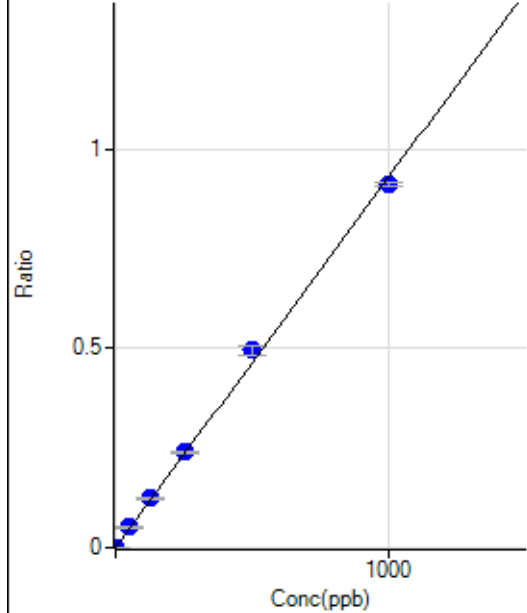


Batch Folder: D:\P8082818-MS .b\
Analysis File: P8082818-MS .batch.bin
DA Date-Time: 2018-08-28 17:08:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8082818-MS.D	S00	2018-08-28 12:19:12
2			
3	005CAL5 P8082818-MS.D	S02	2018-08-28 12:26:46
4	006CAL5 P8082818-MS.D	S03	2018-08-28 12:30:31
5	007CAL5 P8082818-MS.D	S04	2018-08-28 12:34:16
6	008CAL5 P8082818-MS.D	S05	2018-08-28 12:37:53
7	009CAL5 P8082818-MS.D	S06	2018-08-28 12:41:26
8	010CAL5 P8082818-MS.D	S07	2018-08-28 12:44:55
9	011CAL5 P8082818-MS.D	S08	2018-08-28 12:48:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.04	0.0000	P	56.1
2	☐	0.100					
3	☐	1.000	1.046	1022.29	0.0010	P	4.9
4	☐	50.000	54.563	51358.52	0.0508	P	0.8
5	☐	125.000	133.306	127804.83	0.1240	P	2.8
6	☐	250.000	258.792	250695.55	0.2406	P	1.8
7	☐	500.000	533.631	491222.32	0.4961	P	5.0
8	☐	1000.000	979.720	951711.42	0.9108	P	1.1
9	☐			653.74	0.0006	P	8.3

$$y = 9.2963\text{E-}004 * x + 3.8794\text{E-}005$$

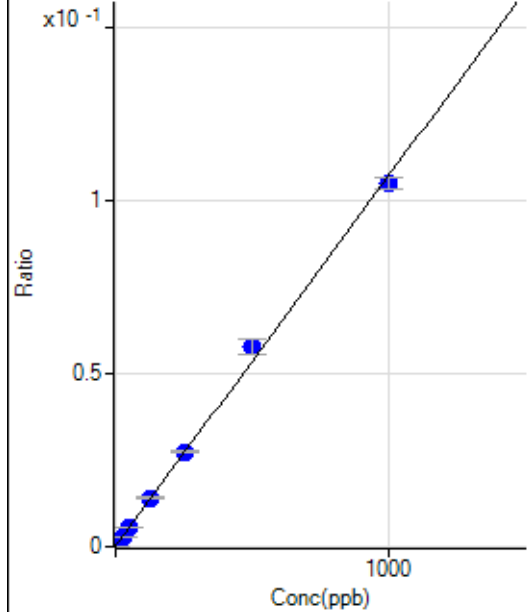
$$R = 0.9991$$

$$DL = 0.07018$$

$$BEC = 0.04173$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0002	P	9.5
2	☐	2.500					
3	☐	25.000	25.026	2855.98	0.0028	P	8.7
4	☐	50.000	52.624	5840.35	0.0058	P	1.3
5	☐	125.000	130.685	14555.18	0.0141	P	2.4
6	☐	250.000	255.405	28581.98	0.0274	P	2.3
7	☐	500.000	538.279	57042.48	0.0576	P	7.3
8	☐	1000.000	978.667	109369.84	0.1047	P	3.0
9	☐			6015.41	0.0059	P	6.2

$$y = 1.0681\text{E-}004 * x + 1.5178\text{E-}004$$

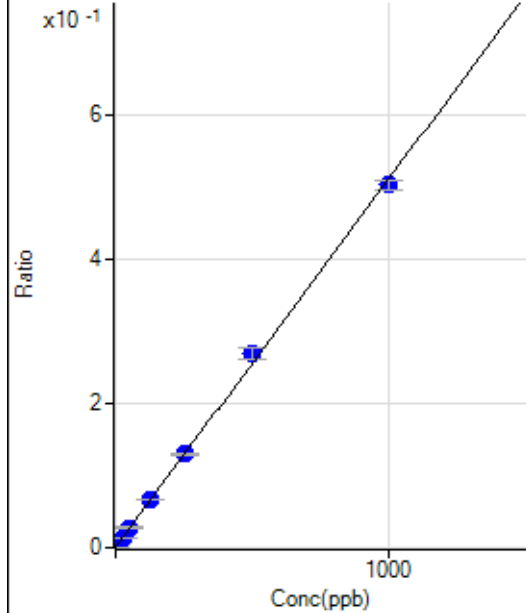
$$R = 0.9989$$

$$DL = 0.4071$$

$$BEC = 1.421$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	608.37	0.0006	P	8.8
2	☐	2.500					
3	☐	25.000	24.131	13075.94	0.0129	P	1.3
4	☐	50.000	53.159	28047.86	0.0277	P	1.9
5	☐	125.000	128.859	68358.03	0.0663	P	1.2
6	☐	250.000	252.229	134564.96	0.1291	P	1.4
7	☐	500.000	528.184	266984.68	0.2697	P	6.0
8	☐	1000.000	984.732	524728.51	0.5023	P	2.8
9	☐			29356.02	0.0288	P	4.9

$$y = 5.0939\text{E-}004 * x + 6.3884\text{E-}004$$

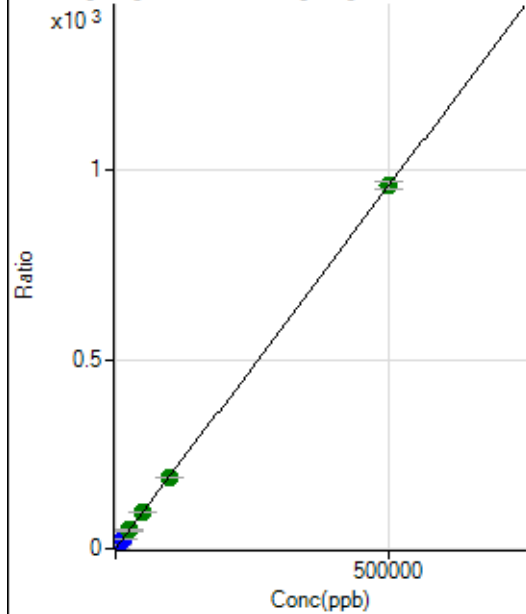
$$R = 0.9994$$

$$DL = 0.3304$$

$$BEC = 1.254$$

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	5251.21	0.1719	P	3.5
2	☐	50.000					
3	☐	500.000	489.923	34089.12	1.1118	P	0.5
4	☐	5000.000	5026.043	290902.88	9.8134	P	1.4
5	☐	12500.000	12298.256	705096.04	23.7637	P	0.3
6	☐	25000.000	25381.181	1388465.78	48.8608	A	2.3
7	☐	50000.000	49803.793	2572097.10	95.7108	A	0.7
8	☐	100000.00	98100.488	4862304.15	188.3586	A	2.3
9	☐	500000.00	500385.25	25520618.80	960.0633	A	2.1

$$y = 0.0019 * x + 0.1719$$

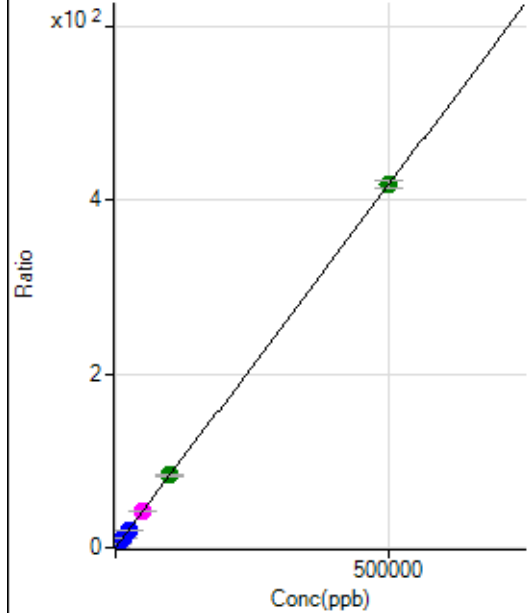
$$R = 1.0000$$

$$DL = 9.483$$

$$BEC = 89.63$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.04	0.0180	P	14.4
2	☐	50.000					
3	☐	500.000	490.295	13112.13	0.4276	P	2.8
4	☐	5000.000	5047.686	125536.76	4.2351	P	1.7
5	☐	12500.000	12504.813	310512.29	10.4651	P	0.9
6	☐	25000.000	24765.248	588501.84	20.7080	P	1.6
7	☐	50000.000	49659.969	1115394.77	41.5061	M	0.8
8	☐	100000.00	99688.790	2150314.68	83.3024	A	2.5
9	☐	500000.00	500107.39	11106909.28	417.8294	A	2.0

$$y = 8.3544\text{E-}004 * x + 0.0180$$

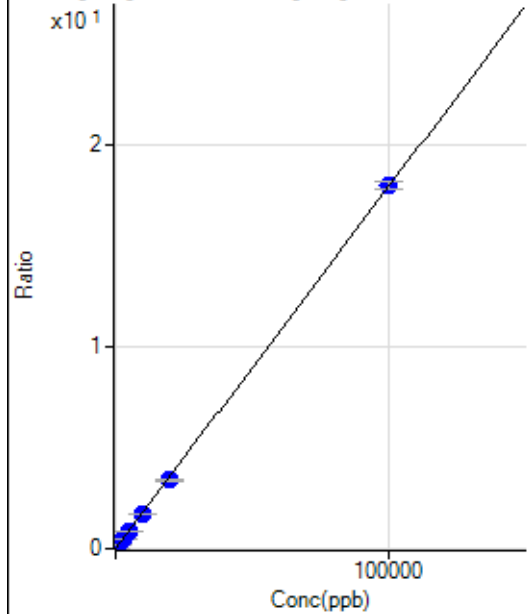
$$R = 1.0000$$

$$DL = 9.34$$

$$BEC = 21.55$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.34	0.0006	P	28.5
2	☐	2.000					
3	☐	20.000	18.205	118.37	0.0039	P	10.8
4	☐	1000.000	995.792	5300.71	0.1789	P	4.6
5	☐	2500.000	2399.618	12766.52	0.4303	P	0.3
6	☐	5000.000	4821.721	24548.20	0.8640	P	3.2
7	☐	10000.000	9614.974	46278.93	1.7222	P	1.3
8	☐	20000.000	18929.751	87517.89	3.3901	P	1.7
9	☐	100000.00	100264.01	477230.94	17.9534	P	2.2

$$y = 1.7906\text{E-}004 * x + 6.0067\text{E-}004$$

$$R = 0.9999$$

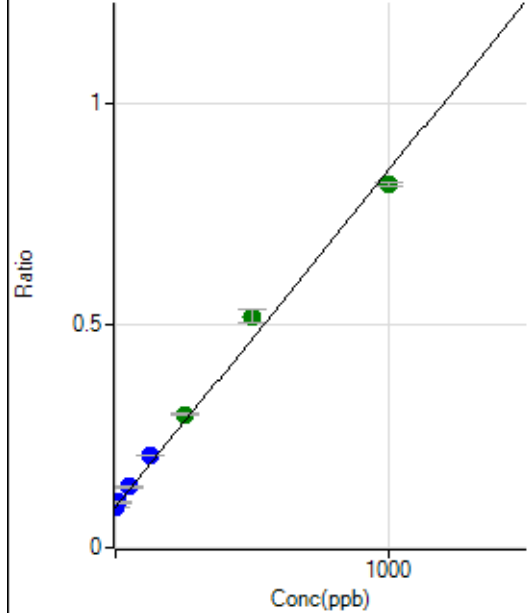
$$DL = 2.872$$

$$BEC = 3.355$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	337387.75	0.0916	P	1.5
2	☐	1.000					
3	☐	10.000	14.220	385458.16	0.1023	P	2.4
4	☐	50.000	59.458	517551.21	0.1366	P	1.5
5	☐	125.000	153.319	787634.03	0.2077	P	0.2
6	☐	250.000	274.117	1120489.31	0.2991	A	1.7
7	☐	500.000	566.279	1804611.17	0.5203	A	5.6
8	☐	1000.000	956.776	2910799.11	0.8160	A	1.1
9	☐			471815.07	0.1357	P	5.4

$$y = 7.5713\text{E-}004 * x + 0.0916$$

$$R = 0.9961$$

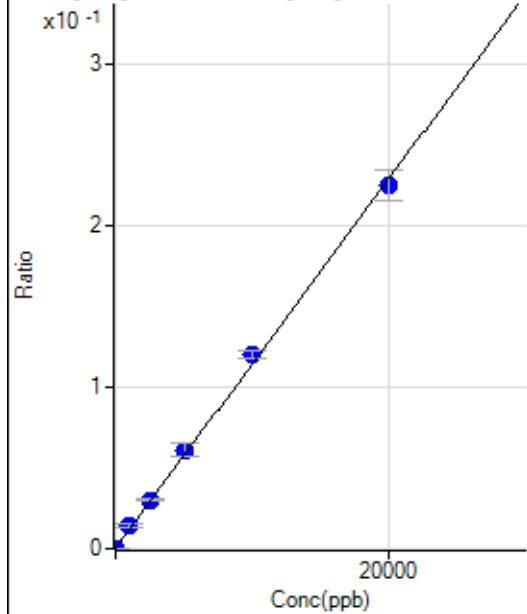
$$DL = 5.482$$

$$BEC = 120.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.918	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	11.918	8.33	0.0003	P	100.2
4	☐	1000.000	1234.196	422.25	0.0142	P	9.2
5	☐	2500.000	2610.381	888.96	0.0300	P	4.8
6	☐	5000.000	5348.004	1741.86	0.0612	P	14.2
7	☐	10000.000	10491.703	3222.75	0.1200	P	4.4
8	☐	20000.000	19641.640	5795.93	0.2245	P	8.4
9	☐			8.33	0.0003	P	98.4

$$y = 1.1423\text{E-}005 * x + 1.3614\text{E-}004$$

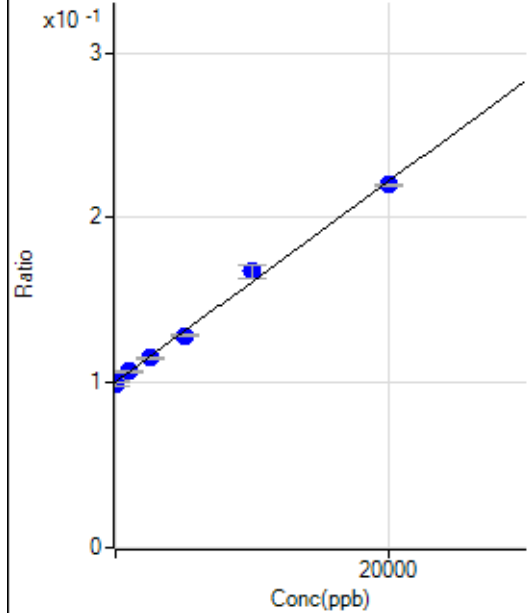
$$R = 0.9994$$

$$DL = 35.81$$

$$BEC = 11.92$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	210.509	375100.75	0.1018	P	0.9
2	☐	0.000					
3	☐	0.000	-210.509	373773.71	0.0993	P	2.9
4	☐	1000.000	1062.183	405386.97	0.1070	P	1.1
5	☐	2500.000	2382.419	436190.51	0.1150	P	1.3
6	☐	5000.000	4575.440	480757.30	0.1283	P	1.0
7	☐	10000.000	10976.008	580213.41	0.1672	P	4.5
8	☐	20000.000	19629.725	784187.87	0.2198	P	0.4
9	☐			328924.35	0.0946	P	5.0

$$y = 6.0770\text{E-}006 * x + 0.1005$$

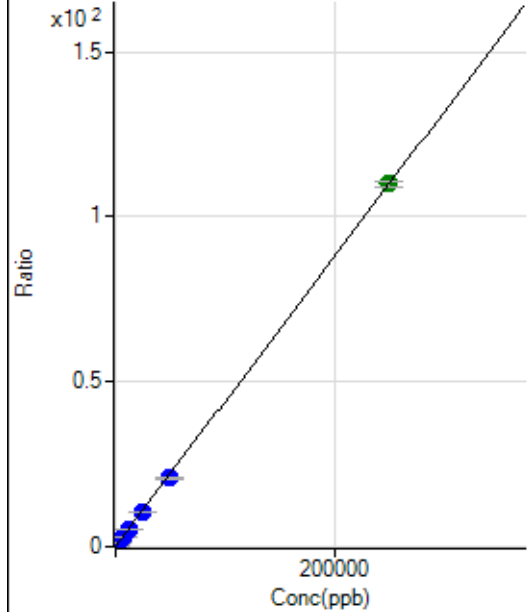
$$R = 0.9979$$

$$DL = 924.6$$

$$BEC = 1.654\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2444.78	0.0801	P	6.9
2	☐	50.000					
3	☐	500.000	510.449	9317.38	0.3039	P	1.5
4	☐	2500.000	2538.376	35362.26	1.1930	P	2.2
5	☐	6250.000	6172.875	82684.76	2.7866	P	0.4
6	☐	12500.000	12190.534	154158.01	5.4252	P	2.7
7	☐	25000.000	24046.533	285458.42	10.6236	P	1.6
8	☐	50000.000	47233.499	536690.52	20.7902	P	2.2
9	☐	250000.00	250665.64	2923790.06	109.9878	A	1.9

$$y = 4.3846\text{E-}004 * x + 0.0801$$

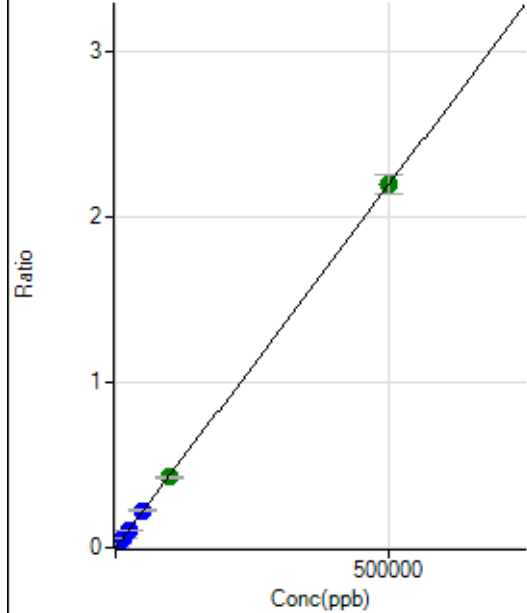
$$R = 0.9999$$

$$DL = 38.06$$

$$BEC = 182.6$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.60	0.0002	P	13.2
2	☐	50.000					
3	☐	500.000	447.394	8105.46	0.0022	P	7.0
4	☐	5000.000	4897.865	82131.95	0.0217	P	1.9
5	☐	12500.000	12055.908	201281.36	0.0531	P	1.6
6	☐	25000.000	24050.069	395920.83	0.1057	P	0.3
7	☐	50000.000	50807.274	773579.52	0.2230	P	5.6
8	☐	100000.00	96864.223	1516406.33	0.4251	A	0.7
9	☐	500000.00	500606.10	7634166.06	2.1960	A	5.2

$$y = 4.3863\text{E-}006 * x + 1.9162\text{E-}004$$

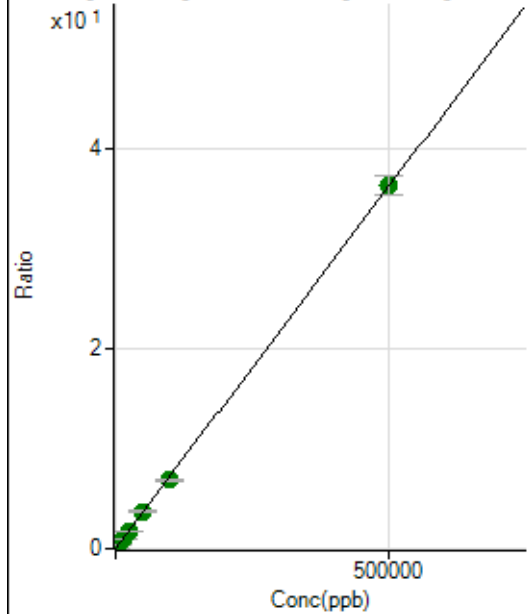
$$R = 1.0000$$

$$DL = 17.32$$

$$BEC = 43.69$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16777.48	0.0046	P	1.3
2	☐	50.000					
3	☐	500.000	452.934	140845.29	0.0374	P	1.9
4	☐	5000.000	4924.298	1370068.82	0.3616	A	1.5
5	☐	12500.000	12056.771	3332716.33	0.8787	A	1.4
6	☐	25000.000	23932.837	6517187.43	1.7398	A	1.3
7	☐	50000.000	50589.916	12736999.24	3.6725	A	5.7
8	☐	100000.00	94574.552	24476912.18	6.8616	A	1.1
9	☐	500000.00	501091.34	126312952.8	36.3357	A	5.3

$$y = 7.2504\text{E-}005 * x + 0.0046$$

$$R = 0.9999$$

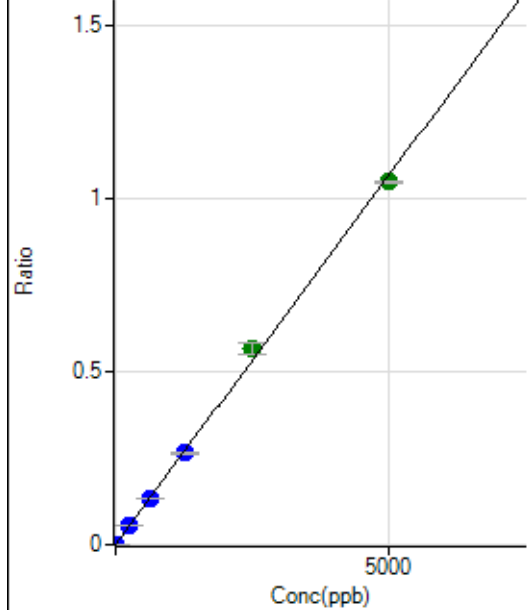
$$DL = 2.377$$

$$BEC = 62.81$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.1
2	☐	0.500					
3	☐	5.000	5.147	4209.15	0.0011	P	1.4
4	☐	250.000	251.914	203506.74	0.0537	P	1.8
5	☐	625.000	628.196	507839.76	0.1339	P	2.2
6	☐	1250.000	1242.450	992065.68	0.2648	P	0.9
7	☐	2500.000	2665.221	1970131.58	0.5681	A	5.7
8	☐	5000.000	4918.782	3739906.55	1.0484	A	0.7
9	☐			816.73	0.0002	P	13.2

$$y = 2.1313\text{E-}004 * x + 2.0353\text{E-}005$$

$$R = 0.9992$$

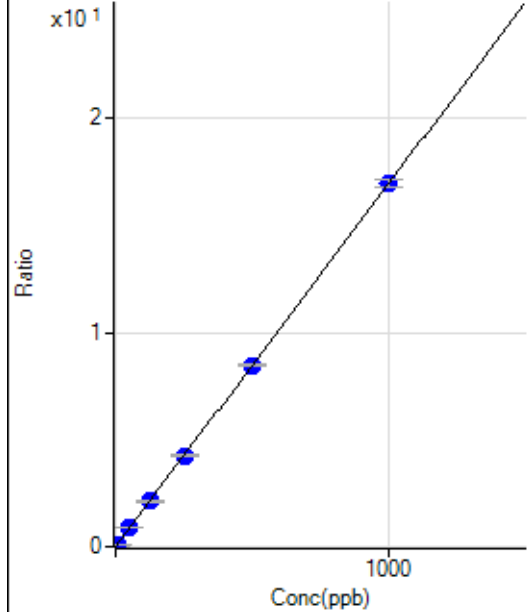
$$DL = 0.05465$$

$$BEC = 0.09549$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0004	P	69.0
2	☐	0.500					
3	☐	5.000	4.815	2510.27	0.0819	P	3.2
4	☐	50.000	51.344	25761.70	0.8692	P	2.5
5	☐	125.000	125.046	62787.75	2.1162	P	1.1
6	☐	250.000	250.999	120701.83	4.2473	P	1.9
7	☐	500.000	499.281	227025.46	8.4483	P	1.1
8	☐	1000.000	1000.038	436813.01	16.9212	P	2.2
9	☐			196.67	0.0074	P	14.2

$$y = 0.0169 * x + 4.0077\text{E-}004$$

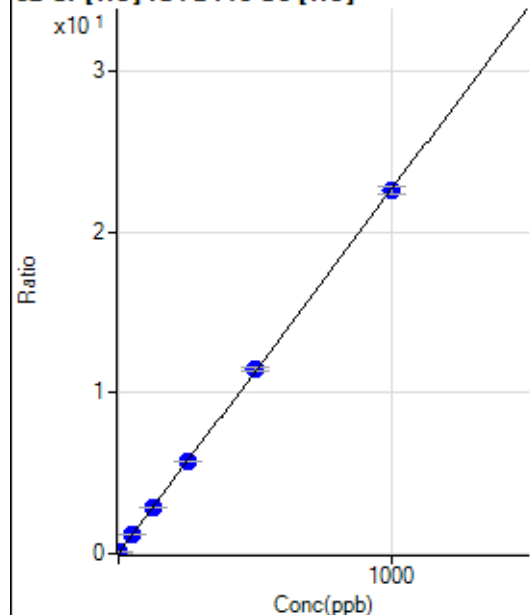
$$R = 1.0000$$

$$DL = 0.04904$$

$$BEC = 0.02369$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.35	0.0158	P	19.5
2	☐	0.200					
3	☐	2.000	2.044	1905.72	0.0621	P	2.1
4	☐	50.000	51.720	35201.02	1.1877	P	2.7
5	☐	125.000	127.380	86103.95	2.9020	P	0.7
6	☐	250.000	252.269	162894.02	5.7318	P	1.5
7	☐	500.000	506.374	308730.92	11.4893	P	1.5
8	☐	1000.000	995.862	582897.77	22.5802	P	2.2
9	☐			20164.73	0.7588	P	3.7

$$y = 0.0227 * x + 0.0158$$

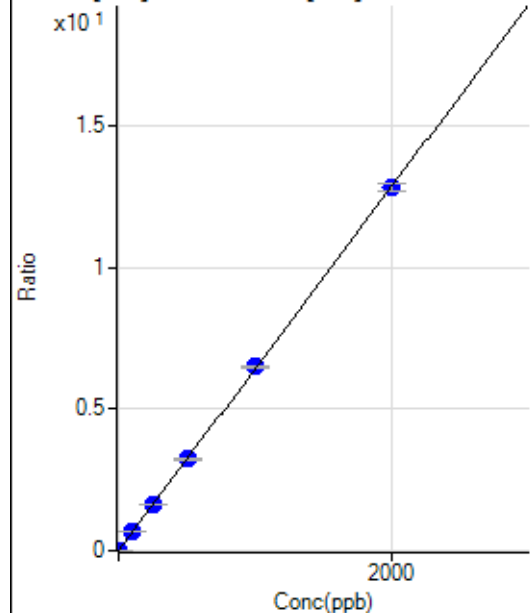
$$R = 1.0000$$

$$DL = 0.4079$$

$$BEC = 0.6987$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0057	P	13.2
2	☐	0.100					
3	☐	1.000	0.872	345.57	0.0113	P	5.1
4	☐	100.000	102.583	19688.56	0.6641	P	1.1
5	☐	250.000	251.650	48098.27	1.6210	P	0.8
6	☐	500.000	504.531	92191.62	3.2442	P	2.2
7	☐	1000.000	1009.437	174275.04	6.4852	P	0.9
8	☐	2000.000	1993.813	330532.65	12.8038	P	2.0
9	☐			1513.44	0.0569	P	3.4

$$y = 0.0064 * x + 0.0057$$

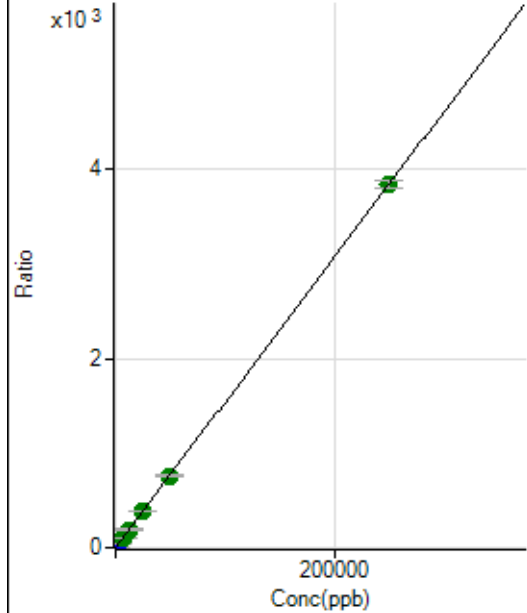
$$R = 1.0000$$

$$DL = 0.3498$$

$$BEC = 0.8839$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1331.59	0.0436	P	4.3
2	☐	5.000					
3	☐	50.000	49.885	24805.96	0.8090	P	0.4
4	☐	2500.000	2555.600	1163420.79	39.2552	P	2.7
5	☐	6250.000	6362.451	2897915.60	97.6653	A	0.3
6	☐	12500.000	12515.760	5458707.88	192.0780	A	1.6
7	☐	25000.000	25055.001	10331243.40	384.4727	A	1.4
8	☐	50000.000	49528.361	19619583.54	759.9775	A	1.9
9	☐	250000.00	250084.67	101997328.2	3,837.195	A	2.3

$$y = 0.0153 * x + 0.0436$$

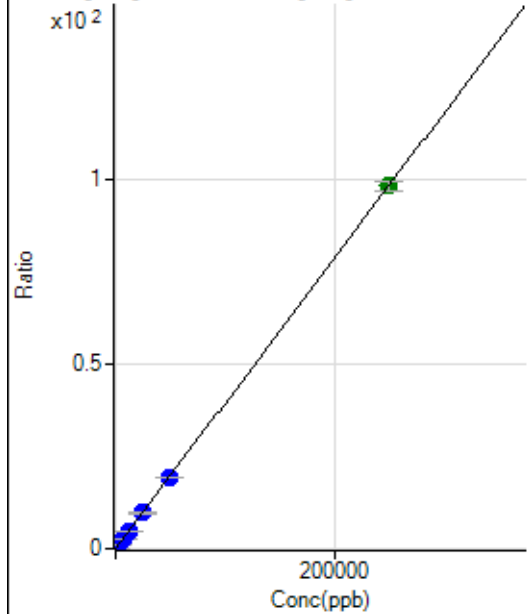
$$R = 1.0000$$

$$DL = 0.3626$$

$$BEC = 2.841$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0015	P	34.3
2	☐	5.000					
3	☐	50.000	43.993	575.96	0.0188	P	13.9
4	☐	2500.000	2544.919	29650.66	1.0005	P	3.3
5	☐	6250.000	6226.432	72560.89	2.4456	P	1.4
6	☐	12500.000	12256.212	136764.18	4.8126	P	1.9
7	☐	25000.000	24708.831	260663.37	9.7008	P	1.6
8	☐	50000.000	49035.412	496924.72	19.2500	P	2.3
9	☐	250000.00	250234.36	2610800.35	98.2289	A	2.8

$$y = 3.9254E-004 * x + 0.0015$$

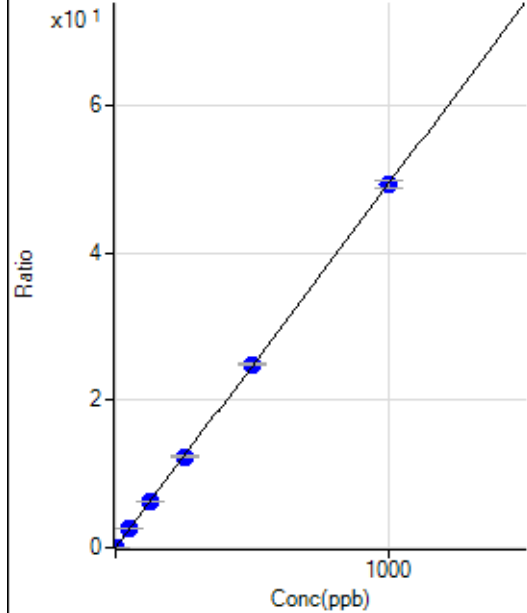
$$R = 1.0000$$

$$DL = 3.964$$

$$BEC = 3.857$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0024	P	7.4
2	☐	0.100					
3	☐	1.000	0.979	1554.56	0.0507	P	7.2
4	☐	50.000	51.400	75145.83	2.5353	P	2.1
5	☐	125.000	125.951	184223.93	6.2089	P	0.4
6	☐	250.000	250.817	351316.63	12.3619	P	1.6
7	☐	500.000	503.824	667187.64	24.8294	P	1.5
8	☐	1000.000	997.695	1269209.11	49.1659	P	2.1
9	☐			16277.51	0.6123	P	1.9

$$y = 0.0493 * x + 0.0024$$

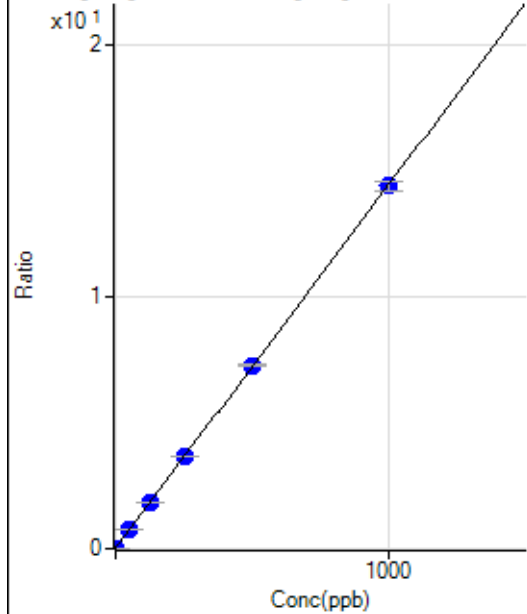
$$R = 1.0000$$

$$DL = 0.01095$$

$$BEC = 0.04947$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	478.90	0.0157	P	9.2
2	☐	0.100					
3	☐	1.000	1.148	988.95	0.0323	P	4.5
4	☐	50.000	52.054	22754.37	0.7676	P	1.7
5	☐	125.000	127.621	55163.29	1.8591	P	0.5
6	☐	250.000	252.383	104054.71	3.6613	P	1.4
7	☐	500.000	502.879	195611.86	7.2796	P	1.5
8	☐	1000.000	997.535	372360.48	14.4248	P	2.3
9	☐			11050.10	0.4159	P	5.3

$$y = 0.0144 * x + 0.0157$$

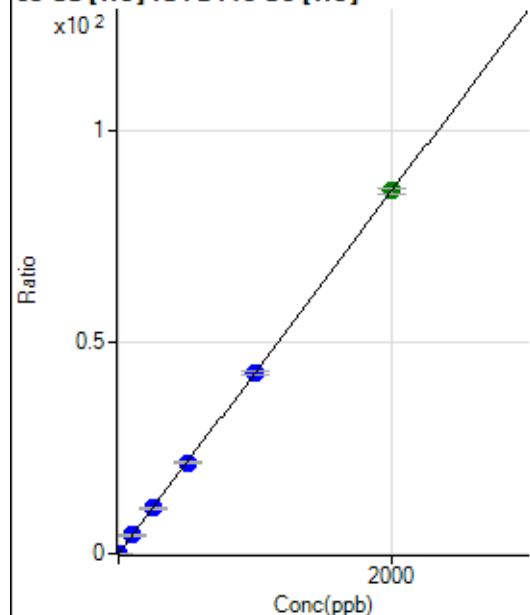
$$R = 1.0000$$

$$DL = 0.3001$$

$$BEC = 1.085$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	636.69	0.0208	P	3.6
2	☐	0.200					
3	☐	2.000	1.957	3213.77	0.1048	P	5.5
4	☐	100.000	101.308	129419.96	4.3666	P	2.5
5	☐	250.000	249.473	318140.85	10.7224	P	0.6
6	☐	500.000	499.213	609153.73	21.4353	P	1.8
7	☐	1000.000	996.361	1149060.06	42.7613	P	1.3
8	☐	2000.000	2002.017	2217571.37	85.9005	A	1.9
9	☐			5541.19	0.2085	P	2.4

$$y = 0.0429 * x + 0.0208$$

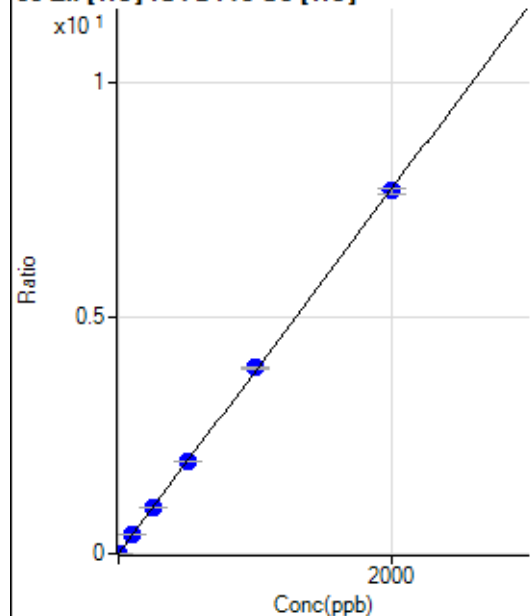
$$R = 1.0000$$

$$DL = 0.05251$$

$$BEC = 0.4859$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0036	P	3.1
2	☐	0.200					
3	☐	2.000	2.666	426.68	0.0139	P	4.1
4	☐	100.000	102.021	11802.95	0.3982	P	2.0
5	☐	250.000	248.178	28587.50	0.9635	P	0.7
6	☐	500.000	505.375	55649.06	1.9582	P	2.0
7	☐	1000.000	1018.378	105933.95	3.9424	P	1.6
8	☐	2000.000	1989.593	198747.41	7.6988	P	1.9
9	☐			1213.41	0.0457	P	8.2

$$y = 0.0039 * x + 0.0036$$

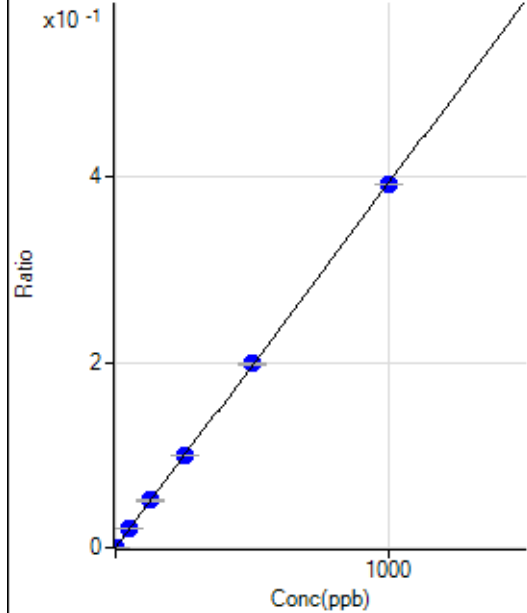
$$R = 0.9999$$

$$DL = 0.08764$$

$$BEC = 0.9311$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	1.049	90.75	0.0004	P	16.7
4	☐	50.000	51.866	4187.10	0.0204	P	2.4
5	☐	125.000	129.723	10436.73	0.0511	P	2.6
6	☐	250.000	252.942	19783.36	0.0996	P	1.6
7	☐	500.000	505.966	37980.50	0.1992	P	1.3
8	☐	1000.000	995.598	72326.72	0.3920	P	0.2
9	☐			114.20	0.0006	P	9.2

$$y = 3.9370\text{E-}004 * x + 1.7956\text{E-}005$$

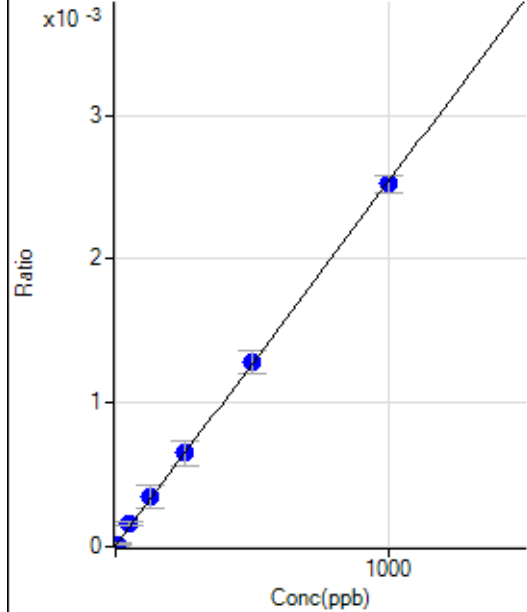
$$R = 1.0000$$

$$DL = 0.06814$$

$$BEC = 0.04561$$

Weight: <None>

Min Conc: 0

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

	R _j 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	4.107	3.33	0.0000	P	100.0
4	☐	50.000	61.973	33.33	0.0002	P	18.7
5	☐	125.000	135.409	71.11	0.0003	P	45.9
6	☐	250.000	256.025	130.01	0.0007	P	26.8
7	☐	500.000	505.828	245.56	0.0013	P	12.6
8	☐	1000.000	993.684	465.57	0.0025	P	4.8
9	☐			1.11	0.0000	P	173.2

