	670	707	813	730	10.20	cps
Cobalt	59-2	357	427	463	416	13.04	cps
Copper	63-2	2524	2597	2630	2584	2.11	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	83	125	42	83	50.00	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	12371669	12431850	12501381	12434967	0.52	cps
Holmium	165-2	2144618	2192872	2186763	2174751	1.21	cps
Indium	115-1	8773592	8774989	8909228	8819270	0.88	cps
Indium	115-2	283185	283845	288275	285102	0.97	cps
Iron	56-2	3551531	3473961	3498614	3508035	1.13	cps
Iron	57-2	86058	86244	86176	86159	0.11	cps
Krypton	83-1	253	277	307	279	9.59	cps
Lead	206-1	1256	1317	1345	1306	3.48	cps
Lead	207-1	1228	1139	1078	1148	6.57	cps
Lead	208-1	5239	5306	5328	5291	0.87	cps
Lithium	6-1	1939889	1997127	2005939	1980985	1.81	cps
Magnesium	24-2	218503	218155	217106	217921	0.33	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01DUP Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709DL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:20:11 DataFile Name : 043SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18229	18282	18382	18298	0.43	cps
Molybdenum	94-1	5927	5835	6052	5938	1.83	cps
Molybdenum	95-1	7461	7286	7219	7322	1.71	cps
Molybdenum	96-1	8094	7619	7994	7903	3.17	cps
Molybdenum	97-1	4526	4459	4459	4481	0.86	cps
Molybdenum	98-1	11964	11631	12139	11911	2.17	cps
Neodymium	150-1	60	73	40	58	29.04	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	14865	14798	14808	14824	0.24	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	11981	11680	11730	11797	1.36	cps
Rhodium	103-1	7960922	7935226	8007207	7967785	0.46	cps
Rhodium	103-2	1971658	2001999	2009386	1994348	1.00	cps
Scandium	45-1	4565007	4554918	4593373	4571099	0.44	cps
Scandium	45-2	28539	29354	29164	29019	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	105	73	13	63	73.23	cps
Silicon	28-1	29530492	29536162	29651020	29572558	0.23	cps
Silver	109-1	1659	2067	1642	1789	13.46	cps
Silver	107-1	1859	2075	1650	1861	11.42	cps
Sodium	23-2	2135378	2071721	2148985	2118695	1.95	cps
Strontium	86-1	889030	897768	901007	895935	0.69	cps
Strontium	88-1	7743727	7794304	7724097	7754042	0.47	cps
Sulfur	34-1	266707	264816	265364	265629	0.37	cps
Terbium	159-1	12516050	12537549	12760742	12604780	1.07	cps
Terbium	159-2	2039287	2070594	2093127	2067669	1.31	cps
Thallium	203-1	508	483	558	517	7.39	cps
Thallium	205-1	1167	1075	1083	1108	4.57	cps
Tin	118-1	28373	28598	28899	28623	0.92	cps
Titanium	47-1	850	1192	958	1000	17.46	cps
Uranium	238-1	250	283	225	253	11.58	cps
Vanadium	51-2	510	480	390	460	13.58	cps
Yttrium	89-1	8702479	8674694	8742392	8706522	0.39	cps
Yttrium	89-2	206787	208498	209694	208327	0.70	cps
Zinc	66-2	313	327	360	333	7.21	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709DL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:20:11	DataFile Name :	043SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4751	4743	4176	4557	7.24	cps
Zirconium	91-1	1058	983	1000	1014	3.88	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01LX5 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709L Dilution Factor : 5
 Date & Time Acquired :: 2018-07-13 16:23:29 DataFile Name : 044SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.62	cps
Antimony	121-1	1792	1575	1625	1664	6.82	cps
Arsenic	75-2	617	556	606	593	5.49	cps
Barium	135-1	140345	138485	138737	139189	0.72	cps
Barium	137-1	245506	246184	243667	245119	0.53	cps
Beryllium	9-1	78	128	100	102	24.60	cps
Bismuth	209-1	8721894	8591977	8586669	8633513	0.89	cps
Bismuth	209-2	2015525	1833192	2018077	1955598	5.42	cps
Boron	10-1	5835	5977	5901	5904	1.20	cps
Boron	11-1	27177	26834	27769	27260	1.74	cps
Cadmium	111-1	1291	1214	1281	1262	3.31	cps
Cadmium	106-1	1817	1709	1759	1761	3.08	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	312168	315239	314479	313962	0.51	cps
Calcium	44-1	5162342	5197012	5123957	5161103	0.71	cps
Chromium	52-2	490	533	473	499	6.21	cps
Cobalt	59-2	113	97	80	97	17.24	cps
Copper	63-2	1140	1030	1103	1091	5.13	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	117	92	58	89	32.92	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	13221817	13019701	13031335	13090951	0.87	cps
Holmium	165-2	2420943	2162298	2398904	2327382	6.16	cps
Indium	115-1	9583983	9516397	9461216	9520532	0.65	cps
Indium	115-2	324173	291048	323342	312854	6.04	cps
Iron	56-2	727395	725423	717705	723508	0.71	cps
Iron	57-2	17867	18418	18140	18142	1.52	cps
Krypton	83-1	260	267	270	266	1.92	cps
Lead	206-1	611	528	533	557	8.36	cps
Lead	207-1	406	350	428	394	10.16	cps
Lead	208-1	2189	1811	1950	1983	9.63	cps
Lithium	6-1	1911299	1874623	1878341	1888088	1.07	cps
Magnesium	24-2	46845	46879	46493	46739	0.46	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-01LX5 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709L Dilution Factor : 5
 Date & Time Acquired :: 2018-07-13 16:23:29 DataFile Name : 044SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3927	3904	3944	3925	0.51	cps
Molybdenum	94-1	1358	1642	1617	1539	10.19	cps
Molybdenum	95-1	1675	1742	1809	1742	3.83	cps
Molybdenum	96-1	2542	2142	2084	2256	11.06	cps
Molybdenum	97-1	1333	1200	1200	1245	6.19	cps
Molybdenum	98-1	2784	2900	3076	2920	5.03	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3154	3127	3164	3148	0.60	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3701	3942	3759	3801	3.32	cps
Rhodium	103-1	8790615	8740015	8647262	8725964	0.83	cps
Rhodium	103-2	2239274	2016833	2221319	2159142	5.72	cps
Scandium	45-1	5023482	5027854	4977911	5009749	0.55	cps
Scandium	45-2	33637	29592	33584	32271	7.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	21	41	74	46	58.85	cps
Silicon	28-1	6281068	6326149	6325264	6310827	0.41	cps
Silver	109-1	725	683	658	689	4.89	cps
Silver	107-1	758	783	633	725	11.08	cps
Sodium	23-2	442108	439772	436284	439388	0.67	cps
Strontium	86-1	180958	182653	179879	181163	0.77	cps
Strontium	88-1	1587221	1604615	1606424	1599420	0.66	cps
Sulfur	34-1	286340	282627	282998	283988	0.72	cps
Terbium	159-1	13377594	13326246	13214526	13306122	0.63	cps
Terbium	159-2	2236738	2026536	2260958	2174744	5.93	cps
Thallium	203-1	150	275	167	197	34.41	cps
Thallium	205-1	383	458	392	411	10.00	cps
Tin	118-1	2775	2759	2600	2712	3.56	cps
Titanium	47-1	208	208	158	192	15.06	cps
Uranium	238-1	50	33	83	56	45.82	cps
Vanadium	51-2	87	103	63	84	23.80	cps
Yttrium	89-1	9637175	9419875	9448987	9502012	1.24	cps
Yttrium	89-2	239159	215762	237657	230859	5.67	cps
Zinc	66-2	163	110	127	133	20.47	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-13 16:23:29	DataFile Name :	044SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1400	1283	1339	4.37	cps
Zirconium	91-1	358	292	317	322	10.45	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:26:48 DataFile Name : 045SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32998	33900	32354	33084	2.35	cps
Antimony	121-1	3560273	3578443	3609529	3582748	0.70	cps
Arsenic	75-2	30571	30450	30320	30447	0.41	cps
Barium	135-1	4410544	4407620	4391668	4403277	0.23	cps
Barium	137-1	7705922	7673578	7689176	7689559	0.21	cps
Beryllium	9-1	432362	429788	429523	430558	0.36	cps
Bismuth	209-1	8225101	8194817	7718516	8046145	3.53	cps
Bismuth	209-2	1762190	1792800	1792731	1782574	0.99	cps
Boron	10-1	65961	68523	69293	67926	2.57	cps
Boron	11-1	307328	312054	321502	313628	2.30	cps
Cadmium	111-1	725598	733701	724329	727876	0.70	cps
Cadmium	106-1	76349	77003	78151	77168	1.18	cps
Cadmium	108-1	51168	51783	52163	51704	0.97	cps
Calcium	43-1	2272855	2262892	2271585	2269111	0.24	cps
Calcium	44-1	36230476	35876074	36501127	36202559	0.87	cps
Chromium	52-2	258082	259651	254980	257571	0.92	cps
Cobalt	59-2	583451	581258	573793	579501	0.87	cps
Copper	63-2	993462	987342	986054	988953	0.40	cps
Dysprosium	156-1	67	50	75	64	19.93	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	50	108	92	83	36.06	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	12540828	12511647	11751584	12268020	3.65	cps