$$y = 2.5343\text{E-}006 * x + 5.3784\text{E-}006$$

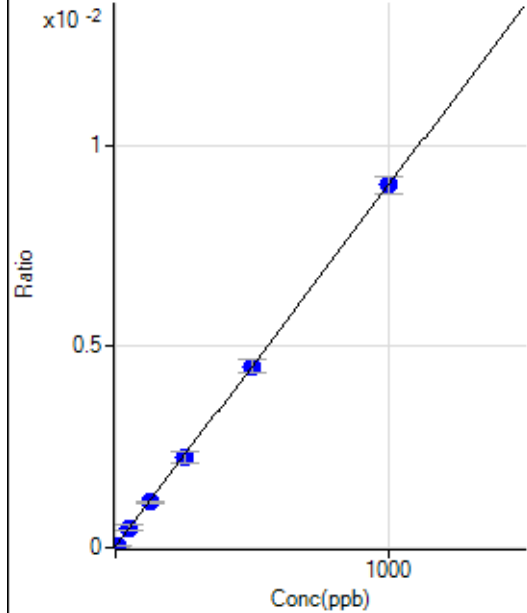
$$R = 0.9999$$

$$DL = 11.03$$

$$BEC = 2.122$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	57.9
2	☐	0.500					
3	☐	5.000	4.168	13.58	0.0001	P	15.8
4	☐	50.000	51.077	99.38	0.0005	P	26.6
5	☐	125.000	122.368	230.25	0.0011	P	7.5
6	☐	250.000	248.915	450.01	0.0023	P	12.3
7	☐	500.000	499.547	861.15	0.0045	P	6.8
8	☐	1000.000	1000.777	1664.93	0.0090	P	4.9
9	☐			2.47	0.0000	P	173.2

$$y = 8.9913\text{E-}006 * x + 2.7006\text{E-}005$$

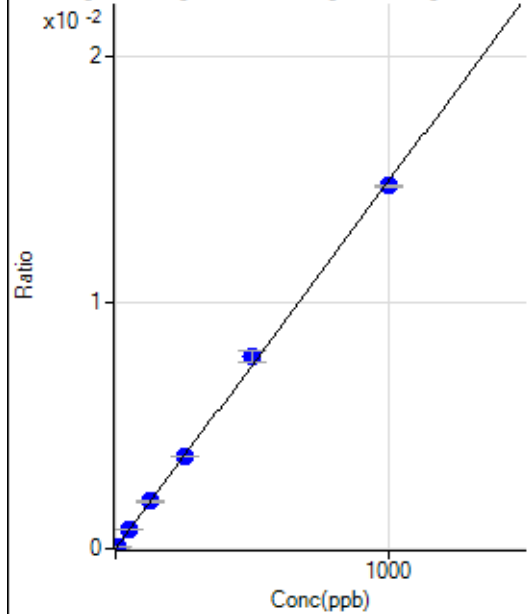
R = 1.0000

DL = 5.216

BEC = 3.004

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-22.35	0.0000	P	-191.
2	☐	0.500					
3	☐	5.000	5.203	477.23	0.0001	P	19.9
4	☐	50.000	51.329	4982.79	0.0008	P	2.2
5	☐	125.000	129.105	12662.92	0.0019	P	1.9
6	☐	250.000	249.739	24403.04	0.0037	P	0.3
7	☐	500.000	523.440	48500.00	0.0078	P	5.9
8	☐	1000.000	987.765	94638.57	0.0147	P	0.4
9	☐			42.92	0.0000	P	56.9

$$y = 1.4912\text{E-}005 * x - 3.5457\text{E-}006$$

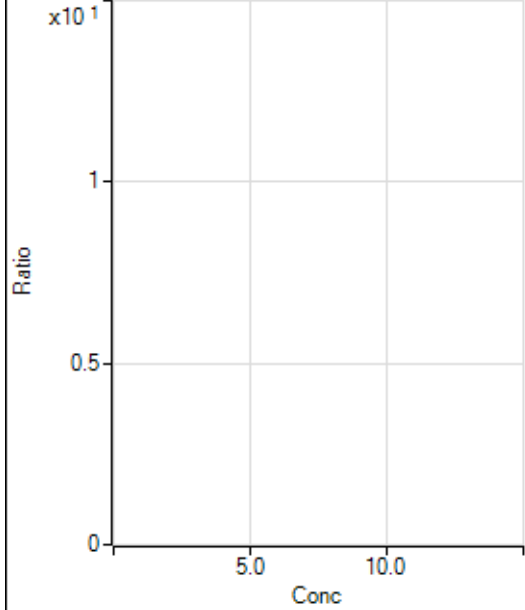
R = 0.9996

DL = 1.362

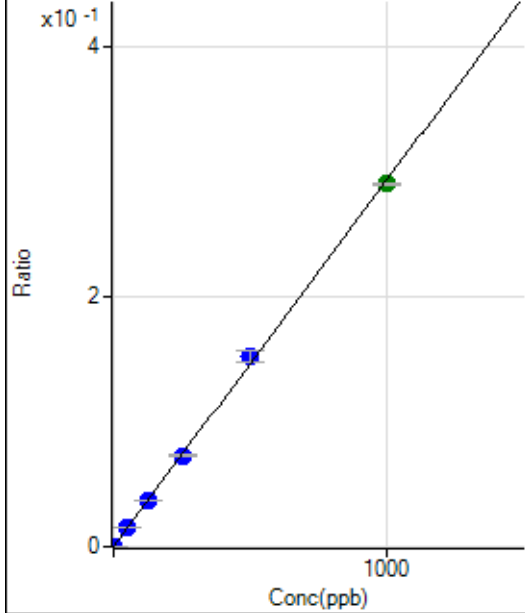
BEC = -0.2378

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			343.34	0.0001	P	12.2
2	☐						
3	☐			335.56	0.0001	P	7.7
4	☐			368.90	0.0001	P	12.4
5	☐			347.79	0.0001	P	7.7
6	☐			378.90	0.0001	P	10.9
7	☐			380.01	0.0001	P	12.4
8	☐			290.01	0.0000	P	11.0
9	☐			356.68	0.0001	P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	563.93	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	0.951	2367.00	0.0004	P	5.9
4	☐	50.000	50.711	97807.50	0.0150	P	2.7
5	☐	125.000	124.949	241994.43	0.0367	P	0.9
6	☐	250.000	248.620	478669.56	0.0730	P	1.0
7	☐	500.000	519.314	946894.40	0.1523	P	6.2
8	☐	1000.000	990.659	1867171.89	0.2905	A	0.6
9	☐			9067.32	0.0015	P	4.9

$$y = 2.9319\text{E-}004 * x + 8.8986\text{E-}005$$

$$R = 0.9997$$

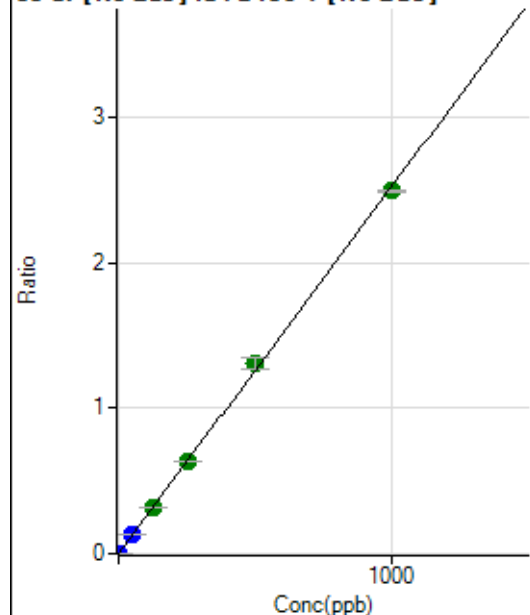
$$DL = 0.009265$$

$$BEC = 0.3035$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.998	16349.26	0.0025	P	1.0
4	☐	50.000	50.769	838204.77	0.1282	P	0.6
5	☐	125.000	126.598	2105841.97	0.3196	A	1.3
6	☐	250.000	251.633	4165904.52	0.6352	A	0.8
7	☐	500.000	520.715	8169726.66	1.3144	A	6.1
8	☐	1000.000	988.996	16042685.08	2.4963	A	0.6
9	☐			78034.41	0.0125	P	6.5

$$y = 0.0025 * x + 2.0603E-005$$

$$R = 0.9997$$

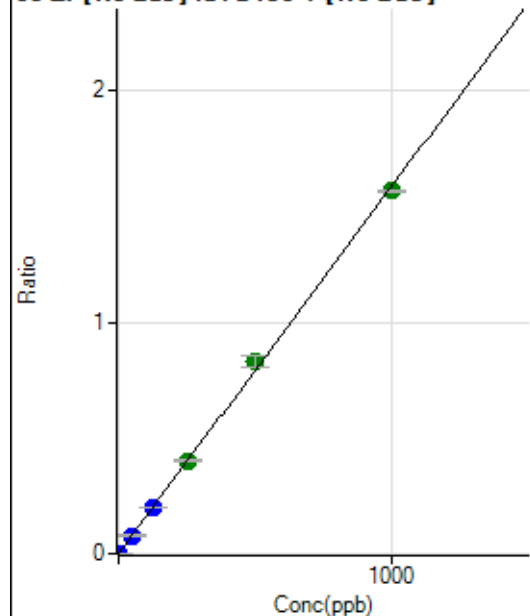
$$DL = 0.003622$$

$$BEC = 0.008162$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.82	0.0001	P	7.7
2	☐	0.100					
3	☐	1.000	0.873	9495.39	0.0015	P	3.6
4	☐	50.000	49.598	514379.37	0.0787	P	1.6
5	☐	125.000	124.832	1303649.13	0.1978	P	0.9
6	☐	250.000	252.098	2619691.96	0.3994	A	1.8
7	☐	500.000	522.197	5141637.88	0.8273	A	6.3
8	☐	1000.000	988.418	10062522.97	1.5658	A	0.2
9	☐			2597.57	0.0004	P	10.2

$$y = 0.0016 * x + 9.1164E-005$$

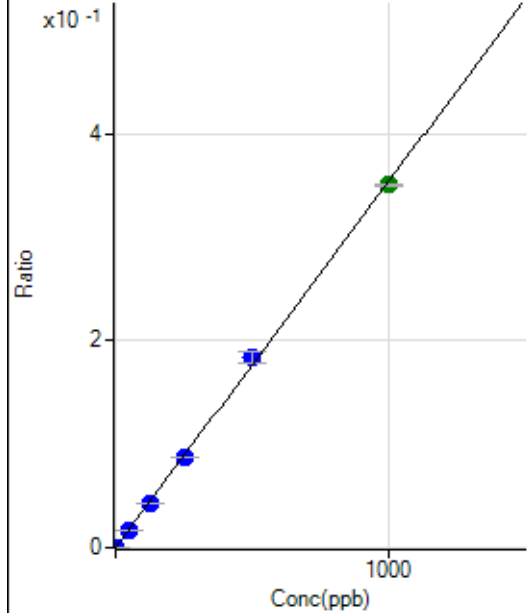
$$R = 0.9996$$

$$DL = 0.01332$$

$$BEC = 0.05755$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	20.9
2	☐	0.100					
3	☐	1.000	0.809	2025.24	0.0003	P	5.5
4	☐	50.000	49.129	113878.58	0.0174	P	1.5
5	☐	125.000	122.710	286343.48	0.0435	P	0.7
6	☐	250.000	245.701	570450.91	0.0870	P	1.0
7	☐	500.000	519.406	1142488.57	0.1838	P	6.5
8	☐	1000.000	991.702	2255473.21	0.3510	A	0.7
9	☐			680.60	0.0001	P	6.5

$$y = 3.5387\text{E-}004 * x + 2.8044\text{E-}005$$

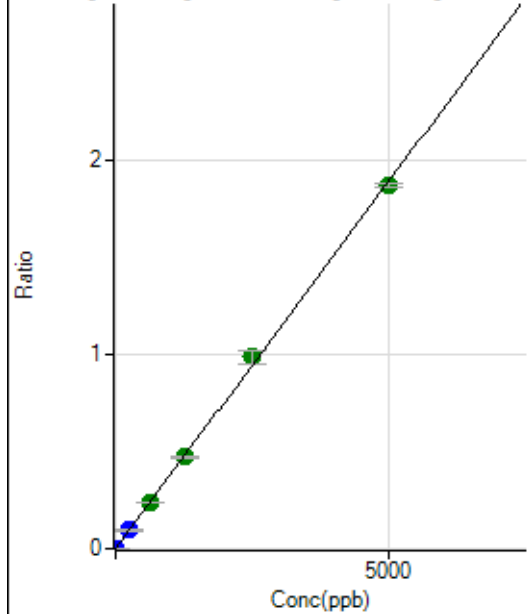
$$R = 0.9997$$

$$DL = 0.04978$$

$$BEC = 0.07925$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	4.744	11838.93	0.0018	P	2.6
4	☐	250.000	248.869	616701.78	0.0943	P	1.3
5	☐	625.000	634.220	1583220.31	0.2403	A	0.9
6	☐	1250.000	1249.408	3104009.23	0.4733	A	0.8
7	☐	2500.000	2611.749	6147542.93	0.9892	A	6.7
8	☐	5000.000	4943.178	12032054.26	1.8723	A	1.1
9	☐			11863.98	0.0019	P	3.5

$$y = 3.7875\text{E-}004 * x + 4.2072\text{E-}005$$

$$R = 0.9996$$

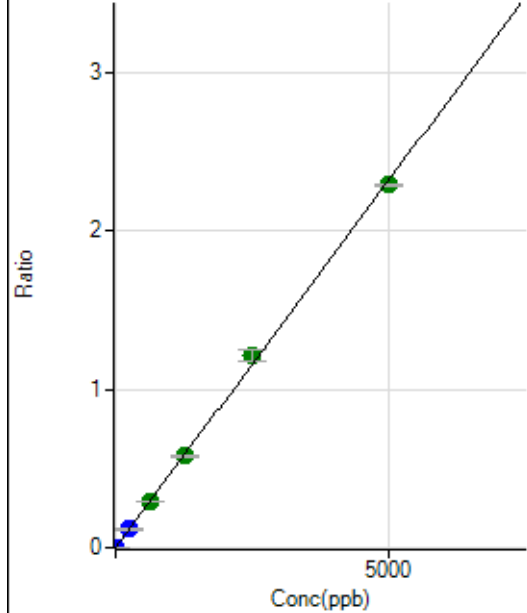
$$DL = 0.07802$$

$$BEC = 0.1111$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	53.8
2	☐	0.500					
3	☐	5.000	4.943	14775.23	0.0023	P	4.8
4	☐	250.000	249.598	756000.98	0.1156	P	0.7
5	☐	625.000	632.126	1929121.22	0.2928	A	1.7
6	☐	1250.000	1248.262	3791607.94	0.5781	A	1.1
7	☐	2500.000	2613.188	7521934.02	1.2102	A	6.3
8	☐	5000.000	4942.970	14711429.50	2.2892	A	0.5
9	☐			19016.87	0.0030	P	3.5

$$y = 4.6312\text{E-}004 * x + 5.7072\text{E-}006$$

$$R = 0.9996$$

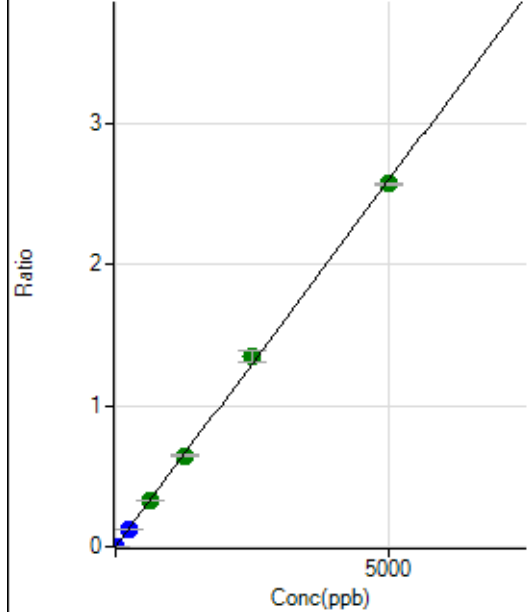
$$DL = 0.01988$$

$$BEC = 0.01232$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.888	16516.26	0.0026	P	3.7
4	☐	250.000	247.345	840715.19	0.1286	P	0.9
5	☐	625.000	631.732	2163417.65	0.3283	A	1.0
6	☐	1250.000	1241.835	4232479.65	0.6453	A	1.3
7	☐	2500.000	2596.318	8384535.51	1.3492	A	6.5
8	☐	5000.000	4953.173	16540900.72	2.5739	A	0.3
9	☐			21918.49	0.0035	P	4.6

$$y = 5.1963\text{E-}004 * x + 2.5429\text{E-}005$$

$$R = 0.9997$$

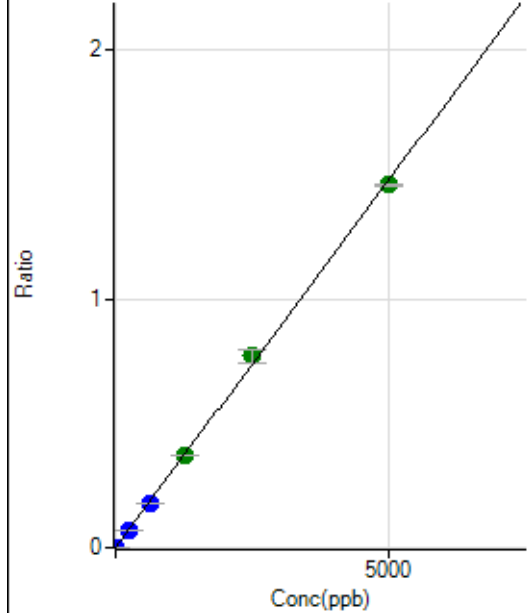
$$DL = 0.03903$$

$$BEC = 0.04894$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	48.4
2	☐	0.500					
3	☐	5.000	4.883	9356.42	0.0015	P	1.7
4	☐	250.000	245.344	473656.62	0.0724	P	1.1
5	☐	625.000	612.069	1190556.82	0.1807	P	1.0
6	☐	1250.000	1259.689	2438688.92	0.3718	A	0.4
7	☐	2500.000	2618.023	4801529.36	0.7727	A	7.0
8	☐	5000.000	4940.415	9371141.88	1.4582	A	0.8
9	☐			12122.66	0.0019	P	5.6

$$y = 2.9516\text{E-}004 * x + 1.1835\text{E-}005$$

$$R = 0.9996$$

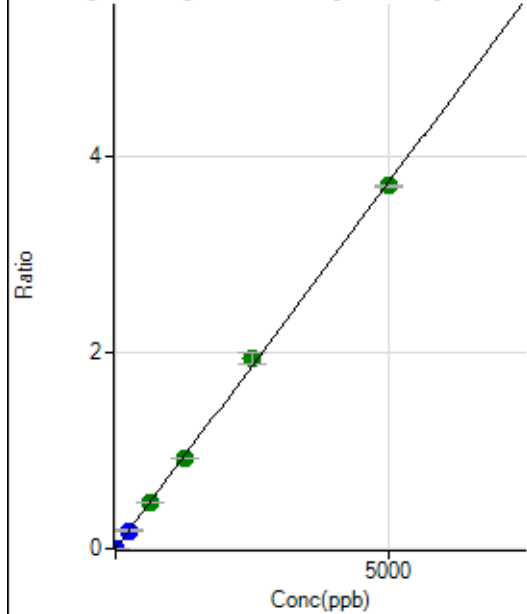
$$DL = 0.05822$$

$$BEC = 0.0401$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.819	23259.60	0.0036	P	4.5
4	☐	250.000	248.647	1212420.36	0.1854	P	1.0
5	☐	625.000	625.006	3070750.33	0.4660	A	0.7
6	☐	1250.000	1232.864	6028472.79	0.9191	A	0.6
7	☐	2500.000	2597.012	12036332.73	1.9361	A	5.7
8	☐	5000.000	4955.845	23744068.93	3.6947	A	0.2
9	☐			30282.31	0.0048	P	4.1

$$y = 7.4551\text{E-}004 * x + 2.1028\text{E-}005$$

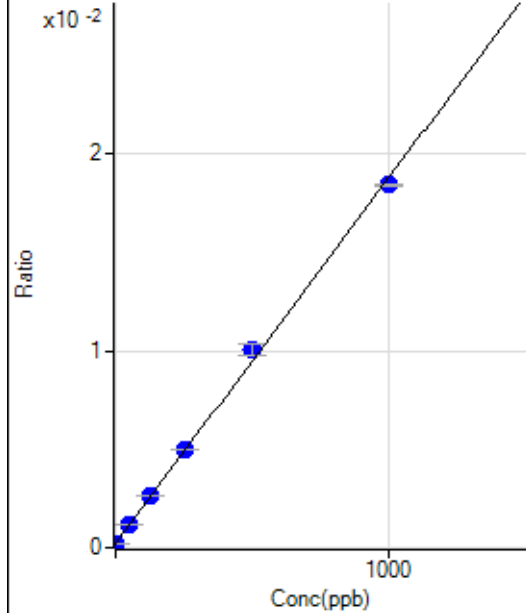
$$R = 0.9997$$

$$DL = 0.01801$$

$$BEC = 0.02821$$

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	1650.17	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	0.300	1744.64	0.0002	P	6.8
4	☐	50.000	52.625	9948.55	0.0012	P	3.2
5	☐	125.000	130.770	22564.10	0.0026	P	1.2
6	☐	250.000	257.369	43404.36	0.0050	P	0.6
7	☐	500.000	531.530	83918.99	0.0101	P	5.7
8	☐	1000.000	981.541	163885.57	0.0184	P	0.7
9	☐			1636.29	0.0002	P	2.6

$$y = 1.8580E-005 * x + 2.0572E-004$$

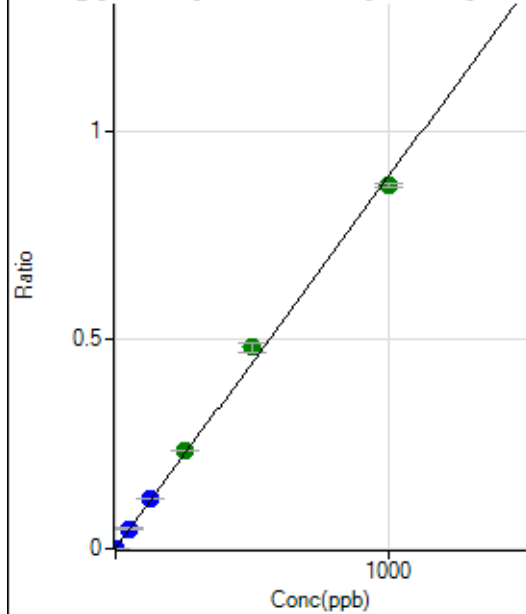
$$R = 0.9992$$

$$DL = 1.099$$

$$BEC = 11.07$$

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	41.67	0.0000	P	52.7
2	☐	0.100					
3	☐	1.000	1.041	7688.60	0.0009	P	4.4
4	☐	50.000	54.032	403957.20	0.0481	P	2.1
5	☐	125.000	133.016	1012749.50	0.1183	P	1.0
6	☐	250.000	262.051	2028258.20	0.2331	A	0.6
7	☐	500.000	540.830	4005351.57	0.4810	A	4.8
8	☐	1000.000	975.368	7708456.86	0.8675	A	1.2
9	☐			708.39	0.0001	P	13.5

$$y = 8.8940E-004 * x + 5.1916E-006$$

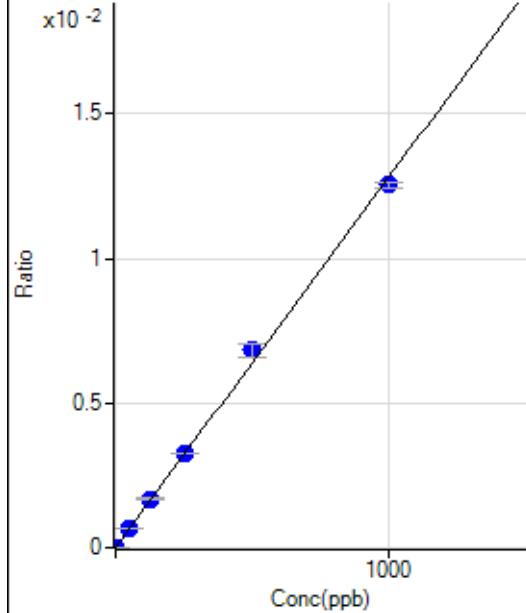
$$R = 0.9986$$

$$DL = 0.009232$$

$$BEC = 0.005837$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	41.7
2	☐	0.100					
3	☐	1.000	1.087	130.56	0.0000	P	3.3
4	☐	50.000	53.773	5797.20	0.0007	P	1.3
5	☐	125.000	132.257	14495.54	0.0017	P	2.8
6	☐	250.000	256.364	28551.37	0.0033	P	0.5
7	☐	500.000	533.720	56816.52	0.0068	P	6.8
8	☐	1000.000	980.453	111448.59	0.0125	P	1.3
9	☐			30.56	0.0000	P	44.6

$$y = 1.2790\text{E-}005 * x + 1.9052\text{E-}006$$

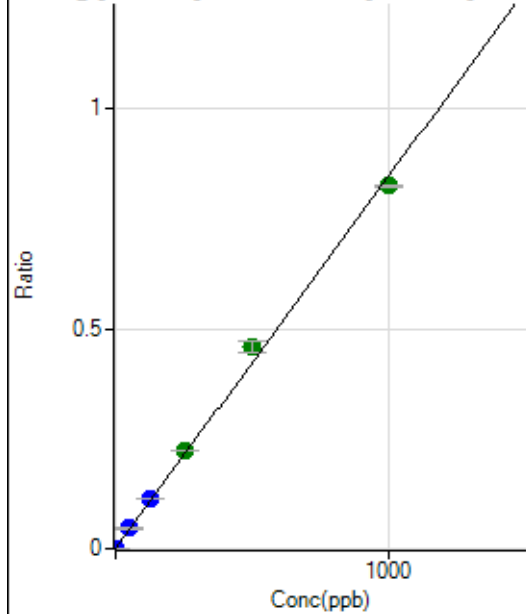
$$R = 0.9991$$

$$DL = 0.1865$$

$$BEC = 0.149$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	96.3
2	☐	0.100					
3	☐	1.000	1.043	7319.00	0.0009	P	5.6
4	☐	50.000	54.478	387751.63	0.0461	P	1.0
5	☐	125.000	133.930	970783.05	0.1134	P	0.5
6	☐	250.000	263.214	1939449.35	0.2229	A	0.4
7	☐	500.000	541.938	3819433.94	0.4589	A	5.8
8	☐	1000.000	974.387	7331139.31	0.8250	A	0.8
9	☐			675.05	0.0001	P	2.6

$$y = 8.4670\text{E-}004 * x + 3.4596\text{E-}006$$

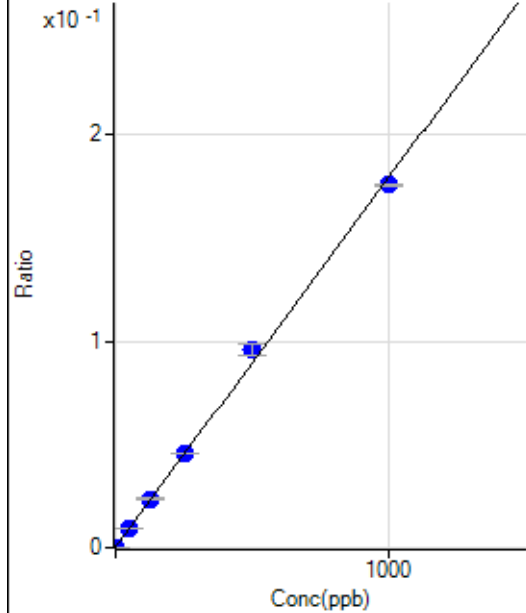
$$R = 0.9986$$

$$DL = 0.0118$$

$$BEC = 0.004086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1154.15	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.981	2636.91	0.0003	P	5.7
4	☐	50.000	52.996	80871.94	0.0096	P	0.2
5	☐	125.000	131.200	202056.00	0.0236	P	1.5
6	☐	250.000	256.042	399685.57	0.0459	P	0.4
7	☐	500.000	533.358	794968.49	0.0955	P	6.1
8	☐	1000.000	980.885	1559915.07	0.1755	P	0.5
9	☐			1417.08	0.0002	P	5.0

$$y = 1.7882\text{E-}004 * x + 1.4388\text{E-}004$$

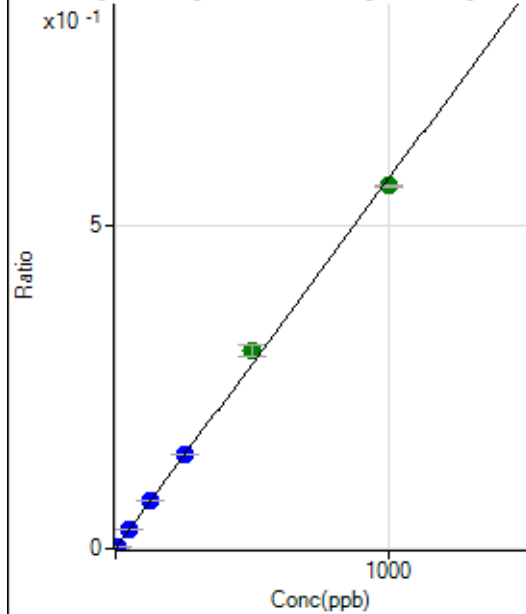
$$R = 0.9991$$

$$DL = 0.0868$$

$$BEC = 0.8046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1419.60	0.0002	P	8.2
2	☐	0.500					
3	☐	5.000	5.063	25441.80	0.0031	P	2.2
4	☐	50.000	52.211	253209.25	0.0301	P	0.6
5	☐	125.000	128.703	633387.41	0.0740	P	1.5
6	☐	250.000	252.615	1262408.32	0.1451	P	0.1
7	☐	500.000	534.804	2554277.12	0.3069	A	6.2
8	☐	1000.000	981.370	5003336.05	0.5630	A	0.5
9	☐			5868.22	0.0007	P	1.7

$$y = 5.7356\text{E-}004 * x + 1.7697\text{E-}004$$

$$R = 0.9991$$

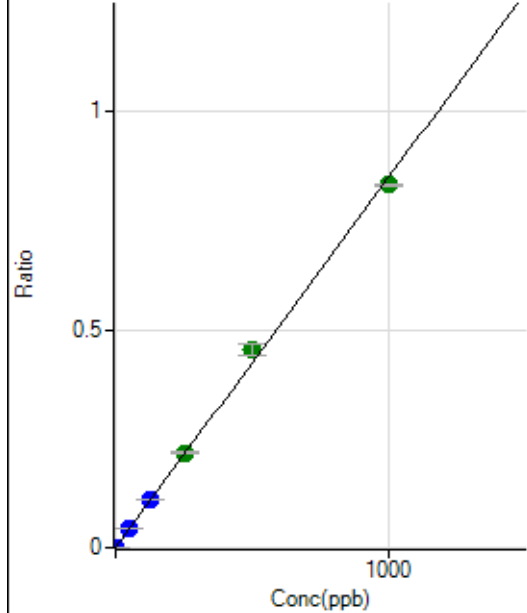
$$DL = 0.07635$$

$$BEC = 0.3085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.1
2	☐	0.200					
3	☐	2.000	1.996	14049.78	0.0017	P	2.1
4	☐	50.000	51.744	369455.69	0.0440	P	1.6
5	☐	125.000	129.048	938346.87	0.1096	P	0.6
6	☐	250.000	256.127	1893203.21	0.2175	A	0.9
7	☐	500.000	535.041	3781835.98	0.4544	A	6.4
8	☐	1000.000	980.355	7399215.88	0.8327	A	0.8
9	☐			20246.77	0.0024	P	2.7

$$y = 8.4936E-004 * x + 5.8887E-006$$

$$R = 0.9991$$

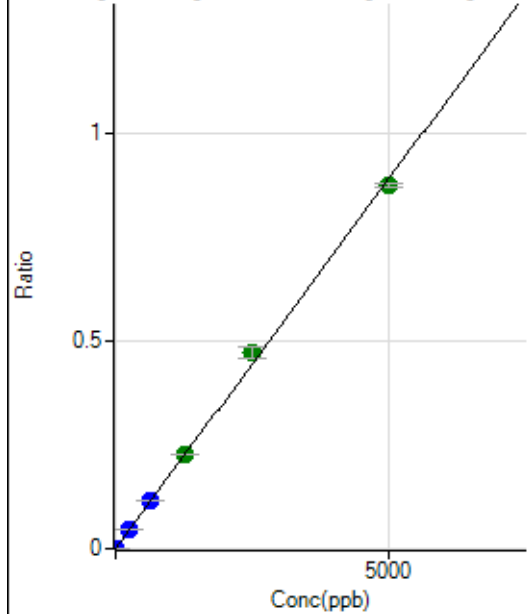
$$DL = 0.005627$$

$$BEC = 0.006933$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.6
2	☐	1.000					
3	☐	10.000	10.160	14984.08	0.0018	P	2.9
4	☐	250.000	259.173	388349.49	0.0462	P	1.1
5	☐	625.000	649.378	990855.91	0.1158	P	1.4
6	☐	1250.000	1281.067	1987184.16	0.2284	A	0.7
7	☐	2500.000	2657.112	3942107.99	0.4736	A	6.0
8	☐	5000.000	4910.171	7777386.20	0.8752	A	0.9
9	☐			1147.34	0.0001	P	6.2

$$y = 1.7825E-004 * x + 3.8073E-006$$

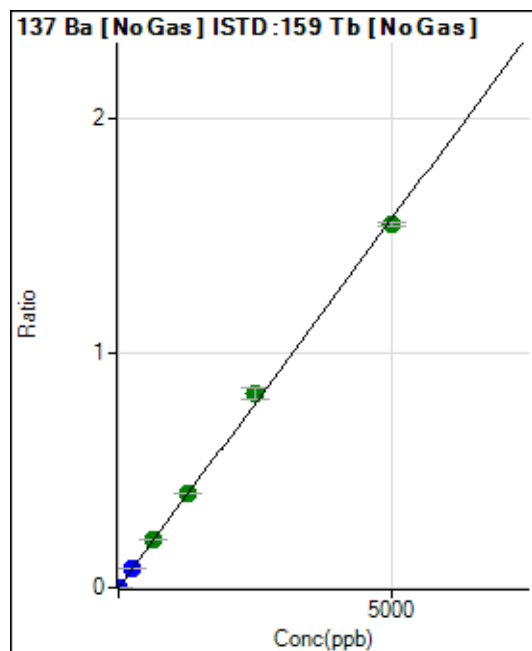
$$R = 0.9992$$

$$DL = 0.03625$$

$$BEC = 0.02136$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	24.9
2	☐	1.000					
3	☐	10.000	9.901	25745.29	0.0031	P	3.0
4	☐	250.000	258.899	683760.38	0.0813	P	1.3
5	☐	625.000	653.915	1758585.48	0.2055	A	1.7
6	☐	1250.000	1274.878	3485625.51	0.4005	A	0.2
7	☐	2500.000	2634.044	6889426.19	0.8276	A	5.4
8	☐	5000.000	4922.700	13742996.83	1.5466	A	1.0
9	☐			1922.45	0.0002	P	3.1

$$y = 3.1417\text{E-}004 * x + 7.2751\text{E-}006$$

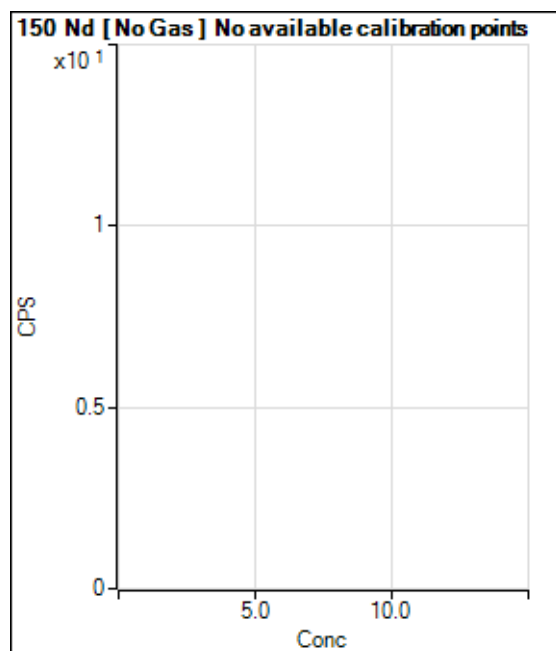
$$R = 0.9994$$

$$DL = 0.0173$$

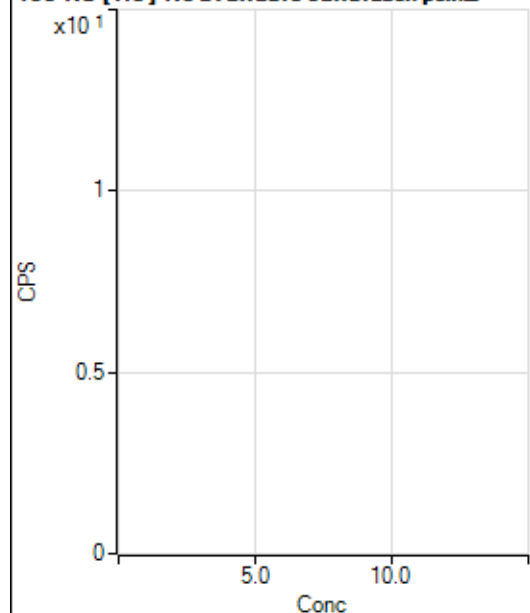
$$BEC = 0.02316$$

Weight: <None>

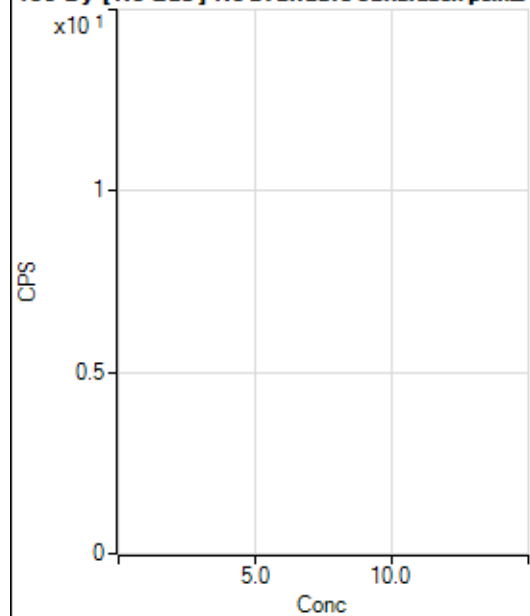
Min Conc: 0



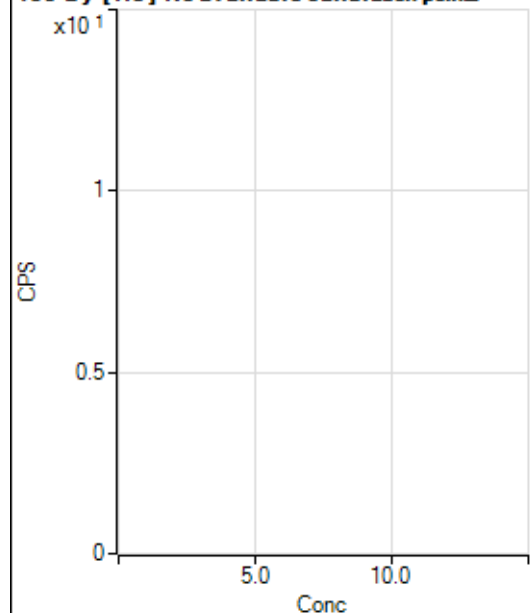
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐						
3	☐			8.89		P	114.5
4	☐			33.34		P	34.6
5	☐			62.23		P	16.4
6	☐			77.78		P	38.6
7	☐			191.12		P	17.9
8	☐			306.68		P	10.9
9	☐			91.12		P	16.9

150 Nd [He] No available calibration points

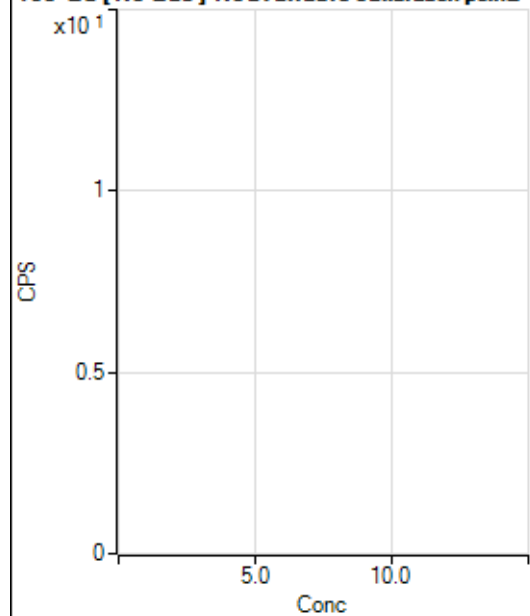
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			0.00		P	
7	☐			6.67		P	100.0
8	☐			8.89		P	21.6
9	☐			7.78		P	24.7

156 Dy [No Gas] No available calibration points

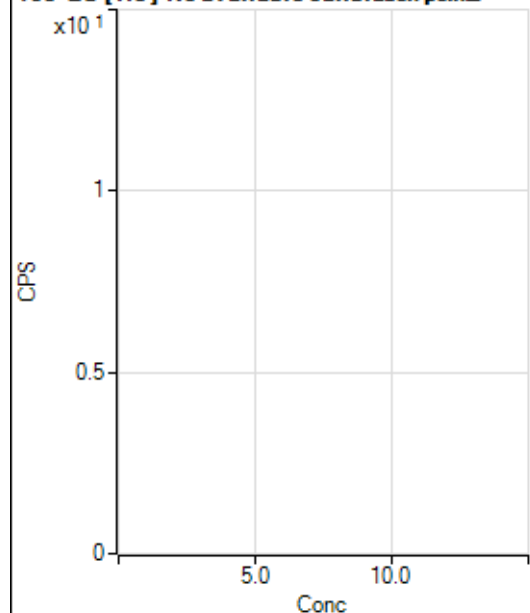
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			11.11		P	43.3
4	☐			16.67		P	50.0
5	☐			36.11		P	58.1
6	☐			55.56		P	45.8
7	☐			61.11		P	82.2
8	☐			119.45		P	56.4
9	☐			80.56		P	51.0

156 Dy [He] No available calibration points

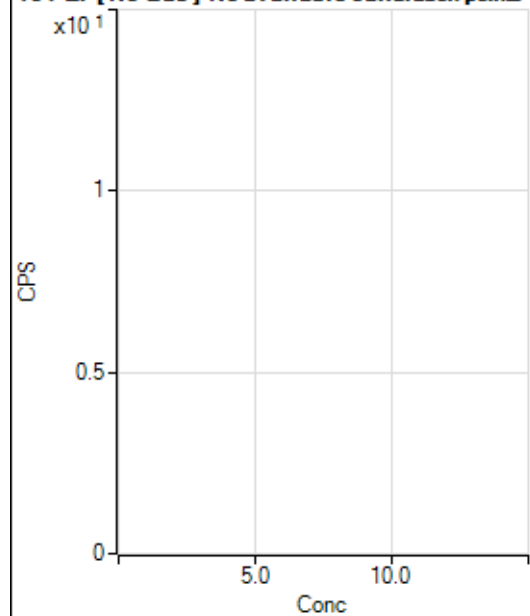
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			6.67		P	100.0
6	☐			1.11		P	173.2
7	☐			7.78		P	99.0
8	☐			11.11		P	17.3
9	☐			12.22		P	15.7

160 Gd [No Gas] Noavailable calibration poin_

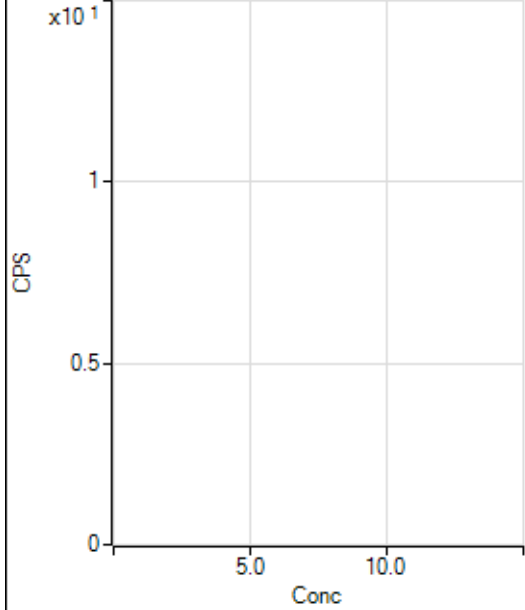
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	16.4
2	☐						
3	☐			75.01		P	19.2
4	☐			41.67		P	52.9
5	☐			75.01		P	19.2
6	☐			69.45		P	18.3
7	☐			75.00		P	11.1
8	☐			86.11		P	31.1
9	☐			102.78		P	16.9

160 Gd [He] No available calibration points

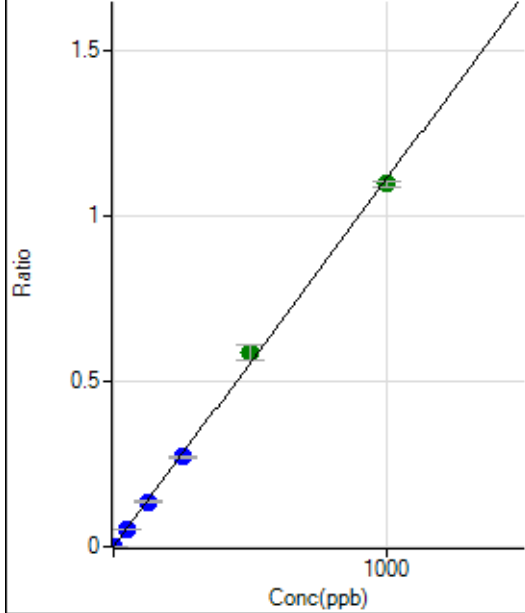
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			6.67		P	0.0
4	☐			11.11		P	75.5
5	☐			2.22		P	86.6
6	☐			7.78		P	107.8
7	☐			11.11		P	17.3
8	☐			13.33		P	66.2
9	☐			14.45		P	48.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			44.45		P	39.0
4	☐			47.23		P	71.3
5	☐			27.78		P	17.3
6	☐			19.45		P	24.7
7	☐			38.89		P	44.6
8	☐			75.00		P	33.3
9	☐			52.78		P	36.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			10.00		P	66.7
4	☐			2.22		P	173.2
5	☐			5.56		P	34.7
6	☐			3.33		P	100.1
7	☐			4.44		P	114.6
8	☐			14.44		P	81.1
9	☐			12.22		P	56.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	29.0
2	☐	0.100					
3	☐	1.000	0.977	6076.74	0.0011	P	9.2
4	☐	50.000	48.995	308072.79	0.0545	P	0.9
5	☐	125.000	122.721	783645.84	0.1365	P	2.1
6	☐	250.000	244.605	1585522.90	0.2720	P	1.5
7	☐	500.000	529.863	3282123.12	0.5891	A	7.8
8	☐	1000.000	986.752	6492592.25	1.0971	A	1.7
9	☐			2867.12	0.0005	P	5.5

$$y = 0.0011 * x + 1.1005E-005$$

$$R = 0.9993$$

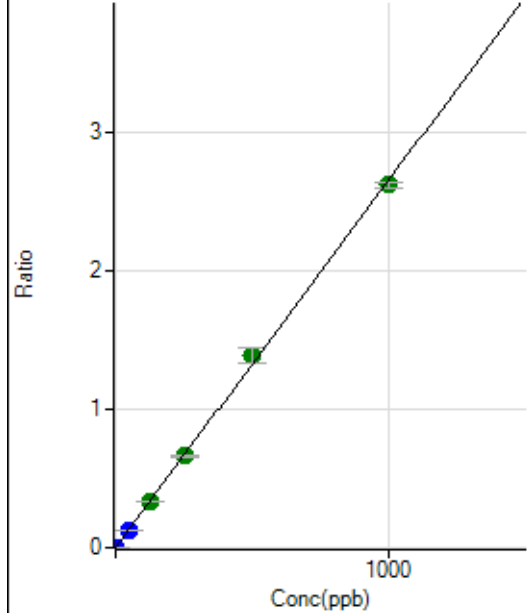
$$DL = 0.008625$$

$$BEC = 0.009899$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.977	14467.26	0.0026	P	5.3
4	☐	50.000	49.315	738675.71	0.1306	P	0.7
5	☐	125.000	125.895	1914763.52	0.3335	A	3.1
6	☐	250.000	250.937	3874718.14	0.6646	A	1.9
7	☐	500.000	523.213	7718509.89	1.3858	A	8.4
8	☐	1000.000	988.081	15487161.63	2.6170	A	1.9
9	☐			7569.31	0.0014	P	1.8

$$y = 0.0026 * x + 2.4093E-005$$

$$R = 0.9996$$

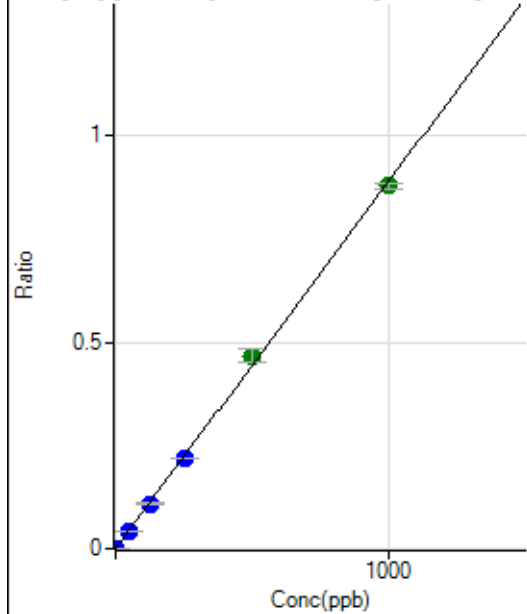
$$DL = 0.003823$$

$$BEC = 0.009097$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.04	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.978	5014.11	0.0009	P	4.6
4	☐	50.000	49.504	248854.20	0.0440	P	0.3
5	☐	125.000	122.723	626260.75	0.1091	P	2.2
6	☐	250.000	245.374	1270963.86	0.2180	P	1.1
7	☐	500.000	526.096	2604282.26	0.4674	A	7.4
8	☐	1000.000	988.418	5196587.21	0.8781	A	1.4
9	☐			8769.93	0.0016	P	3.2

$$y = 8.8831E-004 * x + 3.5265E-005$$

$$R = 0.9995$$

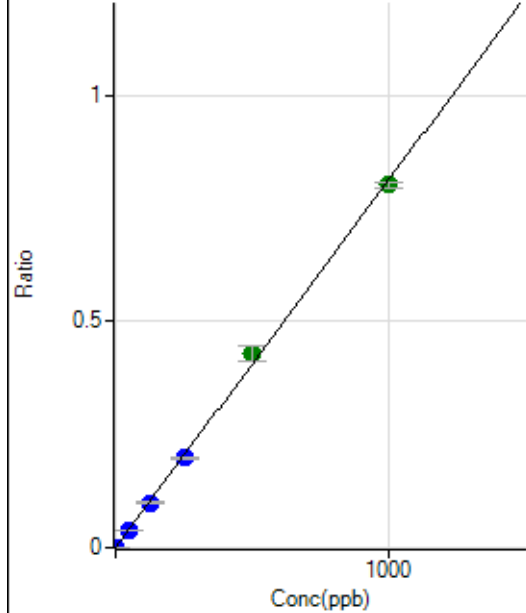
$$DL = 0.0149$$

$$BEC = 0.0397$$

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	185.19	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	0.973	4573.20	0.0008	P	6.8
4	☐	50.000	48.543	222950.88	0.0394	P	1.1
5	☐	125.000	122.176	569609.52	0.0992	P	2.1
6	☐	250.000	244.239	1155797.28	0.1982	P	0.9
7	☐	500.000	528.953	2391771.18	0.4293	A	7.8
8	☐	1000.000	987.390	4742252.54	0.8013	A	1.9
9	☐			7361.59	0.0013	P	5.5

$$y = 8.1154\text{E-}004 * x + 3.4864\text{E-}005$$

$$R = 0.9994$$

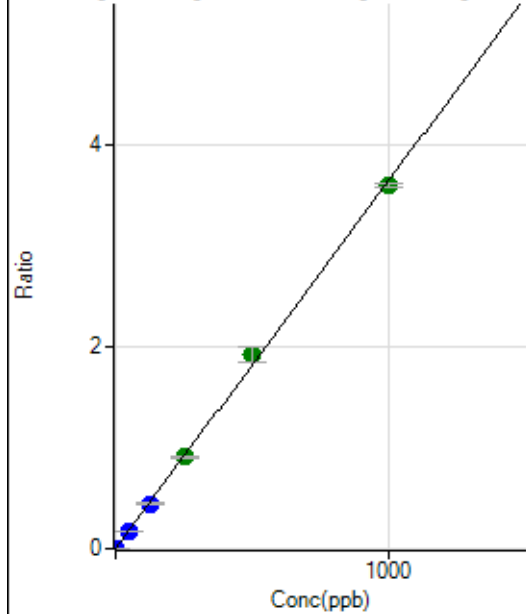
$$DL = 0.03681$$

$$BEC = 0.04296$$

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	777.81	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	0.973	20466.34	0.0037	P	1.6
4	☐	50.000	49.072	1011215.47	0.1788	P	0.9
5	☐	125.000	122.617	2565185.10	0.4466	P	1.8
6	☐	250.000	248.576	5278154.66	0.9053	A	0.8
7	☐	500.000	528.046	10714457.85	1.9230	A	7.6
8	☐	1000.000	986.677	21264947.18	3.5931	A	1.1
9	☐			34563.92	0.0063	P	4.5

$$y = 0.0036 * x + 1.4659\text{E-}004$$

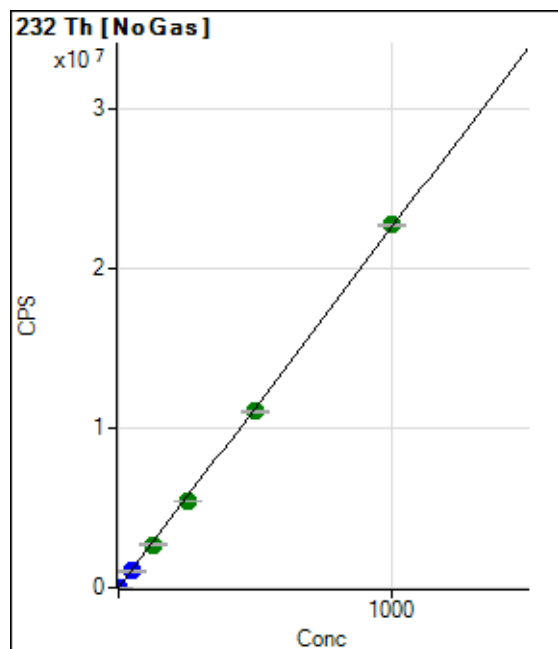
$$R = 0.9994$$

$$DL = 0.007691$$

$$BEC = 0.04025$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00		P	0.0
2	☐	0.100					
3	☐	1.000	0.837	18877.70		P	3.0
4	☐	50.000	45.479	1023612.27		P	1.9
5	☐	125.000	119.330	2685739.76		A	1.8
6	☐	250.000	240.416	5410954.63		A	0.5
7	☐	500.000	490.520	11039903.25		A	1.1
8	☐	1000.000	1008.071	22688129.21		A	0.7
9	☐			8249.34		P	14.9

$$y = 22506.4294 * x + 50.0000$$

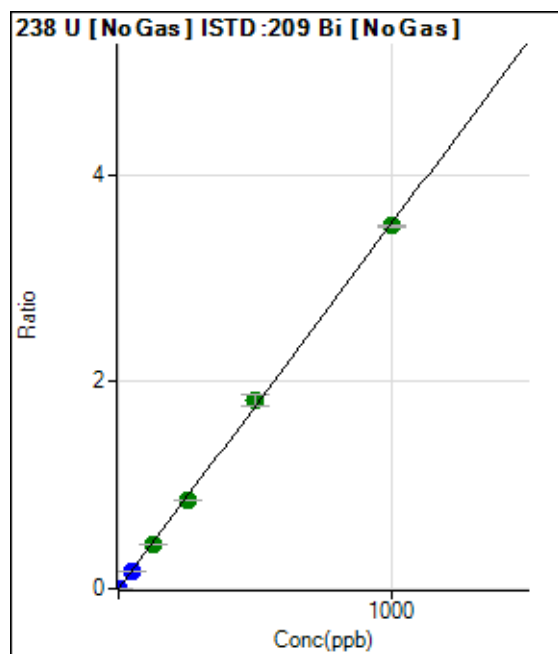
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0.002222$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	75.5
2	☐	0.100					
3	☐	1.000	0.948	18597.99	0.0034	P	3.1
4	☐	50.000	48.050	958833.59	0.1696	P	0.6
5	☐	125.000	122.079	2473908.76	0.4308	A	2.7
6	☐	250.000	243.740	5014827.37	0.8601	A	0.8
7	☐	500.000	516.705	10163030.35	1.8234	A	6.9
8	☐	1000.000	993.675	20753886.92	3.5066	A	0.9
9	☐			3525.67	0.0006	P	4.6

$$y = 0.0035 * x + 8.3552E-006$$

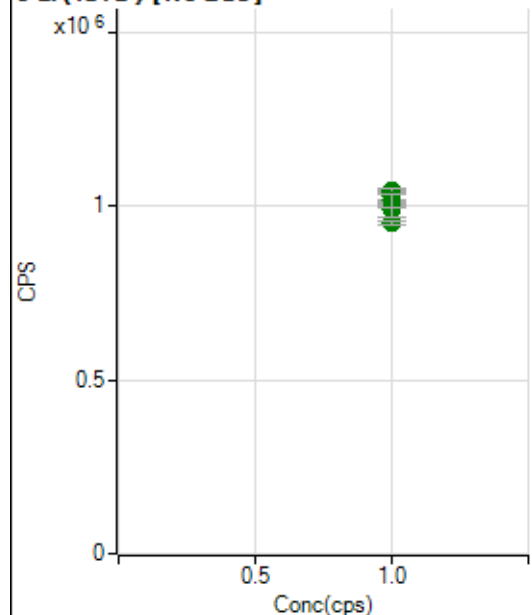
$$R = 0.9998$$

$$DL = 0.005361$$

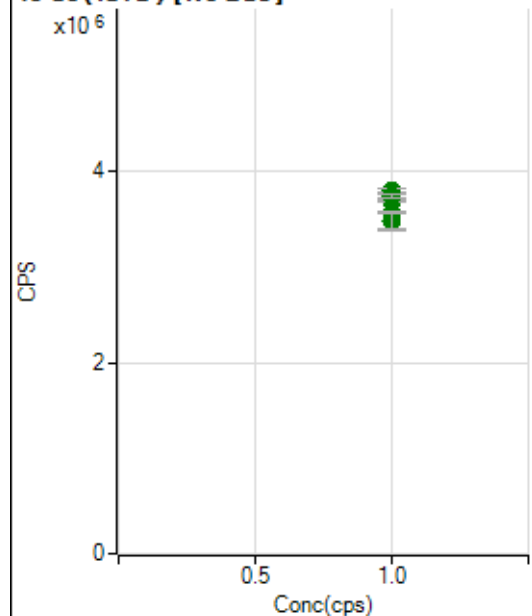
$$BEC = 0.002368$$

Weight: <None>

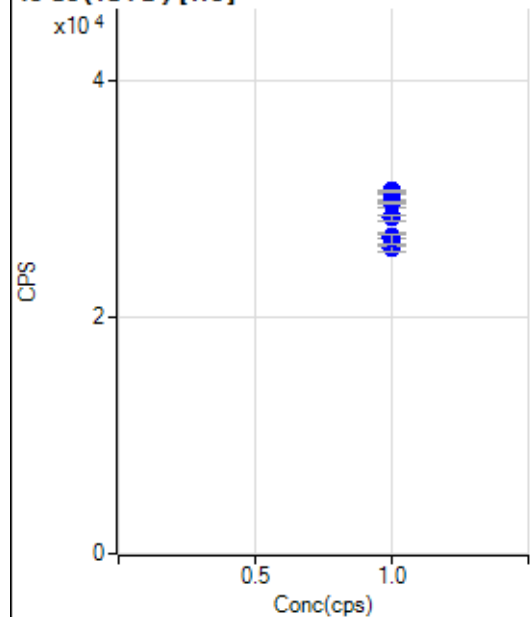
Min Conc: 0

6 Li (ISTD) [No Gas]

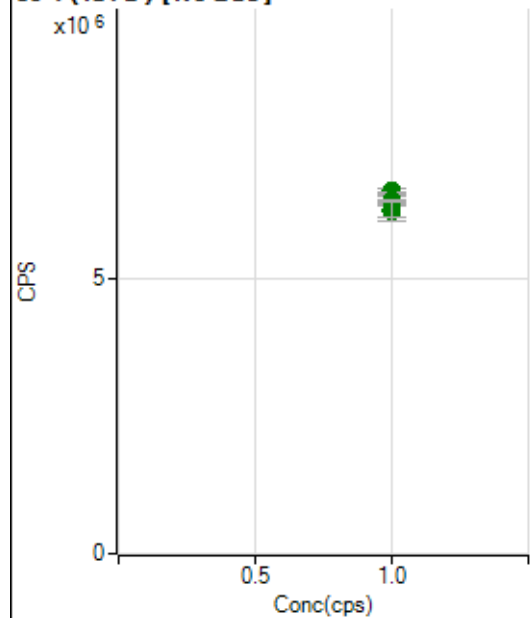
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		952201.76		A	0.7
2	☐	1.000					
3	☐	1.000		1011102.64		A	2.1
4	☐	1.000		1011801.48		A	1.1
5	☐	1.000		1031407.88		A	2.2
6	☐	1.000		1042035.58		A	1.3
7	☐	1.000		991657.56		A	4.7
8	☐	1.000		1044987.23		A	1.3
9	☐	1.000		1018541.38		A	3.8

45 Sc (ISTD) [No Gas]

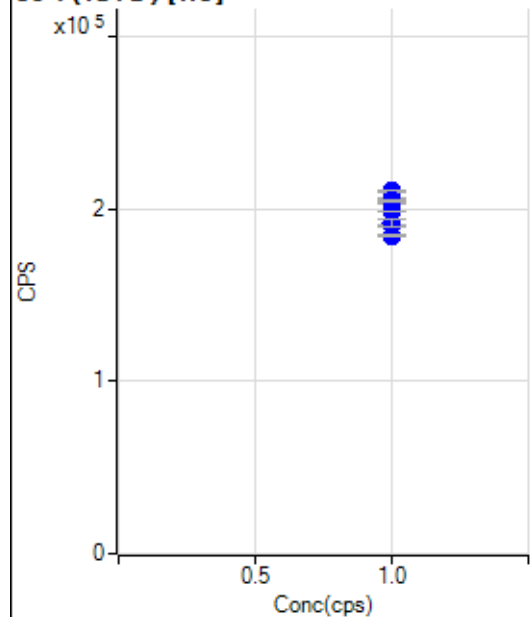
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3684411.11		A	0.7
2	☐	1.000					
3	☐	1.000		3767983.50		A	2.9
4	☐	1.000		3789537.76		A	1.5
5	☐	1.000		3792995.96		A	1.1
6	☐	1.000		3746291.71		A	1.0
7	☐	1.000		3474836.75		A	5.1
8	☐	1.000		3567488.71		A	1.0
9	☐	1.000		3481801.77		A	4.5

45 Sc (ISTD) [He]

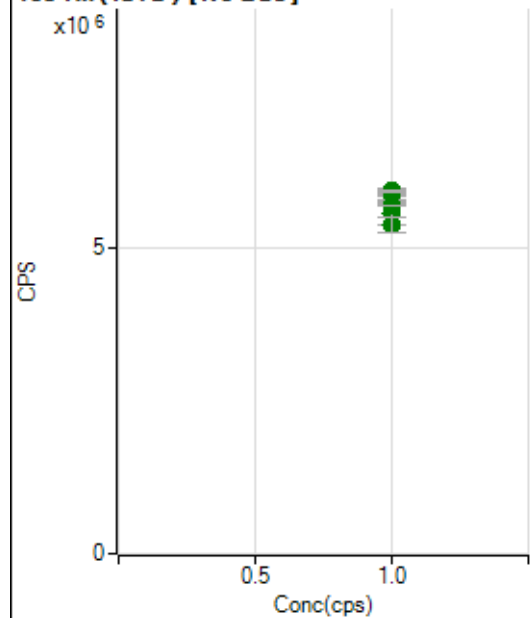
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30545.50		P	0.5
2	☐	1.000					
3	☐	1.000		30662.46		P	0.3
4	☐	1.000		29649.25		P	2.2
5	☐	1.000		29671.52		P	0.8
6	☐	1.000		28424.54		P	1.8
7	☐	1.000		26875.86		P	1.9
8	☐	1.000		25821.71		P	1.9
9	☐	1.000		26592.07		P	2.7

89 Y (ISTD) [No Gas]

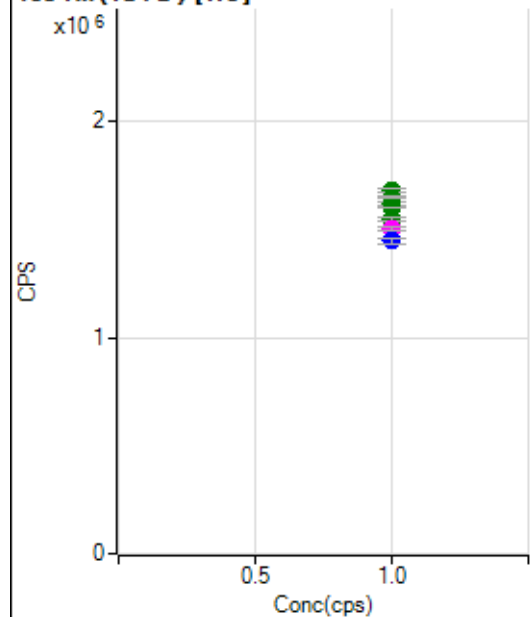
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6337415.81		A	0.5
2	☐	1.000					
3	☐	1.000		6439496.43		A	1.5
4	☐	1.000		6540064.97		A	0.7
5	☐	1.000		6590179.49		A	1.0
6	☐	1.000		6558875.60		A	0.3
7	☐	1.000		6229955.12		A	5.6
8	☐	1.000		6426542.40		A	0.3
9	☐	1.000		6260579.70		A	4.4

89 Y(ISTD) [He]

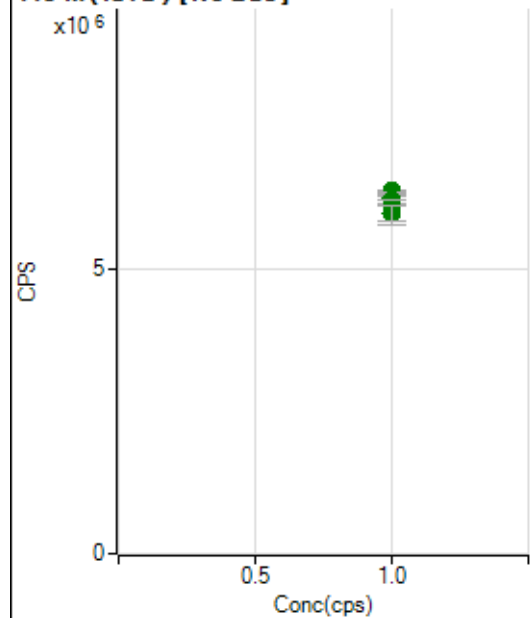
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		205969.23		P	0.4
2	☐	1.000					
3	☐	1.000		210574.06		P	0.4
4	☐	1.000		204906.54		P	1.7
5	☐	1.000		204303.79		P	0.6
6	☐	1.000		198631.10		P	0.3
7	☐	1.000		190638.55		P	0.8
8	☐	1.000		184515.32		P	0.8
9	☐	1.000		191585.05		P	2.2

103 Rh(ISTD) [No Gas]

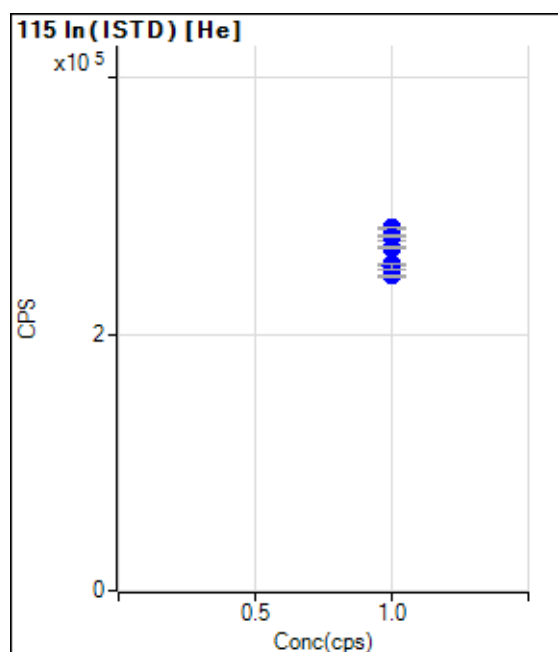
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5791326.26		A	0.4
2	☐	1.000					
3	☐	1.000		5905563.02		A	1.1
4	☐	1.000		5945861.11		A	0.4
5	☐	1.000		5935282.03		A	1.7
6	☐	1.000		5932383.33		A	0.7
7	☐	1.000		5569097.43		A	6.3
8	☐	1.000		5700060.93		A	0.4
9	☐	1.000		5385381.02		A	4.9

103 Rh (ISTD) [He]

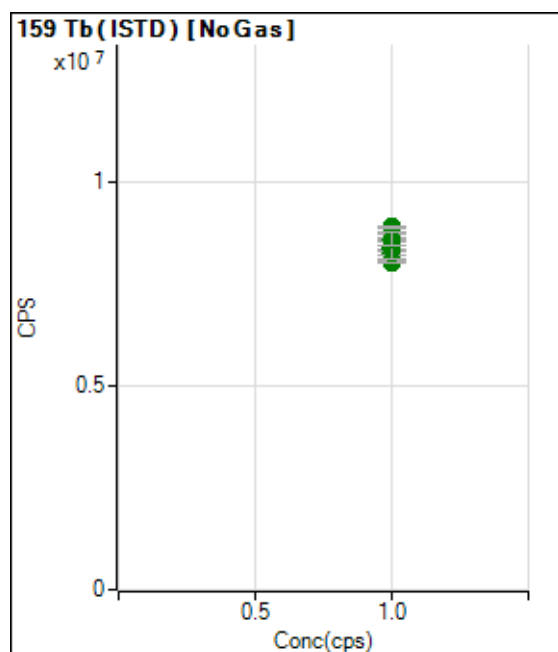
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1618763.90		A	0.9
2	☐	1.000					
3	☐	1.000		1680254.23		A	1.1
4	☐	1.000		1645078.07		A	1.8
5	☐	1.000		1652046.02		A	0.3
6	☐	1.000		1602319.54		A	0.4
7	☐	1.000		1552463.42		A	1.3
8	☐	1.000		1506770.43		M	1.5
9	☐	1.000		1448429.13		P	1.5

115 In (ISTD) [No Gas]

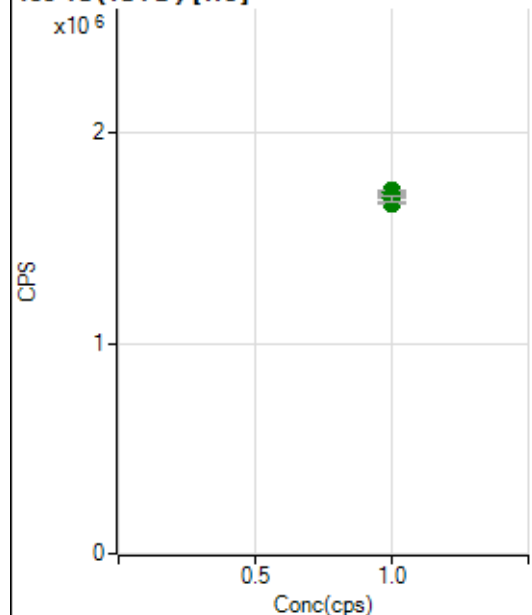
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6119951.09		A	0.1
2	☐	1.000					
3	☐	1.000		6268238.71		A	1.6
4	☐	1.000		6387141.76		A	0.9
5	☐	1.000		6331984.24		A	1.2
6	☐	1.000		6353045.24		A	0.5
7	☐	1.000		5988484.83		A	6.2
8	☐	1.000		6229812.94		A	0.1
9	☐	1.000		5990678.94		A	4.8



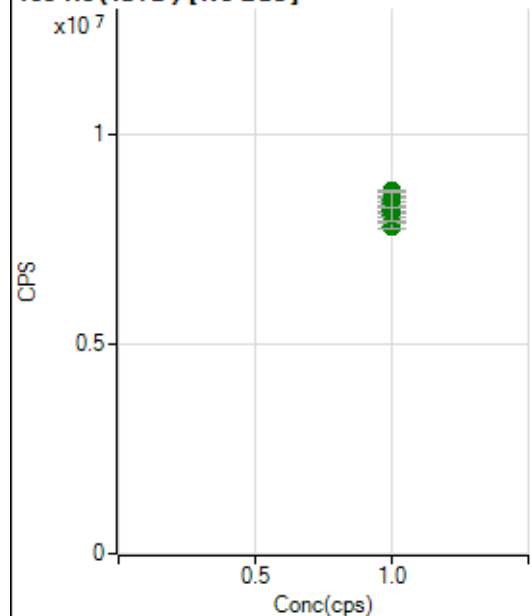
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		277011.81		P	0.3
2	☐	1.000					
3	☐	1.000		283073.83		P	0.3
4	☐	1.000		275473.54		P	1.6
5	☐	1.000		276577.39		P	0.4
6	☐	1.000		267627.36		P	0.2
7	☐	1.000		254699.17		P	0.3
8	☐	1.000		245377.19		P	1.1
9	☐	1.000		252890.97		P	1.7



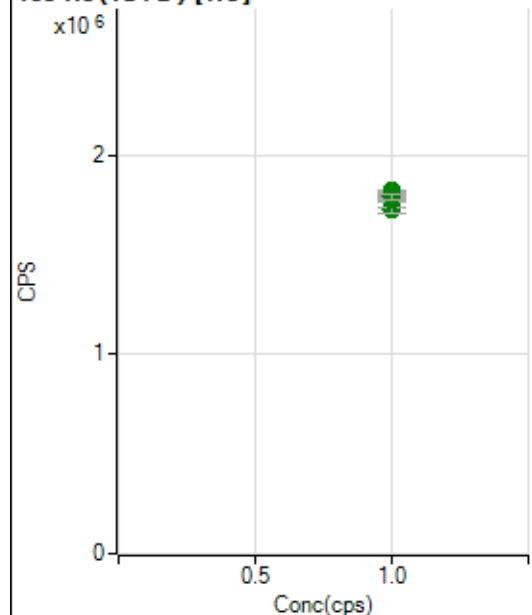
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8021217.52		A	0.2
2	☐	1.000					
3	☐	1.000		8258611.41		A	1.3
4	☐	1.000		8406291.40		A	1.1
5	☐	1.000		8560904.11		A	1.3
6	☐	1.000		8702303.48		A	0.2
7	☐	1.000		8342016.27		A	5.7
8	☐	1.000		8886383.83		A	0.7
9	☐	1.000		8585273.13		A	3.9

159 Tb (ISTD) [He]

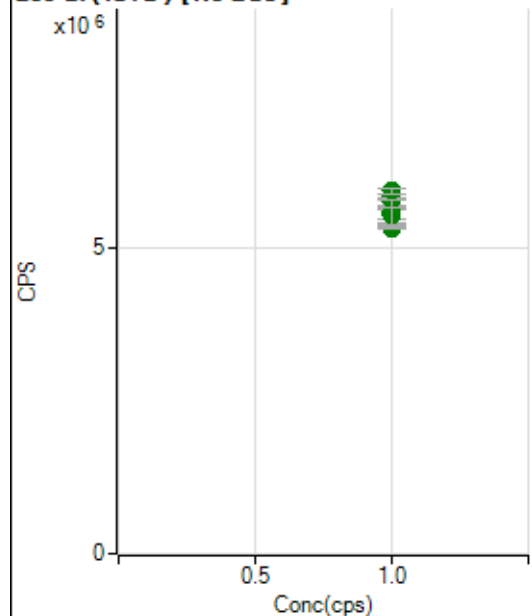
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1664565.01		A	0.4
2	☐	1.000					
3	☐	1.000		1723100.62		A	0.5
4	☐	1.000		1712676.02		A	1.2
5	☐	1.000		1723116.19		A	0.5
6	☐	1.000		1718370.84		A	1.0
7	☐	1.000		1697861.83		A	0.4
8	☐	1.000		1687590.77		A	2.2
9	☐	1.000		1685612.77		A	1.6

165 Ho (ISTD) [No Gas]

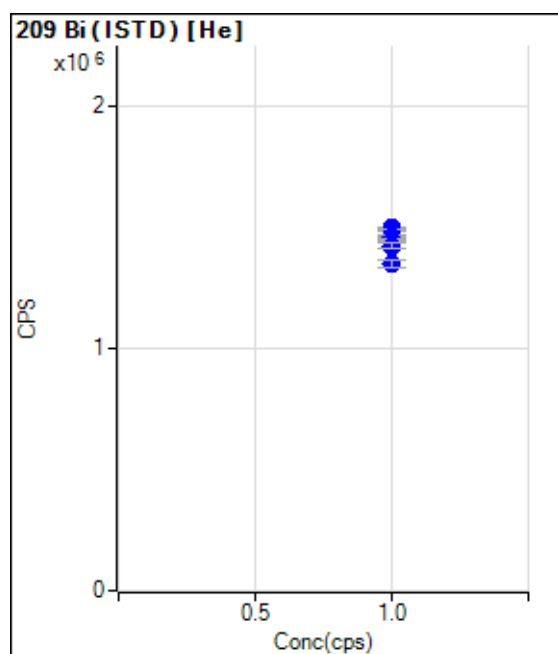
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7818466.15		A	1.4
2	☐	1.000					
3	☐	1.000		8060918.06		A	1.3
4	☐	1.000		8218618.32		A	0.9
5	☐	1.000		8346551.75		A	1.3
6	☐	1.000		8510776.06		A	0.9
7	☐	1.000		8169816.85		A	5.6
8	☐	1.000		8652878.49		A	0.5
9	☐	1.000		8444012.86		A	4.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1721940.34		A	1.6
2	☐	1.000					
3	☐	1.000		1809849.17		A	0.8
4	☐	1.000		1794644.68		A	1.1
5	☐	1.000		1819564.64		A	0.2
6	☐	1.000		1810481.38		A	0.5
7	☐	1.000		1804095.51		A	0.9
8	☐	1.000		1773341.33		A	1.1
9	☐	1.000		1789333.01		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5306225.30		A	0.5
2	☐	1.000					
3	☐	1.000		5546500.75		A	2.9
4	☐	1.000		5654554.01		A	0.6
5	☐	1.000		5744762.34		A	2.3
6	☐	1.000		5830433.73		A	1.0
7	☐	1.000		5591233.04		A	6.9
8	☐	1.000		5918930.40		A	1.4
9	☐	1.000		5510913.11		A	4.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1460786.23		P	1.0
2	☐	1.000					
3	☐	1.000		1495807.79		P	0.3
4	☐	1.000		1469258.07		P	1.4
5	☐	1.000		1489418.12		P	0.2
6	☐	1.000		1460364.39		P	1.1
7	☐	1.000		1446250.33		P	0.4
8	☐	1.000		1422222.48		P	1.9
9	☐	1.000		1346100.04		P	2.2