Holmium	165-2	2156032	2191550	2204354	2183979	1.15	cps
Indium	115-1	8696859	8821350	8198014	8572075	3.85	cps
Indium	115-2	279036	277475	278934	278481	0.31	cps
Iron	56-2	11779674	11805735	11622051	11735820	0.85	cps
Iron	57-2	293457	293725	289532	292238	0.80	cps
Krypton	83-1	307	297	303	302	1.68	cps
Lead	206-1	2694505	2703058	2720635	2706066	0.49	cps
Lead	207-1	2390284	2381894	2400086	2390755	0.38	cps
Lead	208-1	10886396	10883755	11078322	10949491	1.02	cps
Lithium	6-1	1953482	1973625	1901889	1942999	1.90	cps
Magnesium	24-2	1193581	1177449	1158359	1176463	1.50	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:26:48	DataFile Name :	045SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	148105	146620	145845	146857	0.78	cps
Molybdenum	94-1	5738457	5766994	5690099	5731850	0.68	cps
Molybdenum	95-1	6878055	6882250	6884636	6881647	0.05	cps
Molybdenum	96-1	7727954	7700417	7721035	7716469	0.19	cps
Molybdenum	97-1	4447087	4460597	4444576	4450753	0.19	cps
Molybdenum	98-1	11097841	11189136	11170123	11152367	0.43	cps
Neodymium	150-1	187	227	227	213	10.83	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	187595	186362	184386	186114	0.87	cps
Phosphorus	31-2	8	33	25	22	57.30	cps
Potassium	39-2	216076	217224	214104	215801	0.73	cps
Rhodium	103-1	7904981	7957323	7385704	7749336	4.08	cps
Rhodium	103-2	1966922	1988174	1987580	1980892	0.61	cps
Scandium	45-1	4552851	4532735	4395291	4493625	1.91	cps
Scandium	45-2	29274	29244	29535	29351	0.54	cps
Selenium	77-2	153	143	183	160	13.01	cps
Selenium	78-2	602	580	654	612	6.21	cps
Selenium	82-1	43844	43775	44141	43920	0.44	cps
Silicon	28-1	30797828	30432690	30763098	30664539	0.66	cps
Silver	109-1	2792642	2816120	2805133	2804631	0.42	cps
Silver	107-1	2931490	2943900	2974174	2949855	0.74	cps
Sodium	23-2	4264552	4283457	4212490	4253500	0.86	cps
Strontium	86-1	1808627	1813001	1821375	1814334	0.36	cps
Strontium	88-1	15490391	15329699	15427740	15415944	0.53	cps
Sulfur	34-1	260169	258260	258896	259108	0.38	cps
Terbium	159-1	12664771	12783799	12015008	12487859	3.31	cps
Terbium	159-2	2053324	2095724	2083342	2077464	1.05	cps
Thallium	203-1	3320847	3342032	3337821	3333567	0.34	cps
Thallium	205-1	7882884	7851263	7892169	7875439	0.27	cps
Tin	118-1	2279661	2342858	2356549	2326356	1.76	cps
Titanium	47-1	1681187	1663273	1665015	1669825	0.59	cps
Uranium	238-1	10956108	10926930	11127826	11003621	0.99	cps
Vanadium	51-2	189246	189936	188384	189188	0.41	cps
Yttrium	89-1	8826900	8809938	8191185	8609341	4.21	cps
Yttrium	89-2	210351	208181	210457	209663	0.61	cps
Zinc	66-2	76422	75829	75410	75887	0.67	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:26:48	DataFile Name :	045SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4907469	4884177	4864183	4885276	0.44	cps
Zirconium	91-1	1072922	1062445	1057768	1064378	0.73	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-180709MS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:29:58 DataFile Name : 046SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32630	33549	33340	33173	1.45	cps
Antimony	121-1	3656833	3684791	3635568	3659064	0.67	cps
Arsenic	75-2	30899	30632	30322	30618	0.94	cps
Barium	135-1	4521272	4474563	4478406	4491414	0.58	cps
Barium	137-1	7749239	7871384	7899511	7840044	1.02	cps
Beryllium	9-1	438545	440804	435102	438151	0.66	cps
Bismuth	209-1	8267135	8189557	8174170	8210287	0.61	cps
Bismuth	209-2	1768367	1801734	1789194	1786432	0.94	cps
Boron	10-1	69628	70716	73062	71135	2.47	cps
Boron	11-1	316744	325259	331287	324430	2.25	cps
Cadmium	111-1	749780	746841	750667	749096	0.27	cps
Cadmium	106-1	79258	78998	77942	78733	0.89	cps
Cadmium	108-1	52699	53744	52473	52972	1.28	cps
Calcium	43-1	2307774	2289719	2325691	2307728	0.78	cps
Calcium	44-1	36935039	36999221	37069437	37001232	0.18	cps
Chromium	52-2	259481	260861	259824	260056	0.28	cps
Cobalt	59-2	588975	589880	585938	588264	0.35	cps
Copper	63-2	1001622	993410	994412	996481	0.45	cps
Dysprosium	156-1	92	42	75	69	36.66	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	58	92	50	67	33.07	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	12573163	12739055	12572767	12628328	0.76	cps
Holmium	165-2	2173760	2188588	2166315	2176221	0.52	cps
Indium	115-1	8772896	8798879	8801290	8791022	0.18	cps
Indium	115-2	279550	277235	277368	278051	0.47	cps
Iron	56-2	11880892	11823260	11766794	11823649	0.48	cps
Iron	57-2	296083	295953	295572	295869	0.09	cps
Krypton	83-1	263	317	280	287	9.52	cps
Lead	206-1	2787050	2760794	2777040	2774961	0.48	cps
Lead	207-1	2435353	2438104	2448466	2440641	0.28	cps
Lead	208-1	11171533	11183508	11259697	11204913	0.43	cps
Lithium	6-1	1963032	1985855	1969855	1972914	0.59	cps
Magnesium	24-2	1187582	1169712	1183948	1180414	0.80	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:29:58	DataFile Name :	046SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147963	146343	145774	146694	0.77	cps
Molybdenum	94-1	5893508	5828193	5790497	5837400	0.89	cps
Molybdenum	95-1	6965074	6993198	6924021	6960764	0.50	cps
Molybdenum	96-1	7841802	7932894	7809625	7861440	0.81	cps
Molybdenum	97-1	4447999	4570032	4522962	4513664	1.36	cps
Molybdenum	98-1	11340996	11330542	11309878	11327139	0.14	cps
Neodymium	150-1	147	180	193	173	13.87	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	189737	189540	190136	189804	0.16	cps
Phosphorus	31-2	8	33	25	22	57.29	cps
Potassium	39-2	217554	215783	214698	216012	0.67	cps
Rhodium	103-1	8008873	7977593	7926309	7970925	0.52	cps
Rhodium	103-2	1966059	1963138	1932169	1953789	0.96	cps
Scandium	45-1	4600304	4616146	4607526	4607992	0.17	cps
Scandium	45-2	29224	29394	28740	29119	1.17	cps
Selenium	77-2	230	170	180	193	16.63	cps
Selenium	78-2	674	578	609	620	7.92	cps
Selenium	82-1	44769	45341	44780	44963	0.73	cps
Silicon	28-1	31517093	31504600	31479739	31500477	0.06	cps
Silver	109-1	2873198	2884016	2886115	2881110	0.24	cps
Silver	107-1	3003471	2972648	2944013	2973377	1.00	cps
Sodium	23-2	4273644	4196886	4222042	4230858	0.92	cps
Strontium	86-1	1849805	1848970	1847576	1848783	0.06	cps
Strontium	88-1	15797936	15838912	15894283	15843710	0.31	cps
Sulfur	34-1	257047	257252	257707	257335	0.13	cps
Terbium	159-1	12753927	12870534	12794750	12806403	0.46	cps
Terbium	159-2	2053713	2061035	2057041	2057263	0.18	cps
Thallium	203-1	3431338	3440054	3406375	3425922	0.51	cps
Thallium	205-1	8101043	8138016	8124904	8121321	0.23	cps
Tin	118-1	2383100	2372611	2348227	2367979	0.76	cps
Titanium	47-1	1672844	1680728	1694012	1682528	0.64	cps
Uranium	238-1	11148915	11262609	11269011	11226845	0.60	cps
Vanadium	51-2	192462	190513	190050	191008	0.67	cps
Yttrium	89-1	8783957	8862811	8831582	8826117	0.45	cps
Yttrium	89-2	205777	206770	208173	206907	0.58	cps
Zinc	66-2	76027	75782	75859	75890	0.17	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709M	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:29:58	DataFile Name :	046SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4948391	4972408	5013062	4977954	0.66	cps
Zirconium	91-1	1093721	1094647	1092943	1093771	0.08	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:33:10	DataFile Name :	047SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33549	33215	33423	33396	0.51	cps
Antimony	121-1	3617562	3600929	3625933	3614808	0.35	cps
Arsenic	75-2	30331	30088	30827	30416	1.24	cps
Barium	135-1	4451811	4378737	4427964	4419504	0.84	cps
Barium	137-1	7764064	7703825	7764947	7744279	0.45	cps
Beryllium	9-1	432839	435113	433700	433884	0.26	cps
Bismuth	209-1	8182269	8181934	8139090	8167764	0.30	cps
Bismuth	209-2	1739957	1793934	1768598	1767496	1.53	cps
Boron	10-1	69518	73019	72173	71570	2.55	cps
Boron	11-1	316826	325062	329749	323879	2.02	cps
Cadmium	111-1	737501	736942	734540	736328	0.21	cps
Cadmium	106-1	76936	77338	77196	77157	0.26	cps
Cadmium	108-1	52573	51473	52498	52181	1.18	cps
Calcium	43-1	2231393	2253947	2267164	2250835	0.80	cps
Calcium	44-1	36239567	36703306	36572526	36505133	0.65	cps
Chromium	52-2	258925	257146	256660	257577	0.46	cps
Cobalt	59-2	583711	582924	584654	583763	0.15	cps
Copper	63-2	993917	988928	994708	992518	0.32	cps
Dysprosium	156-1	50	92	83	75	29.40	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	67	33	75	58	37.80	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	108	142	117	122	14.19	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	12523700	12666358	12539663	12576573	0.62	cps
Holmium	165-2	2208709	2174499	2202394	2195201	0.83	cps
Indium	115-1	8710326	8779926	8779505	8756586	0.46	cps
Indium	115-2	276801	278934	277962	277899	0.38	cps
Iron	56-2	11757011	11658548	11695187	11703582	0.43	cps
Iron	57-2	294890	292919	293134	293648	0.37	cps
Krypton	83-1	253	267	283	268	5.61	cps
Lead	206-1	2741160	2753284	2726709	2740384	0.49	cps
Lead	207-1	2406391	2428639	2421664	2418898	0.47	cps
Lead	208-1	10990890	11075696	11066937	11044508	0.42	cps
Lithium	6-1	1941119	1956674	1976811	1958201	0.91	cps
Magnesium	24-2	1156139	1161108	1143305	1153518	0.80	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:33:10	DataFile Name :	047SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147203	145717	145330	146083	0.68	cps
Molybdenum	94-1	5794502	5758985	5679749	5744412	1.02	cps
Molybdenum	95-1	6902661	6897980	6949072	6916571	0.41	cps
Molybdenum	96-1	7750041	7744611	7668716	7721123	0.59	cps
Molybdenum	97-1	4421563	4419175	4446236	4428991	0.34	cps
Molybdenum	98-1	11225338	11237433	11188535	11217102	0.23	cps
Neodymium	150-1	160	133	133	142	10.83	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	189750	188023	188793	188856	0.46	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	216233	213072	215037	214781	0.74	cps
Rhodium	103-1	7894558	7933838	7935301	7921232	0.29	cps
Rhodium	103-2	1989575	1970768	1950025	1970123	1.00	cps
Scandium	45-1	4571049	4568314	4577453	4572272	0.10	cps
Scandium	45-2	28983	28920	29297	29067	0.70	cps
Selenium	77-2	140	160	197	166	17.36	cps
Selenium	78-2	661	596	619	625	5.27	cps
Selenium	82-1	44253	44103	44311	44222	0.24	cps
Silicon	28-1	30948639	31091193	30819990	30953274	0.44	cps
Silver	109-1	2802237	2839406	2807467	2816370	0.71	cps
Silver	107-1	2960271	2974050	2955862	2963394	0.32	cps
Sodium	23-2	4232309	4210601	4207061	4216657	0.32	cps
Strontium	86-1	1825519	1814058	1829480	1823019	0.44	cps
Strontium	88-1	15474795	15588156	15514694	15525881	0.37	cps
Sulfur	34-1	253163	252991	253095	253083	0.03	cps
Terbium	159-1	12786287	12723517	12831090	12780298	0.42	cps
Terbium	159-2	2062052	2040199	2033526	2045259	0.73	cps
Thallium	203-1	3384967	3382949	3367312	3378409	0.29	cps
Thallium	205-1	7971736	8010054	8057031	8012940	0.53	cps
Tin	118-1	2356784	2393926	2379783	2376831	0.79	cps
Titanium	47-1	1682918	1676239	1654528	1671228	0.89	cps
Uranium	238-1	11042919	11212870	11154766	11136852	0.78	cps
Vanadium	51-2	191836	187402	188274	189171	1.24	cps
Yttrium	89-1	8792489	8816463	8708883	8772612	0.64	cps
Yttrium	89-2	208065	206351	207197	207205	0.41	cps
Zinc	66-2	75699	75675	75749	75708	0.05	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-180709A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:33:10	DataFile Name :	047SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4917402	4908800	4902145	4909449	0.16	cps
Zirconium	91-1	1079950	1079651	1079656	1079753	0.02	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-04 Instrumnet Name : P8
 Client Sample ID : SS038RW151-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:36:22 DataFile Name : 048SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	17	33	66.14	cps
Antimony	121-1	6018	6118	6318	6152	2.48	cps
Arsenic	75-2	1228	1352	1332	1304	5.10	cps
Barium	135-1	1765422	1773199	1791495	1776706	0.75	cps
Barium	137-1	3138345	3160135	3124005	3140828	0.58	cps
Beryllium	9-1	322	378	250	317	20.23	cps
Bismuth	209-1	8550945	8329112	8476754	8452270	1.34	cps
Bismuth	209-2	1803901	1826959	1836845	1822568	0.93	cps
Boron	10-1	21258	21776	22802	21945	3.58	cps
Boron	11-1	98772	102927	100693	100797	2.06	cps
Cadmium	111-1	1293	1249	1163	1235	5.36	cps
Cadmium	106-1	1650	1575	1450	1558	6.48	cps
Cadmium	108-1	29	17	21	22	28.64	cps
Calcium	43-1	1601642	1603165	1586628	1597145	0.57	cps
Calcium	44-1	25363385	25692910	25507077	25521124	0.65	cps
Chromium	52-2	620	550	477	549	13.06	cps
Cobalt	59-2	8436	8746	8179	8454	3.36	cps
Copper	63-2	2797	2937	2817	2850	2.66	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	150	142	108	133	16.54	cps
Erbium	164-2	20	7	30	19	61.96	cps
Gadolinium	160-1	67	58	92	72	24.02	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	12983138	12632157	12711852	12775716	1.44	cps
Holmium	165-2	2176629	2205190	2227053	2202957	1.15	cps
Indium	115-1	9019660	8949014	9012933	8993869	0.43	cps
Indium	115-2	284088	284163	285726	284659	0.32	cps
Iron	56-2	2865566	2895951	2865888	2875802	0.61	cps
Iron	57-2	70651	71907	69880	70813	1.44	cps
Krypton	83-1	290	260	300	283	7.35	cps
Lead	206-1	1617	1589	1433	1546	6.39	cps
Lead	207-1	1317	1339	1245	1300	3.80	cps
Lead	208-1	6251	6151	6017	6140	1.91	cps
Lithium	6-1	1948321	1983787	1978793	1970300	0.97	cps
Magnesium	24-2	197858	201693	202206	200586	1.18	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:36:22	DataFile Name :	048SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87636	88702	87197	87845	0.88	cps
Molybdenum	94-1	5176	5143	4418	4912	8.73	cps
Molybdenum	95-1	5535	5585	5126	5415	4.65	cps
Molybdenum	96-1	6468	5768	5535	5924	8.20	cps
Molybdenum	97-1	3451	3642	2859	3317	12.31	cps
Molybdenum	98-1	9579	8295	8211	8695	8.82	cps
Neodymium	150-1	100	47	87	78	35.69	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	26996	26739	26395	26710	1.13	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	14199	14283	13749	14077	2.04	cps
Rhodium	103-1	8173693	8061941	8127407	8121014	0.69	cps
Rhodium	103-2	1973205	1999354	2003267	1991942	0.82	cps
Scandium	45-1	4700428	4641891	4637810	4660043	0.75	cps
Scandium	45-2	28653	29257	28920	28943	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	48	78	30	52	47.14	cps
Silicon	28-1	26666218	26881114	26798744	26782025	0.40	cps
Silver	109-1	767	817	825	803	3.93	cps
Silver	107-1	950	925	908	928	2.26	cps
Sodium	23-2	3181624	3215204	3202618	3199815	0.53	cps
Strontium	86-1	1036714	1050138	1056217	1047690	0.95	cps
Strontium	88-1	9003288	9037694	9088784	9043255	0.48	cps
Sulfur	34-1	378217	380389	377722	378776	0.37	cps
Terbium	159-1	13054832	12885621	12906952	12949135	0.71	cps
Terbium	159-2	2067848	2091067	2062812	2073909	0.73	cps
Thallium	203-1	1575	1725	1534	1611	6.26	cps
Thallium	205-1	4176	3751	3659	3862	7.14	cps
Tin	118-1	32407	32574	32323	32435	0.39	cps
Titanium	47-1	908	975	850	911	6.87	cps
Uranium	238-1	21436	20176	21152	20921	3.16	cps
Vanadium	51-2	2284	2480	2430	2398	4.26	cps
Yttrium	89-1	9001581	8882236	8938352	8940723	0.67	cps
Yttrium	89-2	207610	209105	209072	208595	0.41	cps
Zinc	66-2	950	920	860	910	5.04	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:36:22	DataFile Name :	048SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5776	4834	4801	5137	10.78	cps
Zirconium	91-1	1350	1283	1133	1256	8.84	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3034	2925	2925	2962	2.11	cps
Antimony	121-1	6435	6152	6710	6432	4.34	cps
Arsenic	75-2	94	91	94	93	2.30	cps
Barium	135-1	216954	218983	219991	218643	0.71	cps
Barium	137-1	383855	386393	391109	387119	0.95	cps
Beryllium	9-1	261	233	283	259	9.66	cps
Bismuth	209-1	8768126	8635454	8651151	8684910	0.83	cps
Bismuth	209-2	1924080	1887353	1805903	1872446	3.23	cps
Boron	10-1	32989	35002	34910	34300	3.31	cps
Boron	11-1	157968	160825	163343	160712	1.67	cps
Cadmium	111-1	1341	1237	1303	1294	4.09	cps
Cadmium	106-1	1742	1675	1700	1706	1.97	cps
Cadmium	108-1	4	33	29	22	70.97	cps