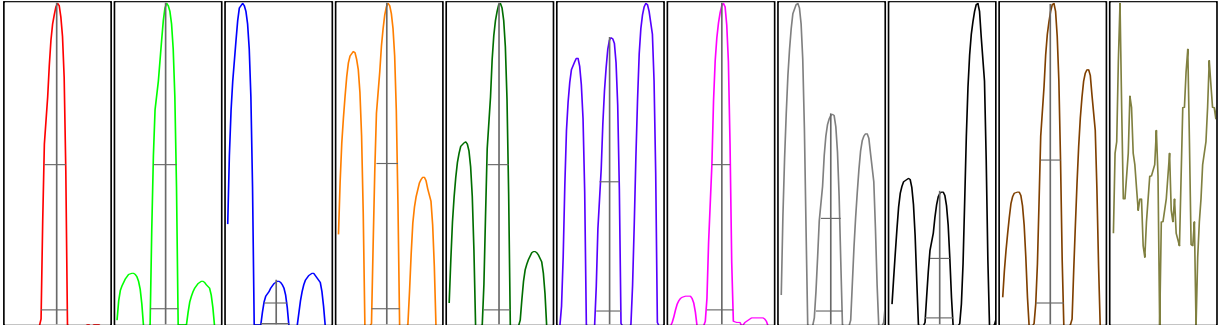
US EPA Tune Check Sample Report

Batch Folder D:\P8082818-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5790	0.63	5.00	
24	292407	0.46	5.00	
25	40374	0.57	5.00	
26	46847	0.35	5.00	
59	61658	0.51	5.00	
113	8421	1.17	5.00	
115	101199	0.91	5.00	
206	26138	1.38	5.00	
207	23903	0.90	5.00	
208	56864	1.22	5.00	
220	1	13.93		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5783	5783	5765	5854	5767
24	294744	292200	291697	292105	291288
25	40737	40463	40183	40274	40215
26	47047	46986	46679	46725	46797
59	61689	61583	61164	61871	61983
113	8399	8472	8264	8443	8525
115	100506	102171	100013	101356	101948
206	25860	26100	25778	26678	26277
207	23674	23844	23764	24213	24021
208	56656	56867	56359	58045	56392
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	10055	9.00	8.9 - 9.1		0.740	0.900	
24	486835	23.95	23.9 - 24.1		0.786	0.900	
25	67170	24.95	24.9 - 25.1		0.786	0.900	
26	79065	25.95	25.9 - 26.1		0.783	0.900	
59	108030	59.00	58.9 - 59.1		0.774	0.900	
113	15803	113.00	112.9 - 113.1		0.727	0.900	
115	188421	115.05	114.9 - 115.1		0.764	0.900	
206	47313	206.00	205.9 - 206.1		0.777	0.900	
207	42999	206.95	206.9 - 207.1		0.776	0.900	
208	103041	207.95	207.9 - 208.1		0.781	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	13.4	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8055	1.34	
89	6388	1.39	
205	12755	1.33	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8196	7908	8114	8033	8026
89	6492	6251	6433	6385	6379
205	12979	12528	12841	12750	12678