Calcium	43-1	2067813	2043788	2072242	2061281	0.74	cps
Calcium	44-1	33057223	33134612	33418159	33203331	0.57	cps
Chromium	52-2	4424	4291	4204	4306	2.57	cps
Cobalt	59-2	3370	3047	3424	3280	6.21	cps
Copper	63-2	5291	5288	5471	5350	1.96	cps
Dysprosium	156-1	2234	2192	2034	2153	4.90	cps
Dysprosium	156-2	423	367	363	384	8.77	cps
Erbium	164-1	2042	1934	1784	1920	6.76	cps
Erbium	164-2	367	307	257	310	17.77	cps
Gadolinium	160-1	1834	1942	1942	1906	3.28	cps
Gadolinium	160-2	423	370	477	423	12.60	cps
Holmium	165-1	13130714	13071517	12954014	13052082	0.69	cps
Holmium	165-2	2266102	2268981	2148038	2227707	3.10	cps
Indium	115-1	9291299	9331788	9249212	9290766	0.44	cps
Indium	115-2	294348	294869	280176	289797	2.88	cps
Iron	56-2	300153	298676	301545	300125	0.48	cps
Iron	57-2	7497	7797	7191	7495	4.04	cps
Krypton	83-1	263	237	230	243	7.25	cps
Lead	206-1	5618	5396	5563	5525	2.09	cps
Lead	207-1	4423	4234	4290	4316	2.25	cps
Lead	208-1	21358	21135	21480	21324	0.82	cps
Lithium	6-1	1989473	1978181	1959494	1975716	0.77	cps
Magnesium	24-2	182067	182218	181773	182019	0.12	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22211	22495	22235	22314	0.71	cps
Molybdenum	94-1	6394	5994	6899	6429	7.05	cps
Molybdenum	95-1	2659	2334	2442	2478	6.68	cps
Molybdenum	96-1	3351	3551	3451	3451	2.90	cps
Molybdenum	97-1	1767	1650	1525	1647	7.34	cps
Molybdenum	98-1	4067	4184	4009	4087	2.18	cps
Neodymium	150-1	2907	3188	3081	3059	4.63	cps
Neodymium	150-2	383	297	363	348	13.05	cps
Nickel	60-2	12943	12886	13043	12957	0.61	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	18538	18279	18187	18335	0.99	cps
Rhodium	103-1	8318541	8329552	8310703	8319599	0.11	cps
Rhodium	103-2	2061154	2022072	1939797	2007674	3.09	cps
Scandium	45-1	4767364	4729674	4687964	4728334	0.84	cps
Scandium	45-2	29785	30162	29241	29729	1.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	95	98	85	92	7.38	cps
Silicon	28-1	35862559	35637815	35974949	35825108	0.48	cps
Silver	109-1	650	750	567	656	14.00	cps
Silver	107-1	842	708	742	764	9.08	cps
Sodium	23-2	2278550	2268061	2252941	2266517	0.57	cps
Strontium	86-1	644525	644092	644215	644277	0.03	cps
Strontium	88-1	5592007	5637080	5667112	5632066	0.67	cps
Sulfur	34-1	588363	580629	584697	584563	0.66	cps
Terbium	159-1	13294390	13287508	13132869	13238256	0.69	cps
Terbium	159-2	2148431	2146605	2037022	2110686	3.02	cps
Thallium	203-1	867	833	917	872	4.81	cps
Thallium	205-1	2234	2309	2225	2256	2.03	cps
Tin	118-1	23622	24306	24390	24106	1.75	cps
Titanium	47-1	15856	13452	12372	13894	12.84	cps
Uranium	238-1	26412	26763	26830	26668	0.84	cps
Vanadium	51-2	4104	3967	3954	4008	2.07	cps
Yttrium	89-1	9233279	9178328	9263688	9225098	0.47	cps
Yttrium	89-2	216177	217365	203933	212492	3.50	cps
Zinc	66-2	603	637	653	631	4.03	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-05	Instrumnet Name :	P8
Client Sample ID :	SS052MW769-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:39:39	DataFile Name :	049SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14854	11758	12787	13133	12.01	cps
Zirconium	91-1	2817	3650	2968	3145	14.10	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225092	219303	223246	222547	1.33	cps
Antimony	121-1	3347447	3378260	3367578	3364428	0.47	cps
Arsenic	75-2	32878	32232	32549	32553	0.99	cps
Barium	135-1	4079816	4100104	4100663	4093528	0.29	cps
Barium	137-1	7215422	7086742	7093531	7131899	1.02	cps
Beryllium	9-1	482958	484836	488659	485484	0.60	cps
Bismuth	209-1	8169100	8111895	8156207	8145734	0.37	cps
Bismuth	209-2	1930662	1920604	1849152	1900139	2.34	cps
Boron	10-1	57875	59365	59014	58751	1.33	cps
Boron	11-1	266372	269802	278420	271531	2.29	cps
Cadmium	111-1	765985	769754	772043	769261	0.40	cps
Cadmium	106-1	81798	82192	84036	82675	1.45	cps
Cadmium	108-1	54937	54502	53707	54382	1.15	cps
Calcium	43-1	3875905	3867786	3873877	3872523	0.11	cps
Calcium	44-1	62999887	63158724	63462979	63207197	0.37	cps
Chromium	52-2	316039	314167	313755	314654	0.39	cps
Cobalt	59-2	672372	666766	667857	668998	0.44	cps
Copper	63-2	1143420	1131845	1134200	1136489	0.54	cps
Dysprosium	156-1	117	75	100	97	21.57	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	117	83	133	111	22.91	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	12983591	13025863	13059182	13022879	0.29	cps
Holmium	165-2	2429241	2404433	2362389	2398688	1.41	cps
Indium	115-1	9309314	9234910	9261437	9268554	0.41	cps
Indium	115-2	321667	321164	314264	319032	1.30	cps
Iron	56-2	50611287	50267857	49765036	50214727	0.85	cps
Iron	57-2	1265556	1255311	1248720	1256529	0.68	cps
Krypton	83-1	247	240	290	259	10.49	cps
Lead	206-1	2725616	2713092	2721246	2719984	0.23	cps
Lead	207-1	2500622	2478478	2492466	2490522	0.45	cps
Lead	208-1	11189663	11087584	11197829	11158359	0.55	cps
Lithium	6-1	1808832	1784572	1817172	1803525	0.94	cps
Magnesium	24-2	5785717	5678707	5674218	5712881	1.10	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162623	159748	162303	161558	0.98	cps
Molybdenum	94-1	6419175	6386301	6362818	6389431	0.44	cps
Molybdenum	95-1	7827198	7827572	7767989	7807586	0.44	cps
Molybdenum	96-1	8649059	8655908	8645189	8650052	0.06	cps
Molybdenum	97-1	4992930	4982607	4987999	4987845	0.10	cps
Molybdenum	98-1	12526692	12638447	12609989	12591710	0.46	cps
Neodymium	150-1	200	173	93	156	35.68	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	199361	197208	198348	198305	0.54	cps
Phosphorus	31-2	3075	2634	2709	2806	8.42	cps
Potassium	39-2	1367727	1336983	1340267	1348326	1.25	cps
Rhodium	103-1	8395061	8295356	8310703	8333707	0.64	cps
Rhodium	103-2	2148332	2143365	2074630	2122109	1.94	cps
Scandium	45-1	5183215	5151444	5145463	5160041	0.39	cps
Scandium	45-2	35852	34873	35291	35339	1.39	cps
Selenium	77-2	233	203	180	206	13.01	cps
Selenium	78-2	737	735	752	741	1.23	cps
Selenium	82-1	45870	46191	45751	45937	0.50	cps
Silicon	28-1	1775890	1764393	1799469	1779917	1.00	cps
Silver	109-1	3676780	3713579	3734476	3708278	0.79	cps
Silver	107-1	3874543	3883677	3896816	3885012	0.29	cps
Sodium	23-2	13014952	12941258	12908746	12954986	0.42	cps
Strontium	86-1	967900	977220	973367	972829	0.48	cps
Strontium	88-1	8399371	8492957	8436672	8443000	0.56	cps
Sulfur	34-1	514411	515038	515477	514975	0.10	cps
Terbium	159-1	13315855	13183197	13235633	13244895	0.50	cps
Terbium	159-2	2295750	2290887	2221186	2269274	1.84	cps
Thallium	203-1	3344859	3369013	3364848	3359574	0.38	cps
Thallium	205-1	7932318	7937315	7883357	7917663	0.38	cps
Tin	118-1	2673162	2640674	2673502	2662446	0.71	cps
Titanium	47-1	1982131	1987913	2000682	1990242	0.48	cps
Uranium	238-1	11037320	11067932	11032948	11046067	0.17	cps
Vanadium	51-2	227801	222341	224736	224959	1.22	cps
Yttrium	89-1	9490005	9443718	9571260	9501661	0.68	cps
Yttrium	89-2	247984	245059	239280	244108	1.81	cps
Zinc	66-2	92190	91868	92103	92054	0.18	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:42:58	DataFile Name :	050CCV_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5293011	5335780	5353351	5327380	0.58	cps
Zirconium	91-1	1173965	1167847	1178914	1173575	0.47	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	9554	8353	7402	8436	12.78	cps
Arsenic	75-2	11	6	11	9	34.60	cps
Barium	135-1	317	317	175	269	30.36	cps
Barium	137-1	667	533	417	539	23.21	cps
Beryllium	9-1	433	289	300	341	23.59	cps
Bismuth	209-1	8521948	8522116	8405247	8483104	0.79	cps
Bismuth	209-2	2046527	1996914	2033559	2025667	1.27	cps
Boron	10-1	3709	3259	3017	3328	10.55	cps
Boron	11-1	16393	16076	14383	15617	6.92	cps
Cadmium	111-1	1456	1415	1451	1441	1.54	cps
Cadmium	106-1	1867	1842	1884	1864	1.13	cps
Cadmium	108-1	38	17	25	26	39.73	cps
Calcium	43-1	700	617	600	639	8.39	cps
Calcium	44-1	20491	19940	18304	19578	5.81	cps
Chromium	52-2	473	403	423	433	8.32	cps
Cobalt	59-2	47	70	53	57	21.21	cps
Copper	63-2	740	653	733	709	6.80	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	33	67	17	39	65.47	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	13108725	12889096	12854839	12950886	1.06	cps
Holmium	165-2	2461724	2414064	2420358	2432049	1.06	cps
Indium	115-1	9599849	9582238	9493359	9558482	0.60	cps
Indium	115-2	336581	335726	338381	336896	0.40	cps
Iron	56-2	3689	3150	2795	3212	14.03	cps
Iron	57-2	111	67	106	94	25.64	cps
Krypton	83-1	277	300	300	292	4.61	cps
Lead	206-1	539	478	394	470	15.42	cps
Lead	207-1	456	461	378	432	10.80	cps
Lead	208-1	2356	2017	1750	2041	14.87	cps
Lithium	6-1	1882045	1863863	1847397	1864435	0.93	cps
Magnesium	24-2	408	342	317	356	13.33	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	37	43	37	18.18	cps
Molybdenum	94-1	3709	3284	3242	3412	7.57	cps
Molybdenum	95-1	4509	4117	3401	4009	14.02	cps
Molybdenum	96-1	5018	4268	4034	4440	11.58	cps
Molybdenum	97-1	2500	2242	2334	2359	5.55	cps
Molybdenum	98-1	6935	5710	5376	6007	13.67	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	57	70	69	16.99	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1558	1700	1909	1722	10.22	cps
Rhodium	103-1	8910623	8908081	8796254	8871653	0.74	cps
Rhodium	103-2	2289420	2258422	2281263	2276368	0.71	cps
Scandium	45-1	5209259	5181667	5130774	5173900	0.77	cps
Scandium	45-2	35415	34920	35976	35437	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	32	-25	-4	1	2408.06	cps
Silicon	28-1	225032	224153	223639	224275	0.31	cps
Silver	109-1	808	775	675	753	9.22	cps
Silver	107-1	717	908	750	792	12.94	cps
Sodium	23-2	6777	6227	6210	6405	5.04	cps
Strontium	86-1	650	525	475	550	16.39	cps
Strontium	88-1	708	792	617	706	12.41	cps
Sulfur	34-1	295453	296048	294535	295345	0.26	cps
Terbium	159-1	13232259	13281366	13242313	13251979	0.20	cps
Terbium	159-2	2333525	2304796	2303665	2313995	0.73	cps
Thallium	203-1	842	775	850	822	5.00	cps
Thallium	205-1	2325	2592	1700	2206	20.75	cps
Tin	118-1	3442	3326	2967	3245	7.63	cps
Titanium	47-1	408	158	250	272	46.46	cps
Uranium	238-1	933	750	600	761	21.93	cps
Vanadium	51-2	23	13	7	14	58.06	cps
Yttrium	89-1	9668242	9561280	9588507	9606010	0.58	cps
Yttrium	89-2	248803	247813	251374	249330	0.74	cps
Zinc	66-2	63	70	67	67	5.00	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:46:08	DataFile Name :	051CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3292	3084	2675	3017	10.40	cps
Zirconium	91-1	650	600	575	608	6.28	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	17	36	48.03	cps
Antimony	121-1	18322	13775	11555	14551	23.70	cps
Arsenic	75-2	25013	24885	24292	24730	1.56	cps
Barium	135-1	287267	290594	289690	289184	0.59	cps
Barium	137-1	503049	505134	506525	504903	0.35	cps
Beryllium	9-1	167	256	144	189	31.13	cps
Bismuth	209-1	8425214	8404388	8314405	8381336	0.70	cps
Bismuth	209-2	1818417	1708132	1772406	1766318	3.14	cps
Boron	10-1	28855	28680	29022	28852	0.59	cps
Boron	11-1	129992	134408	136386	133595	2.45	cps
Cadmium	111-1	1210	1313	1256	1260	4.11	cps
Cadmium	106-1	1458	1634	1567	1553	5.69	cps
Cadmium	108-1	33	25	17	25	33.32	cps
Calcium	43-1	2136912	2133179	2132665	2134252	0.11	cps
Calcium	44-1	34403930	34500205	34475127	34459754	0.14	cps
Chromium	52-2	740	697	637	691	7.51	cps
Cobalt	59-2	3084	3084	2987	3052	1.83	cps
Copper	63-2	3931	3977	3927	3945	0.71	cps
Dysprosium	156-1	92	67	75	78	16.37	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	183	150	117	150	22.22	cps
Erbium	164-2	20	33	37	30	29.40	cps
Gadolinium	160-1	133	117	125	125	6.67	cps
Gadolinium	160-2	23	20	7	17	52.90	cps
Holmium	165-1	12788281	12796805	12577278	12720788	0.98	cps
Holmium	165-2	2189813	2078277	2123270	2130454	2.63	cps
Indium	115-1	9018640	8958655	8960987	8979428	0.38	cps
Indium	115-2	280473	265348	277159	274327	2.90	cps
Iron	56-2	10738567	10601645	10682051	10674088	0.64	cps
Iron	57-2	267202	267255	264805	266421	0.53	cps
Krypton	83-1	300	270	267	279	6.58	cps
Lead	206-1	2739	2839	2884	2821	2.62	cps
Lead	207-1	2317	2267	2367	2317	2.16	cps
Lead	208-1	10824	11024	10741	10863	1.34	cps
Lithium	6-1	1903246	1921547	1912530	1912441	0.48	cps
Magnesium	24-2	315061	309444	310743	311749	0.94	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57360	58341	57833	57845	0.85	cps
Molybdenum	94-1	7694	6485	5726	6635	14.96	cps
Molybdenum	95-1	4901	5276	4993	5057	3.87	cps
Molybdenum	96-1	6519	6202	5993	6238	4.24	cps
Molybdenum	97-1	3009	3201	3192	3134	3.46	cps
Molybdenum	98-1	7844	8111	7744	7900	2.40	cps
Neodymium	150-1	80	80	100	87	13.32	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	69040	67945	68079	68355	0.87	cps
Phosphorus	31-2	58	67	50	58	14.29	cps
Potassium	39-2	18004	18313	18104	18140	0.87	cps
Rhodium	103-1	8008905	8032571	7972680	8004719	0.38	cps
Rhodium	103-2	1981752	1872408	1952949	1935703	2.93	cps
Scandium	45-1	4658120	4585976	4605951	4616682	0.81	cps
Scandium	45-2	28867	27447	28078	28131	2.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	57	92	94	81	25.75	cps
Silicon	28-1	39296908	38891347	38776107	38988121	0.70	cps
Silver	109-1	1875	1567	1492	1645	12.35	cps
Silver	107-1	1950	1483	1408	1614	18.19	cps
Sodium	23-2	4511380	4451792	4437087	4466753	0.88	cps
Strontium	86-1	1297367	1285473	1287537	1290126	0.49	cps
Strontium	88-1	11187197	11166426	11297199	11216941	0.63	cps
Sulfur	34-1	1302045	1304987	1298930	1301987	0.23	cps
Terbium	159-1	12947203	12958816	12828657	12911559	0.56	cps
Terbium	159-2	2066219	1981213	2035536	2027656	2.12	cps
Thallium	203-1	1192	1067	842	1033	17.17	cps
Thallium	205-1	3017	2409	2042	2489	19.79	cps
Tin	118-1	22403	22954	21885	22414	2.38	cps
Titanium	47-1	892	1092	850	945	13.68	cps
Uranium	238-1	9421	10246	9579	9749	4.49	cps
Vanadium	51-2	1083	1167	1117	1122	3.74	cps
Yttrium	89-1	8903312	8865790	8820111	8863071	0.47	cps
Yttrium	89-2	205252	195766	203559	201526	2.51	cps
Zinc	66-2	753	843	810	802	5.67	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-06	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:49:28	DataFile Name :	052SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11138	9254	8603	9665	13.62	cps
Zirconium	91-1	2792	2484	2100	2459	14.10	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-08 Instrumnet Name : P8
 Client Sample ID : KY036MW016-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 16:52:46 DataFile Name : 053SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	8	36	70.51	cps
Antimony	121-1	7444	7361	7953	7586	4.22	cps
Arsenic	75-2	1570	1593	1480	1548	3.87	cps
Barium	135-1	147082	148474	148287	147948	0.51	cps
Barium	137-1	257104	264775	260168	260682	1.48	cps
Beryllium	9-1	83	122	233	146	53.21	cps
Bismuth	209-1	8458278	8551876	8514088	8508081	0.55	cps
Bismuth	209-2	1855508	1726292	1782244	1788015	3.62	cps
Boron	10-1	16218	17445	17219	16961	3.85	cps
Boron	11-1	76010	80643	79319	78657	3.03	cps
Cadmium	111-1	980	972	949	967	1.64	cps
Cadmium	106-1	1342	1283	1283	1303	2.59	cps
Cadmium	108-1	38	38	17	31	39.36	cps
Calcium	43-1	754409	753433	760129	755990	0.48	cps
Calcium	44-1	12400017	12284724	12476234	12386992	0.78	cps
Chromium	52-2	620	560	500	560	10.71	cps
Cobalt	59-2	157	153	173	161	6.65	cps
Copper	63-2	2117	2144	2187	2149	1.64	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	50	125	42	72	63.55	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	12677618	12758659	12719439	12718572	0.32	cps
Holmium	165-2	2185233	2051033	2094232	2110166	3.25	cps
Indium	115-1	8923414	9023058	9013832	8986768	0.61	cps
Indium	115-2	283392	267919	273620	274977	2.85	cps
Iron	56-2	136337	136186	136663	136395	0.18	cps
Iron	57-2	3623	3401	3601	3541	3.46	cps
Krypton	83-1	283	280	207	257	16.88	cps
Lead	206-1	733	756	756	748	1.72	cps
Lead	207-1	789	639	795	741	11.92	cps
Lead	208-1	3072	2872	3161	3035	4.88	cps
Lithium	6-1	1886128	1905228	1909650	1900335	0.66	cps
Magnesium	24-2	111913	108941	108966	109940	1.55	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-08	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:52:46	DataFile Name :	053SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143151	142323	143494	142989	0.42	cps