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	1.6	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.08	0.33	0.75	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.09	-0.03	0.12	0.00	N/A	ppb
Boron	10-1	0.15	-0.12	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.20	-0.23	0.42	0.00	N/A	ppb
Cadmium	108-1	0.01	0.05	-0.07	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Calcium	43-1	6.19	-0.97	-5.23	0.00	N/A	ppb
Calcium	44-1	0.91	-0.43	-0.48	0.00	N/A	ppb
Chromium	52-2	0.01	0.13	-0.14	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	-0.11	-0.01	0.13	0.00	N/A	ppb
Iron	57-2	0.76	-1.53	0.77	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-3.01	-0.20	3.21	0.00	N/A	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.08	0.13	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	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	-0.08	-0.04	0.11	0.00	N/A	ppb
Phosphorus	31-2	-11.92	-11.92	-11.92	-11.92		ppb
Potassium	39-2	-7.75	14.64	-6.88	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.24	-2.12	-2.12	0.00	N/A	ppb
Selenium	78-2	0.99	1.02	-2.01	0.00	N/A	ppb
Selenium	82-1	0.30	-0.52	0.22	0.00	N/A	ppb
Silicon	28-1	1.62	-1.98	0.35	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-3.32	2.97	0.35	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	343.61	237.20	50.71	210.51	70.43	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	cps
Tin	118-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Titanium	47-1	-0.01	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	0.00	0.02	-0.02	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.01	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.66	20.76	16.19	18.20	12.82	ppb
Antimony	121-1	2.01	2.03	1.95	2.00	2.13	ppb
Arsenic	75-2	0.85	1.20	1.10	1.05	17.38	ppb
Barium	135-1	10.19	10.43	9.85	10.16	2.87	ppb
Barium	137-1	10.23	9.82	9.65	9.90	3.03	ppb
Beryllium	9-1	1.00	1.11	1.03	1.05	5.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	24.46	23.78	24.15	24.13	1.40	ppb
Boron	10-1	22.37	26.27	26.44	25.03	9.19	ppb
Cadmium	106-1	-0.29	1.18	0.01	0.30	258.48	ppb
Cadmium	108-1	1.12	1.04	1.09	1.09	3.78	ppb
Cadmium	111-1	0.89	1.09	0.96	0.98	10.29	ppb
Calcium	43-1	472.94	460.65	408.59	447.39	7.64	ppb
Calcium	44-1	459.24	457.98	441.58	452.93	2.17	ppb
Chromium	52-2	1.98	2.09	2.07	2.04	2.85	ppb
Cobalt	59-2	1.05	0.90	0.98	0.98	7.55	ppb
Copper	63-2	1.95	1.83	2.09	1.96	6.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	50.06	49.94	49.66	49.89	0.40	ppb
Iron	57-2	44.30	37.18	50.49	43.99	15.14	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.03	0.95	0.98	4.82	ppb
Lead	207-1	1.03	0.90	0.99	0.97	7.13	ppb
Lead	208-1	0.98	0.98	0.95	0.97	1.69	ppb
Lithium	6-1				106		%
Magnesium	24-2	489.13	476.55	505.20	490.30	2.93	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	0.86	0.79	0.87	10.35	ppb
Molybdenum	94-1	4.88	4.74	4.62	4.74	2.71	ppb
Molybdenum	95-1	4.94	5.18	4.71	4.94	4.78	ppb
Molybdenum	96-1	4.96	5.02	4.68	4.89	3.76	ppb
Molybdenum	97-1	4.98	4.85	4.82	4.88	1.76	ppb
Molybdenum	98-1	5.07	4.72	4.67	4.82	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.10	1.08	1.15	8.71	ppb
Phosphorus	31-2	35.83	11.84	-11.92	11.92	200.32	ppb
Potassium	39-2	509.17	521.10	501.07	510.45	1.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	4.11	10.33	-2.12	4.11	151.64	ppb
Selenium	78-2	2.86	4.79	4.86	4.17	27.26	ppb
Selenium	82-1	5.27	4.18	6.16	5.20	19.02	ppb
Silicon	28-1	17.36	14.38	10.92	14.22	22.66	ppb
Silver	109-1	1.11	1.01	1.00	1.04	5.59	ppb
Silver	107-1	1.05	0.99	1.08	1.04	4.46	ppb
Sodium	23-2	490.85	486.54	492.38	489.92	0.62	ppb
Strontium	86-1	1.04	0.90	0.91	0.95	7.77	ppb
Strontium	88-1	1.00	1.01	0.99	1.00	0.98	ppb
Sulfur	34-1	66.46	53.00	-750.99	-210.51		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.04	1.02	0.87	0.98	9.28	ppb
Thallium	205-1	0.99	1.02	0.92	0.98	5.35	ppb
Thorium	232-1	0.82	0.86	0.83	0.84	2.98	cps
Tin	118-1	5.09	5.17	4.94	5.06	2.30	ppb
Titanium	47-1	5.23	5.13	5.09	5.15	1.39	ppb
Uranium	238-1	0.97	0.96	0.92	0.95	3.07	ppb
Vanadium	51-2	4.93	4.87	4.64	4.82	3.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.51	2.69	2.80	2.67	5.49	ppb
Zirconium	90-1	0.84	0.88	0.90	0.87	3.81	ppb
Zirconium	91-1	0.76	0.86	0.81	0.81	6.07	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	946.85	1002.86	1037.67	995.79	4.60	ppb
Antimony	121-1	50.84	52.42	51.98	51.74	1.57	ppb
Arsenic	75-2	50.79	51.61	53.21	51.87	2.37	ppb
Barium	135-1	256.58	262.20	258.74	259.17	1.09	ppb
Barium	137-1	256.08	262.57	258.04	258.90	1.29	ppb
Beryllium	9-1	55.03	54.42	54.24	54.56	0.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	52.28	52.93	54.26	53.16	1.90	ppb
Boron	10-1	53.05	51.84	52.99	52.62	1.30	ppb
Cadmium	106-1	53.39	54.17	50.32	52.62	3.86	ppb
Cadmium	108-1	53.29	54.55	53.48	53.77	1.27	ppb
Cadmium	111-1	52.87	53.04	53.07	53.00	0.21	ppb
Calcium	43-1	4935.04	4968.75	4789.81	4897.86	1.94	ppb
Calcium	44-1	4839.20	4983.31	4950.38	4924.30	1.53	ppb
Chromium	52-2	50.10	52.26	52.81	51.72	2.77	ppb
Cobalt	59-2	50.16	51.76	52.28	51.40	2.15	ppb
Copper	63-2	98.48	102.22	103.22	101.31	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	2482.48	2564.16	2620.16	2555.60	2.71	ppb
Iron	57-2	2447.84	2594.20	2592.71	2544.92	3.30	ppb
Krypton	83-1						cps
Lead	206-1	49.57	49.61	49.33	49.50	0.30	ppb
Lead	207-1	47.96	48.89	48.79	48.54	1.05	ppb
Lead	208-1	48.61	49.50	49.10	49.07	0.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	4973.09	5028.81	5141.15	5047.69	1.70	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.73	102.13	103.89	102.58	1.12	ppb
Molybdenum	94-1	245.29	251.79	249.52	248.87	1.33	ppb
Molybdenum	95-1	247.63	251.15	250.01	249.60	0.72	ppb
Molybdenum	96-1	244.78	248.28	248.97	247.34	0.91	ppb
Molybdenum	97-1	242.68	245.29	248.06	245.34	1.10	ppb
Molybdenum	98-1	246.11	250.88	248.95	248.65	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.12	52.87	52.17	52.05	1.69	ppb
Phosphorus	31-2	1237.87	1346.44	1118.28	1234.20	9.25	ppb
Potassium	39-2	2469.80	2573.97	2571.36	2538.38	2.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	73.47	62.89	49.56	61.97	19.34	ppb
Selenium	78-2	35.47	54.01	63.75	51.08	28.13	ppb
Selenium	82-1	51.30	52.48	50.21	51.33	2.22	ppb
Silicon	28-1	58.39	62.55	57.43	59.46	4.57	ppb
Silver	109-1	53.96	55.05	54.42	54.48	1.01	ppb
Silver	107-1	53.27	55.32	53.51	54.03	2.08	ppb
Sodium	23-2	4959.48	5019.88	5098.77	5026.04	1.39	ppb
Strontium	86-1	49.24	51.98	50.91	50.71	2.73	ppb
Strontium	88-1	50.49	50.77	51.05	50.77	0.55	ppb
Sulfur	34-1	925.65	1274.07	986.83	1062.18	17.51	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	48.86	49.50	48.62	48.99	0.93	ppb
Thallium	205-1	48.95	49.59	49.40	49.31	0.67	ppb
Thorium	232-1	44.66	45.44	46.34	45.48	1.85	cps
Tin	118-1	51.85	52.50	52.28	52.21	0.63	ppb
Titanium	47-1	248.27	256.82	250.66	251.91	1.75	ppb
Uranium	238-1	47.71	48.24	48.20	48.05	0.62	ppb
Vanadium	51-2	49.91	52.28	51.84	51.34	2.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.55	101.16	104.34	102.02	1.99	ppb
Zirconium	90-1	48.66	50.08	50.05	49.60	1.64	ppb
Zirconium	91-1	48.34	49.26	49.79	49.13	1.50	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2400.57	2407.43	2390.86	2399.62	0.35	ppb
Antimony	121-1	129.84	129.02	128.28	129.05	0.60	ppb
Arsenic	75-2	131.73	131.68	125.76	129.72	2.64	ppb
Barium	135-1	659.61	646.32	642.20	649.38	1.40	ppb
Barium	137-1	665.46	653.01	643.28	653.91	1.70	ppb
Beryllium	9-1	137.33	132.63	129.96	133.31	2.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	11-1	129.32	127.09	130.17	128.86	1.23	ppb
Boron	10-1	129.79	128.04	134.22	130.68	2.44	ppb
Cadmium	106-1	128.81	131.46	132.04	130.77	1.32	ppb
Cadmium	108-1	133.08	135.54	128.15	132.26	2.85	ppb
Cadmium	111-1	133.55	130.03	130.02	131.20	1.55	ppb
Calcium	43-1	12243.83	12074.78	11849.12	12055.91	1.64	ppb
Calcium	44-1	12241.64	11902.31	12026.37	12056.77	1.42	ppb
Chromium	52-2	126.56	128.41	127.17	127.38	0.74	ppb
Cobalt	59-2	125.31	126.22	126.32	125.95	0.44	ppb
Copper	63-2	248.76	251.22	248.44	249.47	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6379.58	6347.79	6359.98	6362.45	0.25	ppb
Iron	57-2	6148.54	6320.22	6210.53	6226.43	1.40	ppb
Krypton	83-1						cps
Lead	206-1	125.42	122.71	120.04	122.72	2.19	ppb
Lead	207-1	124.82	122.10	119.61	122.18	2.13	ppb
Lead	208-1	124.75	122.65	120.45	122.62	1.75	ppb
Lithium	6-1				108		%
Magnesium	24-2	12429.02	12447.34	12638.08	12504.81	0.93	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.78	249.63	253.54	251.65	0.78	ppb
Molybdenum	94-1	639.41	634.88	628.37	634.22	0.88	ppb
Molybdenum	95-1	644.73	625.29	626.37	632.13	1.73	ppb
Molybdenum	96-1	632.52	637.52	625.16	631.73	0.98	ppb
Molybdenum	97-1	617.55	613.08	605.57	612.07	0.99	ppb
Molybdenum	98-1	625.15	629.37	620.50	625.01	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.11	127.90	126.85	127.62	0.53	ppb
Phosphorus	31-2	2695.28	2465.69	2670.17	2610.38	4.82	ppb
Potassium	39-2	6197.21	6169.98	6151.44	6172.87	0.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	204.63	120.57	81.02	135.41	46.62	ppb
Selenium	78-2	132.57	120.35	114.18	122.37	7.65	ppb
Selenium	82-1	131.98	127.74	127.60	129.10	1.93	ppb
Silicon	28-1	153.97	152.99	152.99	153.32	0.37	ppb
Silver	109-1	134.37	134.21	133.21	133.93	0.47	ppb
Silver	107-1	134.27	133.22	131.56	133.02	1.03	ppb
Sodium	23-2	12269.41	12338.51	12286.85	12298.26	0.29	ppb
Strontium	86-1	125.88	125.19	123.78	124.95	0.86	ppb
Strontium	88-1	128.44	125.60	125.76	126.60	1.26	ppb
Sulfur	34-1	2615.35	2401.67	2130.24	2382.42	10.21	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	125.24	122.75	120.18	122.72	2.06	ppb
Thallium	205-1	129.99	125.53	122.17	125.90	3.11	ppb
Thorium	232-1	117.38	121.70	118.91	119.33	1.84	cps
Tin	118-1	130.34	129.12	126.64	128.70	1.46	ppb
Titanium	47-1	641.13	629.98	613.48	628.20	2.21	ppb
Uranium	238-1	125.38	121.99	118.87	122.08	2.67	ppb
Vanadium	51-2	124.18	126.56	124.40	125.05	1.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	248.18	249.82	246.53	248.18	0.66	ppb
Zirconium	90-1	125.89	124.97	123.63	124.83	0.91	ppb
Zirconium	91-1	123.46	122.92	121.75	122.71	0.71	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4933.79	4648.43	4882.95	4821.72	3.16	ppb
Antimony	121-1	255.20	258.88	254.31	256.13	0.95	ppb
Arsenic	75-2	257.50	251.24	250.08	252.94	1.58	ppb
Barium	135-1	1288.71	1272.16	1282.33	1281.07	0.65	ppb
Barium	137-1	1277.90	1272.89	1273.84	1274.88	0.21	ppb
Beryllium	9-1	262.71	259.87	253.80	258.79	1.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	11-1	248.83	251.96	255.89	252.23	1.40	ppb
Boron	10-1	252.64	262.25	251.33	255.40	2.33	ppb
Cadmium	106-1	258.59	258.04	255.48	257.37	0.65	ppb
Cadmium	108-1	257.13	257.22	254.74	256.36	0.55	ppb
Cadmium	111-1	257.19	255.65	255.28	256.04	0.40	ppb
Calcium	43-1	24091.28	24087.24	23971.69	24050.07	0.28	ppb
Calcium	44-1	24304.54	23720.04	23773.93	23932.84	1.35	ppb
Chromium	52-2	253.38	247.93	255.50	252.27	1.55	ppb
Cobalt	59-2	252.71	246.33	253.41	250.82	1.56	ppb
Copper	63-2	505.58	488.61	503.44	499.21	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	12618.17	12291.86	12637.25	12515.76	1.55	ppb
Iron	57-2	12364.19	11986.61	12417.84	12256.21	1.92	ppb
Krypton	83-1						cps
Lead	206-1	248.48	244.49	243.15	245.37	1.13	ppb
Lead	207-1	246.62	243.31	242.79	244.24	0.85	ppb
Lead	208-1	250.67	248.23	246.83	248.58	0.78	ppb
Lithium	6-1				109		%
Magnesium	24-2	24992.03	24312.49	24991.22	24765.25	1.58	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.80	491.98	513.81	504.53	2.24	ppb
Molybdenum	94-1	1255.59	1254.85	1237.78	1249.41	0.81	ppb
Molybdenum	95-1	1260.87	1251.25	1232.67	1248.26	1.15	ppb
Molybdenum	96-1	1259.98	1232.71	1232.82	1241.84	1.27	ppb
Molybdenum	97-1	1265.88	1256.64	1256.55	1259.69	0.43	ppb
Molybdenum	98-1	1237.84	1236.02	1224.73	1232.86	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.76	248.89	252.49	252.38	1.36	ppb
Phosphorus	31-2	5725.48	5846.21	4472.31	5348.00	14.23	ppb
Potassium	39-2	12339.53	11808.41	12423.66	12190.53	2.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	183.67	321.35	263.06	256.03	26.99	ppb
Selenium	78-2	223.49	283.33	239.92	248.91	12.42	ppb
Selenium	82-1	250.32	250.03	248.87	249.74	0.31	ppb
Silicon	28-1	281.49	271.78	269.08	274.12	2.38	ppb
Silver	109-1	264.19	263.49	261.96	263.21	0.43	ppb
Silver	107-1	263.72	260.83	261.61	262.05	0.57	ppb
Sodium	23-2	25754.60	24719.74	25669.20	25381.18	2.26	ppb
Strontium	86-1	250.98	248.92	245.96	248.62	1.02	ppb
Strontium	88-1	253.78	251.28	249.84	251.63	0.79	ppb
Sulfur	34-1	4829.93	4450.58	4445.81	4575.44	4.82	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	248.11	245.01	240.70	244.60	1.52	ppb
Thallium	205-1	256.17	250.08	246.56	250.94	1.94	ppb
Thorium	232-1	240.81	239.18	241.25	240.42	0.45	cps
Tin	118-1	252.56	252.90	252.38	252.61	0.11	ppb
Titanium	47-1	1254.91	1231.82	1240.61	1242.45	0.94	ppb
Uranium	238-1	245.94	242.80	242.48	243.74	0.79	ppb
Vanadium	51-2	252.66	245.63	254.72	251.00	1.90	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	514.14	494.14	507.84	505.37	2.02	ppb
Zirconium	90-1	256.26	252.77	247.26	252.10	1.80	ppb
Zirconium	91-1	248.19	245.64	243.27	245.70	1.00	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9524.70	9565.72	9754.51	9614.97	1.27	ppb
Antimony	121-1	506.03	572.81	526.28	535.04	6.40	ppb
Arsenic	75-2	513.35	502.59	501.95	505.97	1.27	ppb
Barium	135-1	2528.54	2835.02	2607.77	2657.11	5.99	ppb
Barium	137-1	2526.08	2795.07	2580.98	2634.04	5.40	ppb
Beryllium	9-1	516.66	564.07	520.16	533.63	4.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	496.37	560.26	527.92	528.18	6.05	ppb
Boron	10-1	501.12	579.44	534.28	538.28	7.30	ppb
Cadmium	106-1	506.18	566.22	522.19	531.53	5.85	ppb
Cadmium	108-1	505.48	574.44	521.24	533.72	6.77	ppb
Cadmium	111-1	506.50	569.73	523.85	533.36	6.13	ppb
Calcium	43-1	48197.09	53844.90	50379.84	50807.27	5.61	ppb
Calcium	44-1	48157.68	53761.03	49851.04	50589.92	5.68	ppb
Chromium	52-2	500.58	503.82	514.73	506.37	1.46	ppb
Cobalt	59-2	496.98	502.79	511.69	503.82	1.47	ppb
Copper	63-2	981.75	999.96	1007.37	996.36	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	24735.33	25005.93	25423.74	25055.00	1.38	ppb
Iron	57-2	24321.60	24690.30	25114.60	24708.83	1.61	ppb
Krypton	83-1						cps
Lead	206-1	493.79	569.50	515.00	526.10	7.42	ppb
Lead	207-1	494.49	574.53	517.84	528.95	7.78	ppb
Lead	208-1	493.84	572.25	518.05	528.05	7.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	49257.23	49637.13	50085.55	49659.97	0.83	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.21	1006.03	1020.07	1009.44	0.93	ppb
Molybdenum	94-1	2461.00	2802.59	2571.66	2611.75	6.67	ppb
Molybdenum	95-1	2478.30	2796.29	2564.97	2613.19	6.29	ppb
Molybdenum	96-1	2443.51	2778.99	2566.45	2596.32	6.54	ppb
Molybdenum	97-1	2449.78	2812.02	2592.27	2618.02	6.97	ppb
Molybdenum	98-1	2463.05	2754.47	2573.52	2597.01	5.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.40	505.97	508.27	502.88	1.48	ppb
Phosphorus	31-2	10059.18	10441.95	10973.99	10491.70	4.38	ppb
Potassium	39-2	23654.08	24032.72	24452.80	24046.53	1.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	579.12	461.19	477.18	505.83	12.65	ppb
Selenium	78-2	461.73	528.68	508.24	499.55	6.87	ppb
Selenium	82-1	497.55	557.45	515.32	523.44	5.88	ppb
Silicon	28-1	531.43	607.14	560.27	566.28	6.75	ppb
Silver	109-1	514.64	576.45	534.73	541.94	5.82	ppb
Silver	107-1	518.58	569.60	534.31	540.83	4.83	ppb
Sodium	23-2	49428.46	49902.59	50080.33	49803.79	0.68	ppb
Strontium	86-1	491.53	554.90	511.52	519.31	6.24	ppb
Strontium	88-1	493.72	555.53	512.90	520.72	6.08	ppb
Sulfur	34-1	9890.00	12337.68	10700.34	10976.01	11.36	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	493.52	575.02	521.05	529.86	7.82	ppb
Thallium	205-1	483.34	570.60	515.70	523.21	8.43	ppb
Thorium	232-1	487.16	487.91	496.48	490.52	1.06	cps
Tin	118-1	506.35	571.54	526.53	534.80	6.24	ppb
Titanium	47-1	2522.26	2822.69	2650.71	2665.22	5.66	ppb
Uranium	238-1	484.67	555.22	510.23	516.71	6.91	ppb
Vanadium	51-2	493.33	500.79	503.72	499.28	1.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1004.62	1013.52	1037.00	1018.38	1.64	ppb
Zirconium	90-1	494.44	558.82	513.33	522.20	6.34	ppb
Zirconium	91-1	490.16	556.16	511.90	519.41	6.48	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18590.10	18960.46	19238.69	18929.75	1.72	ppb
Antimony	121-1	975.36	989.44	976.26	980.35	0.80	ppb
Arsenic	75-2	996.96	996.09	993.74	995.60	0.17	ppb
Barium	135-1	4860.99	4950.57	4918.96	4910.17	0.93	ppb
Barium	137-1	4871.27	4966.94	4929.88	4922.70	0.98	ppb
Beryllium	9-1	972.52	991.63	975.01	979.72	1.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	11-1	952.80	1003.45	997.94	984.73	2.82	ppb
Boron	10-1	945.27	989.82	1000.91	978.67	3.01	ppb
Cadmium	106-1	974.72	988.66	981.24	981.54	0.71	ppb
Cadmium	108-1	973.12	994.67	973.57	980.45	1.26	ppb
Cadmium	111-1	975.57	984.77	982.32	980.89	0.49	ppb
Calcium	43-1	97537.94	96203.10	96851.63	96864.22	0.69	ppb
Calcium	44-1	94985.10	93372.31	95366.24	94574.55	1.12	ppb
Chromium	52-2	974.53	995.17	1017.89	995.86	2.18	ppb
Cobalt	59-2	976.56	998.93	1017.60	997.70	2.06	ppb
Copper	63-2	1966.30	1998.66	2041.10	2002.02	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	48805.44	49181.36	50598.28	49528.36	1.91	ppb
Iron	57-2	48000.80	48884.94	50220.50	49035.41	2.28	ppb
Krypton	83-1						cps
Lead	206-1	973.56	992.12	999.58	988.42	1.36	ppb
Lead	207-1	971.17	983.26	1007.74	987.39	1.89	ppb
Lead	208-1	975.72	986.17	998.14	986.68	1.14	ppb
Lithium	6-1				110		%
Magnesium	24-2	97094.88	99921.93	102049.55	99688.79	2.49	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1955.02	1992.96	2033.46	1993.81	1.97	ppb
Molybdenum	94-1	4908.68	5007.82	4913.03	4943.18	1.13	ppb
Molybdenum	95-1	4925.08	4970.81	4933.02	4942.97	0.49	ppb
Molybdenum	96-1	4937.78	4968.84	4952.89	4953.17	0.31	ppb
Molybdenum	97-1	4909.54	4982.10	4929.61	4940.42	0.76	ppb
Molybdenum	98-1	4963.30	4944.50	4959.73	4955.84	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	973.44	999.41	1019.76	997.53	2.33	ppb
Phosphorus	31-2	20085.29	17822.10	21017.53	19641.64	8.37	ppb
Potassium	39-2	46263.87	47096.70	48339.93	47233.50	2.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	944.85	995.09	1041.12	993.68	4.85	ppb
Selenium	78-2	945.40	1015.96	1040.97	1000.78	4.95	ppb
Selenium	82-1	982.85	991.03	989.42	987.76	0.44	ppb
Silicon	28-1	960.97	943.28	966.08	956.78	1.25	ppb
Silver	109-1	966.57	981.66	974.93	974.39	0.78	ppb
Silver	107-1	964.61	988.18	973.31	975.37	1.22	ppb
Sodium	23-2	95547.30	98893.55	99860.62	98100.49	2.31	ppb
Strontium	86-1	997.08	989.10	985.80	990.66	0.59	ppb
Strontium	88-1	989.33	994.46	983.19	989.00	0.57	ppb
Sulfur	34-1	19598.14	19504.66	19786.38	19629.72	0.73	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	972.66	982.51	1005.09	986.75	1.68	ppb
Thallium	205-1	971.67	983.48	1009.10	988.08	1.94	ppb
Thorium	232-1	1007.50	1015.55	1001.16	1008.07	0.72	cps
Tin	118-1	977.69	987.32	979.11	981.37	0.53	ppb
Titanium	47-1	4918.99	4883.11	4954.24	4918.78	0.72	ppb
Uranium	238-1	991.65	986.41	1002.97	993.68	0.85	ppb
Vanadium	51-2	978.64	999.66	1021.81	1000.04	2.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1952.21	1989.38	2027.18	1989.59	1.88	ppb
Zirconium	90-1	987.37	990.68	987.21	988.42	0.20	ppb
Zirconium	91-1	987.20	999.52	988.39	991.70	0.69	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102756.28	98939.30	99096.47	100264.02	2.15	ppb
Antimony	121-1	2.85	2.70	2.76	2.77	2.67	ppb
Arsenic	75-2	1.42	1.36	1.63	1.47	9.51	ppb
Barium	135-1	0.75	0.76	0.67	0.73	6.36	ppb
Barium	137-1	0.71	0.68	0.67	0.69	3.18	ppb
Beryllium	9-1	0.64	0.60	0.71	0.65	8.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	11-1	58.48	53.80	53.56	55.28	5.02	ppb
Boron	10-1	57.66	52.55	51.21	53.81	6.34	ppb
Cadmium	106-1	-0.90	-1.01	-0.51	-0.81		ppb
Cadmium	108-1	0.15	0.00	0.25	0.13	94.94	ppb
Cadmium	111-1	0.14	0.07	0.15	0.12	38.73	ppb
Calcium	43-1	489374.83	482064.95	530378.52	500606.10	5.20	ppb
Calcium	44-1	488124.09	483679.11	531470.82	501091.34	5.27	ppb
Chromium	52-2	34.20	32.18	31.99	32.79	3.74	ppb
Cobalt	59-2	12.64	12.27	12.22	12.38	1.86	ppb
Copper	63-2	4.49	4.36	4.26	4.37	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	256585.76	246280.03	247388.23	250084.67	2.26	ppb
Iron	57-2	258185.21	246519.15	245998.73	250234.37	2.75	ppb
Krypton	83-1						cps
Lead	206-1	1.74	1.71	1.82	1.75	3.32	ppb
Lead	207-1	1.54	1.57	1.71	1.61	5.65	ppb
Lead	208-1	1.66	1.62	1.77	1.68	4.64	ppb
Lithium	6-1				107		%
Magnesium	24-2	511624.60	494950.08	493747.50	500107.40	2.00	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CAL5_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.99	7.68	8.28	7.98	3.74	ppb
Molybdenum	94-1	4.95	4.70	5.03	4.90	3.53	ppb
Molybdenum	95-1	6.78	6.32	6.54	6.55	3.46	ppb
Molybdenum	96-1	6.42	6.64	7.03	6.70	4.64	ppb
Molybdenum	97-1	6.61	6.13	6.85	6.53	5.62	ppb
Molybdenum	98-1	6.53	6.17	6.69	6.47	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.44	27.07	26.62	27.71	5.46	ppb
Phosphorus	31-2	16.40	-11.92	42.05	15.51	174.05	ppb
Potassium	39-2	256194.02	247468.71	248334.20	250665.64	1.92	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	-2.12	4.65	-2.12	0.14	2862.39	ppb
Selenium	78-2	-3.00	-3.00	1.24	-1.59		ppb
Selenium	82-1	0.98	0.46	0.65	0.70	37.47	ppb
Silicon	28-1	52.47	52.95	69.53	58.32	16.66	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.67	ppb
Silver	107-1	0.09	0.10	0.07	0.09	14.44	ppb
Sodium	23-2	512230.00	492631.70	496294.07	500385.26	2.08	ppb
Strontium	86-1	4.60	4.43	4.90	4.64	5.17	ppb
Strontium	88-1	4.82	4.70	5.31	4.94	6.53	ppb
Sulfur	34-1	-1444.45	-1401.80	-76.59	-974.28		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.44	0.45	0.46	5.62	ppb
Thallium	205-1	0.52	0.50	0.51	0.51	1.83	ppb
Thorium	232-1	0.42	0.37	0.31	0.36	14.96	cps
Tin	118-1	0.90	0.86	0.88	0.88	2.25	ppb
Titanium	47-1	0.87	1.00	1.16	1.01	14.41	ppb
Uranium	238-1	0.19	0.18	0.17	0.18	4.71	ppb
Vanadium	51-2	0.40	0.36	0.48	0.41	15.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CALS_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.95	10.06	10.64	10.88	8.93	ppb
Zirconium	90-1	0.23	0.18	0.21	0.20	13.09	ppb
Zirconium	91-1	0.21	0.25	0.22	0.23	8.70	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.76	444.25	472.21	477.74	7.65	ppb
Antimony	121-1	195.00	196.22	190.84	194.02	1.45	ppb
Arsenic	75-2	206.32	193.01	191.57	196.97	4.13	ppb
Barium	135-1	99.03	99.90	97.67	98.87	1.14	ppb
Barium	137-1	99.49	100.46	96.97	98.98	1.82	ppb
Beryllium	9-1	96.89	99.44	98.30	98.21	1.30	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	11-1	481.58	508.88	520.03	503.50	3.93	ppb
Boron	10-1	487.47	523.08	528.11	512.89	4.32	ppb
Cadmium	106-1	156.90	163.42	159.47	159.93	2.05	ppb
Cadmium	108-1	132.71	135.22	126.51	131.48	3.41	ppb
Cadmium	111-1	103.55	103.15	101.78	102.83	0.90	ppb
Calcium	43-1	2027.41	2018.69	1993.55	2013.21	0.87	ppb
Calcium	44-1	1924.97	1938.95	1901.68	1921.87	0.98	ppb
Chromium	52-2	98.96	95.35	93.30	95.87	2.99	ppb
Cobalt	59-2	102.35	97.93	95.98	98.76	3.30	ppb
Copper	63-2	101.66	97.36	95.11	98.04	3.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	1033.91	976.18	958.20	989.43	4.00	ppb
Iron	57-2	1001.81	947.87	945.69	965.12	3.29	ppb
Krypton	83-1						cps
Lead	206-1	192.63	195.95	188.97	192.52	1.81	ppb
Lead	207-1	184.35	189.67	182.17	185.40	2.08	ppb
Lead	208-1	192.71	195.56	188.32	192.20	1.90	ppb
Lithium	6-1				110		%
Magnesium	24-2	1230.58	1162.04	1154.96	1182.53	3.53	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.49	93.85	92.83	95.39	3.76	ppb
Molybdenum	94-1	1119.42	1092.29	1083.42	1098.38	1.71	ppb
Molybdenum	95-1	535.36	538.65	522.27	532.09	1.63	ppb
Molybdenum	96-1	608.48	603.45	588.73	600.22	1.71	ppb
Molybdenum	97-1	516.31	508.89	506.42	510.54	1.01	ppb
Molybdenum	98-1	532.80	530.20	523.19	528.73	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.19	96.91	97.57	99.56	4.04	ppb
Phosphorus	31-2	-11.92	-11.92	13.21	-3.54		ppb
Potassium	39-2	2006.94	1890.17	1910.19	1935.77	3.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	165.55	272.88	228.34	222.26	24.26	ppb
Selenium	78-2	219.09	216.51	186.71	207.44	8.67	ppb
Selenium	82-1	199.36	196.39	195.69	197.15	0.99	ppb
Silicon	28-1	-7.34	-4.94	-8.39	-6.89		ppb
Silver	109-1	99.45	98.92	97.31	98.56	1.13	ppb
Silver	107-1	99.81	99.52	96.54	98.62	1.84	ppb
Sodium	23-2	2110.96	1934.21	1929.64	1991.60	5.19	ppb
Strontium	86-1	473.16	471.59	460.81	468.52	1.44	ppb
Strontium	88-1	478.60	474.28	463.60	472.16	1.64	ppb
Sulfur	34-1	-964.14	-1223.59	-1369.96	-1185.90		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	191.91	197.53	187.69	192.38	2.57	ppb
Thallium	205-1	198.31	202.72	193.91	198.32	2.22	ppb
Thorium	232-1	443.84	441.99	440.88	442.23	0.34	cps
Tin	118-1	496.03	496.05	474.37	488.82	2.56	ppb
Titanium	47-1	471.13	475.17	462.32	469.54	1.40	ppb
Uranium	238-1	468.40	470.39	460.86	466.55	1.08	ppb
Vanadium	51-2	100.18	96.10	93.83	96.70	3.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	207.10	197.65	192.25	199.00	3.78	ppb
Zirconium	90-1	472.23	467.93	463.11	467.75	0.97	ppb
Zirconium	91-1	468.78	459.78	456.94	461.83	1.34	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.63	19.92	23.18	19.91	16.43	ppb
Antimony	121-1	2.03	2.11	2.13	2.09	2.46	ppb
Arsenic	75-2	1.24	1.11	0.97	1.11	12.11	ppb
Barium	135-1	9.42	9.63	9.48	9.51	1.15	ppb
Barium	137-1	9.47	9.60	9.55	9.54	0.70	ppb
Beryllium	9-1	0.98	0.99	1.14	1.04	8.62	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	11-1	39.11	39.42	39.74	39.42	0.79	ppb
Boron	10-1	40.31	40.65	39.27	40.08	1.79	ppb
Cadmium	106-1	-0.94	1.05	-0.40	-0.09		ppb
Cadmium	108-1	1.15	1.34	0.67	1.05	33.03	ppb
Cadmium	111-1	0.80	0.90	0.87	0.86	5.56	ppb
Calcium	43-1	457.14	457.51	432.77	449.14	3.16	ppb
Calcium	44-1	451.80	451.77	443.09	448.89	1.12	ppb
Chromium	52-2	1.87	2.16	2.10	2.04	7.46	ppb
Cobalt	59-2	1.01	1.09	0.92	1.00	8.11	ppb
Copper	63-2	1.91	2.03	1.73	1.89	8.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	49.49	52.65	49.87	50.67	3.40	ppb
Iron	57-2	53.95	56.65	49.43	53.34	6.84	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.95	0.97	0.97	3.42	ppb
Lead	207-1	0.97	0.93	0.92	0.94	2.62	ppb
Lead	208-1	0.97	0.95	0.94	0.96	1.62	ppb
Lithium	6-1				110		%
Magnesium	24-2	486.02	499.46	482.01	489.16	1.87	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.62	0.75	0.74	14.82	ppb
Molybdenum	94-1	5.56	5.82	5.64	5.68	2.30	ppb
Molybdenum	95-1	4.79	4.78	4.89	4.82	1.20	ppb
Molybdenum	96-1	4.87	5.17	4.69	4.91	4.94	ppb
Molybdenum	97-1	4.73	4.67	4.97	4.79	3.30	ppb
Molybdenum	98-1	4.86	4.88	4.74	4.83	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.80	0.60	0.78	21.00	ppb
Phosphorus	31-2	13.54	14.50	13.27	13.77	4.71	ppb
Potassium	39-2	483.77	552.41	464.87	500.35	9.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	4.53	18.01	4.34	8.96	87.52	ppb
Selenium	78-2	1.17	7.51	2.06	3.58	95.93	ppb
Selenium	82-1	5.50	5.28	5.04	5.27	4.39	ppb
Silicon	28-1	1.87	3.01	0.62	1.83	65.47	ppb
Silver	109-1	1.03	0.91	0.97	0.97	6.21	ppb
Silver	107-1	1.00	1.00	1.00	1.00	0.20	ppb
Sodium	23-2	526.81	551.58	509.75	529.38	3.97	ppb
Strontium	86-1	0.89	0.92	0.92	0.91	2.12	ppb
Strontium	88-1	0.97	0.98	0.95	0.97	1.56	ppb
Sulfur	34-1	-1098.70	-898.15	-1304.69	-1100.51		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.95	1.05	0.97	0.99	5.53	ppb
Thallium	205-1	1.02	1.01	1.00	1.01	1.06	ppb
Thorium	232-1	1.06	1.03	1.03	1.04	1.64	cps
Tin	118-1	4.92	5.04	4.80	4.92	2.47	ppb
Titanium	47-1	4.54	4.76	4.87	4.73	3.53	ppb
Uranium	238-1	0.97	0.94	0.94	0.95	1.97	ppb
Vanadium	51-2	5.11	5.24	4.73	5.03	5.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.41	2.22	2.25	2.30	4.33	ppb
Zirconium	90-1	1.63	1.55	1.48	1.55	4.61	ppb
Zirconium	91-1	1.57	1.46	1.43	1.49	4.86	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	1.06	1.11	1.29	27.26	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	12.77	ppb
Arsenic	75-2	-0.05	0.03	-0.02	-0.01		ppb
Barium	135-1	0.03	0.01	0.04	0.03	69.91	ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	10.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	11-1	15.24	14.85	14.18	14.76	3.64	ppb
Boron	10-1	16.06	15.65	14.62	15.44	4.80	ppb
Cadmium	106-1	-1.56	-0.42	-0.87	-0.95		ppb
Cadmium	108-1	-0.11	-0.11	0.00	-0.07		ppb
Cadmium	111-1	-0.10	-0.02	-0.07	-0.06		ppb
Calcium	43-1	-1.78	-1.57	-2.13	-1.83		ppb
Calcium	44-1	-5.27	-3.56	-5.71	-4.85		ppb
Chromium	52-2	0.00	0.02	-0.03	0.00		ppb
Cobalt	59-2	-0.01	0.02	0.04	0.01	162.58	ppb
Copper	63-2	-0.09	-0.05	-0.09	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	0.61	0.45	0.20	0.42	50.19	ppb
Iron	57-2	3.30	0.61	-0.84	1.02	205.01	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.04	0.03	20.24	ppb
Lead	207-1	0.01	0.03	0.01	0.02	81.08	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.48	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.30	-3.83	-5.61	-3.25		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.26	-0.06	-0.29	-0.21		ppb
Molybdenum	94-1	0.16	0.19	0.18	0.18	7.46	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.08	10.61	ppb
Molybdenum	96-1	0.06	0.05	0.08	0.06	27.66	ppb
Molybdenum	97-1	0.07	0.08	0.03	0.06	45.13	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	9.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.31	-0.09	-0.27		ppb
Phosphorus	31-2	14.42	16.87	13.99	15.10	10.29	ppb
Potassium	39-2	26.81	13.27	22.73	20.94	33.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	0.42	-1.97	-1.52		ppb
Selenium	82-1	0.37	0.03	0.75	0.38	93.45	ppb
Silicon	28-1	-15.39	-7.79	-11.74	-11.64		ppb
Silver	109-1	0.00	0.00	0.01	0.00	136.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.39	ppb
Sodium	23-2	48.33	47.61	34.96	43.63	17.23	ppb
Strontium	86-1	0.00	-0.06	-0.07	-0.04		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	76.59	ppb
Sulfur	34-1	-758.93	67.72	-515.96	-402.39		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.05	0.06	20.99	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	9.89	ppb
Thorium	232-1	0.05	0.09	0.09	0.08	31.08	cps
Tin	118-1	0.09	0.18	0.06	0.11	55.03	ppb
Titanium	47-1	0.04	0.04	-0.01	0.02	126.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.26	-0.26	0.02	1166.78	ppb
Zirconium	90-1	0.06	0.07	0.10	0.08	25.40	ppb
Zirconium	91-1	0.05	0.07	0.07	0.06	14.97	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88273.35	86503.35	86452.41	87076.37	1.19	ppb
Antimony	121-1	1.08	1.19	1.20	1.15	5.92	ppb
Arsenic	75-2	0.42	0.18	0.42	0.34	41.73	ppb
Barium	135-1	1.52	1.42	1.45	1.46	3.45	ppb
Barium	137-1	1.45	1.60	1.46	1.50	5.60	ppb
Beryllium	9-1	0.36	0.42	0.32	0.36	13.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				96		%
Boron	11-1	16.36	17.04	16.37	16.59	2.37	ppb
Boron	10-1	18.16	15.96	17.75	17.29	6.74	ppb
Cadmium	106-1	-2.12	-2.14	-1.32	-1.86		ppb
Cadmium	108-1	8.35	7.85	7.72	7.97	4.19	ppb
Cadmium	111-1	0.13	0.23	0.26	0.21	33.19	ppb
Calcium	43-1	94339.68	94197.99	95665.63	94734.43	0.85	ppb
Calcium	44-1	90891.46	92440.03	94174.01	92501.83	1.78	ppb
Chromium	52-2	19.71	19.38	19.38	19.49	0.98	ppb
Cobalt	59-2	1.08	1.15	1.00	1.08	6.92	ppb
Copper	63-2	7.38	7.29	7.25	7.31	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	98452.65	98229.15	97156.77	97946.19	0.71	ppb
Iron	57-2	96883.67	96267.96	94940.46	96030.70	1.03	ppb
Krypton	83-1						cps
Lead	206-1	4.75	4.56	4.73	4.68	2.29	ppb
Lead	207-1	4.07	4.06	4.08	4.07	0.32	ppb
Lead	208-1	4.36	4.25	4.32	4.31	1.22	ppb
Lithium	6-1				107		%
Magnesium	24-2	99529.23	97462.85	98386.13	98459.40	1.05	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.69	7.91	7.92	7.51	9.44	ppb
Molybdenum	94-1	1340.31	1339.25	1338.59	1339.38	0.06	ppb
Molybdenum	95-1	1921.23	1909.31	1924.99	1918.51	0.43	ppb
Molybdenum	96-1	1823.64	1838.44	1858.04	1840.04	0.94	ppb
Molybdenum	97-1	1926.69	1943.15	1927.69	1932.51	0.48	ppb
Molybdenum	98-1	1905.65	1893.94	1914.38	1904.66	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.89	5.23	5.19	5.10	3.68	ppb
Phosphorus	31-2	99074.84	96873.40	99049.10	98332.45	1.29	ppb
Potassium	39-2	94872.31	93854.51	93659.34	94128.72	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-2.12	-2.12	4.73	0.16	2449.16	ppb
Selenium	78-2	-1.93	-3.00	-0.86	-1.93		ppb
Selenium	82-1	0.28	0.20	0.33	0.27	23.76	ppb
Silicon	28-1	24.88	25.37	28.32	26.19	7.11	ppb
Silver	109-1	0.05	0.06	0.08	0.06	26.86	ppb
Silver	107-1	0.04	0.05	0.08	0.06	38.37	ppb
Sodium	23-2	96923.03	96980.61	96524.36	96809.34	0.26	ppb
Strontium	86-1	31.49	32.54	33.22	32.42	2.68	ppb
Strontium	88-1	32.69	32.97	33.31	32.99	0.95	ppb
Sulfur	34-1	82222.73	80455.04	82354.73	81677.50	1.30	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.11	0.11	0.11	13.18	ppb
Thallium	205-1	0.09	0.10	0.11	0.10	10.00	ppb
Thorium	232-1	0.09	0.08	0.09	0.09	6.56	cps
Tin	118-1	0.13	0.11	0.09	0.11	18.33	ppb
Titanium	47-1	1977.22	1952.62	2014.49	1981.44	1.57	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.97	ppb
Vanadium	51-2	0.09	0.14	0.08	0.10	29.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.38	10.47	10.79	10.55	2.03	ppb
Zirconium	90-1	0.99	0.79	0.68	0.82	19.30	ppb
Zirconium	91-1	0.92	0.85	0.67	0.82	15.65	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89636.80	86480.99	88143.44	88087.08	1.79	ppb
Antimony	121-1	20.24	20.54	20.48	20.42	0.78	ppb
Arsenic	75-2	19.48	18.46	20.07	19.33	4.21	ppb
Barium	135-1	21.27	21.26	20.97	21.17	0.80	ppb
Barium	137-1	21.61	20.75	21.22	21.19	2.03	ppb
Beryllium	9-1	20.88	21.02	19.64	20.51	3.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				96		%
Boron	11-1	69.09	69.55	72.04	70.22	2.26	ppb
Boron	10-1	68.55	74.91	74.92	72.79	5.04	ppb
Cadmium	106-1	23.02	23.89	24.27	23.73	2.69	ppb
Cadmium	108-1	29.74	29.35	29.91	29.67	0.98	ppb
Cadmium	111-1	19.54	19.84	19.24	19.54	1.52	ppb
Calcium	43-1	93086.67	95696.07	95069.92	94617.55	1.44	ppb
Calcium	44-1	92895.58	93599.95	92600.50	93032.01	0.55	ppb
Chromium	52-2	39.83	39.23	39.57	39.54	0.77	ppb
Cobalt	59-2	21.61	21.04	21.18	21.28	1.39	ppb
Copper	63-2	27.92	27.20	27.85	27.66	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	100315.80	97468.47	99212.34	98998.87	1.45	ppb
Iron	57-2	98271.17	95178.39	97731.28	97060.28	1.70	ppb
Krypton	83-1						cps
Lead	206-1	24.97	24.62	24.88	24.83	0.73	ppb
Lead	207-1	22.33	22.98	22.51	22.61	1.48	ppb
Lead	208-1	23.38	23.42	23.41	23.40	0.08	ppb
Lithium	6-1				107		%
Magnesium	24-2	100772.91	98690.39	99312.11	99591.80	1.07	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.91	25.43	25.32	26.55	7.69	ppb
Molybdenum	94-1	1452.68	1456.96	1460.85	1456.83	0.28	ppb
Molybdenum	95-1	1951.54	1976.32	1997.16	1975.01	1.16	ppb
Molybdenum	96-1	1891.26	1906.42	1898.70	1898.79	0.40	ppb
Molybdenum	97-1	1957.10	1998.81	1974.99	1976.96	1.06	ppb
Molybdenum	98-1	1947.86	1953.44	1974.22	1958.51	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.57	24.08	24.24	24.63	3.31	ppb
Phosphorus	31-2	99739.67	96203.39	97948.83	97963.96	1.80	ppb
Potassium	39-2	96741.75	93615.65	95532.43	95296.61	1.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	4.80	32.33	-2.12	11.67	156.18	ppb
Selenium	78-2	20.86	17.49	5.65	14.67	54.48	ppb
Selenium	82-1	19.09	19.90	20.93	19.97	4.61	ppb
Silicon	28-1	87.17	89.37	89.23	88.59	1.39	ppb
Silver	109-1	18.22	18.29	18.19	18.23	0.29	ppb
Silver	107-1	17.92	18.36	18.26	18.18	1.29	ppb
Sodium	23-2	97540.90	96514.79	98030.10	97361.93	0.79	ppb
Strontium	86-1	86.10	85.76	86.77	86.21	0.60	ppb
Strontium	88-1	89.76	89.56	87.06	88.79	1.70	ppb
Sulfur	34-1	81569.17	81400.72	81129.27	81366.39	0.27	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	19.45	19.36	20.08	19.63	2.00	ppb
Thallium	205-1	19.72	19.97	19.86	19.85	0.63	ppb
Thorium	232-1	0.06	0.06	0.05	0.05	6.99	cps
Tin	118-1	53.59	54.16	54.57	54.11	0.91	ppb
Titanium	47-1	1996.42	2051.78	2030.50	2026.23	1.38	ppb
Uranium	238-1	55.48	56.78	56.34	56.20	1.18	ppb
Vanadium	51-2	19.47	19.90	19.32	19.56	1.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	33.34	31.51	29.78	31.54	5.64	ppb
Zirconium	90-1	53.91	53.84	54.43	54.06	0.59	ppb
Zirconium	91-1	53.55	54.20	53.53	53.76	0.71	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51502.04	49267.61	52062.62	50944.09	2.90	ppb
Antimony	121-1	497.16	537.88	504.99	513.34	4.21	ppb
Arsenic	75-2	502.26	492.13	502.46	498.95	1.18	ppb
Barium	135-1	2487.13	2713.69	2504.45	2568.42	4.91	ppb
Barium	137-1	2489.35	2707.13	2508.21	2568.23	4.70	ppb
Beryllium	9-1	498.73	542.45	498.21	513.13	4.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	11-1	482.90	545.63	510.50	513.01	6.13	ppb
Boron	10-1	478.44	550.49	510.64	513.19	7.03	ppb
Cadmium	106-1	489.11	525.71	491.46	502.09	4.08	ppb
Cadmium	108-1	482.24	517.32	484.96	494.84	3.94	ppb
Cadmium	111-1	481.97	520.94	486.59	496.50	4.29	ppb
Calcium	43-1	237520.69	252639.94	235514.58	241891.74	3.87	ppb
Calcium	44-1	234747.36	253291.91	234289.23	240776.17	4.50	ppb
Chromium	52-2	519.79	503.11	529.52	517.47	2.58	ppb
Cobalt	59-2	499.38	479.45	506.11	494.98	2.80	ppb
Copper	63-2	952.30	920.16	967.99	946.82	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	125238.09	120400.76	126753.89	124130.91	2.67	ppb
Iron	57-2	123586.26	119023.26	125241.51	122617.01	2.63	ppb
Krypton	83-1						cps
Lead	206-1	506.56	550.05	501.91	519.50	5.11	ppb
Lead	207-1	511.06	545.13	500.05	518.75	4.53	ppb
Lead	208-1	508.49	544.26	502.77	518.51	4.34	ppb
Lithium	6-1				108		%
Magnesium	24-2	245217.42	236841.73	249293.61	243784.25	2.60	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.91	965.99	1016.55	990.15	2.56	ppb
Molybdenum	94-1	2509.16	2718.36	2490.65	2572.72	4.92	ppb
Molybdenum	95-1	2519.55	2705.62	2484.22	2569.80	4.63	ppb
Molybdenum	96-1	2518.40	2681.29	2457.65	2552.45	4.53	ppb
Molybdenum	97-1	2508.77	2712.18	2499.83	2573.59	4.67	ppb
Molybdenum	98-1	2518.69	2681.75	2469.83	2556.76	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.79	490.05	505.34	499.06	1.60	ppb
Phosphorus	31-2	11164.54	10258.34	9914.92	10445.93	6.18	ppb
Potassium	39-2	123685.57	117955.60	125617.80	122419.65	3.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	418.87	509.05	580.38	502.77	16.10	ppb
Selenium	78-2	462.72	503.25	515.32	493.76	5.58	ppb
Selenium	82-1	493.06	529.06	486.68	502.93	4.54	ppb
Silicon	28-1	579.42	652.30	597.15	609.62	6.23	ppb
Silver	109-1	473.01	516.88	480.65	490.18	4.78	ppb
Silver	107-1	479.41	513.10	476.44	489.65	4.16	ppb
Sodium	23-2	246301.51	239832.27	250627.65	245587.14	2.21	ppb
Strontium	86-1	492.71	530.39	487.62	503.57	4.64	ppb
Strontium	88-1	498.74	538.22	496.33	511.10	4.60	ppb
Sulfur	34-1	8132.05	9838.07	8262.63	8744.25	10.86	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	499.22	534.15	496.21	509.86	4.14	ppb
Thallium	205-1	500.19	530.70	494.06	508.32	3.86	ppb
Thorium	232-1	494.99	496.47	497.25	496.24	0.23	cps
Tin	118-1	500.49	542.08	507.29	516.62	4.32	ppb
Titanium	47-1	2510.05	2730.12	2501.72	2580.63	5.02	ppb
Uranium	238-1	521.97	561.36	520.06	534.47	4.36	ppb
Vanadium	51-2	498.26	483.42	506.52	496.07	2.36	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	977.17	939.44	987.26	967.95	2.60	ppb
Zirconium	90-1	500.90	533.98	495.89	510.26	4.06	ppb
Zirconium	91-1	495.88	530.03	488.67	504.86	4.38	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.43	-0.43	-0.44		ppb
Antimony	121-1	0.20	0.22	0.25	0.22	10.52	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	151.48	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	233.46	ppb
Barium	137-1	0.00	0.00	0.00	0.00	11573.48	ppb
Beryllium	9-1	0.12	0.19	0.09	0.13	38.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	11-1	9.65	10.15	9.45	9.75	3.71	ppb
Boron	10-1	8.23	9.09	8.02	8.45	6.70	ppb
Cadmium	106-1	-2.47	-2.25	-2.33	-2.35		ppb
Cadmium	108-1	-0.07	-0.08	-0.04	-0.06		ppb
Cadmium	111-1	-0.17	-0.15	-0.16	-0.16		ppb
Calcium	43-1	-7.50	-8.34	-12.16	-9.33		ppb
Calcium	44-1	-4.25	-6.00	-6.13	-5.46		ppb
Chromium	52-2	0.01	-0.15	-0.22	-0.12		ppb
Cobalt	59-2	0.00	-0.02	0.00	0.00		ppb
Copper	63-2	-0.12	-0.12	-0.11	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	0.85	0.93	0.91	0.90	4.37	ppb
Iron	57-2	-0.43	0.10	-0.89	-0.41		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	35.96	ppb
Lead	207-1	0.02	0.03	0.01	0.02	66.37	ppb
Lead	208-1	0.03	0.04	0.02	0.03	30.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	-3.95	-3.07	1.46	-1.85		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.33	-0.32	-0.19	-0.28		ppb
Molybdenum	94-1	0.27	0.26	0.17	0.24	23.41	ppb
Molybdenum	95-1	0.17	0.18	0.21	0.19	12.58	ppb
Molybdenum	96-1	0.16	0.19	0.21	0.19	14.30	ppb
Molybdenum	97-1	0.20	0.13	0.15	0.16	21.84	ppb
Molybdenum	98-1	0.17	0.19	0.22	0.19	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.44	-0.35	-0.59	-0.46		ppb
Phosphorus	31-2	-11.92	-11.92	-11.92	-11.92		ppb
Potassium	39-2	4.85	34.09	-1.20	12.58	150.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-0.95	-1.99	-1.98		ppb
Selenium	82-1	-0.77	-0.69	0.32	-0.38		ppb
Silicon	28-1	-14.10	-16.00	-16.48	-15.52		ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.40	ppb
Silver	107-1	0.02	0.02	0.01	0.02	16.20	ppb
Sodium	23-2	54.40	57.00	54.67	55.36	2.58	ppb
Strontium	86-1	-0.01	-0.02	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	188.91	ppb
Sulfur	34-1	-1112.51	-1569.37	-1370.51	-1350.79		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.07	0.06	0.06	4.22	ppb
Thallium	205-1	0.08	0.07	0.08	0.07	5.55	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	1.54	cps
Tin	118-1	0.05	0.06	0.03	0.05	24.08	ppb