Molybdenum	94-1	26452	24765	25667	25628	3.29	cps
Molybdenum	95-1	42877	42283	42459	42540	0.72	cps
Molybdenum	96-1	46205	46004	47936	46715	2.27	cps
Molybdenum	97-1	27128	26819	27303	27084	0.91	cps
Molybdenum	98-1	69630	69453	71045	70043	1.25	cps
Neodymium	150-1	13	40	20	24	56.78	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	590	633	667	630	6.10	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12581	11889	11789	12086	3.57	cps
Rhodium	103-1	8085041	8213005	8127738	8141928	0.80	cps
Rhodium	103-2	2007538	1890358	1922685	1940194	3.12	cps
Scandium	45-1	4529683	4617580	4527703	4558322	1.13	cps
Scandium	45-2	29351	27373	27297	28007	4.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	9	0	3	173.21	cps
Selenium	82-1	10	8	60	26	113.02	cps
Silicon	28-1	19359221	19230016	19397259	19328832	0.45	cps
Silver	109-1	892	767	675	778	13.98	cps
Silver	107-1	792	842	742	792	6.32	cps
Sodium	23-2	933801	933047	928374	931740	0.32	cps
Strontium	86-1	338870	339867	341979	340239	0.47	cps
Strontium	88-1	3006794	3011312	3005809	3007972	0.10	cps
Sulfur	34-1	283459	279029	279874	280787	0.84	cps
Terbium	159-1	12785738	12942126	13048701	12925521	1.02	cps
Terbium	159-2	2043297	1933787	1956628	1977904	2.92	cps
Thallium	203-1	458	433	475	456	4.60	cps
Thallium	205-1	1100	950	1333	1128	17.13	cps
Tin	118-1	16044	15701	16703	16149	3.15	cps
Titanium	47-1	467	417	475	453	6.97	cps
Uranium	238-1	3851	3934	4059	3948	2.66	cps
Vanadium	51-2	77	80	83	80	4.17	cps
Yttrium	89-1	8691211	8926719	8802956	8806962	1.34	cps
Yttrium	89-2	208609	195552	197634	200598	3.50	cps
Zinc	66-2	607	670	720	666	8.53	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-08	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:52:46	DataFile Name :	053SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4784	4142	3976	4301	9.93	cps
Zirconium	91-1	967	1083	1017	1022	5.73	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	25	22	57.30	cps
Antimony	121-1	8028	7444	8178	7883	4.92	cps
Arsenic	75-2	4469	4291	4353	4371	2.07	cps
Barium	135-1	608670	608882	609486	609013	0.07	cps
Barium	137-1	1064783	1071996	1079401	1072060	0.68	cps
Beryllium	9-1	189	228	139	185	24.06	cps
Bismuth	209-1	8395538	8502053	8475704	8457765	0.66	cps
Bismuth	209-2	1822632	1637962	1783557	1748050	5.57	cps
Boron	10-1	16827	17636	17019	17161	2.46	cps
Boron	11-1	78254	81867	82965	81029	3.04	cps
Cadmium	111-1	1129	1163	1094	1129	3.06	cps
Cadmium	106-1	1550	1642	1500	1564	4.59	cps
Cadmium	108-1	8	33	8	17	86.62	cps
Calcium	43-1	1081133	1075186	1070811	1075710	0.48	cps
Calcium	44-1	17693874	17543727	17609397	17615666	0.43	cps
Chromium	52-2	787	720	800	769	5.57	cps
Cobalt	59-2	2207	2257	1980	2148	6.87	cps
Copper	63-2	2024	2107	2170	2100	3.50	cps
Dysprosium	156-1	83	50	67	67	25.00	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	100	50	67	72	35.26	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	75	42	83	67	33.07	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	12634057	12708540	12759790	12700795	0.50	cps
Holmium	165-2	2191313	1956281	2138265	2095287	5.88	cps
Indium	115-1	8983557	9053412	8958501	8998490	0.55	cps
Indium	115-2	279971	249363	273544	267626	6.03	cps
Iron	56-2	2888772	2883292	2887505	2886523	0.10	cps
Iron	57-2	69177	70394	68691	69421	1.26	cps
Krypton	83-1	253	327	230	270	18.68	cps
Lead	206-1	1045	956	911	970	7.00	cps
Lead	207-1	878	689	689	752	14.51	cps
Lead	208-1	3795	3661	3495	3650	4.12	cps
Lithium	6-1	1866304	1908367	1918235	1897635	1.45	cps
Magnesium	24-2	217251	218587	217279	217705	0.35	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237216	238623	237651	237830	0.30	cps
Molybdenum	94-1	5827	5376	5485	5563	4.22	cps
Molybdenum	95-1	8169	7277	7778	7741	5.78	cps
Molybdenum	96-1	8511	8628	8645	8595	0.85	cps
Molybdenum	97-1	5001	4959	4618	4859	4.33	cps
Molybdenum	98-1	12832	12490	12114	12479	2.88	cps
Neodymium	150-1	60	73	40	58	29.04	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	890	813	813	839	5.28	cps
Phosphorus	31-2	17	8	33	19	65.48	cps
Potassium	39-2	16602	16802	17078	16827	1.42	cps
Rhodium	103-1	8021999	8175626	8174077	8123901	1.09	cps
Rhodium	103-2	1978871	1778401	1972755	1910009	5.97	cps
Scandium	45-1	4578614	4535013	4569009	4560879	0.50	cps
Scandium	45-2	28706	25450	27480	27212	6.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	48	-9	91	43	116.66	cps
Silicon	28-1	25859610	25787148	25824909	25823889	0.14	cps
Silver	109-1	575	600	608	594	2.92	cps
Silver	107-1	650	525	817	664	22.04	cps
Sodium	23-2	1906857	1934823	1912685	1918122	0.77	cps
Strontium	86-1	963579	966073	962674	964109	0.18	cps
Strontium	88-1	8422791	8296257	8373159	8364069	0.76	cps
Sulfur	34-1	251992	252823	251907	252241	0.20	cps
Terbium	159-1	12847489	12992611	12932721	12924274	0.56	cps
Terbium	159-2	2051958	1841976	2015678	1969871	5.70	cps
Thallium	203-1	358	333	417	369	11.57	cps
Thallium	205-1	800	908	800	836	7.48	cps
Tin	118-1	15443	15585	15376	15468	0.69	cps
Titanium	47-1	808	692	683	728	9.60	cps
Uranium	238-1	1167	933	1267	1122	15.24	cps
Vanadium	51-2	157	147	123	142	12.03	cps
Yttrium	89-1	8841887	8840458	8938919	8873755	0.64	cps
Yttrium	89-2	206747	182395	200990	196711	6.47	cps
Zinc	66-2	287	237	217	247	14.62	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:56:05	DataFile Name :	054SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3576	3476	3542	3531	1.44	cps
Zirconium	91-1	942	892	800	878	8.19	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	83	25	50	60.09	cps
Antimony	121-1	6210	7119	7511	6947	9.61	cps
Arsenic	75-2	6055	5983	5790	5943	2.30	cps
Barium	135-1	200200	199075	198602	199293	0.41	cps
Barium	137-1	347472	352295	349267	349678	0.70	cps
Beryllium	9-1	189	89	139	139	36.00	cps
Bismuth	209-1	8308155	8440410	8514911	8421159	1.24	cps
Bismuth	209-2	1838543	1754577	1767945	1787022	2.52	cps
Boron	10-1	16777	17937	18070	17595	4.04	cps
Boron	11-1	81448	84013	83543	83001	1.65	cps
Cadmium	111-1	1182	1133	1149	1155	2.17	cps
Cadmium	106-1	1650	1533	1617	1600	3.76	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Calcium	43-1	1024597	1018055	1016088	1019580	0.44	cps
Calcium	44-1	16798615	16839294	16745961	16794623	0.28	cps
Chromium	52-2	1143	1040	1073	1086	4.86	cps
Cobalt	59-2	220	247	243	237	6.14	cps
Copper	63-2	2150	2380	2430	2320	6.44	cps
Dysprosium	156-1	25	67	25	39	61.86	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	133	92	108	111	18.88	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	125	108	117	117	7.14	cps
Gadolinium	160-2	33	10	7	17	87.16	cps
Holmium	165-1	12539652	12755143	12796964	12697253	1.09	cps
Holmium	165-2	2148863	2120738	2156279	2141960	0.88	cps
Indium	115-1	8822395	8878082	8950884	8883787	0.73	cps
Indium	115-2	278066	269391	275812	274423	1.64	cps
Iron	56-2	2591000	2555568	2552823	2566463	0.83	cps
Iron	57-2	62502	62579	62831	62637	0.27	cps
Krypton	83-1	283	223	250	252	11.92	cps
Lead	206-1	3295	3256	3395	3315	2.16	cps
Lead	207-1	2711	2923	2656	2763	5.09	cps
Lead	208-1	12975	12847	12681	12834	1.15	cps
Lithium	6-1	1852578	1863384	1860565	1858842	0.30	cps
Magnesium	24-2	215710	211407	212186	213101	1.08	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36632	36264	36087	36327	0.76	cps
Molybdenum	94-1	7461	6860	7511	7277	4.97	cps
Molybdenum	95-1	10154	10129	10580	10288	2.46	cps
Molybdenum	96-1	11881	11430	11414	11575	2.29	cps
Molybdenum	97-1	6977	6885	6552	6805	3.29	cps
Molybdenum	98-1	16803	16578	17003	16795	1.27	cps
Neodymium	150-1	87	87	47	73	31.49	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	297	220	283	267	15.36	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9353	9195	9404	9317	1.17	cps
Rhodium	103-1	8023205	8078195	8137030	8079477	0.70	cps
Rhodium	103-2	2001339	1944579	1963048	1969655	1.47	cps
Scandium	45-1	4541962	4501685	4572184	4538610	0.78	cps
Scandium	45-2	28356	27574	28579	28170	1.87	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-41	87	45	30	216.93	cps
Silicon	28-1	22096827	21926906	21866466	21963400	0.54	cps
Silver	109-1	775	650	592	672	13.93	cps
Silver	107-1	600	708	775	695	12.72	cps
Sodium	23-2	762402	761455	757029	760295	0.38	cps
Strontium	86-1	937372	932963	932467	934267	0.29	cps
Strontium	88-1	8205721	8175782	8196347	8192617	0.19	cps
Sulfur	34-1	256918	255324	251320	254521	1.13	cps
Terbium	159-1	12694295	12807573	12861869	12787912	0.67	cps
Terbium	159-2	2031980	1960934	2019796	2004237	1.90	cps
Thallium	203-1	225	342	367	311	24.31	cps
Thallium	205-1	650	767	708	708	8.24	cps
Tin	118-1	13941	14267	14609	14272	2.34	cps
Titanium	47-1	984	850	817	883	9.99	cps
Uranium	238-1	350	267	342	319	14.37	cps
Vanadium	51-2	83	87	103	91	11.77	cps
Yttrium	89-1	8731439	8711680	8814457	8752525	0.62	cps
Yttrium	89-2	204697	197234	199866	200599	1.89	cps
Zinc	66-2	547	450	467	488	10.59	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-10	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 16:59:23	DataFile Name :	055SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3176	3234	2775	3062	8.15	cps
Zirconium	91-1	658	650	658	656	0.73	cps

LB Number : LB96650 Operator : Jaswal
 Lab Sample ID : J3922-11 Instrumnet Name : P8
 Client Sample ID : SS037MW266-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-13 17:02:42 DataFile Name : 056SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	8	17	86.62	cps
Antimony	121-1	7744	7144	7886	7591	5.19	cps
Arsenic	75-2	4886	4458	4645	4663	4.60	cps
Barium	135-1	607600	615391	610624	611205	0.64	cps
Barium	137-1	1068522	1087577	1080670	1078923	0.89	cps
Beryllium	9-1	161	150	72	128	37.91	cps
Bismuth	209-1	8414729	8314632	8300258	8343206	0.75	cps
Bismuth	209-2	1765332	1807958	1784425	1785905	1.20	cps
Boron	10-1	16493	17103	17862	17153	4.00	cps
Boron	11-1	77936	81757	81180	80291	2.57	cps
Cadmium	111-1	1215	988	1085	1096	10.36	cps
Cadmium	106-1	1700	1317	1525	1514	12.68	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	1095217	1086620	1084315	1088717	0.53	cps
Calcium	44-1	17775040	17701767	17729744	17735517	0.21	cps
Chromium	52-2	723	673	783	727	7.58	cps
Cobalt	59-2	2137	2067	2144	2116	2.01	cps
Copper	63-2	2070	2077	2117	2088	1.21	cps
Dysprosium	156-1	83	75	50	69	24.98	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	100	58	69	38.58	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	125	75	150	117	32.74	cps
Gadolinium	160-2	37	17	10	21	65.74	cps
Holmium	165-1	12570483	12674848	12558386	12601239	0.51	cps
Holmium	165-2	2110875	2140793	2130813	2127494	0.72	cps
Indium	115-1	8826559	8865537	8743923	8812006	0.70	cps
Indium	115-2	274175	273944	277997	275372	0.83	cps
Iron	56-2	2969569	2974094	3021571	2988411	0.96	cps
Iron	57-2	72784	73281	73237	73100	0.38	cps
Krypton	83-1	273	250	300	274	9.12	cps
Lead	206-1	1000	972	1045	1006	3.62	cps
Lead	207-1	822	811	806	813	1.04	cps
Lead	208-1	3823	3600	3845	3756	3.60	cps
Lithium	6-1	1830758	1835979	1836923	1834553	0.18	cps
Magnesium	24-2	216557	214766	217014	216112	0.55	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:02:42	DataFile Name :	056SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237215	236732	238128	237358	0.30	cps
Molybdenum	94-1	5260	5360	4934	5185	4.29	cps
Molybdenum	95-1	6910	7319	7527	7252	4.33	cps
Molybdenum	96-1	8270	8561	8495	8442	1.81	cps
Molybdenum	97-1	4859	4368	4609	4612	5.33	cps
Molybdenum	98-1	11856	11981	11697	11845	1.20	cps
Neodymium	150-1	53	47	73	58	24.02	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	860	793	810	821	4.23	cps
Phosphorus	31-2	33	33	17	28	34.63	cps
Potassium	39-2	16944	16160	17153	16752	3.12	cps
Rhodium	103-1	8029047	8006172	8014106	8016442	0.14	cps
Rhodium	103-2	1945444	1974509	1980611	1966854	0.96	cps
Scandium	45-1	4501738	4532409	4448796	4494314	0.94	cps
Scandium	45-2	27737	27320	28325	27794	1.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	13	51	-22	14	261.86	cps
Silicon	28-1	25868677	25757705	25780391	25802257	0.23	cps
Silver	109-1	608	550	433	531	16.80	cps
Silver	107-1	558	492	492	514	7.49	cps
Sodium	23-2	1920817	1921685	1941780	1928094	0.62	cps
Strontium	86-1	968234	968090	964760	967028	0.20	cps
Strontium	88-1	8401065	8445399	8446918	8431128	0.31	cps
Sulfur	34-1	254460	253706	253712	253959	0.17	cps
Terbium	159-1	12907400	12810891	12657260	12791850	0.99	cps
Terbium	159-2	2023264	2023471	2037452	2028062	0.40	cps
Thallium	203-1	242	267	292	267	9.37	cps
Thallium	205-1	717	642	608	656	8.46	cps
Tin	118-1	13683	13591	13916	13730	1.22	cps
Titanium	47-1	683	742	775	733	6.33	cps
Uranium	238-1	1033	1033	1067	1045	1.84	cps
Vanadium	51-2	140	157	197	164	17.71	cps
Yttrium	89-1	8826596	8719938	8608912	8718482	1.25	cps
Yttrium	89-2	200715	200707	201744	201055	0.30	cps
Zinc	66-2	430	397	370	399	7.54	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:02:42	DataFile Name :	056SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2450	2600	2392	2481	4.33	cps
Zirconium	91-1	558	583	542	561	3.74	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	33	25	33.32	cps
Antimony	121-1	7336	7811	7419	7522	3.37	cps
Arsenic	75-2	563	667	626	619	8.45	cps
Barium	135-1	478218	480397	484425	481013	0.65	cps
Barium	137-1	844881	844305	857477	848888	0.88	cps
Beryllium	9-1	106	111	89	102	11.35	cps
Bismuth	209-1	8100790	8337449	8403291	8280510	1.92	cps
Bismuth	209-2	1760520	1775486	1786514	1774174	0.74	cps
Boron	10-1	22618	22994	22502	22705	1.13	cps
Boron	11-1	103085	105402	107853	105447	2.26	cps
Cadmium	111-1	972	1009	964	981	2.45	cps
Cadmium	106-1	1342	1392	1342	1358	2.12	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Calcium	43-1	1356745	1370271	1370467	1365828	0.58	cps
Calcium	44-1	21725754	21861693	21937770	21841739	0.49	cps
Chromium	52-2	613	563	590	589	4.25	cps
Cobalt	59-2	960	1000	983	981	2.05	cps
Copper	63-2	2287	2240	2107	2211	4.23	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	12110660	12607804	12612248	12443571	2.32	cps
Holmium	165-2	2115897	2126837	2136631	2126455	0.49	cps
Indium	115-1	8496277	8916812	8935211	8782767	2.83	cps
Indium	115-2	272781	273086	274034	273300	0.24	cps
Iron	56-2	550314	545758	546579	547550	0.44	cps
Iron	57-2	13813	13752	13718	13761	0.35	cps
Krypton	83-1	197	247	260	234	14.24	cps
Lead	206-1	1684	1711	1717	1704	1.05	cps
Lead	207-1	1472	1561	1528	1521	2.95	cps
Lead	208-1	7057	6968	6951	6992	0.81	cps
Lithium	6-1	1769769	1833039	1812756	1805188	1.79	cps
Magnesium	24-2	223963	223451	223912	223775	0.13	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70922	70473	70597	70664	0.33	cps
Molybdenum	94-1	3025	3126	2959	3037	2.76	cps
Molybdenum	95-1	4293	4101	4092	4162	2.72	cps
Molybdenum	96-1	4534	4426	4751	4570	3.62	cps
Molybdenum	97-1	2517	2642	2600	2586	2.46	cps
Molybdenum	98-1	6777	6502	6910	6730	3.10	cps
Neodymium	150-1	60	27	60	49	39.36	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	997	1027	940	988	4.46	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	18546	18555	18571	18557	0.07	cps
Rhodium	103-1	7750916	7995844	8032561	7926441	1.93	cps
Rhodium	103-2	1949065	1953529	1945141	1949245	0.22	cps
Scandium	45-1	4349622	4518424	4508001	4458682	2.12	cps
Scandium	45-2	27136	28275	28055	27822	2.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	169	100	80	116	40.21	cps
Silicon	28-1	22922183	22925610	23089959	22979251	0.42	cps
Silver	109-1	725	525	442	564	25.82	cps
Silver	107-1	433	483	483	467	6.18	cps
Sodium	23-2	1800144	1766626	1782598	1783123	0.94	cps
Strontium	86-1	1049751	1054020	1058943	1054238	0.44	cps
Strontium	88-1	9167934	9145695	9285719	9199783	0.82	cps
Sulfur	34-1	373325	373421	374846	373864	0.23	cps
Terbium	159-1	12333299	12793203	12757368	12627957	2.03	cps
Terbium	159-2	2005032	2009591	2032855	2015826	0.74	cps