Titanium	47-1	0.04	0.03	0.08	0.05	54.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	83.52	ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.20	0.27	0.03	0.17	73.02	ppb
Zirconium	90-1	0.09	0.08	0.06	0.08	16.66	ppb
Zirconium	91-1	0.06	0.05	0.09	0.07	26.11	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.13	19.77	17.57	20.82	18.68	ppb
Antimony	121-1	2.08	2.16	2.11	2.12	2.02	ppb
Arsenic	75-2	0.66	1.03	0.79	0.83	22.73	ppb
Barium	135-1	9.58	9.69	9.96	9.74	1.98	ppb
Barium	137-1	9.65	9.76	10.34	9.92	3.75	ppb
Beryllium	9-1	1.13	0.95	1.18	1.09	11.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	11-1	28.59	32.45	32.70	31.25	7.38	ppb
Boron	10-1	32.56	31.38	32.98	32.31	2.57	ppb
Cadmium	106-1	-0.02	-0.03	-1.40	-0.48		ppb
Cadmium	108-1	1.06	0.96	1.14	1.05	8.72	ppb
Cadmium	111-1	0.81	0.96	0.81	0.86	10.09	ppb
Calcium	43-1	466.09	491.58	500.68	486.11	3.69	ppb
Calcium	44-1	449.43	470.42	483.52	467.79	3.68	ppb
Chromium	52-2	1.91	1.89	1.90	1.90	0.42	ppb
Cobalt	59-2	1.08	1.00	0.93	1.00	7.19	ppb
Copper	63-2	1.90	1.86	1.85	1.87	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	51.67	51.68	50.49	51.28	1.33	ppb
Iron	57-2	43.42	54.97	46.74	48.38	12.30	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.09	1.05	1.05	3.77	ppb
Lead	207-1	0.95	1.03	1.02	1.00	4.59	ppb
Lead	208-1	0.99	1.06	1.03	1.03	3.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	530.73	488.16	492.47	503.79	4.65	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.80	0.65	0.44	0.63	28.24	ppb
Molybdenum	94-1	5.48	5.55	5.56	5.53	0.81	ppb
Molybdenum	95-1	4.80	5.17	5.17	5.04	4.26	ppb
Molybdenum	96-1	4.93	5.00	5.21	5.05	2.88	ppb
Molybdenum	97-1	4.55	5.15	5.25	4.98	7.63	ppb
Molybdenum	98-1	4.78	5.23	5.24	5.08	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.77	0.67	0.64	22.84	ppb
Phosphorus	31-2	-11.92	-11.92	-11.92	-11.92		ppb
Potassium	39-2	521.97	511.24	469.19	500.80	5.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	4.42	10.93	4.38	6.58	57.36	ppb
Selenium	78-2	1.10	1.08	6.17	2.78	105.34	ppb
Selenium	82-1	4.61	5.71	4.44	4.92	13.91	ppb
Silicon	28-1	-0.73	7.89	6.76	4.64	101.04	ppb
Silver	109-1	0.99	1.04	1.04	1.02	2.38	ppb
Silver	107-1	0.94	1.10	1.06	1.03	8.26	ppb
Sodium	23-2	561.24	561.70	533.62	552.19	2.91	ppb
Strontium	86-1	0.97	1.23	1.00	1.07	13.37	ppb
Strontium	88-1	0.97	1.03	1.08	1.03	5.66	ppb
Sulfur	34-1	-1389.95	-873.02	-427.33	-896.77		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.97	1.10	1.09	1.05	6.60	ppb
Thallium	205-1	1.00	1.10	1.06	1.05	4.95	ppb
Thorium	232-1	0.97	0.98	1.00	0.98	1.29	cps
Tin	118-1	4.91	5.14	5.15	5.07	2.72	ppb
Titanium	47-1	4.85	4.78	5.53	5.05	8.21	ppb
Uranium	238-1	0.94	1.00	1.05	0.99	5.48	ppb
Vanadium	51-2	4.91	4.97	4.61	4.83	4.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.37	2.68	2.12	2.39	11.76	ppb
Zirconium	90-1	1.15	1.24	1.22	1.20	4.14	ppb
Zirconium	91-1	1.15	1.17	1.23	1.18	3.72	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-0.96	-1.39	-0.93		ppb
Antimony	121-1	0.07	0.06	0.06	0.06	8.23	ppb
Arsenic	75-2	0.02	-0.02	0.07	0.02	193.99	ppb
Barium	135-1	0.01	0.02	-0.01	0.01	278.22	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.11	0.12	0.11	0.12	4.79	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	11-1	8.26	8.03	8.20	8.16	1.46	ppb
Boron	10-1	9.54	6.90	8.73	8.39	16.12	ppb
Cadmium	106-1	-0.73	-2.01	-1.16	-1.30		ppb
Cadmium	108-1	-0.11	-0.07	-0.08	-0.09		ppb
Cadmium	111-1	-0.05	-0.14	-0.09	-0.09		ppb
Calcium	43-1	-0.73	-8.59	-6.65	-5.33		ppb
Calcium	44-1	-4.74	-3.57	-5.48	-4.60		ppb
Chromium	52-2	-0.12	-0.10	0.00	-0.07		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	1882.31	ppb
Copper	63-2	-0.11	-0.11	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	0.27	0.52	0.46	0.42	32.08	ppb
Iron	57-2	3.52	-1.43	1.12	1.07	231.34	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	12.40	ppb
Lead	207-1	0.02	0.01	0.03	0.02	41.17	ppb
Lead	208-1	0.02	0.02	0.02	0.02	17.47	ppb
Lithium	6-1				111		%
Magnesium	24-2	-1.11	-2.76	-1.89	-1.92		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.31	-0.35	-0.17	-0.28		ppb
Molybdenum	94-1	0.12	0.10	0.12	0.11	10.25	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	14.78	ppb
Molybdenum	96-1	0.06	0.08	0.04	0.06	31.35	ppb
Molybdenum	97-1	0.07	0.06	0.08	0.07	14.45	ppb
Molybdenum	98-1	0.09	0.06	0.04	0.07	37.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.56	-0.31	-0.42		ppb
Phosphorus	31-2	13.41	88.07	-11.92	29.86	174.12	ppb
Potassium	39-2	11.53	27.75	20.80	20.03	40.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	4.25	4.41	-2.12	2.18	170.97	ppb
Selenium	78-2	-2.01	-3.00	-3.00	-2.67		ppb
Selenium	82-1	-0.12	-0.12	0.89	0.22	271.31	ppb
Silicon	28-1	-17.50	-16.88	-17.80	-17.39		ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.02	ppb
Sodium	23-2	50.29	44.50	56.28	50.36	11.70	ppb
Strontium	86-1	-0.07	-0.06	-0.01	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	380.48	ppb
Sulfur	34-1	-1441.76	-1307.53	-1330.70	-1360.00		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.06	0.05	0.05	11.08	ppb
Thallium	205-1	0.05	0.05	0.07	0.06	17.19	ppb
Thorium	232-1	0.03	0.02	0.03	0.02	23.87	cps
Tin	118-1	-0.06	-0.02	-0.07	-0.05		ppb
Titanium	47-1	0.06	0.02	0.03	0.03	60.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	-0.07	-0.23	-0.14		ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	13.03	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	314.15	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9450.00	9515.61	9473.52	9479.71	0.35	ppb
Antimony	121-1	492.94	490.00	492.72	491.89	0.33	ppb
Arsenic	75-2	502.69	501.78	501.61	502.02	0.12	ppb
Barium	135-1	2490.45	2462.85	2463.99	2472.43	0.63	ppb
Barium	137-1	2478.46	2463.19	2448.11	2463.25	0.62	ppb
Beryllium	9-1	499.16	497.86	489.24	495.42	1.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	11-1	476.95	489.24	485.93	484.04	1.31	ppb
Boron	10-1	485.38	478.36	485.01	482.92	0.82	ppb
Cadmium	106-1	500.75	489.25	484.11	491.37	1.73	ppb
Cadmium	108-1	487.92	498.09	490.09	492.03	1.09	ppb
Cadmium	111-1	492.57	488.17	485.69	488.81	0.71	ppb
Calcium	43-1	47054.80	46939.56	46830.59	46941.65	0.24	ppb
Calcium	44-1	47979.39	47173.14	46467.74	47206.76	1.60	ppb
Chromium	52-2	494.82	496.54	504.26	498.54	1.01	ppb
Cobalt	59-2	491.79	495.34	503.45	496.86	1.20	ppb
Copper	63-2	970.42	975.18	994.24	979.95	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	24862.22	24825.25	25311.53	24999.67	1.08	ppb
Iron	57-2	24176.90	24198.06	24968.97	24447.98	1.85	ppb
Krypton	83-1						cps
Lead	206-1	495.42	491.80	493.70	493.64	0.37	ppb
Lead	207-1	491.06	491.57	489.58	490.74	0.21	ppb
Lead	208-1	495.22	491.11	491.71	492.68	0.45	ppb
Lithium	6-1				113		%
Magnesium	24-2	50889.86	50621.77	51608.92	51040.19	1.00	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.50	992.88	1010.35	998.24	1.05	ppb
Molybdenum	94-1	2472.87	2450.28	2466.81	2463.32	0.47	ppb
Molybdenum	95-1	2475.76	2445.21	2462.96	2461.31	0.62	ppb
Molybdenum	96-1	2487.76	2409.31	2473.91	2456.99	1.70	ppb
Molybdenum	97-1	2467.94	2447.53	2452.69	2456.05	0.43	ppb
Molybdenum	98-1	2464.02	2442.10	2441.15	2449.09	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.66	492.69	511.09	498.82	2.13	ppb
Phosphorus	31-2	11040.69	10055.21	10013.75	10369.88	5.61	ppb
Potassium	39-2	23663.31	23941.61	24520.56	24041.82	1.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	77-2	502.78	491.37	489.71	494.62	1.44	ppb
Selenium	78-2	547.32	482.30	464.31	497.97	8.77	ppb
Selenium	82-1	493.63	481.67	492.92	489.41	1.37	ppb
Silicon	28-1	512.61	497.61	502.89	504.37	1.51	ppb
Silver	109-1	508.18	498.19	498.92	501.76	1.11	ppb
Silver	107-1	497.53	498.90	496.96	497.80	0.20	ppb
Sodium	23-2	49912.91	49696.27	50977.98	50195.72	1.37	ppb
Strontium	86-1	485.69	478.92	487.11	483.91	0.90	ppb
Strontium	88-1	494.30	481.04	491.82	489.05	1.44	ppb
Sulfur	34-1	8745.79	8253.44	8253.73	8417.65	3.38	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	505.25	483.55	493.76	494.18	2.20	ppb
Thallium	205-1	496.02	481.86	491.22	489.70	1.47	ppb
Thorium	232-1	493.79	494.69	490.72	493.06	0.42	cps
Tin	118-1	499.89	493.20	491.80	494.97	0.87	ppb
Titanium	47-1	2493.79	2480.03	2451.27	2475.03	0.88	ppb
Uranium	238-1	482.74	476.45	478.32	479.17	0.67	ppb
Vanadium	51-2	494.61	493.55	499.16	495.77	0.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	986.38	1000.08	999.42	995.29	0.78	ppb
Zirconium	90-1	494.87	486.07	490.77	490.57	0.90	ppb
Zirconium	91-1	488.74	477.70	483.26	483.23	1.14	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.81	49.68	50.11	52.20	7.66	ppb
Antimony	121-1	1.01	0.95	0.96	0.97	3.30	ppb
Arsenic	75-2	0.85	0.89	0.68	0.81	13.52	ppb
Barium	135-1	59.86	58.29	59.87	59.34	1.53	ppb
Barium	137-1	59.50	57.69	58.83	58.68	1.56	ppb
Beryllium	9-1	0.41	0.27	0.30	0.32	23.18	ppb
Bismuth	209-1				124		%
Bismuth	209-2				109		%
Boron	11-1	78.62	75.52	74.61	76.25	2.76	ppb
Boron	10-1	72.62	71.24	73.12	72.32	1.35	ppb
Cadmium	106-1	-0.85	-2.41	-1.60	-1.62		ppb
Cadmium	108-1	0.08	0.02	0.08	0.06	64.38	ppb
Cadmium	111-1	0.05	-0.11	-0.04	-0.03		ppb
Calcium	43-1	30497.76	30390.94	30255.54	30381.41	0.40	ppb
Calcium	44-1	30613.58	30278.42	30518.89	30470.30	0.57	ppb
Chromium	52-2	0.15	0.21	0.16	0.17	20.59	ppb
Cobalt	59-2	0.26	0.28	0.29	0.28	4.80	ppb
Copper	63-2	79.95	79.98	80.84	80.25	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				116		%
Indium	115-1				118		%
Indium	115-2				104		%
Iron	56-2	17.08	17.02	16.95	17.01	0.38	ppb
Iron	57-2	17.85	15.60	19.43	17.63	10.91	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.66	0.67	0.67	1.70	ppb
Lead	207-1	0.58	0.59	0.66	0.61	6.85	ppb
Lead	208-1	0.65	0.63	0.66	0.64	2.32	ppb
Lithium	6-1				121		%
Magnesium	24-2	6172.53	6124.20	6335.48	6210.74	1.78	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.76	5.27	5.24	5.09	5.61	ppb
Molybdenum	94-1	1.36	1.35	1.24	1.32	4.98	ppb
Molybdenum	95-1	1.75	1.52	1.32	1.53	14.08	ppb
Molybdenum	96-1	1.55	1.32	1.30	1.39	9.98	ppb
Molybdenum	97-1	1.61	1.51	1.39	1.50	7.47	ppb
Molybdenum	98-1	1.60	1.54	1.31	1.48	10.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.40	0.19	0.36	44.15	ppb
Phosphorus	31-2	297.60	441.88	355.56	365.01	19.89	ppb
Potassium	39-2	2009.16	2061.64	2098.14	2056.31	2.18	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				99		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.14	-3.00	-1.07	-1.41		ppb
Selenium	82-1	-0.51	0.47	1.30	0.42	214.39	ppb
Silicon	28-1	3075.66	3063.21	3008.44	3049.10	1.17	ppb
Silver	109-1	0.23	0.23	0.24	0.23	2.16	ppb
Silver	107-1	0.20	0.25	0.27	0.24	15.16	ppb
Sodium	23-2	59047.69	59345.80	60145.87	59513.12	0.95	ppb
Strontium	86-1	118.29	115.41	115.54	116.42	1.40	ppb
Strontium	88-1	122.07	118.95	120.72	120.58	1.30	ppb
Sulfur	34-1	304.13	152.68	192.70	216.50	36.25	ppb
Terbium	159-1				123		%
Terbium	159-2				114		%
Thallium	203-1	0.25	0.24	0.26	0.25	4.04	ppb
Thallium	205-1	0.30	0.24	0.23	0.26	13.77	ppb
Thorium	232-1	0.14	0.14	0.09	0.12	21.60	cps
Tin	118-1	0.26	0.23	0.28	0.25	9.90	ppb
Titanium	47-1	0.55	0.35	0.35	0.42	26.94	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.10	ppb
Vanadium	51-2	0.67	0.63	0.70	0.67	4.75	ppb
Yttrium	89-1				116		%
Yttrium	89-2				104		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	287.81	288.25	296.14	290.74	1.61	ppb
Zirconium	90-1	0.17	0.16	0.14	0.16	8.24	ppb
Zirconium	91-1	0.20	0.09	0.08	0.12	55.27	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.29	50.39	50.97	56.22	17.07	ppb
Antimony	121-1	0.50	0.62	0.55	0.55	10.62	ppb
Arsenic	75-2	0.76	0.70	0.64	0.70	7.93	ppb
Barium	135-1	59.41	60.34	59.72	59.82	0.78	ppb
Barium	137-1	59.43	58.42	59.68	59.18	1.13	ppb
Beryllium	9-1	0.23	0.19	0.20	0.21	10.57	ppb
Bismuth	209-1				125		%
Bismuth	209-2				108		%
Boron	11-1	61.92	64.53	66.80	64.42	3.80	ppb
Boron	10-1	65.25	64.38	63.62	64.42	1.27	ppb
Cadmium	106-1	-1.56	-0.37	-1.83	-1.25		ppb
Cadmium	108-1	0.05	-0.02	0.08	0.04	134.44	ppb
Cadmium	111-1	-0.09	0.02	-0.11	-0.06		ppb
Calcium	43-1	30565.75	30892.85	30776.89	30745.16	0.54	ppb
Calcium	44-1	30517.97	30749.48	30894.48	30720.64	0.62	ppb
Chromium	52-2	0.25	0.27	0.21	0.24	13.25	ppb
Cobalt	59-2	0.25	0.29	0.24	0.26	8.64	ppb
Copper	63-2	83.19	84.72	81.20	83.04	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				102		%
Iron	56-2	16.50	17.20	16.25	16.65	2.96	ppb
Iron	57-2	14.65	17.73	15.63	16.00	9.84	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.71	0.67	0.69	2.53	ppb
Lead	207-1	0.61	0.59	0.63	0.61	3.16	ppb
Lead	208-1	0.64	0.63	0.63	0.63	0.61	ppb
Lithium	6-1				121		%
Magnesium	24-2	6335.82	6357.08	6259.93	6317.61	0.81	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.05	5.65	4.78	5.16	8.62	ppb
Molybdenum	94-1	0.78	0.81	0.87	0.82	5.84	ppb
Molybdenum	95-1	0.89	0.86	0.82	0.86	4.16	ppb
Molybdenum	96-1	0.91	0.82	0.89	0.87	5.30	ppb
Molybdenum	97-1	0.99	0.91	0.86	0.92	7.28	ppb
Molybdenum	98-1	0.91	0.85	0.90	0.89	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.27	0.28	0.34	32.52	ppb
Phosphorus	31-2	314.46	266.29	389.92	323.56	19.26	ppb
Potassium	39-2	2104.32	2084.96	2044.17	2077.82	1.48	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				95		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-1.02	-3.00	-2.34		ppb
Selenium	82-1	0.64	0.54	1.03	0.74	34.94	ppb
Silicon	28-1	3072.12	3065.79	3058.23	3065.38	0.23	ppb
Silver	109-1	0.22	0.24	0.24	0.23	4.73	ppb
Silver	107-1	0.21	0.22	0.26	0.23	12.41	ppb
Sodium	23-2	61332.19	61120.16	60221.29	60891.21	0.97	ppb
Strontium	86-1	116.72	115.68	116.22	116.20	0.45	ppb
Strontium	88-1	123.30	119.61	122.16	121.69	1.55	ppb
Sulfur	34-1	253.20	441.50	522.19	405.63	34.03	ppb
Terbium	159-1				123		%
Terbium	159-2				112		%
Thallium	203-1	0.10	0.11	0.10	0.10	8.24	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	7.77	ppb
Thorium	232-1	0.11	0.10	0.09	0.10	12.15	cps
Tin	118-1	0.08	0.07	0.06	0.07	14.67	ppb
Titanium	47-1	0.32	0.32	0.29	0.31	6.01	ppb
Uranium	238-1	0.09	0.11	0.09	0.10	7.78	ppb
Vanadium	51-2	0.76	0.93	0.81	0.83	10.43	ppb
Yttrium	89-1				116		%
Yttrium	89-2				101		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	303.52	301.73	304.52	303.25	0.47	ppb
Zirconium	90-1	0.12	0.10	0.10	0.11	13.35	ppb
Zirconium	91-1	0.09	0.12	0.07	0.09	26.83	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.13	11.49	7.88	9.17	21.99	ppb
Antimony	121-1	0.27	0.27	0.26	0.27	2.33	ppb
Arsenic	75-2	0.12	0.05	0.05	0.08	56.43	ppb
Barium	135-1	11.65	11.53	11.33	11.50	1.39	ppb
Barium	137-1	11.18	11.17	11.08	11.14	0.48	ppb
Beryllium	9-1	0.20	0.13	0.15	0.16	20.25	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	11-1	23.84	22.99	23.71	23.51	1.96	ppb
Boron	10-1	26.88	23.83	25.52	25.41	6.02	ppb
Cadmium	106-1	-1.11	-2.27	-1.93	-1.77		ppb
Cadmium	108-1	-0.04	0.00	0.00	-0.02		ppb
Cadmium	111-1	-0.08	-0.15	-0.13	-0.12		ppb
Calcium	43-1	5754.60	5910.91	5945.92	5870.48	1.74	ppb
Calcium	44-1	5835.36	6048.62	6125.79	6003.25	2.51	ppb
Chromium	52-2	-0.10	-0.01	-0.03	-0.05		ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	20.79	ppb
Copper	63-2	15.68	15.63	15.78	15.69	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	4.02	3.17	3.03	3.41	15.77	ppb
Iron	57-2	0.90	2.89	1.84	1.88	52.87	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.16	0.14	17.82	ppb
Lead	207-1	0.14	0.13	0.11	0.13	12.29	ppb
Lead	208-1	0.14	0.13	0.14	0.13	3.73	ppb
Lithium	6-1				113		%
Magnesium	24-2	1227.89	1198.94	1182.53	1203.12	1.91	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.80	0.87	0.79	0.82	5.11	ppb
Molybdenum	94-1	0.24	0.28	0.25	0.26	7.83	ppb
Molybdenum	95-1	0.32	0.33	0.28	0.31	9.20	ppb
Molybdenum	96-1	0.27	0.23	0.31	0.27	14.75	ppb
Molybdenum	97-1	0.29	0.32	0.27	0.29	7.53	ppb
Molybdenum	98-1	0.29	0.27	0.28	0.28	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.42	-0.24	-0.30		ppb
Phosphorus	31-2	69.88	175.28	41.46	95.54	73.79	ppb
Potassium	39-2	397.93	399.95	409.17	402.35	1.49	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-2.12	-2.12	4.61	0.12	3211.62	ppb
Selenium	78-2	-3.00	-0.89	-3.00	-2.30		ppb
Selenium	82-1	0.31	0.32	0.11	0.25	48.11	ppb
Silicon	28-1	579.34	600.52	598.35	592.74	1.97	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.86	ppb
Silver	107-1	0.11	0.12	0.14	0.12	14.02	ppb
Sodium	23-2	11473.06	11241.29	11154.69	11289.68	1.46	ppb
Strontium	86-1	22.09	22.61	22.84	22.51	1.70	ppb
Strontium	88-1	22.44	22.88	23.00	22.77	1.31	ppb
Sulfur	34-1	-1538.99	-1256.01	-1129.20	-1308.07		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.04	0.04	13.33	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	20.60	ppb
Thorium	232-1	0.08	0.08	0.09	0.08	7.23	cps
Tin	118-1	-0.04	-0.06	-0.03	-0.04		ppb
Titanium	47-1	0.20	0.11	0.05	0.12	61.37	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.22	ppb
Vanadium	51-2	0.12	0.19	0.17	0.16	21.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.71	57.17	57.18	57.69	1.53	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	18.80	ppb
Zirconium	91-1	0.02	0.08	0.02	0.04	87.23	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1932.75	1913.84	1869.03	1905.21	1.72	ppb
Antimony	121-1	744.52	769.58	765.30	759.80	1.76	ppb
Arsenic	75-2	826.20	810.05	811.92	816.06	1.08	ppb
Barium	135-1	251.93	261.07	261.03	258.01	2.04	ppb
Barium	137-1	251.87	259.94	258.73	256.85	1.69	ppb
Beryllium	9-1	198.23	200.60	200.91	199.92	0.73	ppb
Bismuth	209-1				127		%
Bismuth	209-2				107		%
Boron	11-1	321.54	338.25	343.94	334.58	3.48	ppb
Boron	10-1	323.95	339.24	352.73	338.64	4.25	ppb
Cadmium	106-1	163.67	168.76	160.71	164.38	2.48	ppb
Cadmium	108-1	178.90	180.77	180.24	179.97	0.53	ppb
Cadmium	111-1	191.96	197.32	197.07	195.45	1.55	ppb
Calcium	43-1	30872.06	31632.19	31950.65	31484.97	1.76	ppb
Calcium	44-1	31161.33	31366.45	31996.63	31508.14	1.38	ppb
Chromium	52-2	419.21	410.13	399.96	409.76	2.35	ppb
Cobalt	59-2	212.47	210.41	203.51	208.80	2.25	ppb
Copper	63-2	410.73	404.73	394.23	403.23	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				98		%
Iron	56-2	3156.65	3135.06	3046.17	3112.63	1.88	ppb
Iron	57-2	3050.38	3107.39	2880.54	3012.77	3.92	ppb
Krypton	83-1						cps
Lead	206-1	953.26	980.15	977.71	970.37	1.53	ppb
Lead	207-1	947.57	959.50	964.36	957.14	0.90	ppb
Lead	208-1	953.16	967.84	974.11	965.04	1.11	ppb
Lithium	6-1				120		%
Magnesium	24-2	8350.39	8270.68	8082.76	8234.61	1.67	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	210.97	205.26	196.35	204.19	3.61	ppb
Molybdenum	94-1	270.54	276.15	275.95	274.21	1.16	ppb
Molybdenum	95-1	387.86	392.80	397.76	392.80	1.26	ppb
Molybdenum	96-1	383.29	388.89	394.45	388.88	1.43	ppb
Molybdenum	97-1	382.83	385.90	391.48	386.74	1.13	ppb
Molybdenum	98-1	392.16	405.37	409.06	402.20	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.65	527.80	512.63	523.69	1.85	ppb
Phosphorus	31-2	6136.47	6388.80	6625.26	6383.51	3.83	ppb
Potassium	39-2	12164.84	11813.87	11419.80	11799.50	3.16	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				92		%
Selenium	77-2	2092.64	2146.19	2090.51	2109.78	1.50	ppb
Selenium	78-2	2023.72	2097.67	2061.60	2060.99	1.79	ppb
Selenium	82-1	1978.39	1991.28	2006.93	1992.20	0.72	ppb
Silicon	28-1	3955.10	3965.99	4033.93	3985.01	1.07	ppb
Silver	109-1	70.48	72.40	72.62	71.83	1.64	ppb
Silver	107-1	69.67	72.21	72.18	71.35	2.04	ppb
Sodium	23-2	64181.43	63179.20	61868.06	63076.23	1.84	ppb
Strontium	86-1	303.28	309.27	309.28	307.28	1.13	ppb
Strontium	88-1	310.89	314.54	317.39	314.28	1.04	ppb
Sulfur	34-1	-352.52	-79.14	302.05	-43.20		ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	1884.55	1901.44	1927.44	1904.48	1.13	ppb
Thallium	205-1	1893.27	1931.08	1949.24	1924.53	1.48	ppb
Thorium	232-1	0.19	0.17	0.14	0.17	15.02	cps
Tin	118-1	690.69	714.34	708.38	704.47	1.75	ppb
Titanium	47-1	196.64	197.74	201.75	198.71	1.35	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	4.79	ppb
Vanadium	51-2	312.92	310.74	299.00	307.56	2.43	ppb
Yttrium	89-1				115		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	520.13	523.10	502.63	515.29	2.15	ppb
Zirconium	90-1	1.08	0.88	0.77	0.91	17.14	ppb
Zirconium	91-1	1.29	1.11	0.91	1.11	17.30	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1847.26	1921.14	1883.12	1883.84	1.96	ppb
Antimony	121-1	746.50	748.17	755.88	750.18	0.67	ppb
Arsenic	75-2	777.56	780.96	774.08	777.53	0.44	ppb
Barium	135-1	254.58	256.19	260.16	256.98	1.12	ppb
Barium	137-1	253.24	255.11	256.66	255.00	0.67	ppb
Beryllium	9-1	191.89	188.47	196.24	192.20	2.03	ppb
Bismuth	209-1				125		%
Bismuth	209-2				108		%
Boron	11-1	323.66	332.14	349.19	335.00	3.88	ppb
Boron	10-1	327.54	331.84	343.12	334.16	2.41	ppb
Cadmium	106-1	161.82	162.84	165.78	163.48	1.26	ppb
Cadmium	108-1	178.98	181.03	181.92	180.64	0.84	ppb
Cadmium	111-1	191.57	192.01	196.42	193.34	1.39	ppb
Calcium	43-1	31230.65	30961.13	32130.86	31440.88	1.95	ppb
Calcium	44-1	31196.02	31343.30	32276.85	31605.39	1.85	ppb
Chromium	52-2	393.36	404.96	407.60	401.97	1.88	ppb
Cobalt	59-2	201.46	208.98	212.79	207.74	2.78	ppb
Copper	63-2	386.46	400.60	407.04	398.03	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				98		%
Iron	56-2	3009.00	3079.28	3155.89	3081.39	2.38	ppb
Iron	57-2	2954.10	2996.40	3176.11	3042.20	3.87	ppb
Krypton	83-1						cps
Lead	206-1	960.90	961.08	985.79	969.25	1.48	ppb
Lead	207-1	946.14	942.55	964.00	950.90	1.21	ppb
Lead	208-1	959.52	954.67	973.77	962.65	1.03	ppb
Lithium	6-1				121		%
Magnesium	24-2	8099.16	8169.38	8426.79	8231.78	2.10	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	196.75	202.35	207.66	202.25	2.70	ppb
Molybdenum	94-1	271.88	275.73	277.42	275.01	1.03	ppb
Molybdenum	95-1	388.95	391.33	395.33	391.87	0.82	ppb
Molybdenum	96-1	377.63	385.74	380.54	381.30	1.08	ppb
Molybdenum	97-1	383.24	386.00	390.64	386.63	0.97	ppb
Molybdenum	98-1	396.72	400.38	407.30	401.47	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.90	520.95	533.33	520.06	2.64	ppb
Phosphorus	31-2	6212.82	6320.27	6573.02	6368.70	2.90	ppb
Potassium	39-2	11375.12	11875.24	11830.97	11693.78	2.37	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				89		%
Selenium	77-2	1935.05	2250.06	2097.42	2094.18	7.52	ppb
Selenium	78-2	1921.33	1956.20	1888.85	1922.13	1.75	ppb
Selenium	82-1	1969.59	1975.45	2002.56	1982.54	0.89	ppb
Silicon	28-1	3951.39	3967.29	4049.21	3989.30	1.32	ppb
Silver	109-1	71.14	71.55	73.44	72.04	1.70	ppb
Silver	107-1	70.02	70.78	71.65	70.82	1.16	ppb
Sodium	23-2	61125.59	63151.05	64405.90	62894.18	2.63	ppb
Strontium	86-1	306.57	305.85	308.11	306.84	0.38	ppb
Strontium	88-1	312.93	312.72	311.32	312.32	0.28	ppb
Sulfur	34-1	-88.22	-123.29	227.04	5.17	3729.19	ppb
Terbium	159-1				122		%
Terbium	159-2				112		%
Thallium	203-1	1899.24	1901.85	1910.35	1903.81	0.31	ppb
Thallium	205-1	1917.13	1913.86	1939.70	1923.56	0.73	ppb
Thorium	232-1	0.10	0.09	0.10	0.10	5.11	cps
Tin	118-1	690.64	690.56	705.76	695.65	1.26	ppb
Titanium	47-1	198.29	197.80	197.26	197.78	0.26	ppb
Uranium	238-1	0.10	0.10	0.11	0.10	4.80	ppb
Vanadium	51-2	296.26	306.25	309.82	304.11	2.31	ppb
Yttrium	89-1				112		%
Yttrium	89-2				99		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	492.25	505.19	519.74	505.73	2.72	ppb
Zirconium	90-1	0.43	0.41	0.38	0.41	7.01	ppb
Zirconium	91-1	0.70	0.52	0.52	0.58	17.75	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1898.57	1835.40	1868.19	1867.39	1.69	ppb
Antimony	121-1	754.51	839.32	754.85	782.89	6.24	ppb
Arsenic	75-2	799.88	803.70	810.54	804.71	0.67	ppb
Barium	135-1	258.07	290.66	260.62	269.78	6.72	ppb
Barium	137-1	259.24	288.65	256.87	268.26	6.60	ppb
Beryllium	9-1	194.21	210.97	193.54	199.57	4.95	ppb
Bismuth	209-1				123		%
Bismuth	209-2				108		%
Boron	11-1	336.88	374.24	347.48	352.87	5.46	ppb
Boron	10-1	335.59	382.35	343.07	353.67	7.10	ppb
Cadmium	106-1	158.89	189.34	171.50	173.24	8.83	ppb
Cadmium	108-1	176.00	205.78	181.26	187.68	8.47	ppb
Cadmium	111-1	195.06	218.09	194.10	202.42	6.71	ppb
Calcium	43-1	31521.79	35444.25	31551.24	32839.09	6.87	ppb
Calcium	44-1	31766.44	35382.20	31761.95	32970.20	6.34	ppb
Chromium	52-2	405.10	403.46	412.16	406.91	1.14	ppb
Cobalt	59-2	208.53	208.62	212.30	209.82	1.03	ppb
Copper	63-2	399.24	400.24	407.50	402.33	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	3102.88	3080.11	3132.63	3105.21	0.85	ppb
Iron	57-2	3045.98	3053.56	3135.63	3078.39	1.62	ppb
Krypton	83-1						cps
Lead	206-1	980.79	1083.68	969.03	1011.16	6.24	ppb
Lead	207-1	976.22	1068.31	961.17	1001.90	5.79	ppb
Lead	208-1	980.31	1073.37	965.79	1006.49	5.80	ppb
Lithium	6-1				117		%
Magnesium	24-2	8233.41	8047.70	8382.13	8221.08	2.04	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.23	199.69	209.90	203.94	2.61	ppb
Molybdenum	94-1	277.66	306.29	275.35	286.43	6.02	ppb
Molybdenum	95-1	397.55	438.59	390.89	409.01	6.32	ppb
Molybdenum	96-1	391.58	437.91	383.90	404.46	7.22	ppb
Molybdenum	97-1	393.06	434.61	387.04	404.90	6.40	ppb
Molybdenum	98-1	401.53	453.31	404.42	419.75	6.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.14	521.35	523.32	521.27	0.40	ppb
Phosphorus	31-2	6516.15	6706.78	6467.74	6563.56	1.93	ppb
Potassium	39-2	11609.90	11553.26	11776.24	11646.46	1.00	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	77-2	2087.77	2023.47	2251.71	2120.99	5.55	ppb
Selenium	78-2	2008.77	2054.26	2037.83	2033.62	1.13	ppb
Selenium	82-1	2001.36	2235.14	1992.22	2076.24	6.63	ppb
Silicon	28-1	3989.37	4475.04	4034.08	4166.17	6.44	ppb
Silver	109-1	72.10	80.61	72.20	74.97	6.52	ppb
Silver	107-1	71.27	81.07	71.43	74.59	7.53	ppb
Sodium	23-2	62623.00	62439.84	63505.70	62856.18	0.91	ppb
Strontium	86-1	308.86	345.01	307.88	320.58	6.60	ppb
Strontium	88-1	317.65	354.84	312.49	328.32	7.04	ppb
Sulfur	34-1	-21.76	1922.51	246.91	715.88	147.17	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	1942.93	2108.84	1909.74	1987.17	5.37	ppb
Thallium	205-1	1954.84	2124.78	1930.87	2003.50	5.28	ppb
Thorium	232-1	0.06	0.06	0.07	0.07	7.32	cps
Tin	118-1	700.29	779.40	703.66	727.79	6.15	ppb
Titanium	47-1	199.54	224.38	198.38	207.44	7.08	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	3.27	ppb
Vanadium	51-2	306.15	303.27	310.39	306.60	1.17	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	515.26	504.51	521.24	513.67	1.65	ppb
Zirconium	90-1	0.32	0.34	0.30	0.32	6.85	ppb
Zirconium	91-1	0.49	0.54	0.43	0.49	11.93	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.73	64.37	53.61	58.23	9.51	ppb
Antimony	121-1	2.10	2.05	2.00	2.05	2.62	ppb
Arsenic	75-2	0.61	0.78	0.93	0.77	20.76	ppb
Barium	135-1	62.01	60.44	59.33	60.59	2.22	ppb
Barium	137-1	60.23	60.10	59.40	59.91	0.75	ppb
Beryllium	9-1	0.26	0.25	0.26	0.26	4.09	ppb
Bismuth	209-1				127		%
Bismuth	209-2				110		%
Boron	11-1	78.94	79.06	77.65	78.55	0.99	ppb
Boron	10-1	79.05	74.86	79.32	77.74	3.22	ppb
Cadmium	106-1	-0.86	-1.25	-1.95	-1.35		ppb
Cadmium	108-1	0.08	0.05	0.01	0.05	72.62	ppb
Cadmium	111-1	-0.03	-0.02	-0.10	-0.05		ppb
Calcium	43-1	32561.07	31350.95	30976.18	31629.40	2.62	ppb
Calcium	44-1	32619.15	31632.92	31162.82	31804.96	2.34	ppb
Chromium	52-2	0.33	0.41	0.44	0.39	14.71	ppb
Cobalt	59-2	0.47	0.45	0.46	0.46	2.07	ppb
Copper	63-2	69.26	70.02	68.08	69.12	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				115		%
Indium	115-1				117		%
Indium	115-2				100		%
Iron	56-2	16.10	17.47	16.81	16.79	4.10	ppb
Iron	57-2	15.40	20.09	14.86	16.78	17.12	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.32	0.41	0.39	14.16	ppb
Lead	207-1	0.38	0.37	0.37	0.37	1.82	ppb
Lead	208-1	0.40	0.35	0.40	0.38	7.84	ppb
Lithium	6-1				122		%
Magnesium	24-2	6535.74	6567.82	6373.20	6492.25	1.61	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.04	5.87	5.87	6.26	10.79	ppb
Molybdenum	94-1	1.03	0.89	0.77	0.90	14.53	ppb
Molybdenum	95-1	1.20	1.11	1.19	1.17	4.40	ppb
Molybdenum	96-1	1.10	1.11	1.14	1.12	1.73	ppb
Molybdenum	97-1	1.17	1.17	0.94	1.09	11.79	ppb
Molybdenum	98-1	1.15	1.13	1.13	1.14	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.44	0.53	0.49	8.72	ppb
Phosphorus	31-2	175.88	344.62	443.82	321.44	42.14	ppb
Potassium	39-2	2053.77	2088.73	2029.05	2057.18	1.46	ppb
Rhodium	103-1				114		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				88		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-3.00	-3.00	-3.00		ppb
Selenium	82-1	0.15	0.32	0.78	0.42	78.11	ppb
Silicon	28-1	3161.71	3033.05	2981.79	3058.85	3.03	ppb
Silver	109-1	0.15	0.16	0.12	0.14	14.30	ppb
Silver	107-1	0.15	0.16	0.14	0.15	3.66	ppb
Sodium	23-2	62143.13	63125.71	61315.97	62194.94	1.46	ppb
Strontium	86-1	123.11	118.18	120.94	120.74	2.05	ppb
Strontium	88-1	128.08	122.83	125.84	125.58	2.10	ppb
Sulfur	34-1	635.50	334.33	14.41	328.08	94.67	ppb
Terbium	159-1				123		%
Terbium	159-2				112		%
Thallium	203-1	0.34	0.31	0.33	0.33	5.74	ppb
Thallium	205-1	0.34	0.32	0.34	0.33	4.27	ppb
Thorium	232-1	0.01	0.01	0.03	0.02	78.83	cps
Tin	118-1	0.52	0.46	0.45	0.48	8.51	ppb
Titanium	47-1	0.41	0.35	0.26	0.34	22.80	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	0.90	ppb
Vanadium	51-2	0.72	0.79	0.80	0.77	6.12	ppb
Yttrium	89-1				113		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	144.79	150.81	145.35	146.99	2.26	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	6.44	ppb
Zirconium	91-1	0.06	0.02	0.05	0.05	43.54	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52081.67	51504.89	49109.23	50898.60	3.10	ppb
Antimony	121-1	473.85	477.35	478.67	476.62	0.52	ppb
Arsenic	75-2	494.75	488.86	487.33	490.31	0.80	ppb
Barium	135-1	2466.95	2491.19	2469.49	2475.88	0.54	ppb
Barium	137-1	2447.36	2453.79	2466.51	2455.88	0.40	ppb
Beryllium	9-1	470.51	483.28	480.19	477.99	1.39	ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	11-1	467.82	491.22	498.49	485.84	3.30	ppb
Boron	10-1	481.81	491.72	499.50	491.01	1.81	ppb
Cadmium	106-1	469.10	478.86	473.96	473.97	1.03	ppb
Cadmium	108-1	474.53	478.35	474.99	475.96	0.44	ppb
Cadmium	111-1	465.63	474.55	468.97	469.71	0.96	ppb
Calcium	43-1	233924.23	237398.12	237833.26	236385.20	0.91	ppb
Calcium	44-1	233597.32	237897.53	235275.92	235590.26	0.92	ppb
Chromium	52-2	539.88	529.99	510.14	526.67	2.88	ppb
Cobalt	59-2	520.40	512.48	492.79	508.56	2.80	ppb
Copper	63-2	1004.45	992.42	949.57	982.15	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	131107.24	128856.72	123202.08	127722.01	3.19	ppb
Iron	57-2	128197.01	125960.43	120584.65	124914.03	3.13	ppb
Krypton	83-1						cps
Lead	206-1	504.67	509.77	510.63	508.36	0.63	ppb
Lead	207-1	503.82	511.49	509.06	508.12	0.77	ppb
Lead	208-1	504.21	509.99	506.93	507.04	0.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	252258.72	250311.19	240298.43	247622.78	2.59	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.94	1013.88	980.52	1006.45	2.30	ppb
Molybdenum	94-1	2490.12	2524.48	2499.11	2504.57	0.71	ppb
Molybdenum	95-1	2497.75	2537.07	2485.73	2506.85	1.07	ppb
Molybdenum	96-1	2469.19	2542.34	2486.17	2499.23	1.53	ppb
Molybdenum	97-1	2509.87	2535.79	2490.87	2512.18	0.90	ppb
Molybdenum	98-1	2487.18	2523.45	2508.60	2506.41	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.28	519.76	497.10	514.71	3.05	ppb
Phosphorus	31-2	10056.82	10623.48	10531.16	10403.82	2.92	ppb
Potassium	39-2	124439.18	122007.13	119341.01	121929.11	2.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	77-2	481.93	444.38	559.08	495.13	11.81	ppb
Selenium	78-2	494.62	510.47	473.75	492.95	3.74	ppb
Selenium	82-1	478.65	487.91	479.85	482.14	1.04	ppb
Silicon	28-1	570.16	591.40	593.66	585.07	2.22	ppb
Silver	109-1	469.09	474.11	468.42	470.54	0.66	ppb
Silver	107-1	464.89	469.83	471.46	468.73	0.73	ppb
Sodium	23-2	253551.99	249704.34	238742.75	247333.03	3.11	ppb
Strontium	86-1	477.93	489.21	480.72	482.62	1.22	ppb
Strontium	88-1	489.83	495.95	488.68	491.48	0.79	ppb
Sulfur	34-1	8425.83	8601.98	8284.75	8437.52	1.88	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	501.21	496.61	498.35	498.73	0.46	ppb
Thallium	205-1	497.03	497.76	491.34	495.38	0.71	ppb
Thorium	232-1	510.07	509.65	513.05	510.92	0.36	cps
Tin	118-1	494.56	492.36	495.36	494.09	0.31	ppb
Titanium	47-1	2500.82	2485.22	2518.40	2501.48	0.66	ppb
Uranium	238-1	524.95	529.47	520.57	525.00	0.85	ppb
Vanadium	51-2	523.10	515.26	491.16	509.84	3.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.85	994.67	964.77	993.76	2.87	ppb
Zirconium	90-1	496.17	503.69	494.90	498.25	0.95	ppb
Zirconium	91-1	489.32	494.64	485.63	489.86	0.92	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	1.42	-2.29	0.21	1051.47	ppb
Antimony	121-1	0.34	0.36	0.39	0.36	6.91	ppb
Arsenic	75-2	0.08	0.05	-0.05	0.03	229.00	ppb
Barium	135-1	0.00	-0.01	0.03	0.01	200.03	ppb
Barium	137-1	0.01	0.00	0.01	0.00	82.92	ppb
Beryllium	9-1	0.19	0.23	0.14	0.19	25.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	11-1	13.12	13.09	12.95	13.05	0.69	ppb
Boron	10-1	13.04	12.05	13.44	12.85	5.57	ppb
Cadmium	106-1	-1.23	-1.60	-2.64	-1.82		ppb
Cadmium	108-1	-0.15	-0.01	-0.11	-0.09		ppb
Cadmium	111-1	-0.06	-0.11	-0.19	-0.12		ppb
Calcium	43-1	-15.61	-18.31	-7.55	-13.82		ppb
Calcium	44-1	-8.55	-11.05	-9.00	-9.53		ppb
Chromium	52-2	-0.04	0.09	0.07	0.04	165.49	ppb
Cobalt	59-2	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-2	-0.09	0.00	-0.06	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	0.91	0.90	0.77	0.86	8.78	ppb
Iron	57-2	1.04	2.60	0.46	1.37	80.92	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.02	0.03	29.73	ppb
Lead	207-1	0.03	0.01	0.02	0.02	52.74	ppb
Lead	208-1	0.03	0.02	0.03	0.03	17.75	ppb
Lithium	6-1				114		%
Magnesium	24-2	-5.05	-5.25	3.53	-2.25		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.28	-0.25	-0.41	-0.32		ppb
Molybdenum	94-1	0.22	0.21	0.22	0.22	3.07	ppb
Molybdenum	95-1	0.21	0.19	0.16	0.19	14.02	ppb
Molybdenum	96-1	0.24	0.18	0.19	0.20	15.68	ppb
Molybdenum	97-1	0.25	0.21	0.20	0.22	12.23	ppb
Molybdenum	98-1	0.20	0.17	0.18	0.18	7.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.55	-0.50	-0.53	-0.53		ppb
Phosphorus	31-2	-11.92	71.29	-11.92	15.82	303.72	ppb
Potassium	39-2	11.25	8.91	-5.12	5.01	176.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				86		%
Selenium	77-2	4.81	-2.12	-2.12	0.19	2112.15	ppb
Selenium	78-2	-0.83	-3.00	-3.00	-2.28		ppb
Selenium	82-1	0.10	-0.37	1.53	0.42	237.35	ppb
Silicon	28-1	-17.21	-18.10	-18.66	-17.99		ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.71	ppb
Silver	107-1	0.05	0.04	0.04	0.04	17.31	ppb
Sodium	23-2	40.29	43.19	44.67	42.71	5.21	ppb
Strontium	86-1	-0.03	-0.07	-0.06	-0.05		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	58.53	ppb
Sulfur	34-1	-1263.28	-1224.40	-1295.72	-1261.13		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.31	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	8.50	ppb
Thorium	232-1	0.04	0.05	0.04	0.05	8.46	cps
Tin	118-1	0.08	0.10	0.10	0.09	10.73	ppb
Titanium	47-1	0.02	0.08	0.10	0.06	58.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.01	0.00	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.23	0.41	0.25	0.30	33.52	ppb
Zirconium	90-1	0.07	0.07	0.04	0.06	26.48	ppb
Zirconium	91-1	0.04	0.03	0.08	0.05	51.13	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.73	11.58	7.64	11.65	34.74	ppb
Antimony	121-1	0.27	0.29	0.35	0.30	14.25	ppb
Arsenic	75-2	0.21	0.05	0.21	0.15	60.74	ppb
Barium	135-1	17.09	17.31	17.23	17.21	0.66	ppb
Barium	137-1	17.33	16.77	17.49	17.20	2.20	ppb
Beryllium	9-1	0.10	0.09	0.15	0.12	25.79	ppb
Bismuth	209-1				128		%
Bismuth	209-2				110		%
Boron	11-1	19.07	18.13	18.79	18.66	2.60	ppb
Boron	10-1	19.68	18.46	20.62	19.59	5.53	ppb
Cadmium	106-1	-1.87	-1.54	-1.68	-1.70		ppb
Cadmium	108-1	-0.15	-0.05	-0.05	-0.08		ppb
Cadmium	111-1	-0.12	-0.08	-0.10	-0.10		ppb
Calcium	43-1	20644.36	20484.64	21093.73	20740.91	1.52	ppb
Calcium	44-1	20686.49	20754.43	21199.58	20880.16	1.33	ppb
Chromium	52-2	0.75	0.79	0.67	0.74	8.09	ppb
Cobalt	59-2	0.00	0.00	-0.03	-0.01		ppb
Copper	63-2	241.63	242.46	244.15	242.75	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				115		%
Indium	115-1				119		%
Indium	115-2				102		%
Iron	56-2	12.36	11.47	11.35	11.72	4.73	ppb
Iron	57-2	9.04	10.27	9.81	9.71	6.45	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.24	0.25	5.73	ppb
Lead	207-1	0.23	0.22	0.18	0.21	11.67	ppb
Lead	208-1	0.24	0.22	0.22	0.23	4.27	ppb
Lithium	6-1				124		%
Magnesium	24-2	12353.15	12420.07	12323.90	12365.71	0.40	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.12	-0.10	-0.06		ppb
Molybdenum	94-1	0.20	0.17	0.12	0.16	22.25	ppb
Molybdenum	95-1	0.10	0.12	0.13	0.12	10.43	ppb
Molybdenum	96-1	0.15	0.15	0.16	0.15	5.81	ppb
Molybdenum	97-1	0.15	0.13	0.12	0.13	10.75	ppb
Molybdenum	98-1	0.09	0.13	0.13	0.12	16.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.13	0.06	95.97	ppb
Phosphorus	31-2	218.12	248.24	196.87	221.08	11.67	ppb
Potassium	39-2	1768.86	1835.38	1816.72	1806.99	1.90	ppb
Rhodium	103-1				116		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				92		%
Selenium	77-2	4.29	-2.12	4.31	2.16	171.69	ppb
Selenium	78-2	-1.00	0.00	-3.00	-1.33		ppb
Selenium	82-1	0.94	2.07	1.66	1.56	36.70	ppb
Silicon	28-1	8615.97	8575.70	8768.90	8653.53	1.18	ppb
Silver	109-1	0.12	0.10	0.12	0.11	12.35	ppb
Silver	107-1	0.12	0.12	0.13	0.12	7.45	ppb
Sodium	23-2	22622.47	22457.20	22809.56	22629.74	0.78	ppb
Strontium	86-1	63.14	65.02	65.13	64.43	1.74	ppb
Strontium	88-1	64.49	65.28	65.80	65.19	1.02	ppb
Sulfur	34-1	4041.93	4251.10	4714.36	4335.80	7.94	ppb
Terbium	159-1				124		%
Terbium	159-2				114		%
Thallium	203-1	0.14	0.14	0.12	0.13	7.42	ppb
Thallium	205-1	0.13	0.12	0.13	0.12	4.91	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	9.83	cps
Tin	118-1	0.42	0.39	0.40	0.40	3.10	ppb
Titanium	47-1	0.40	0.28	0.52	0.40	31.01	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	1.54	ppb
Vanadium	51-2	0.18	0.30	0.24	0.24	24.21	ppb
Yttrium	89-1				116		%
Yttrium	89-2				100		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.23	20.61	22.32	21.72	4.42	ppb
Zirconium	90-1	0.07	0.04	0.05	0.05	22.36	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	59.71	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.53	8.85	12.56	11.64	21.19	ppb
Antimony	121-1	0.27	0.29	0.33	0.30	9.10	ppb
Arsenic	75-2	0.19	0.07	0.21	0.16	47.90	ppb
Barium	135-1	17.65	16.88	16.84	17.13	2.68	ppb
Barium	137-1	17.23	16.90	16.79	16.97	1.36	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	12.49	ppb
Bismuth	209-1				127		%
Bismuth	209-2				111		%
Boron	11-1	17.58	16.80	18.19	17.52	3.99	ppb
Boron	10-1	15.38	18.66	17.65	17.23	9.76	ppb
Cadmium	106-1	-0.93	-1.90	-1.13	-1.32		ppb
Cadmium	108-1	-0.08	-0.05	-0.12	-0.08		ppb
Cadmium	111-1	-0.04	-0.12	-0.04	-0.07		ppb
Calcium	43-1	21379.16	21343.59	21237.48	21320.08	0.35	ppb
Calcium	44-1	21629.56	21744.18	21451.51	21608.42	0.68	ppb
Chromium	52-2	0.82	0.78	0.81	0.80	2.40	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	214.61	214.50	216.01	215.04	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				116		%
Indium	115-1				118		%
Indium	115-2				101		%
Iron	56-2	5.41	4.70	4.90	5.01	7.29	ppb
Iron	57-2	5.99	3.87	7.59	5.82	32.02	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.57	0.53	0.54	4.56	ppb
Lead	207-1	0.54	0.49	0.51	0.51	5.53	ppb
Lead	208-1	0.53	0.52	0.52	0.52	1.06	ppb
Lithium	6-1				125		%
Magnesium	24-2	13165.35	12773.18	13072.37	13003.63	1.58	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.00	-0.10	0.00	3517.43	ppb
Molybdenum	94-1	0.16	0.13	0.17	0.16	14.06	ppb
Molybdenum	95-1	0.10	0.14	0.12	0.12	15.03	ppb
Molybdenum	96-1	0.14	0.11	0.10	0.12	16.61	ppb
Molybdenum	97-1	0.10	0.12	0.12	0.11	13.49	ppb
Molybdenum	98-1	0.14	0.11	0.10	0.12	18.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.10	9.92	10.27	10.10	1.77	ppb
Phosphorus	31-2	175.17	227.16	122.15	174.83	30.03	ppb
Potassium	39-2	1886.27	1763.72	1884.71	1844.90	3.81	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				89		%
Selenium	77-2	4.36	-2.12	-2.12	0.04	9546.83	ppb
Selenium	78-2	0.05	-1.98	-0.95	-0.96		ppb
Selenium	82-1	1.17	1.39	1.34	1.30	8.90	ppb
Silicon	28-1	8761.55	8727.40	8748.88	8745.94	0.20	ppb
Silver	109-1	0.12	0.14	0.14	0.13	10.51	ppb
Silver	107-1	0.13	0.13	0.12	0.13	4.13	ppb
Sodium	23-2	22349.38	22574.17	22473.64	22465.73	0.50	ppb
Strontium	86-1	65.17	66.32	66.10	65.87	0.92	ppb
Strontium	88-1	66.74	67.47	66.06	66.76	1.06	ppb
Sulfur	34-1	4338.58	4113.28	4381.43	4277.76	3.37	ppb
Terbium	159-1				124		%
Terbium	159-2				114		%
Thallium	203-1	0.09	0.09	0.07	0.08	14.31	ppb
Thallium	205-1	0.08	0.10	0.08	0.09	12.09	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	12.97	cps
Tin	118-1	0.11	0.15	0.17	0.14	21.23	ppb
Titanium	47-1	0.44	0.51	0.48	0.48	7.41	ppb
Uranium	238-1	0.13	0.14	0.14	0.14	6.47	ppb
Vanadium	51-2	0.19	0.21	0.19	0.20	7.07	ppb
Yttrium	89-1				114		%
Yttrium	89-2				98		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	33.33	30.99	32.74	32.35	3.76	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	1.50	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	58.08	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.19	11.29	9.85	9.44	22.02	ppb
Antimony	121-1	0.26	0.25	0.24	0.25	3.28	ppb
Arsenic	75-2	0.09	0.07	-0.02	0.05	128.18	ppb
Barium	135-1	1.59	1.44	1.51	1.51	5.05	ppb
Barium	137-1	1.55	1.39	1.47	1.47	5.14	ppb
Beryllium	9-1	0.12	0.09	0.13	0.11	14.28	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	11-1	11.59	10.14	10.38	10.71	7.28	ppb
Boron	10-1	9.81	9.74	10.73	10.09	5.50	ppb
Cadmium	106-1	-3.04	-2.54	-2.09	-2.55		ppb
Cadmium	108-1	-0.08	-0.08	-0.08	-0.08		ppb
Cadmium	111-1	-0.19	-0.16	-0.14	-0.16		ppb
Calcium	43-1	876.81	763.98	799.83	813.54	7.09	ppb
Calcium	44-1	880.16	783.89	791.75	818.60	6.53	ppb
Chromium	52-2	-0.03	0.07	0.01	0.02	284.56	ppb
Cobalt	59-2	-0.01	0.00	0.02	0.00	516.47	ppb
Copper	63-2	53.22	55.43	54.95	54.53	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				116		%