Thallium	203-1	375	300	392	356	13.73	cps
Thallium	205-1	900	1083	1058	1014	9.81	cps
Tin	118-1	12398	12640	13165	12734	3.08	cps
Titanium	47-1	683	792	783	753	8.01	cps
Uranium	238-1	27314	27473	28843	27876	3.01	cps
Vanadium	51-2	1070	990	1133	1065	6.75	cps
Yttrium	89-1	8386627	8744682	8698375	8609895	2.26	cps
Yttrium	89-2	200942	199020	201697	200553	0.69	cps
Zinc	66-2	290	297	340	309	8.79	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:06:00	DataFile Name :	057SMPL_P8071318MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1583	1834	1592	1670	8.51	cps
Zirconium	91-1	442	400	375	406	8.31	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215334	218565	216206	216702	0.77	cps
Antimony	121-1	3302802	3338454	3315663	3318973	0.54	cps
Arsenic	75-2	31905	31918	32479	32101	1.02	cps
Barium	135-1	4059954	4083812	4051841	4065202	0.41	cps
Barium	137-1	7165703	7056286	7109604	7110531	0.77	cps
Beryllium	9-1	486064	485836	482723	484874	0.38	cps
Bismuth	209-1	8002469	8117930	8044872	8055091	0.73	cps
Bismuth	209-2	1875463	1813388	1839561	1842804	1.69	cps
Boron	10-1	56311	58511	58160	57661	2.05	cps
Boron	11-1	259438	265636	272287	265787	2.42	cps
Cadmium	111-1	764524	762994	760914	762810	0.24	cps
Cadmium	106-1	81789	82268	81891	81983	0.31	cps
Cadmium	108-1	54522	54573	54468	54521	0.10	cps
Calcium	43-1	3813471	3878532	3860721	3850908	0.87	cps
Calcium	44-1	62363060	63298018	62702206	62787761	0.75	cps
Chromium	52-2	307858	308015	307063	307645	0.17	cps
Cobalt	59-2	656880	659050	656990	657640	0.19	cps
Copper	63-2	1124636	1121545	1118307	1121496	0.28	cps
Dysprosium	156-1	58	42	67	56	22.91	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	125	100	108	111	11.46	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	12983263	13013133	12849807	12948734	0.67	cps
Holmium	165-2	2363838	2344884	2341395	2350039	0.51	cps
Indium	115-1	9176020	9152421	9112515	9146985	0.35	cps
Indium	115-2	309682	308135	309831	309216	0.30	cps
Iron	56-2	49086540	49057836	48910216	49018197	0.19	cps
Iron	57-2	1227675	1223242	1226209	1225709	0.18	cps
Krypton	83-1	317	293	360	323	10.46	cps
Lead	206-1	2735873	2746317	2727073	2736421	0.35	cps
Lead	207-1	2508440	2499564	2486220	2498075	0.45	cps
Lead	208-1	11212866	11166219	11121599	11166895	0.41	cps
Lithium	6-1	1751321	1790584	1769091	1770332	1.11	cps
Magnesium	24-2	5598237	5593592	5630731	5607520	0.36	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	156391	157109	156568	156689	0.24	cps
Molybdenum	94-1	6409582	6355585	6371120	6378762	0.44	cps
Molybdenum	95-1	7773903	7761034	7801885	7778940	0.27	cps
Molybdenum	96-1	8582576	8644885	8603842	8610434	0.37	cps
Molybdenum	97-1	4961061	5002289	4968298	4977216	0.44	cps
Molybdenum	98-1	12559359	12488554	12500415	12516109	0.30	cps
Neodymium	150-1	200	187	213	200	6.67	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	196205	196281	194990	195825	0.37	cps
Phosphorus	31-2	2284	2784	2559	2542	9.85	cps
Potassium	39-2	1323048	1311142	1305827	1313339	0.67	cps
Rhodium	103-1	8259739	8227230	8211179	8232716	0.30	cps
Rhodium	103-2	2078429	2089839	2104467	2090912	0.62	cps
Scandium	45-1	5069625	5175457	5157355	5134146	1.10	cps
Scandium	45-2	34994	34452	34496	34647	0.87	cps
Selenium	77-2	203	207	210	207	1.61	cps
Selenium	78-2	732	691	674	699	4.23	cps
Selenium	82-1	45422	45274	45370	45355	0.17	cps
Silicon	28-1	1755221	1765848	1764108	1761725	0.32	cps
Silver	109-1	3697542	3674985	3658117	3676881	0.54	cps
Silver	107-1	3894179	3850059	3863962	3869400	0.58	cps
Sodium	23-2	12768116	12850195	12743268	12787193	0.44	cps
Strontium	86-1	964233	962366	969065	965221	0.36	cps
Strontium	88-1	8423961	8441518	8408139	8424539	0.20	cps
Sulfur	34-1	508204	512941	508822	509989	0.50	cps
Terbium	159-1	13031853	13222944	12986379	13080392	0.96	cps
Terbium	159-2	2244593	2237345	2189967	2223968	1.33	cps
Thallium	203-1	3347569	3378034	3355851	3360485	0.47	cps
Thallium	205-1	7893763	8011519	7915049	7940110	0.79	cps
Tin	118-1	2637511	2656874	2653766	2649383	0.39	cps
Titanium	47-1	1967764	1978227	1974131	1973374	0.27	cps
Uranium	238-1	11030218	11042231	10904338	10992262	0.69	cps
Vanadium	51-2	222607	222514	219576	221566	0.78	cps
Yttrium	89-1	9443850	9392152	9451115	9429039	0.34	cps
Yttrium	89-2	238475	237298	237312	237695	0.28	cps
Zinc	66-2	88694	89007	89570	89090	0.50	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:09:25	DataFile Name :	058CCV_P8071318MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5382483	5245901	5306588	5311657	1.29	cps
Zirconium	91-1	1166706	1155552	1167076	1163111	0.56	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	0	17	86.60	cps
Antimony	121-1	9445	7711	7136	8097	14.85	cps
Arsenic	75-2	6	19	4	9	87.18	cps
Barium	135-1	317	250	292	286	11.77	cps
Barium	137-1	575	300	317	397	38.82	cps
Beryllium	9-1	317	261	306	294	9.98	cps
Bismuth	209-1	8382226	8498188	8572749	8484388	1.13	cps
Bismuth	209-2	1995198	1976717	1988498	1986804	0.47	cps
Boron	10-1	3376	3017	2750	3048	10.29	cps
Boron	11-1	15392	14892	13974	14753	4.87	cps
Cadmium	111-1	1360	1223	1347	1310	5.80	cps
Cadmium	106-1	1725	1600	1809	1711	6.13	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	767	500	492	586	26.69	cps
Calcium	44-1	19456	17921	17170	18182	6.41	cps
Chromium	52-2	370	440	460	423	11.16	cps
Cobalt	59-2	40	57	67	54	24.75	cps
Copper	63-2	683	657	627	656	4.32	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	83	50	69	24.98	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	75	50	75	67	21.65	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	12745352	12988995	12909944	12881430	0.96	cps
Holmium	165-2	2371947	2315172	2328244	2338454	1.27	cps
Indium	115-1	9417885	9531255	9546711	9498617	0.74	cps
Indium	115-2	329230	320078	325158	324822	1.41	cps
Iron	56-2	3495	3050	2939	3162	9.30	cps
Iron	57-2	100	78	50	76	32.99	cps
Krypton	83-1	330	350	290	323	9.45	cps
Lead	206-1	417	528	356	433	20.15	cps
Lead	207-1	406	317	333	352	13.43	cps
Lead	208-1	1772	1672	1500	1648	8.35	cps
Lithium	6-1	1809870	1835979	1825159	1823669	0.72	cps
Magnesium	24-2	350	458	333	381	17.84	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	43	27	34	24.35	cps
Molybdenum	94-1	3201	3151	2509	2953	13.06	cps
Molybdenum	95-1	4284	3317	3142	3581	17.17	cps
Molybdenum	96-1	4301	4259	3084	3881	17.80	cps
Molybdenum	97-1	2492	2242	1859	2198	14.52	cps
Molybdenum	98-1	6377	5535	4784	5565	14.31	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	60	83	72	16.21	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1759	1825	1759	1781	2.16	cps
Rhodium	103-1	8738787	8859339	8829425	8809184	0.71	cps
Rhodium	103-2	2242633	2204020	2248629	2231761	1.08	cps
Scandium	45-1	5096453	5218917	5156669	5157346	1.19	cps
Scandium	45-2	34018	34750	34639	34469	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-55	-71	19	-36	-133.80	cps
Silicon	28-1	210779	211328	213188	211765	0.60	cps
Silver	109-1	650	583	567	600	7.35	cps
Silver	107-1	658	658	617	644	3.73	cps
Sodium	23-2	6260	5851	5810	5974	4.16	cps
Strontium	86-1	642	575	600	606	5.56	cps
Strontium	88-1	950	783	775	836	11.81	cps
Sulfur	34-1	292533	293249	293182	292988	0.14	cps
Terbium	159-1	13085836	13209381	13013594	13102937	0.76	cps
Terbium	159-2	2272446	2210601	2206932	2229993	1.65	cps
Thallium	203-1	617	708	667	664	6.91	cps
Thallium	205-1	2167	1625	1784	1859	14.99	cps
Tin	118-1	3259	2917	2842	3006	7.39	cps
Titanium	47-1	408	200	233	281	39.89	cps
Uranium	238-1	875	567	633	692	23.46	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	9509197	9498608	9526990	9511598	0.15	cps
Yttrium	89-2	242373	237930	238670	239657	0.99	cps
Zinc	66-2	67	63	67	66	2.94	cps

LB Number :	LB96650	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-07-13 17:12:35	DataFile Name :	059CCBE_P8071318MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2792	2825	2450	2689	7.72	cps
Zirconium	91-1	525	783	533	614	23.91	cps