Indium	115-1				116		%
Indium	115-2				101		%
Iron	56-2	1.30	1.51	1.39	1.40	7.60	ppb
Iron	57-2	-0.29	-1.74	3.10	0.36	697.58	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.06	0.04	43.73	ppb
Lead	207-1	0.05	0.04	0.04	0.04	13.15	ppb
Lead	208-1	0.05	0.04	0.05	0.05	12.36	ppb
Lithium	6-1				122		%
Magnesium	24-2	438.80	450.00	429.63	439.48	2.32	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.59	0.89	0.59	0.69	24.80	ppb
Molybdenum	94-1	0.00	0.01	0.02	0.01	89.80	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	35.53	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	39.63	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	56.36	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	40.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	0.05	0.06	0.00		ppb
Phosphorus	31-2	-11.92	70.04	70.82	42.98	110.62	ppb
Potassium	39-2	280.18	295.77	276.66	284.20	3.58	ppb
Rhodium	103-1				114		%
Rhodium	103-2				110		%
Scandium	45-1				104		%
Scandium	45-2				88		%
Selenium	77-2	-2.12	4.46	-2.12	0.07	5201.25	ppb
Selenium	78-2	-1.00	-1.97	-0.92	-1.30		ppb
Selenium	82-1	-0.33	0.30	0.34	0.10	367.05	ppb
Silicon	28-1	401.47	358.43	363.56	374.49	6.28	ppb
Silver	109-1	0.13	0.12	0.13	0.12	4.77	ppb
Silver	107-1	0.13	0.11	0.14	0.13	14.72	ppb
Sodium	23-2	2407.91	2509.96	2534.41	2484.09	2.70	ppb
Strontium	86-1	3.70	3.15	3.34	3.40	8.25	ppb
Strontium	88-1	3.88	3.59	3.65	3.70	4.20	ppb
Sulfur	34-1	-2981.36	-3876.52	-3935.45	-3597.78		ppb
Terbium	159-1				122		%
Terbium	159-2				114		%
Thallium	203-1	0.04	0.03	0.06	0.05	31.23	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.91	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	19.32	cps
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.10	0.08	0.07	0.08	15.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.02	0.00	477.99	ppb
Yttrium	89-1				111		%
Yttrium	89-2				97		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	33.19	31.99	33.55	32.91	2.48	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	852.92	ppb
Zirconium	91-1	-0.02	-0.03	-0.04	-0.03		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.81	11.17	10.44	11.14	6.12	ppb
Antimony	121-1	0.16	0.14	0.17	0.15	8.53	ppb
Arsenic	75-2	0.17	0.13	0.10	0.13	25.72	ppb
Barium	135-1	11.92	12.26	11.87	12.02	1.74	ppb
Barium	137-1	11.63	11.80	12.18	11.87	2.38	ppb
Beryllium	9-1	0.09	0.12	0.12	0.11	14.37	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Boron	11-1	15.22	16.87	16.16	16.08	5.13	ppb
Boron	10-1	14.90	15.56	14.19	14.88	4.60	ppb
Cadmium	106-1	-1.81	-2.96	-1.87	-2.22		ppb
Cadmium	108-1	-0.08	-0.01	-0.04	-0.04		ppb
Cadmium	111-1	-0.12	-0.20	-0.13	-0.15		ppb
Calcium	43-1	6046.36	6102.38	6160.39	6103.04	0.93	ppb
Calcium	44-1	6305.05	6362.79	6230.60	6299.48	1.05	ppb
Chromium	52-2	-0.05	0.00	0.17	0.04	291.59	ppb
Cobalt	59-2	0.58	0.67	0.67	0.64	8.01	ppb
Copper	63-2	16.39	16.81	17.01	16.74	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	56-2	2.99	3.40	3.74	3.37	11.18	ppb
Iron	57-2	0.38	5.41	2.85	2.88	87.26	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.13	0.13	10.44	ppb
Lead	207-1	0.13	0.12	0.09	0.11	17.71	ppb
Lead	208-1	0.12	0.13	0.13	0.13	5.08	ppb
Lithium	6-1				116		%
Magnesium	24-2	1222.28	1274.16	1227.94	1241.46	2.29	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.44	0.88	0.82	0.71	33.53	ppb
Molybdenum	94-1	0.19	0.19	0.14	0.17	18.37	ppb
Molybdenum	95-1	0.17	0.19	0.17	0.18	6.46	ppb
Molybdenum	96-1	0.14	0.15	0.18	0.16	15.08	ppb
Molybdenum	97-1	0.13	0.15	0.12	0.13	13.70	ppb
Molybdenum	98-1	0.15	0.14	0.15	0.15	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.45	-0.45	-0.31	-0.41		ppb
Phosphorus	31-2	15.38	44.31	16.90	25.53	63.78	ppb
Potassium	39-2	363.92	404.14	382.33	383.47	5.25	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-1.93	-3.00	-2.64		ppb
Selenium	82-1	0.82	-0.38	0.22	0.22	271.37	ppb
Silicon	28-1	604.86	604.60	605.40	604.95	0.07	ppb
Silver	109-1	0.07	0.07	0.08	0.07	7.25	ppb
Silver	107-1	0.07	0.08	0.08	0.08	10.66	ppb
Sodium	23-2	11301.21	11545.30	11867.42	11571.31	2.45	ppb
Strontium	86-1	23.22	23.28	23.00	23.17	0.63	ppb
Strontium	88-1	23.44	23.72	23.74	23.63	0.71	ppb
Sulfur	34-1	-1641.10	-1633.54	-1660.84	-1645.16		ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.04	0.04	0.04	23.04	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	6.71	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.26	cps
Tin	118-1	-0.06	0.01	-0.04	-0.03		ppb
Titanium	47-1	0.15	0.11	0.13	0.13	16.21	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	2.93	ppb
Vanadium	51-2	0.18	0.10	0.11	0.13	35.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	59.22	61.74	63.08	61.35	3.20	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	17.30	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	54.29	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.42	10.64	13.57	13.21	18.24	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	9.15	ppb
Arsenic	75-2	0.13	0.32	0.14	0.19	56.99	ppb
Barium	135-1	12.22	11.70	11.90	11.94	2.20	ppb
Barium	137-1	11.88	11.81	12.22	11.97	1.82	ppb
Beryllium	9-1	0.08	0.01	0.10	0.06	78.26	ppb
Bismuth	209-1				120		%
Bismuth	209-2				101		%
Boron	11-1	15.83	15.88	15.78	15.83	0.29	ppb
Boron	10-1	15.31	14.87	15.93	15.37	3.47	ppb
Cadmium	106-1	-2.70	-2.50	-2.45	-2.55		ppb
Cadmium	108-1	0.03	0.06	-0.11	-0.01		ppb
Cadmium	111-1	-0.19	-0.18	-0.17	-0.18		ppb
Calcium	43-1	6130.85	6232.71	5919.27	6094.28	2.62	ppb
Calcium	44-1	6290.02	6244.35	6274.47	6269.61	0.37	ppb
Chromium	52-2	0.08	0.12	0.06	0.08	40.91	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	16.18	ppb
Copper	63-2	16.91	17.27	18.29	17.49	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	56-2	3.57	4.21	4.15	3.98	8.84	ppb
Iron	57-2	2.67	3.78	0.72	2.39	64.93	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.15	0.16	0.15	13.57	ppb
Lead	207-1	0.13	0.11	0.14	0.13	9.69	ppb
Lead	208-1	0.13	0.13	0.14	0.13	5.12	ppb
Lithium	6-1				114		%
Magnesium	24-2	1239.24	1267.72	1303.21	1270.06	2.52	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.77	0.78	0.63	0.73	11.82	ppb
Molybdenum	94-1	0.15	0.10	0.19	0.15	29.17	ppb
Molybdenum	95-1	0.16	0.20	0.13	0.17	19.74	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	5.20	ppb
Molybdenum	97-1	0.13	0.18	0.18	0.16	17.22	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.32	-0.43	-0.39		ppb
Phosphorus	31-2	44.15	16.19	76.48	45.61	66.16	ppb
Potassium	39-2	397.29	408.76	382.54	396.20	3.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				84		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-3.00	-1.87	-2.63		ppb
Selenium	82-1	-0.10	0.69	1.06	0.55	107.52	ppb
Silicon	28-1	599.80	602.33	598.77	600.30	0.30	ppb
Silver	109-1	0.05	0.07	0.05	0.05	22.92	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.73	ppb
Sodium	23-2	11697.39	11669.29	12249.98	11872.22	2.76	ppb
Strontium	86-1	23.17	23.50	23.52	23.40	0.83	ppb
Strontium	88-1	23.41	23.33	23.49	23.41	0.34	ppb
Sulfur	34-1	-1651.65	-1482.40	-1484.40	-1539.48		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.04	0.03	23.49	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	5.32	ppb
Thorium	232-1	0.02	0.01	0.01	0.02	16.94	cps
Tin	118-1	-0.02	-0.04	-0.05	-0.04		ppb
Titanium	47-1	0.06	0.02	0.02	0.03	71.24	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	24.43	ppb
Vanadium	51-2	0.17	0.14	0.19	0.17	14.34	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	60.60	61.07	66.58	62.75	5.30	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	18.27	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	234.34	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.71	2.11	2.04	0.82	268.02	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	4.91	ppb
Arsenic	75-2	0.08	0.08	-0.02	0.04	126.98	ppb
Barium	135-1	2.61	2.63	2.39	2.54	5.29	ppb
Barium	137-1	2.23	2.52	2.32	2.36	6.26	ppb
Beryllium	9-1	0.08	0.08	0.04	0.07	31.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	11-1	7.79	8.61	7.51	7.97	7.21	ppb
Boron	10-1	8.90	8.19	7.60	8.23	7.91	ppb
Cadmium	106-1	-2.40	-2.25	-0.46	-1.71		ppb
Cadmium	108-1	-0.11	0.01	0.03	-0.03		ppb
Cadmium	111-1	-0.17	-0.16	-0.03	-0.12		ppb
Calcium	43-1	1261.99	1253.85	1196.73	1237.52	2.87	ppb
Calcium	44-1	1187.03	1269.47	1193.55	1216.69	3.77	ppb
Chromium	52-2	-0.05	0.04	-0.05	-0.02		ppb
Cobalt	59-2	0.12	0.09	0.10	0.10	15.19	ppb
Copper	63-2	3.37	3.36	3.20	3.31	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	0.97	0.79	1.22	0.99	21.79	ppb
Iron	57-2	0.04	1.13	-0.58	0.20	438.32	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	16.66	ppb
Lead	207-1	0.03	0.05	0.03	0.04	27.49	ppb
Lead	208-1	0.05	0.06	0.05	0.05	5.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	225.94	235.71	226.77	229.48	2.36	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.03	-0.06	0.13	196.50	ppb
Molybdenum	94-1	0.03	0.04	0.08	0.05	46.87	ppb
Molybdenum	95-1	0.05	0.04	0.09	0.06	45.01	ppb
Molybdenum	96-1	0.08	0.04	0.01	0.04	75.81	ppb
Molybdenum	97-1	0.06	0.04	0.03	0.04	35.88	ppb
Molybdenum	98-1	0.02	0.04	0.05	0.04	31.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.48	-0.45	-0.45		ppb
Phosphorus	31-2	45.46	45.19	16.27	35.64	47.07	ppb
Potassium	39-2	63.27	74.76	79.69	72.58	11.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	-2.12	-2.12	4.79	0.18	2182.79	ppb
Selenium	78-2	-0.86	-3.00	-3.00	-2.29		ppb
Selenium	82-1	0.07	-0.25	-0.33	-0.17		ppb
Silicon	28-1	123.47	131.89	119.75	125.04	4.97	ppb
Silver	109-1	0.04	0.03	0.03	0.04	15.00	ppb
Silver	107-1	0.03	0.03	0.04	0.04	9.37	ppb
Sodium	23-2	2294.44	2244.00	2247.03	2261.82	1.25	ppb
Strontium	86-1	4.57	5.01	4.74	4.77	4.67	ppb
Strontium	88-1	4.55	4.93	4.61	4.70	4.35	ppb
Sulfur	34-1	-1554.78	-1040.83	-1687.85	-1427.82		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.01	0.03	0.03	51.38	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.95	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.48	cps
Tin	118-1	-0.05	-0.01	-0.09	-0.05		ppb
Titanium	47-1	0.09	0.09	0.08	0.08	7.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.87	ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	49.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.33	12.15	11.83	11.77	3.50	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	35.54	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	6346.43	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	358.27	393.59	404.17	385.35	6.24	ppb
Antimony	121-1	155.12	156.05	165.00	158.72	3.43	ppb
Arsenic	75-2	153.54	152.33	152.55	152.81	0.42	ppb
Barium	135-1	50.55	50.82	54.55	51.97	4.30	ppb
Barium	137-1	51.03	51.09	54.30	52.14	3.59	ppb
Beryllium	9-1	37.26	38.72	40.00	38.66	3.54	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	11-1	63.64	68.27	72.67	68.19	6.62	ppb
Boron	10-1	66.29	72.12	77.11	71.84	7.54	ppb
Cadmium	106-1	33.80	30.45	33.54	32.60	5.72	ppb
Cadmium	108-1	34.67	36.05	37.76	36.16	4.27	ppb
Cadmium	111-1	38.54	38.43	41.45	39.47	4.35	ppb
Calcium	43-1	6287.62	6134.83	6713.10	6378.51	4.70	ppb
Calcium	44-1	6426.74	6261.78	6802.37	6496.96	4.26	ppb
Chromium	52-2	77.25	80.68	81.34	79.76	2.76	ppb
Cobalt	59-2	40.03	41.34	41.82	41.06	2.26	ppb
Copper	63-2	77.97	80.17	81.21	79.79	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	599.99	615.45	620.78	612.07	1.76	ppb
Iron	57-2	634.92	645.62	624.04	634.86	1.70	ppb
Krypton	83-1						cps
Lead	206-1	189.61	188.31	206.56	194.83	5.23	ppb
Lead	207-1	184.82	182.22	198.70	188.58	4.70	ppb
Lead	208-1	192.93	190.29	208.05	197.09	4.86	ppb
Lithium	6-1				111		%
Magnesium	24-2	1552.16	1652.09	1664.91	1623.05	3.80	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.42	38.70	40.05	39.39	1.72	ppb
Molybdenum	94-1	55.05	54.18	58.66	55.96	4.24	ppb
Molybdenum	95-1	77.61	77.03	82.86	79.17	4.05	ppb
Molybdenum	96-1	74.32	74.00	78.23	75.52	3.11	ppb
Molybdenum	97-1	76.86	74.93	80.87	77.55	3.91	ppb
Molybdenum	98-1	77.42	76.69	82.93	79.01	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.44	102.21	106.16	103.27	2.45	ppb
Phosphorus	31-2	1031.47	1349.69	1814.45	1398.54	28.16	ppb
Potassium	39-2	2212.42	2247.26	2374.35	2278.01	3.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	77-2	401.06	394.71	361.78	385.85	5.46	ppb
Selenium	78-2	390.79	373.05	380.84	381.56	2.33	ppb
Selenium	82-1	388.20	385.32	419.64	397.72	4.79	ppb
Silicon	28-1	788.29	774.03	858.73	807.01	5.62	ppb
Silver	109-1	14.35	14.43	15.31	14.70	3.61	ppb
Silver	107-1	14.33	14.06	15.10	14.50	3.73	ppb
Sodium	23-2	11762.03	12082.45	12005.44	11949.97	1.40	ppb
Strontium	86-1	59.96	60.18	64.25	61.47	3.93	ppb
Strontium	88-1	61.52	61.85	65.23	62.87	3.27	ppb
Sulfur	34-1	-1286.49	-1536.04	-386.76	-1069.76		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	392.71	381.49	418.96	397.72	4.83	ppb
Thallium	205-1	385.83	379.69	419.41	394.98	5.41	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.68	cps
Tin	118-1	135.17	134.94	144.13	138.08	3.80	ppb
Titanium	47-1	39.89	38.48	42.34	40.24	4.85	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.94	ppb
Vanadium	51-2	57.91	60.01	61.23	59.72	2.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.89	100.10	104.15	101.71	2.11	ppb
Zirconium	90-1	0.65	0.51	0.52	0.56	14.03	ppb
Zirconium	91-1	0.60	0.54	0.60	0.58	5.92	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	383.94	384.36	366.68	378.33	2.67	ppb
Antimony	121-1	159.20	171.46	165.03	165.23	3.71	ppb
Arsenic	75-2	153.18	161.44	163.17	159.26	3.35	ppb
Barium	135-1	53.61	56.67	53.46	54.58	3.32	ppb
Barium	137-1	52.84	56.63	53.47	54.31	3.73	ppb
Beryllium	9-1	38.56	41.26	39.77	39.86	3.40	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	11-1	69.04	72.88	74.53	72.15	3.90	ppb
Boron	10-1	69.65	78.04	71.15	72.94	6.13	ppb
Cadmium	106-1	34.25	31.97	32.16	32.79	3.85	ppb
Cadmium	108-1	36.86	37.84	36.25	36.99	2.17	ppb
Cadmium	111-1	40.55	42.96	40.77	41.43	3.22	ppb
Calcium	43-1	6407.23	6942.57	6819.66	6723.15	4.17	ppb
Calcium	44-1	6463.14	6973.21	7068.44	6834.93	4.76	ppb
Chromium	52-2	80.59	83.44	83.99	82.67	2.20	ppb
Cobalt	59-2	40.93	42.84	42.90	42.22	2.65	ppb
Copper	63-2	79.72	83.05	83.61	82.12	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	621.44	638.37	645.51	635.11	1.95	ppb
Iron	57-2	608.33	646.32	626.65	627.10	3.03	ppb
Krypton	83-1						cps
Lead	206-1	194.01	209.54	206.12	203.23	4.02	ppb
Lead	207-1	188.00	204.32	198.79	197.03	4.21	ppb
Lead	208-1	196.79	212.37	209.40	206.18	4.01	ppb
Lithium	6-1				110		%
Magnesium	24-2	1621.23	1687.79	1716.82	1675.28	2.93	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.51	41.15	43.46	41.71	3.71	ppb
Molybdenum	94-1	55.53	59.96	58.11	57.87	3.84	ppb
Molybdenum	95-1	80.11	85.28	81.41	82.27	3.27	ppb
Molybdenum	96-1	75.97	81.46	78.76	78.73	3.49	ppb
Molybdenum	97-1	79.65	85.69	81.22	82.19	3.81	ppb
Molybdenum	98-1	79.51	84.96	81.88	82.12	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.41	107.89	106.66	106.32	1.66	ppb
Phosphorus	31-2	1039.80	1416.44	1284.42	1246.89	15.33	ppb
Potassium	39-2	2361.55	2396.40	2434.74	2397.56	1.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	347.27	437.72	411.96	398.98	11.68	ppb
Selenium	78-2	399.97	397.12	376.16	391.09	3.33	ppb
Selenium	82-1	397.80	423.90	406.78	409.49	3.24	ppb
Silicon	28-1	791.21	869.48	864.97	841.89	5.22	ppb
Silver	109-1	14.70	15.64	15.11	15.15	3.11	ppb
Silver	107-1	14.62	15.67	14.84	15.04	3.70	ppb
Sodium	23-2	12124.62	12557.78	12692.39	12458.26	2.38	ppb
Strontium	86-1	62.67	66.53	63.93	64.38	3.06	ppb
Strontium	88-1	62.81	67.36	64.85	65.01	3.51	ppb
Sulfur	34-1	-1656.33	-378.99	-493.38	-842.90		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	394.69	428.79	423.34	415.61	4.41	ppb
Thallium	205-1	394.14	427.10	414.81	412.02	4.04	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	29.42	cps
Tin	118-1	141.54	150.85	143.50	145.30	3.38	ppb
Titanium	47-1	40.49	42.82	43.64	42.32	3.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.17	ppb
Vanadium	51-2	58.79	61.10	62.26	60.72	2.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	99.97	101.52	106.27	102.59	3.20	ppb
Zirconium	90-1	0.25	0.25	0.22	0.24	7.97	ppb
Zirconium	91-1	0.27	0.38	0.29	0.31	19.47	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	388.58	372.27	380.49	380.45	2.14	ppb
Antimony	121-1	161.20	159.11	158.26	159.52	0.95	ppb
Arsenic	75-2	158.55	158.02	156.34	157.63	0.73	ppb
Barium	135-1	52.47	53.09	51.50	52.35	1.53	ppb
Barium	137-1	52.75	51.83	51.79	52.12	1.03	ppb
Beryllium	9-1	39.23	38.97	37.61	38.60	2.25	ppb
Bismuth	209-1				118		%
Bismuth	209-2				103		%
Boron	11-1	70.86	72.03	69.95	70.95	1.47	ppb
Boron	10-1	68.56	74.76	72.82	72.05	4.40	ppb
Cadmium	106-1	33.32	33.75	33.68	33.58	0.69	ppb
Cadmium	108-1	36.81	37.05	34.43	36.10	4.01	ppb
Cadmium	111-1	40.05	39.88	39.42	39.78	0.82	ppb
Calcium	43-1	6679.26	6260.37	6362.27	6433.97	3.40	ppb
Calcium	44-1	6756.80	6486.54	6512.56	6585.30	2.26	ppb
Chromium	52-2	80.89	81.39	82.73	81.67	1.17	ppb
Cobalt	59-2	42.20	42.07	43.59	42.62	1.98	ppb
Copper	63-2	80.63	80.91	82.24	81.26	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				94		%
Iron	56-2	619.91	625.21	637.08	627.40	1.40	ppb
Iron	57-2	609.43	598.59	632.57	613.53	2.83	ppb
Krypton	83-1						cps
Lead	206-1	197.86	194.88	193.08	195.28	1.24	ppb
Lead	207-1	193.74	188.80	188.74	190.43	1.51	ppb
Lead	208-1	201.13	196.65	196.96	198.24	1.26	ppb
Lithium	6-1				113		%
Magnesium	24-2	1598.61	1666.20	1709.10	1657.97	3.36	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.37	39.98	41.08	40.47	1.38	ppb
Molybdenum	94-1	56.50	55.66	54.44	55.53	1.87	ppb
Molybdenum	95-1	80.82	78.15	78.18	79.05	1.94	ppb
Molybdenum	96-1	77.49	75.63	74.80	75.97	1.81	ppb
Molybdenum	97-1	80.37	77.48	77.28	78.38	2.21	ppb
Molybdenum	98-1	80.91	79.19	77.94	79.35	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.84	105.68	109.13	106.22	2.53	ppb
Phosphorus	31-2	1446.48	1179.00	1205.10	1276.86	11.55	ppb
Potassium	39-2	2378.68	2333.65	2372.08	2361.47	1.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	404.68	383.83	390.97	393.16	2.69	ppb
Selenium	78-2	466.67	417.86	424.65	436.39	6.06	ppb
Selenium	82-1	401.81	390.66	388.65	393.71	1.80	ppb
Silicon	28-1	832.39	804.01	797.49	811.30	2.29	ppb
Silver	109-1	14.49	14.70	14.64	14.61	0.74	ppb
Silver	107-1	14.72	14.52	14.27	14.50	1.55	ppb
Sodium	23-2	12118.93	12188.88	12502.58	12270.13	1.67	ppb
Strontium	86-1	64.10	61.59	60.17	61.95	3.21	ppb
Strontium	88-1	64.02	62.10	61.71	62.61	1.98	ppb
Sulfur	34-1	-860.95	-1595.34	-1599.50	-1351.93		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	406.25	398.73	396.42	400.47	1.28	ppb
Thallium	205-1	401.61	397.30	391.50	396.80	1.28	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	19.49	cps
Tin	118-1	140.04	139.43	137.59	139.02	0.92	ppb
Titanium	47-1	41.33	38.19	40.35	39.96	4.02	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	22.06	ppb
Vanadium	51-2	60.12	61.33	62.93	61.46	2.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.45	104.25	100.32	101.67	2.20	ppb
Zirconium	90-1	0.17	0.19	0.17	0.18	7.24	ppb
Zirconium	91-1	0.26	0.16	0.18	0.20	27.65	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.54	10.84	6.64	9.01	23.89	ppb
Antimony	121-1	0.40	0.38	0.34	0.38	7.90	ppb
Arsenic	75-2	0.16	0.15	0.03	0.11	64.34	ppb
Barium	135-1	11.38	11.68	11.54	11.54	1.31	ppb
Barium	137-1	11.56	11.58	11.98	11.70	2.03	ppb
Beryllium	9-1	0.08	0.10	0.13	0.10	27.93	ppb
Bismuth	209-1				118		%
Bismuth	209-2				100		%
Boron	11-1	18.15	18.58	18.38	18.37	1.17	ppb
Boron	10-1	20.37	18.26	18.78	19.14	5.73	ppb
Cadmium	106-1	-2.41	-1.97	-2.02	-2.13		ppb
Cadmium	108-1	-0.15	-0.01	-0.08	-0.08		ppb
Cadmium	111-1	-0.16	-0.13	-0.13	-0.14		ppb
Calcium	43-1	6153.26	6188.60	6120.52	6154.13	0.55	ppb
Calcium	44-1	6274.44	6247.81	6267.22	6263.16	0.22	ppb
Chromium	52-2	0.20	0.17	0.07	0.15	45.40	ppb
Cobalt	59-2	0.06	0.08	0.04	0.06	29.30	ppb
Copper	63-2	14.03	12.87	13.34	13.41	4.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	56-2	3.96	3.22	3.09	3.42	13.68	ppb
Iron	57-2	2.09	0.02	0.08	0.73	161.81	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.11	0.10	11.50	ppb
Lead	207-1	0.11	0.08	0.09	0.10	16.98	ppb
Lead	208-1	0.11	0.10	0.10	0.10	6.51	ppb
Lithium	6-1				113		%
Magnesium	24-2	1363.57	1216.62	1267.42	1282.54	5.82	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.93	1.11	0.73	0.92	20.63	ppb
Molybdenum	94-1	0.16	0.20	0.21	0.19	13.44	ppb
Molybdenum	95-1	0.29	0.22	0.20	0.24	20.89	ppb
Molybdenum	96-1	0.19	0.19	0.23	0.20	12.74	ppb
Molybdenum	97-1	0.24	0.19	0.21	0.21	11.85	ppb
Molybdenum	98-1	0.21	0.22	0.23	0.22	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.36	-0.35	-0.35	-0.35		ppb
Phosphorus	31-2	79.98	102.16	17.07	66.40	66.47	ppb
Potassium	39-2	415.26	417.02	397.74	410.01	2.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				81		%
Selenium	77-2	5.16	-2.12	-2.12	0.30	1380.20	ppb
Selenium	78-2	-0.72	-0.84	-3.00	-1.52		ppb
Selenium	82-1	1.04	0.48	0.49	0.67	48.10	ppb
Silicon	28-1	590.69	594.81	597.34	594.28	0.56	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.93	ppb
Silver	107-1	0.05	0.02	0.03	0.03	29.77	ppb
Sodium	23-2	12569.04	11564.78	11764.69	11966.17	4.44	ppb
Strontium	86-1	23.28	23.94	23.07	23.43	1.94	ppb
Strontium	88-1	23.72	23.76	23.51	23.66	0.55	ppb
Sulfur	34-1	-1151.80	-1490.35	-1055.69	-1232.61		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.11	0.09	0.09	11.81	ppb
Thallium	205-1	0.09	0.09	0.07	0.09	11.15	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	17.59	cps
Tin	118-1	0.14	0.11	0.10	0.12	17.43	ppb
Titanium	47-1	0.11	0.06	0.07	0.08	31.00	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	26.64	ppb
Vanadium	51-2	0.11	0.18	0.13	0.14	24.67	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.18	29.05	28.43	28.89	1.39	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	242.09	ppb
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51905.37	52060.66	51927.43	51964.48	0.16	ppb
Antimony	121-1	492.57	499.87	482.36	491.60	1.79	ppb
Arsenic	75-2	487.37	494.26	499.90	493.84	1.27	ppb
Barium	135-1	2485.85	2495.13	2445.88	2475.62	1.06	ppb
Barium	137-1	2459.67	2487.01	2419.42	2455.37	1.38	ppb
Beryllium	9-1	494.19	487.89	479.91	487.33	1.47	ppb
Bismuth	209-1				115		%
Bismuth	209-2				98		%
Boron	11-1	472.99	477.06	479.44	476.50	0.68	ppb
Boron	10-1	476.81	477.96	483.29	479.35	0.72	ppb
Cadmium	106-1	478.55	477.18	470.52	475.42	0.90	ppb
Cadmium	108-1	477.17	486.72	462.90	475.60	2.52	ppb
Cadmium	111-1	473.73	472.30	462.16	469.40	1.34	ppb
Calcium	43-1	238879.55	239303.73	235234.61	237805.96	0.94	ppb
Calcium	44-1	235770.55	235899.61	233494.10	235054.75	0.58	ppb
Chromium	52-2	533.86	530.18	532.48	532.17	0.35	ppb
Cobalt	59-2	516.39	514.01	510.60	513.67	0.57	ppb
Copper	63-2	992.63	992.35	989.36	991.45	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	130414.31	129802.31	129711.62	129976.08	0.29	ppb
Iron	57-2	126473.27	126467.91	126521.51	126487.57	0.02	ppb
Krypton	83-1						cps
Lead	206-1	510.83	512.63	506.60	510.02	0.61	ppb
Lead	207-1	513.08	505.15	497.50	505.24	1.54	ppb
Lead	208-1	512.83	509.31	503.91	508.68	0.88	ppb
Lithium	6-1				113		%
Magnesium	24-2	252946.90	251372.39	251773.27	252030.85	0.32	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.49	1021.87	1019.42	1022.26	0.30	ppb
Molybdenum	94-1	2537.29	2521.81	2499.30	2519.47	0.76	ppb
Molybdenum	95-1	2498.17	2523.81	2483.72	2501.90	0.81	ppb
Molybdenum	96-1	2520.21	2541.84	2488.39	2516.81	1.07	ppb
Molybdenum	97-1	2525.09	2512.90	2476.04	2504.68	1.02	ppb
Molybdenum	98-1	2493.98	2529.90	2473.87	2499.25	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.33	520.62	519.85	520.26	0.08	ppb
Phosphorus	31-2	9968.87	9847.21	10118.95	9978.34	1.36	ppb
Potassium	39-2	126134.49	124460.23	122240.88	124278.53	1.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	467.53	434.39	481.22	461.05	5.22	ppb
Selenium	78-2	481.52	494.99	525.71	500.74	4.52	ppb
Selenium	82-1	484.87	486.49	483.11	484.82	0.35	ppb
Silicon	28-1	558.11	579.38	571.40	569.63	1.89	ppb
Silver	109-1	471.82	480.54	466.42	472.93	1.51	ppb
Silver	107-1	471.69	479.47	462.71	471.29	1.78	ppb
Sodium	23-2	254542.41	251541.45	252338.24	252807.36	0.61	ppb
Strontium	86-1	480.27	484.94	482.08	482.43	0.49	ppb
Strontium	88-1	496.47	495.34	493.84	495.22	0.27	ppb
Sulfur	34-1	8392.44	8747.91	7916.99	8352.44	4.99	ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	506.97	502.59	500.20	503.25	0.68	ppb
Thallium	205-1	502.38	499.79	493.43	498.53	0.92	ppb
Thorium	232-1	515.50	516.71	514.98	515.73	0.17	cps
Tin	118-1	494.15	502.02	481.88	492.68	2.06	ppb
Titanium	47-1	2535.07	2532.10	2488.32	2518.50	1.04	ppb
Uranium	238-1	524.47	521.20	521.22	522.29	0.36	ppb
Vanadium	51-2	515.50	516.48	513.83	515.27	0.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	997.70	1005.38	1002.64	1001.91	0.39	ppb
Zirconium	90-1	503.33	501.63	496.86	500.60	0.67	ppb
Zirconium	91-1	490.03	494.11	485.96	490.03	0.83	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.04	-1.73	-1.16	-0.28		ppb
Antimony	121-1	0.43	0.45	0.51	0.46	9.16	ppb
Arsenic	75-2	0.03	-0.05	-0.02	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	20.90	ppb
Barium	137-1	0.02	0.02	0.01	0.02	42.76	ppb
Beryllium	9-1	0.24	0.26	0.16	0.22	22.34	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	11-1	11.56	11.91	11.42	11.63	2.20	ppb
Boron	10-1	12.20	11.83	11.53	11.85	2.87	ppb
Cadmium	106-1	-2.32	-2.12	-1.29	-1.91		ppb
Cadmium	108-1	-0.04	-0.11	0.00	-0.05		ppb
Cadmium	111-1	-0.16	-0.13	-0.07	-0.12		ppb
Calcium	43-1	-10.59	-10.29	-11.08	-10.65		ppb
Calcium	44-1	-9.29	-10.82	-9.63	-9.91		ppb
Chromium	52-2	0.02	-0.12	0.04	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.18	-0.05	-0.14	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	1.51	1.23	1.38	1.37	9.97	ppb
Iron	57-2	0.52	-1.11	0.04	-0.18		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	16.03	ppb
Lead	207-1	0.03	0.03	0.06	0.04	47.82	ppb
Lead	208-1	0.03	0.03	0.04	0.04	18.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	-3.06	-3.75	0.82	-2.00		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.32	-0.22	-0.43	-0.33		ppb
Molybdenum	94-1	0.42	0.39	0.25	0.35	25.16	ppb
Molybdenum	95-1	0.37	0.37	0.37	0.37	0.52	ppb
Molybdenum	96-1	0.38	0.39	0.38	0.38	1.22	ppb
Molybdenum	97-1	0.33	0.30	0.33	0.32	4.60	ppb
Molybdenum	98-1	0.32	0.33	0.31	0.32	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.65	-0.39	-0.55		ppb
Phosphorus	31-2	-11.92	16.38	-11.92	-2.48		ppb
Potassium	39-2	-2.74	11.43	2.14	3.61	199.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				84		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	0.20	-1.92	-3.00	-1.57		ppb
Selenium	82-1	0.68	0.22	-0.27	0.21	225.53	ppb
Silicon	28-1	-20.75	-21.17	-14.72	-18.88		ppb
Silver	109-1	0.03	0.03	0.02	0.03	9.16	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.00	ppb
Sodium	23-2	31.03	30.27	29.02	30.10	3.37	ppb
Strontium	86-1	0.02	0.00	0.00	0.01	198.77	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	57.70	ppb
Sulfur	34-1	-1368.33	-1548.86	-791.00	-1236.06		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.11	0.11	6.95	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	2.42	ppb
Thorium	232-1	0.11	0.11	0.10	0.11	6.05	cps
Tin	118-1	0.09	0.13	0.13	0.12	22.82	ppb
Titanium	47-1	0.02	0.01	0.02	0.02	32.30	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	35.80	ppb
Vanadium	51-2	0.01	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	-0.06	0.46	0.17	160.38	ppb
Zirconium	90-1	0.10	0.10	0.13	0.11	12.67	ppb
Zirconium	91-1	0.09	0.13	0.09	0.11	21.29	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	-0.68	0.92	1.04	171.68	ppb
Antimony	121-1	0.20	0.21	0.21	0.21	4.64	ppb
Arsenic	75-2	0.10	0.05	0.08	0.08	31.82	ppb
Barium	135-1	3.40	3.42	3.34	3.39	1.26	ppb
Barium	137-1	3.22	3.47	3.44	3.38	3.92	ppb
Beryllium	9-1	0.18	0.14	0.08	0.13	37.94	ppb
Bismuth	209-1				120		%
Bismuth	209-2				105		%
Boron	11-1	9.80	9.69	9.90	9.79	1.06	ppb
Boron	10-1	11.81	9.85	10.17	10.61	9.92	ppb
Cadmium	106-1	-2.02	-1.58	-1.38	-1.66		ppb
Cadmium	108-1	-0.11	-0.15	-0.04	-0.10		ppb
Cadmium	111-1	-0.11	-0.10	-0.08	-0.10		ppb
Calcium	43-1	3998.76	4137.38	3983.93	4040.02	2.10	ppb
Calcium	44-1	4007.61	4075.55	4033.59	4038.92	0.85	ppb
Chromium	52-2	0.18	0.11	0.09	0.12	37.34	ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	47.06	47.80	47.80	47.55	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	3.45	3.22	3.54	3.40	4.94	ppb
Iron	57-2	4.04	-0.06	2.10	2.02	101.39	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	5.01	ppb
Lead	207-1	0.12	0.11	0.10	0.11	10.48	ppb
Lead	208-1	0.12	0.11	0.10	0.11	7.31	ppb
Lithium	6-1				116		%
Magnesium	24-2	2399.15	2449.63	2430.60	2426.46	1.05	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.34	-0.13	-0.07	-0.18		ppb
Molybdenum	94-1	0.33	0.24	0.25	0.27	18.18	ppb
Molybdenum	95-1	0.17	0.17	0.18	0.18	3.58	ppb
Molybdenum	96-1	0.19	0.15	0.19	0.17	13.87	ppb
Molybdenum	97-1	0.16	0.14	0.12	0.14	14.79	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	10.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.41	-0.41	-0.41		ppb
Phosphorus	31-2	15.20	71.87	71.80	52.96	61.74	ppb
Potassium	39-2	332.82	373.45	366.41	357.56	6.07	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				86		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	0.16	-0.90	-3.00	-1.25		ppb
Selenium	82-1	0.25	0.66	0.93	0.61	56.16	ppb
Silicon	28-1	1668.37	1665.22	1660.04	1664.54	0.25	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.32	ppb
Silver	107-1	0.05	0.04	0.03	0.04	22.81	ppb
Sodium	23-2	4166.27	4332.22	4255.44	4251.31	1.95	ppb
Strontium	86-1	13.11	12.70	11.72	12.51	5.69	ppb
Strontium	88-1	12.67	12.63	12.97	12.76	1.46	ppb
Sulfur	34-1	-662.58	-440.31	-688.48	-597.12		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.09	0.10	0.10	8.16	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	10.41	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	6.42	cps
Tin	118-1	0.07	0.05	0.06	0.06	18.08	ppb
Titanium	47-1	0.22	0.18	0.11	0.17	32.83	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	14.46	ppb
Vanadium	51-2	0.05	0.04	0.00	0.03	90.05	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.94	3.49	4.28	3.90	10.12	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	8.48	ppb
Zirconium	91-1	0.09	0.12	0.07	0.09	27.26	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	4.37	0.31	2.04	102.27	ppb
Antimony	121-1	0.14	0.16	0.14	0.15	10.76	ppb
Arsenic	75-2	0.03	0.00	0.00	0.01	121.59	ppb
Barium	135-1	3.45	3.21	3.26	3.30	3.77	ppb
Barium	137-1	3.33	3.54	3.35	3.41	3.34	ppb
Beryllium	9-1	0.12	0.05	0.04	0.07	63.33	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Boron	11-1	8.42	7.91	8.25	8.19	3.19	ppb
Boron	10-1	9.55	6.13	7.20	7.63	22.94	ppb
Cadmium	106-1	-1.26	-1.86	-2.18	-1.77		ppb
Cadmium	108-1	-0.01	-0.15	-0.08	-0.08		ppb
Cadmium	111-1	-0.07	-0.12	-0.16	-0.12		ppb
Calcium	43-1	4103.02	4280.11	4254.82	4212.65	2.27	ppb
Calcium	44-1	4198.32	4196.66	4283.15	4226.04	1.17	ppb
Chromium	52-2	0.25	0.16	0.27	0.23	25.29	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	42.35	43.13	40.36	41.95	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	1.79	2.28	1.52	1.86	20.73	ppb
Iron	57-2	1.02	0.61	0.39	0.67	47.39	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.13	0.14	13.28	ppb
Lead	207-1	0.15	0.13	0.13	0.14	7.88	ppb
Lead	208-1	0.15	0.15	0.13	0.14	5.61	ppb
Lithium	6-1				116		%
Magnesium	24-2	2537.05	2637.45	2455.64	2543.38	3.58	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.37	-0.13	-0.36	-0.28		ppb
Molybdenum	94-1	0.18	0.18	0.19	0.18	2.50	ppb
Molybdenum	95-1	0.11	0.12	0.13	0.12	9.27	ppb
Molybdenum	96-1	0.12	0.11	0.12	0.12	3.96	ppb
Molybdenum	97-1	0.07	0.11	0.11	0.10	24.81	ppb
Molybdenum	98-1	0.09	0.10	0.11	0.10	11.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.79	1.42	1.64	11.68	ppb
Phosphorus	31-2	43.95	-11.92	15.42	15.82	176.60	ppb
Potassium	39-2	350.15	387.97	365.52	367.88	5.17	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				85		%
Selenium	77-2	-2.12	-2.12	4.76	0.17	2311.68	ppb
Selenium	78-2	-3.00	-3.00	-0.85	-2.29		ppb
Selenium	82-1	-0.24	-0.49	-0.04	-0.26		ppb
Silicon	28-1	1694.94	1727.38	1739.37	1720.56	1.34	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.38	ppb
Silver	107-1	0.03	0.04	0.04	0.04	8.99	ppb
Sodium	23-2	4360.33	4437.31	4221.24	4339.63	2.52	ppb
Strontium	86-1	12.74	13.13	13.60	13.16	3.28	ppb
Strontium	88-1	12.97	13.02	13.40	13.13	1.79	ppb
Sulfur	34-1	-793.88	-687.42	-468.93	-650.08		ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.05	0.05	13.32	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	7.20	ppb
Thorium	232-1	0.03	0.03	0.04	0.04	17.56	cps
Tin	118-1	-0.02	0.00	0.05	0.01	266.67	ppb
Titanium	47-1	0.18	0.15	0.06	0.13	45.23	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	20.60	ppb
Vanadium	51-2	0.05	0.05	0.01	0.04	57.77	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.09	6.01	6.21	6.44	8.89	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	3.51	ppb
Zirconium	91-1	0.02	0.05	0.02	0.03	52.90	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	1.57	-0.67	1.15	143.20	ppb
Antimony	121-1	0.12	0.13	0.11	0.12	10.18	ppb
Arsenic	75-2	-0.05	-0.05	-0.02	-0.04		ppb
Barium	135-1	0.25	0.36	0.29	0.30	17.74	ppb
Barium	137-1	0.34	0.28	0.26	0.29	13.56	ppb
Beryllium	9-1	0.13	0.09	0.08	0.10	29.30	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	11-1	5.58	6.79	5.93	6.10	10.16	ppb
Boron	10-1	6.52	6.81	6.11	6.48	5.42	ppb
Cadmium	106-1	-2.48	-2.26	-2.79	-2.51		ppb
Cadmium	108-1	0.02	-0.07	0.03	-0.01		ppb
Cadmium	111-1	-0.18	-0.16	-0.20	-0.18		ppb
Calcium	43-1	143.57	179.37	134.88	152.60	15.45	ppb
Calcium	44-1	145.85	174.10	149.55	156.50	9.81	ppb
Chromium	52-2	0.00	0.07	0.04	0.04	108.81	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	9.90	10.45	9.91	10.09	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	0.55	0.61	0.97	0.71	31.86	ppb
Iron	57-2	-0.60	1.13	-0.04	0.16	536.02	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.06	0.06	19.91	ppb
Lead	207-1	0.05	0.05	0.05	0.05	3.44	ppb
Lead	208-1	0.05	0.06	0.05	0.05	3.27	ppb
Lithium	6-1				113		%
Magnesium	24-2	81.07	91.40	79.48	83.99	7.71	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.13	0.04	-0.07		ppb
Molybdenum	94-1	0.08	0.09	0.09	0.09	7.22	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	15.84	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	11.94	ppb
Molybdenum	97-1	0.03	0.09	0.04	0.05	61.97	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	12.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.66	-0.43	-0.51		ppb
Phosphorus	31-2	44.10	16.65	-11.92	16.28	172.07	ppb
Potassium	39-2	39.96	69.88	43.60	51.15	31.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-3.00	-0.82	-3.00	-2.27		ppb
Selenium	82-1	0.67	0.36	-0.42	0.20	273.51	ppb
Silicon	28-1	61.65	86.72	61.91	70.09	20.54	ppb
Silver	109-1	0.04	0.03	0.04	0.03	20.54	ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.76	ppb
Sodium	23-2	503.82	520.01	509.42	511.08	1.61	ppb
Strontium	86-1	0.65	0.75	0.53	0.64	16.87	ppb
Strontium	88-1	0.67	0.80	0.71	0.73	8.90	ppb
Sulfur	34-1	-2381.35	-666.87	-2232.68	-1760.30		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.05	0.06	0.05	17.99	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	10.05	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	19.33	cps
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.04	0.09	0.08	0.07	39.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	72.80	ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00	1053.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.58	6.19	5.61	6.13	7.99	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	18.37	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	53.92	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50590.95	54635.67	49404.59	51543.74	5.32	ppb
Antimony	121-1	491.24	502.33	500.06	497.88	1.18	ppb
Arsenic	75-2	487.97	536.29	478.90	501.05	6.16	ppb
Barium	135-1	2462.08	2514.46	2519.44	2498.66	1.27	ppb
Barium	137-1	2470.68	2505.12	2483.55	2486.45	0.70	ppb
Beryllium	9-1	483.87	482.30	487.51	484.56	0.55	ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	11-1	457.74	479.13	487.49	474.79	3.23	ppb
Boron	10-1	457.49	476.41	487.41	473.77	3.19	ppb
Cadmium	106-1	467.34	483.80	489.35	480.16	2.38	ppb
Cadmium	108-1	469.93	483.06	485.71	479.57	1.76	ppb
Cadmium	111-1	469.69	483.96	478.52	477.39	1.51	ppb
Calcium	43-1	237900.98	239101.20	236655.07	237885.75	0.51	ppb
Calcium	44-1	233775.49	238138.21	234657.82	235523.84	0.98	ppb
Chromium	52-2	520.18	560.80	506.57	529.19	5.33	ppb
Cobalt	59-2	501.65	539.31	490.50	510.49	5.01	ppb
Copper	63-2	965.56	1038.10	946.02	983.23	4.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				91		%
Iron	56-2	126529.71	137514.22	124081.11	129375.01	5.53	ppb
Iron	57-2	123023.67	133379.82	120549.05	125650.84	5.42	ppb
Krypton	83-1						cps
Lead	206-1	502.27	510.19	518.08	510.18	1.55	ppb
Lead	207-1	500.82	506.22	513.54	506.86	1.26	ppb
Lead	208-1	502.49	508.38	513.82	508.23	1.12	ppb
Lithium	6-1				116		%
Magnesium	24-2	247786.36	267056.50	242938.49	252593.78	5.05	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.18	1072.51	976.89	1013.86	5.07	ppb
Molybdenum	94-1	2475.79	2499.17	2521.16	2498.70	0.91	ppb
Molybdenum	95-1	2513.34	2505.22	2516.65	2511.73	0.23	ppb
Molybdenum	96-1	2495.70	2477.10	2490.25	2487.68	0.38	ppb
Molybdenum	97-1	2500.15	2493.38	2512.89	2502.14	0.40	ppb
Molybdenum	98-1	2490.13	2504.65	2501.44	2498.74	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.70	541.00	493.14	512.95	4.87	ppb
Phosphorus	31-2	10176.71	11307.93	9420.49	10301.71	9.22	ppb
Potassium	39-2	122599.49	131693.49	119257.80	124516.93	5.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				86		%
Selenium	77-2	456.61	496.79	611.12	521.51	15.37	ppb
Selenium	78-2	486.11	525.50	462.54	491.38	6.47	ppb
Selenium	82-1	476.22	477.53	484.49	479.41	0.93	ppb
Silicon	28-1	569.14	583.86	583.53	578.84	1.45	ppb
Silver	109-1	475.21	483.79	482.26	480.42	0.95	ppb
Silver	107-1	478.74	482.21	479.64	480.20	0.37	ppb
Sodium	23-2	248658.50	268659.61	243026.48	253448.20	5.32	ppb
Strontium	86-1	479.71	482.39	484.05	482.05	0.45	ppb
Strontium	88-1	491.70	489.88	492.25	491.28	0.25	ppb
Sulfur	34-1	8181.64	8791.97	8371.27	8448.29	3.70	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	500.46	503.61	508.58	504.22	0.81	ppb
Thallium	205-1	495.47	496.79	501.40	497.89	0.63	ppb
Thorium	232-1	508.77	504.85	505.03	506.22	0.44	cps
Tin	118-1	494.39	505.05	506.98	502.14	1.35	ppb
Titanium	47-1	2546.05	2521.40	2512.51	2526.66	0.69	ppb
Uranium	238-1	519.95	518.48	526.49	521.64	0.82	ppb
Vanadium	51-2	501.93	538.74	489.48	510.05	5.02	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	970.40	1046.55	956.18	991.04	4.90	ppb
Zirconium	90-1	502.03	498.69	496.59	499.10	0.55	ppb
Zirconium	91-1	486.07	487.44	484.73	486.08	0.28	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.80	-1.26	0.14	883.56	ppb
Antimony	121-1	1.14	1.10	0.96	1.07	8.73	ppb
Arsenic	75-2	0.08	0.10	0.12	0.10	23.72	ppb
Barium	135-1	0.03	0.03	0.00	0.02	71.28	ppb
Barium	137-1	0.02	0.01	0.03	0.02	41.61	ppb
Beryllium	9-1	0.25	0.31	0.29	0.28	10.09	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	11-1	20.52	18.88	17.14	18.85	8.95	ppb
Boron	10-1	22.04	20.95	18.77	20.59	8.08	ppb
Cadmium	106-1	-0.97	-3.12	-1.54	-1.87		ppb
Cadmium	108-1	-0.04	0.03	-0.11	-0.04		ppb
Cadmium	111-1	-0.02	-0.19	-0.06	-0.09		ppb
Calcium	43-1	-5.67	-9.54	-8.89	-8.03		ppb
Calcium	44-1	-9.54	-8.76	-7.92	-8.74		ppb
Chromium	52-2	-0.13	-0.09	-0.13	-0.12		ppb
Cobalt	59-2	-0.03	0.02	-0.01	0.00		ppb
Copper	63-2	-0.12	-0.09	-0.09	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	3.22	2.16	2.54	2.64	20.39	ppb
Iron	57-2	2.56	2.46	3.05	2.69	11.66	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.05	5.29	ppb
Lead	207-1	0.05	0.04	0.04	0.04	16.21	ppb
Lead	208-1	0.05	0.05	0.04	0.05	8.21	ppb
Lithium	6-1				115		%
Magnesium	24-2	0.68	-3.37	-0.97	-1.22		ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.43	-0.36	-0.34	-0.38		ppb
Molybdenum	94-1	1.09	0.86	0.77	0.91	18.44	ppb
Molybdenum	95-1	1.03	0.92	0.80	0.92	12.59	ppb
Molybdenum	96-1	1.00	0.78	0.82	0.87	13.63	ppb
Molybdenum	97-1	0.92	0.86	0.69	0.82	14.60	ppb
Molybdenum	98-1	1.00	0.89	0.80	0.90	10.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.61	-0.60	-0.64	-0.62		ppb
Phosphorus	31-2	43.21	15.21	-11.92	15.50	177.82	ppb
Potassium	39-2	14.16	-16.40	6.41	1.39	1142.23	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				87		%
Selenium	77-2	-2.12	-2.12	-2.12	-2.12		ppb
Selenium	78-2	-0.87	-3.00	-1.95	-1.94		ppb
Selenium	82-1	-0.71	0.06	0.66	0.00	25238.88	ppb
Silicon	28-1	-19.45	-20.08	-19.18	-19.57		ppb
Silver	109-1	0.04	0.05	0.03	0.04	22.53	ppb
Silver	107-1	0.04	0.03	0.04	0.04	9.50	ppb
Sodium	23-2	46.62	43.58	38.68	42.96	9.32	ppb
Strontium	86-1	0.00	-0.06	0.05	0.00		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	53.41	ppb
Sulfur	34-1	-1877.58	-1767.69	-1564.30	-1736.52		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.14	0.12	0.13	8.63	ppb
Thallium	205-1	0.15	0.12	0.14	0.14	8.65	ppb
Thorium	232-1	0.29	0.26	0.25	0.27	8.18	cps
Tin	118-1	0.31	0.31	0.32	0.31	0.58	ppb
Titanium	47-1	0.07	0.09	0.02	0.06	58.58	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	35.76	ppb
Vanadium	51-2	-0.02	-0.02	0.00	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.44	0.29	0.39	0.37	20.62	ppb
Zirconium	90-1	0.20	0.18	0.20	0.19	5.17	ppb
Zirconium	91-1	0.18	0.24	0.17	0.20	19.17	ppb

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	20	23	18	28.41	cps
Antimony	121-1	50	58	33	47	26.97	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	25	17	50	31	56.77	cps
Barium	137-1	67	67	42	58	24.74	cps
Beryllium	9-1	22	61	28	37	56.79	cps
Bismuth	209-1	5297457	5338768	5282451	5306225	0.55	cps
Bismuth	209-2	1444049	1467211	1471099	1460786	1.00	cps
Boron	11-1	558	600	667	608	8.98	cps
Boron	10-1	158	133	142	144	8.81	cps
Cadmium	106-1	1617	1617	1717	1650	3.50	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Cadmium	111-1	1133	1126	1204	1154	3.78	cps
Calcium	43-1	800	692	625	706	12.52	cps
Calcium	44-1	16894	16694	16744	16777	0.62	cps
Chromium	52-2	493	570	387	483	19.05	cps
Cobalt	59-2	70	80	73	74	6.84	cps
Copper	63-2	663	630	617	637	3.77	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-2	7	3	3	4	43.40	cps
Erbium	164-1	33	8	17	19	65.47	cps
Gadolinium	160-1	92	67	75	78	16.37	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7848167	7911767	7695465	7818466	1.42	cps
Holmium	165-2	1714936	1698378	1752507	1721940	1.61	cps
Indium	115-1	6110758	6124963	6124132	6119951	0.13	cps
Indium	115-2	276037	277723	277275	277012	0.32	cps
Iron	56-2	1283	1317	1395	1332	4.28	cps
Iron	57-2	56	28	56	46	34.64	cps
Krypton	83-1	320	390	320	343	11.77	cps
Lead	206-1	183	167	211	187	12.01	cps
Lead	207-1	172	244	139	185	29.14	cps
Lead	208-1	722	794	817	778	6.35	cps
Lithium	6-1	945268	959510	951827	952202	0.75	cps
Magnesium	24-2	475	542	633	550	14.45	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163	157	200	173	13.46	cps
Molybdenum	94-1	200	275	325	267	23.59	cps
Molybdenum	95-1	25	58	25	36	53.30	cps
Molybdenum	96-1	208	150	125	161	26.54	cps
Molybdenum	97-1	117	58	50	75	48.43	cps
Molybdenum	98-1	150	100	150	133	21.65	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	447	460	530	479	9.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2350	2625	2359	2445	6.40	cps
Rhodium	103-1	5788214	5772065	5813701	5791326	0.36	cps
Rhodium	103-2	1602062	1631162	1623068	1618764	0.93	cps
Scandium	45-1	3656619	3691312	3705303	3684411	0.68	cps
Scandium	45-2	30660	30360	30617	30545	0.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	2	6	57.77	cps
Selenium	82-1	6	-71	-1	-22	-191.09	cps
Silicon	28-1	339352	332503	340309	337388	1.26	cps
Silver	109-1	17	8	58	28	96.44	cps
Silver	107-1	33	25	67	42	52.92	cps
Sodium	23-2	5076	5393	5285	5251	3.07	cps
Strontium	86-1	558	567	567	564	0.85	cps
Strontium	88-1	108	142	142	131	14.74	cps
Sulfur	34-1	375243	376416	373643	375101	0.37	cps
Terbium	159-1	8000867	8023890	8038896	8021218	0.24	cps
Terbium	159-2	1663308	1658965	1671423	1664565	0.38	cps
Thallium	203-1	58	42	75	58	28.57	cps
Thallium	205-1	142	108	133	128	13.57	cps
Thorium	232-1	50	50	50	50	0.00	cps
Tin	118-1	1392	1317	1550	1420	8.39	cps
Titanium	47-1	67	92	67	75	19.24	cps
Uranium	238-1	50	75	8	44	75.79	cps
Vanadium	51-2	13	20	3	12	68.66	cps
Yttrium	89-1	6340868	6306014	6365366	6337416	0.47	cps
Yttrium	89-2	206381	204923	206603	205969	0.44	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:19:12	DataFile Name :	003CALB_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	110	113	110	3.03	cps
Zirconium	90-1	625	533	575	578	7.94	cps
Zirconium	91-1	217	142	175	178	21.14	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	133	108	118	10.84	cps
Antimony	121-1	14025	14200	13925	14050	0.99	cps
Arsenic	75-2	74	104	94	91	16.70	cps
Barium	135-1	14917	15284	14750	14984	1.82	cps
Barium	137-1	26402	25358	25475	25745	2.22	cps
Beryllium	9-1	983	1056	1028	1022	3.56	cps
Bismuth	209-1	5442237	5466083	5731183	5546501	2.89	cps
Bismuth	209-2	1499169	1489807	1498448	1495808	0.35	cps
Boron	11-1	13273	12614	13340	13076	3.07	cps
Boron	10-1	2575	2925	3067	2856	8.86	cps
Cadmium	106-1	1642	1867	1725	1745	6.52	cps
Cadmium	108-1	133	125	133	131	3.69	cps
Cadmium	111-1	2489	2782	2639	2637	5.55	cps
Calcium	43-1	8378	8211	7728	8105	4.17	cps
Calcium	44-1	139935	140152	142449	140845	0.99	cps
Chromium	52-2	1853	1937	1927	1906	2.39	cps
Cobalt	59-2	1660	1443	1560	1555	6.98	cps
Copper	63-2	3197	3044	3400	3214	5.57	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	3	17	10	10	66.70	cps
Erbium	164-1	25	58	50	44	39.04	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	7991027	8011822	8179905	8060918	1.28	cps
Holmium	165-2	1795052	1811782	1822714	1809849	0.77	cps
Indium	115-1	6174934	6254739	6375042	6268239	1.61	cps
Indium	115-2	283801	283166	282254	283074	0.27	cps
Iron	56-2	24806	24856	24756	24806	0.20	cps
Iron	57-2	578	494	656	576	13.99	cps
Krypton	83-1	333	360	313	336	6.98	cps
Lead	206-1	4773	5207	5062	5014	4.40	cps
Lead	207-1	4734	4162	4823	4573	7.85	cps
Lead	208-1	20268	20374	20757	20466	1.26	cps
Lithium	6-1	1013431	989138	1030739	1011103	2.07	cps
Magnesium	24-2	13040	12773	13524	13112	2.90	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	363	343	330	346	4.86	cps
Molybdenum	94-1	11989	11814	11714	11839	1.18	cps
Molybdenum	95-1	14558	15476	14291	14775	4.21	cps
Molybdenum	96-1	16527	16961	16060	16516	2.73	cps
Molybdenum	97-1	9404	9295	9370	9356	0.59	cps
Molybdenum	98-1	24114	22770	22895	23260	3.19	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1037	967	963	989	4.19	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	9270	9470	9212	9317	1.46	cps
Rhodium	103-1	5848015	5896156	5972518	5905563	1.06	cps
Rhodium	103-2	1692926	1659263	1688573	1680254	1.09	cps
Scandium	45-1	3697026	3711724	3895200	3767984	2.93	cps
Scandium	45-2	30563	30694	30730	30662	0.29	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	11	15	15	14	15.73	cps
Selenium	82-1	477	378	577	477	20.80	cps
Silicon	28-1	387155	380300	388919	385458	1.18	cps
Silver	109-1	7728	7077	7152	7319	4.86	cps
Silver	107-1	7686	7269	8111	7689	5.48	cps
Sodium	23-2	34034	33925	34309	34089	0.58	cps
Strontium	86-1	2492	2275	2334	2367	4.74	cps
Strontium	88-1	16085	16511	16452	16349	1.41	cps
Sulfur	34-1	373163	374343	373816	373774	0.16	cps
Terbium	159-1	8192473	8202137	8381223	8258611	1.29	cps
Terbium	159-2	1727865	1714140	1727298	1723101	0.45	cps
Thallium	203-1	6344	6260	5626	6077	6.45	cps
Thallium	205-1	14451	14876	14075	14467	2.77	cps
Thorium	232-1	18420	19505	18709	18878	2.98	cps
Tin	118-1	25350	25759	25217	25442	1.11	cps
Titanium	47-1	4192	4134	4301	4209	2.01	cps
Uranium	238-1	18657	18581	18556	18598	0.28	cps
Vanadium	51-2	2564	2544	2424	2510	3.02	cps
Yttrium	89-1	6346297	6435211	6536982	6439496	1.48	cps
Yttrium	89-2	210845	211315	209562	210574	0.43	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:26:46	DataFile Name :	005CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	407	430	443	427	4.35	cps
Zirconium	90-1	8995	9545	9946	9495	5.03	cps
Zirconium	91-1	1884	2134	2059	2025	6.34	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5165	5322	5415	5301	2.39	cps
Antimony	121-1	367372	370245	370751	369456	0.49	cps
Arsenic	75-2	4178	4114	4269	4187	1.87	cps
Barium	135-1	389069	388658	387321	388349	0.24	cps
Barium	137-1	684428	686022	680831	683760	0.39	cps
Beryllium	9-1	51124	51492	51459	51359	0.40	cps
Bismuth	209-1	5683503	5614457	5665702	5654554	0.63	cps
Bismuth	209-2	1491723	1453331	1462721	1469258	1.36	cps
Boron	11-1	27235	28070	28838	28048	2.86	cps
Boron	10-1	5810	5785	5926	5840	1.29	cps
Cadmium	106-1	10188	10079	9579	9949	3.26	cps
Cadmium	108-1	5814	5818	5760	5797	0.56	cps
Cadmium	111-1	81644	80069	80903	80872	0.97	cps
Calcium	43-1	83741	81873	80782	82132	1.82	cps
Calcium	44-1	1362876	1362410	1384921	1370069	0.94	cps
Chromium	52-2	34937	35448	35218	35201	0.73	cps
Cobalt	59-2	75104	75423	74910	75146	0.34	cps
Copper	63-2	128867	130156	129237	129420	0.51	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-2	0	7	0	2	173.21	cps
Erbium	164-1	83	17	42	47	71.32	cps
Gadolinium	160-1	67	25	33	42	52.92	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	8259463	8129423	8266969	8218618	0.94	cps
Holmium	165-2	1808706	1771551	1803677	1794645	1.12	cps
Indium	115-1	6409507	6324277	6427641	6387142	0.86	cps
Indium	115-2	280332	271330	274759	275474	1.65	cps
Iron	56-2	1157585	1163526	1169151	1163421	0.50	cps
Iron	57-2	29215	30128	29610	29651	1.54	cps
Krypton	83-1	410	317	380	369	12.92	cps
Lead	206-1	250446	247631	248486	248854	0.58	cps
Lead	207-1	221392	222952	224509	222951	0.70	cps
Lead	208-1	1006846	1012892	1013909	1011215	0.38	cps
Lithium	6-1	998646	1016981	1019777	1011801	1.13	cps
Magnesium	24-2	126669	124643	125298	125537	0.82	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19995	19534	19537	19689	1.35	cps
Molybdenum	94-1	612743	621267	616094	616702	0.70	cps
Molybdenum	95-1	756084	757411	754508	756001	0.19	cps
Molybdenum	96-1	838703	840270	843172	840715	0.27	cps
Molybdenum	97-1	472288	471509	477173	473657	0.65	cps
Molybdenum	98-1	1209718	1218046	1209496	1212420	0.40	cps
Neodymium	150-1	27	47	27	33	34.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	22892	23023	22348	22754	1.57	cps
Phosphorus	31-2	433	458	375	422	10.13	cps
Potassium	39-2	35304	35705	35078	35362	0.90	cps
Rhodium	103-1	5965705	5949207	5922671	5945861	0.37	cps
Rhodium	103-2	1678936	1631170	1625128	1645078	1.79	cps
Scandium	45-1	3834594	3723809	3810210	3789538	1.54	cps
Scandium	45-2	30356	29541	29050	29649	2.22	cps
Selenium	77-2	40	33	27	33	20.00	cps
Selenium	78-2	72	104	122	99	25.44	cps
Selenium	82-1	5019	5073	4856	4983	2.28	cps
Silicon	28-1	520688	517361	514604	517551	0.59	cps
Silver	109-1	388652	387615	386988	387752	0.22	cps
Silver	107-1	403036	409182	399653	403957	1.20	cps
Sodium	23-2	294023	289551	289135	290903	0.93	cps
Strontium	86-1	95752	99822	97849	97808	2.08	cps
Strontium	88-1	840332	834505	839778	838205	0.38	cps
Sulfur	34-1	407070	403194	405898	405387	0.49	cps
Terbium	159-1	8506304	8315283	8397287	8406291	1.14	cps
Terbium	159-2	1729080	1690723	1718226	1712676	1.15	cps
Thallium	203-1	308809	309076	306333	308073	0.49	cps
Thallium	205-1	736998	737615	741415	738676	0.32	cps
Thorium	232-1	1005138	1022683	1043016	1023612	1.85	cps
Tin	118-1	254483	251850	253295	253209	0.52	cps
Titanium	47-1	202982	203904	203634	203507	0.23	cps
Uranium	238-1	956871	955822	963807	958834	0.45	cps
Vanadium	51-2	25647	26145	25493	25762	1.32	cps
Yttrium	89-1	6592502	6511603	6516091	6540065	0.70	cps
Yttrium	89-2	208792	202296	203632	204907	1.67	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:30:31	DataFile Name :	006CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11915	11665	11829	11803	1.08	cps
Zirconium	90-1	508756	517143	517239	514379	0.95	cps
Zirconium	91-1	112949	113688	114999	113879	0.91	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12877	12711	12711	12767	0.75	cps
Antimony	121-1	932239	937430	945371	938347	0.70	cps
Arsenic	75-2	10562	10563	10185	10437	2.09	cps
Barium	135-1	993873	985500	993195	990856	0.47	cps
Barium	137-1	1767276	1755000	1753481	1758585	0.43	cps
Beryllium	9-1	128316	128513	126585	127805	0.83	cps
Bismuth	209-1	5614292	5738927	5881068	5744762	2.32	cps
Bismuth	209-2	1489570	1486520	1492165	1489418	0.19	cps
Boron	11-1	66831	68121	70122	68358	2.43	cps
Boron	10-1	14082	14408	15175	14555	3.85	cps
Cadmium	106-1	21969	22653	23071	22564	2.47	cps
Cadmium	108-1	14404	14846	14237	14496	2.17	cps
Cadmium	111-1	203077	200130	202960	202056	0.83	cps
Calcium	43-1	201943	201990	199911	201281	0.59	cps
Calcium	44-1	3342622	3296543	3358984	3332716	0.97	cps
Chromium	52-2	86257	86146	85909	86104	0.21	cps
Cobalt	59-2	184801	183229	184642	184224	0.47	cps
Copper	63-2	319846	317957	316619	318141	0.51	cps
Dysprosium	156-1	58	17	33	36	58.08	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-2	3	7	7	6	34.70	cps
Erbium	164-1	33	25	25	28	17.31	cps
Gadolinium	160-1	83	83	58	75	19.24	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	8241428	8336303	8461924	8346552	1.33	cps
Holmium	165-2	1818235	1823941	1816518	1819565	0.21	cps
Indium	115-1	6247437	6351824	6396692	6331984	1.21	cps
Indium	115-2	277347	275364	277021	276577	0.38	cps
Iron	56-2	2929559	2869393	2894794	2897916	1.04	cps
Iron	57-2	72248	73103	72332	72561	0.65	cps
Krypton	83-1	347	373	323	348	7.19	cps
Lead	206-1	625675	625773	627334	626261	0.15	cps
Lead	207-1	568898	568866	571065	569610	0.22	cps
Lead	208-1	2551134	2564062	2580359	2565185	0.57	cps
Lithium	6-1	1004810	1041954	1047460	1031408	2.25	cps
Magnesium	24-2	311173	306758	313606	310512	1.12	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48517	47353	48424	48098	1.34	cps
Molybdenum	94-1	1580213	1583772	1585676	1583220	0.18	cps
Molybdenum	95-1	1947971	1906986	1932407	1929121	1.07	cps
Molybdenum	96-1	2144419	2181680	2164154	2163418	0.86	cps
Molybdenum	97-1	1189226	1191702	1190742	1190557	0.10	cps
Molybdenum	98-1	3040634	3089924	3081694	3070750	0.86	cps
Neodymium	150-1	53	73	60	62	16.37	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	55828	54868	54794	55163	1.05	cps
Phosphorus	31-2	925	833	908	889	5.49	cps
Potassium	39-2	83683	82023	82349	82685	1.06	cps
Rhodium	103-1	5821042	5970844	6013961	5935282	1.71	cps
Rhodium	103-2	1655294	1646485	1654359	1652046	0.29	cps
Scandium	45-1	3746819	3799964	3832205	3792996	1.14	cps
Scandium	45-2	29915	29448	29651	29672	0.79	cps
Selenium	77-2	107	63	43	71	45.53	cps
Selenium	78-2	248	226	217	230	7.03	cps
Selenium	82-1	12816	12520	12652	12663	1.17	cps
Silicon	28-1	779913	788143	794846	787634	0.95	cps
Silver	109-1	961700	972042	978607	970783	0.88	cps
Silver	107-1	1009465	1013557	1015227	1012750	0.29	cps
Sodium	23-2	709247	702061	703980	705096	0.53	cps
Strontium	86-1	241354	242289	242341	241994	0.23	cps
Strontium	88-1	2115066	2087773	2114686	2105842	0.74	cps
Sulfur	34-1	436225	437478	434869	436191	0.30	cps
Terbium	159-1	8452763	8553986	8675964	8560904	1.31	cps
Terbium	159-2	1719744	1732901	1716704	1723116	0.50	cps
Thallium	203-1	781809	783251	785877	783646	0.26	cps
Thallium	205-1	1932995	1908222	1903073	1914764	0.84	cps
Thorium	232-1	2641776	2739057	2676386	2685740	1.84	cps
Tin	118-1	633426	635002	631735	633387	0.26	cps
Titanium	47-1	512064	510304	501151	507840	1.15	cps
Uranium	238-1	2484148	2470587	2466991	2473909	0.37	cps
Vanadium	51-2	62867	63071	62425	62788	0.53	cps
Yttrium	89-1	6523900	6585192	6661446	6590179	1.05	cps
Yttrium	89-2	203575	203698	205639	204304	0.57	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:34:16	DataFile Name :	007CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28824	28560	28379	28587	0.78	cps
Zirconium	90-1	1301579	1304178	1305190	1303649	0.14	cps
Zirconium	91-1	285213	286634	287183	286343	0.36	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24845	24172	24628	24548	1.40	cps
Antimony	121-1	1883158	1918316	1878135	1893203	1.16	cps
Arsenic	75-2	20100	19712	19538	19783	1.45	cps
Barium	135-1	1995728	1978340	1987485	1987184	0.44	cps
Barium	137-1	3488086	3488945	3479846	3485626	0.14	cps
Beryllium	9-1	252070	250501	249515	250696	0.51	cps
Bismuth	209-1	5778674	5822847	5889780	5830434	0.96	cps
Bismuth	209-2	1449955	1479334	1451804	1460364	1.13	cps
Boron	11-1	131465	133727	138504	134565	2.67	cps
Boron	10-1	28003	29197	28546	28582	2.09	cps
Cadmium	106-1	43529	43622	43062	43404	0.69	cps
Cadmium	108-1	28589	28718	28347	28551	0.66	cps
Cadmium	111-1	400804	400086	398167	399686	0.34	cps
Calcium	43-1	392501	400408	394853	395921	1.03	cps
Calcium	44-1	6550318	6523076	6478169	6517187	0.56	cps
Chromium	52-2	161802	163482	163398	162894	0.58	cps
Cobalt	59-2	350059	352327	351564	351317	0.33	cps
Copper	63-2	610123	608863	608475	609154	0.14	cps
Dysprosium	156-1	33	50	83	56	45.83	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	0	7	3	3	100.05	cps
Erbium	164-1	17	25	17	19	24.73	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	7	17	0	8	107.84	cps
Holmium	165-1	8442001	8587151	8503175	8510776	0.86	cps
Holmium	165-2	1803889	1820655	1806900	1810481	0.49	cps
Indium	115-1	6328184	6384463	6346489	6353045	0.45	cps
Indium	115-2	267570	268212	267100	267627	0.21	cps
Iron	56-2	5442532	5474437	5459155	5458708	0.29	cps
Iron	57-2	136449	136591	137252	136764	0.31	cps
Krypton	83-1	417	337	383	379	10.61	cps
Lead	206-1	1275722	1264834	1272336	1270964	0.44	cps
Lead	207-1	1156759	1149952	1160681	1155797	0.47	cps
Lead	208-1	5275667	5264113	5294684	5278155	0.29	cps
Lithium	6-1	1031965	1036757	1057385	1042036	1.30	cps
Magnesium	24-2	587324	589971	588210	588502	0.23	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	91769	91809	92997	92192	0.76	cps
Molybdenum	94-1	3107890	3123220	3080918	3104009	0.69	cps
Molybdenum	95-1	3815845	3807632	3751347	3791608	0.93	cps
Molybdenum	96-1	4278593	4209105	4209741	4232480	0.94	cps
Molybdenum	97-1	2441656	2437221	2437190	2438689	0.11	cps
Molybdenum	98-1	6030518	6054910	5999991	6028473	0.46	cps
Neodymium	150-1	80	107	47	78	38.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	104273	104787	103104	104055	0.83	cps
Phosphorus	31-2	1842	1942	1442	1742	15.19	cps
Potassium	39-2	154311	152577	155587	154158	0.98	cps
Rhodium	103-1	5883902	5959828	5953420	5932383	0.71	cps
Rhodium	103-2	1605982	1606519	1594458	1602320	0.43	cps
Scandium	45-1	3707590	3782911	3748375	3746292	1.01	cps
Scandium	45-2	28105	29020	28148	28425	1.82	cps
Selenium	77-2	93	163	133	130	27.01	cps
Selenium	78-2	404	513	433	450	12.56	cps
Selenium	82-1	24370	24476	24364	24403	0.26	cps
Silicon	28-1	1129697	1124848	1106923	1120489	1.07	cps
Silver	109-1	1943423	1946376	1928549	1939449	0.49	cps
Silver	107-1	2037785	2023862	2023128	2028258	0.41	cps
Sodium	23-2	1393368	1381125	1390904	1388466	0.47	cps
Strontium	86-1	481436	480130	474442	478670	0.78	cps
Strontium	88-1	4185966	4167669	4144079	4165905	0.50	cps
Sulfur	34-1	481554	482616	478101	480757	0.49	cps
Terbium	159-1	8687800	8724175	8694935	8702303	0.22	cps
Terbium	159-2	1705172	1736847	1713093	1718371	0.96	cps
Thallium	203-1	1594088	1586259	1576222	1585523	0.56	cps
Thallium	205-1	3920904	3856890	3846360	3874718	1.04	cps
Thorium	232-1	5419869	5383236	5429759	5410955	0.45	cps
Tin	118-1	1260025	1267029	1260170	1262408	0.32	cps
Titanium	47-1	991727	993257	991213	992066	0.11	cps
Uranium	238-1	5015431	4989098	5039954	5014827	0.51	cps
Vanadium	51-2	120159	120620	121326	120702	0.49	cps
Yttrium	89-1	6534679	6570768	6571180	6558876	0.32	cps
Yttrium	89-2	198237	199252	198405	198631	0.27	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:37:53	DataFile Name :	008CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55989	55568	55390	55649	0.55	cps
Zirconium	90-1	2653193	2631548	2574335	2619692	1.56	cps
Zirconium	91-1	574117	571354	565881	570451	0.73	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46723	46043	46071	46279	0.83	cps
Antimony	121-1	3750002	3801167	3794339	3781836	0.73	cps
Arsenic	75-2	38879	37640	37423	37980	2.07	cps
Barium	135-1	3932446	3948171	3945707	3942108	0.21	cps
Barium	137-1	6924391	6860806	6883081	6889426	0.47	cps
Beryllium	9-1	491055	492180	490433	491222	0.18	cps
Bismuth	209-1	5906378	5163030	5704292	5591233	6.87	cps
Bismuth	209-2	1450441	1449348	1438962	1446250	0.44	cps
Boron	11-1	259136	268450	273368	266985	2.71	cps
Boron	10-1	54873	58228	58027	57042	3.30	cps
Cadmium	106-1	83851	83802	84104	83919	0.19	cps
Cadmium	108-1	56426	57418	56606	56817	0.93	cps
Cadmium	111-1	791475	797073	796358	794968	0.38	cps
Calcium	43-1	771814	777903	771022	773580	0.49	cps
Calcium	44-1	12752324	12842887	12615786	12736999	0.90	cps
Chromium	52-2	311059	307189	307944	308731	0.66	cps
Cobalt	59-2	670766	665861	664935	667188	0.47	cps
Copper	63-2	1153934	1153254	1139992	1149060	0.68	cps
Dysprosium	156-1	8	67	108	61	82.20	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-2	10	3	0	4	114.60	cps
Erbium	164-1	25	58	33	39	44.62	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	8531782	7651370	8326299	8169817	5.64	cps
Holmium	165-2	1817334	1808841	1786111	1804096	0.89	cps
Indium	115-1	6279557	5573314	6112584	5988485	6.16	cps
Indium	115-2	253726	254934	255437	254699	0.35	cps
Iron	56-2	10395135	10311498	10287097	10331243	0.55	cps
Iron	57-2	261509	260488	259993	260663	0.30	cps
Krypton	83-1	347	367	427	380	10.96	cps
Lead	206-1	2590976	2612103	2609768	2604282	0.44	cps
Lead	207-1	2370443	2407460	2397411	2391771	0.80	cps
Lead	208-1	10622235	10759462	10761676	10714458	0.75	cps
Lithium	6-1	1022301	938531	1014141	991658	4.66	cps
Magnesium	24-2	1127503	1114859	1103823	1115395	1.06	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	176338	173684	172803	174275	1.06	cps
Molybdenum	94-1	6106431	6215035	6121163	6147543	0.96	cps
Molybdenum	95-1	7518804	7582096	7464902	7521934	0.78	cps
Molybdenum	96-1	8318024	8454803	8380779	8384536	0.82	cps
Molybdenum	97-1	4736831	4859494	4808264	4801529	1.28	cps
Molybdenum	98-1	12029158	12022934	12056906	12036333	0.15	cps
Neodymium	150-1	220	153	200	191	17.90	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	196012	196819	194004	195612	0.74	cps
Phosphorus	31-2	3151	3209	3309	3223	2.49	cps
Potassium	39-2	286233	285319	284823	285458	0.25	cps
Rhodium	103-1	5871024	5186602	5649666	5569097	6.27	cps
Rhodium	103-2	1576319	1541999	1539072	1552463	1.33	cps
Scandium	45-1	3647500	3290983	3486028	3474837	5.14	cps
Scandium	45-2	27387	26872	26368	26876	1.89	cps
Selenium	77-2	283	223	230	246	13.39	cps
Selenium	78-2	804	909	870	861	6.20	cps
Selenium	82-1	48582	48650	48269	48500	0.42	cps
Silicon	28-1	1801643	1814185	1798006	1804611	0.47	cps
Silver	109-1	3801861	3813297	3843144	3819434	0.56	cps
Silver	107-1	4024205	3958017	4033832	4005352	1.03	cps
Sodium	23-2	2601490	2577078	2537723	2572097	1.25	cps
Strontium	86-1	944640	953042	943001	946894	0.57	cps
Strontium	88-1	8163872	8209736	8135572	8169727	0.46	cps
Sulfur	34-1	585909	577592	577138	580213	0.85	cps
Terbium	159-1	8724889	7812822	8488338	8342016	5.67	cps
Terbium	159-2	1703644	1689278	1700664	1697862	0.45	cps
Thallium	203-1	3240914	3300825	3304630	3282123	1.09	cps
Thallium	205-1	7561290	7802812	7791428	7718510	1.77	cps
Thorium	232-1	10964332	10981229	11174149	11039903	1.06	cps
Tin	118-1	2535428	2562492	2564911	2554277	0.64	cps
Titanium	47-1	1960898	1979963	1969533	1970132	0.48	cps
Uranium	238-1	10102097	10116069	10270924	10163030	0.92	cps
Vanadium	51-2	228614	227713	224749	227025	0.89	cps
Yttrium	89-1	6550896	5854807	6284162	6229955	5.64	cps
Yttrium	89-2	192351	190211	189354	190639	0.81	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:41:26	DataFile Name :	009CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106512	105437	105853	105934	0.51	cps
Zirconium	90-1	5131291	5183164	5110459	5141638	0.73	cps
Zirconium	91-1	1136471	1152457	1138538	1142489	0.76	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87764	87392	87397	87518	0.24	cps
Antimony	121-1	7410926	7409667	7377055	7399216	0.26	cps
Arsenic	75-2	73056	71902	72021	72327	0.88	cps
Barium	135-1	7751200	7780366	7800593	7777386	0.32	cps
Barium	137-1	13690818	13758673	13779500	13742997	0.34	cps
Beryllium	9-1	957223	951253	946658	951711	0.56	cps
Bismuth	209-1	5980111	5953656	5823024	5918930	1.42	cps
Bismuth	209-2	1453333	1402251	1411083	1422222	1.92	cps
Boron	11-1	514533	528088	531565	524729	1.72	cps
Boron	10-1	107054	109247	111808	109370	2.18	cps
Cadmium	106-1	163852	163776	164029	163886	0.08	cps
Cadmium	108-1	111360	112186	110800	111449	0.63	cps
Cadmium	111-1	1561850	1553875	1564021	1559915	0.34	cps
Calcium	43-1	1527896	1521245	1500078	1516406	0.96	cps
Calcium	44-1	24599582	24410836	24420319	24476912	0.43	cps
Chromium	52-2	582510	580744	585439	582898	0.41	cps
Cobalt	59-2	1268632	1266951	1272045	1269209	0.20	cps
Copper	63-2	2224083	2207118	2221513	2217571	0.41	cps
Dysprosium	156-1	108	192	58	119	56.39	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-2	13	3	27	14	81.07	cps
Erbium	164-1	50	100	75	75	33.33	cps
Gadolinium	160-1	75	117	67	86	31.11	cps
Gadolinium	160-2	17	20	3	13	66.16	cps
Holmium	165-1	8704131	8636575	8617929	8652878	0.52	cps
Holmium	165-2	1795379	1763601	1761044	1773341	1.08	cps
Indium	115-1	6238049	6225858	6225532	6229813	0.11	cps
Indium	115-2	248592	243991	243548	245377	1.14	cps
Iron	56-2	19741812	19422586	19694353	19619584	0.88	cps
Iron	57-2	496753	493918	500103	496925	0.62	cps
Krypton	83-1	320	293	257	290	10.97	cps
Lead	206-1	5171930	5247188	5170643	5196587	0.84	cps
Lead	207-1	4713417	4750943	4762398	4742253	0.54	cps
Lead	208-1	21248435	21380819	21165588	21264947	0.51	cps
Lithium	6-1	1058736	1031854	1044372	1044987	1.29	cps
Magnesium	24-2	2138855	2148974	2163115	2150315	0.57	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330965	329391	331243	330533	0.30	cps
Molybdenum	94-1	11967038	12153555	11975571	12032054	0.88	cps
Molybdenum	95-1	14681263	14750633	14702393	14711429	0.24	cps
Molybdenum	96-1	16515423	16544190	16563089	16540901	0.15	cps
Molybdenum	97-1	9327281	9422362	9363783	9371142	0.51	cps
Molybdenum	98-1	23816950	23619532	23795725	23744069	0.46	cps
Neodymium	150-1	307	273	340	307	10.87	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	371084	371948	374050	372360	0.41	cps
Phosphorus	31-2	6052	5243	6093	5796	8.27	cps
Potassium	39-2	536856	533536	539680	536691	0.57	cps
Rhodium	103-1	5724634	5687696	5687852	5700061	0.37	cps
Rhodium	103-2	1523164	1480673	1516474	1506770	1.52	cps
Scandium	45-1	3569626	3603380	3529460	3567489	1.04	cps
Scandium	45-2	26362	25737	25366	25822	1.95	cps
Selenium	77-2	447	463	487	466	4.32	cps
Selenium	78-2	1587	1680	1728	1665	4.30	cps
Selenium	82-1	94316	94670	94930	94639	0.33	cps
Silicon	28-1	2924097	2903469	2904832	2910799	0.40	cps
Silver	109-1	7321143	7328381	7343894	7331139	0.16	cps
Silver	107-1	7674798	7749065	7701509	7708457	0.49	cps
Sodium	23-2	4836317	4886958	4863637	4862304	0.52	cps
Strontium	86-1	1882210	1858705	1860601	1867172	0.70	cps
Strontium	88-1	16073419	16083712	15970925	16042685	0.39	cps
Sulfur	34-1	783994	789360	779210	784188	0.65	cps
Terbium	159-1	8945690	8816870	8896592	8886384	0.73	cps
Terbium	159-2	1731057	1666000	1665716	1687591	2.23	cps
Thallium	203-1	6467022	6503658	6507097	6492592	0.34	cps
Thallium	205-1	15390076	15508219	15563189	15487162	0.57	cps
Thorium	232-1	22675278	22856519	22532591	22688129	0.72	cps
Tin	118-1	5017949	4994408	4997651	5003336	0.26	cps
Titanium	47-1	3742494	3750325	3726900	3739907	0.32	cps
Uranium	238-1	20927216	20724436	20610009	20753887	0.77	cps
Vanadium	51-2	436526	435339	438573	436813	0.37	cps
Yttrium	89-1	6436612	6407520	6435495	6426542	0.26	cps
Yttrium	89-2	186123	183343	184080	184515	0.78	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:44:55	DataFile Name :	010CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199141	198123	198979	198747	0.28	cps
Zirconium	90-1	10067603	10055740	10064226	10062523	0.06	cps
Zirconium	91-1	2248778	2266544	2251098	2255473	0.43	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CAL5_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473862	478032	479799	477231	0.64	cps
Antimony	121-1	21284	20191	19265	20247	4.99	cps
Arsenic	75-2	107	107	128	114	10.30	cps
Barium	135-1	1200	1225	1017	1147	9.92	cps
Barium	137-1	2034	1942	1792	1922	6.35	cps
Beryllium	9-1	661	617	683	654	5.19	cps
Bismuth	209-1	5610762	5716840	5205137	5510913	4.90	cps
Bismuth	209-2	1311761	1361209	1365329	1346100	2.21	cps
Boron	11-1	31870	28997	27202	29356	8.02	cps
Boron	10-1	6610	5960	5476	6015	9.46	cps
Cadmium	106-1	1659	1642	1609	1636	1.56	cps
Cadmium	108-1	33	17	42	31	41.66	cps
Cadmium	111-1	1488	1367	1397	1417	4.44	cps
Calcium	43-1	7646870	7576700	7678928	7634166	0.68	cps
Calcium	44-1	126080811	125663294	127194753	126312953	0.63	cps
Chromium	52-2	20365	20101	20028	20165	0.88	cps
Cobalt	59-2	16106	16377	16350	16278	0.92	cps
Copper	63-2	5501	5615	5508	5541	1.15	cps
Dysprosium	156-1	33	100	108	81	51.03	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-2	20	10	7	12	56.76	cps
Erbium	164-1	42	75	42	53	36.46	cps
Gadolinium	160-1	117	108	83	103	16.88	cps
Gadolinium	160-2	20	17	7	14	48.02	cps
Holmium	165-1	8610674	8711452	8009913	8444013	4.49	cps
Holmium	165-2	1757910	1805252	1804837	1789333	1.52	cps
Indium	115-1	6104633	6203729	5663674	5990679	4.80	cps
Indium	115-2	247989	255433	255250	252891	1.68	cps
Iron	56-2	101391658	101963000	102637327	101997328	0.61	cps
Iron	57-2	2610156	2611137	2611108	2610800	0.02	cps
Krypton	83-1	323	403	343	357	11.67	cps
Lead	206-1	8853	8864	8592	8770	1.76	cps
Lead	207-1	7186	7502	7397	7362	2.19	cps
Lead	208-1	34748	34592	34353	34564	0.58	cps
Lithium	6-1	1047416	1033963	974245	1018541	3.82	cps
Magnesium	24-2	11008541	11157937	11154250	11106909	0.77	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CALC_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1467	1483	1590	1513	4.42	cps
Molybdenum	94-1	12264	11739	11589	11864	2.99	cps
Molybdenum	95-1	20107	18897	18046	19017	5.45	cps
Molybdenum	96-1	21484	22394	21877	21918	2.08	cps
Molybdenum	97-1	12556	11722	12089	12123	3.45	cps
Molybdenum	98-1	31288	29767	29792	30282	2.88	cps
Neodymium	150-1	100	73	100	91	16.90	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	11355	10974	10821	11050	2.49	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2895041	2929951	2946378	2923790	0.90	cps
Rhodium	103-1	5505284	5566511	5084349	5385381	4.87	cps
Rhodium	103-2	1423842	1459197	1462248	1448429	1.47	cps
Scandium	45-1	3562053	3582880	3300472	3481802	4.52	cps
Scandium	45-2	25754	26983	27040	26592	2.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	7	2	173.21	cps
Selenium	82-1	71	21	37	43	58.54	cps
Silicon	28-1	467702	471746	475997	471815	0.88	cps
Silver	109-1	700	700	625	675	6.42	cps
Silver	107-1	742	808	575	708	16.97	cps
Sodium	23-2	25310551	25503835	25747470	25520619	0.86	cps
Strontium	86-1	9187	8937	9078	9067	1.38	cps
Strontium	88-1	77898	76447	79758	78034	2.13	cps
Sulfur	34-1	326833	329673	330267	328924	0.56	cps
Terbium	159-1	8779489	8780073	8196257	8585273	3.92	cps
Terbium	159-2	1657242	1689244	1710351	1685613	1.59	cps
Thallium	203-1	3101	2850	2650	2867	7.87	cps
Thallium	205-1	7811	7694	7202	7569	4.27	cps
Thorium	232-1	9448	8303	6997	8249	14.87	cps
Tin	118-1	6102	5902	5601	5868	4.29	cps
Titanium	47-1	733	833	883	817	9.35	cps
Uranium	238-1	3734	3684	3159	3526	9.04	cps
Vanadium	51-2	187	173	230	197	15.07	cps
Yttrium	89-1	6395026	6439611	5947102	6260580	4.35	cps
Yttrium	89-2	186687	193893	194176	191585	2.22	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 12:48:21	DataFile Name :	011CALS_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1283	1147	1210	1213	5.64	cps
Zirconium	90-1	2917	2392	2484	2598	10.80	cps
Zirconium	91-1	658	750	633	681	9.03	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2538	2283	2471	2431	5.44	cps
Antimony	121-1	1425076	1430632	1425774	1427161	0.21	cps
Arsenic	75-2	15296	14904	15069	15090	1.30	cps
Barium	135-1	151912	152889	153168	152656	0.43	cps
Barium	137-1	269000	271000	268040	269347	0.56	cps
Beryllium	9-1	95057	95900	95683	95547	0.46	cps
Bismuth	209-1	5924876	5850187	6063075	5946046	1.82	cps
Bismuth	209-2	1396790	1464423	1495275	1452163	3.47	cps
Boron	11-1	259438	269469	277926	268945	3.44	cps
Boron	10-1	55082	58094	59198	57458	3.71	cps
Cadmium	106-1	26853	27830	27871	27518	2.10	cps
Cadmium	108-1	14621	14863	14249	14578	2.12	cps
Cadmium	111-1	160563	159570	161351	160495	0.56	cps
Calcium	43-1	33942	33600	33692	33745	0.52	cps
Calcium	44-1	538477	539062	537023	538187	0.20	cps
Chromium	52-2	61545	62000	61802	61782	0.37	cps
Cobalt	59-2	137537	137551	137312	137467	0.10	cps
Copper	63-2	119434	119579	118984	119332	0.26	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	13	10	27	17	52.93	cps
Erbium	164-1	42	92	58	64	39.85	cps
Gadolinium	160-1	83	83	33	67	43.31	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	8383632	8473140	8604761	8487177	1.31	cps
Holmium	165-2	1712772	1803764	1830092	1782209	3.45	cps
Indium	115-1	6363144	6307641	6452388	6374391	1.15	cps
Indium	115-2	252861	264132	267577	261523	2.94	cps
Iron	56-2	433579	427945	427874	429799	0.76	cps
Iron	57-2	10760	10643	10816	10740	0.82	cps
Krypton	83-1	347	320	327	331	4.19	cps
Lead	206-1	1014061	1018489	1017962	1016837	0.24	cps
Lead	207-1	886626	900676	896588	894630	0.81	cps
Lead	208-1	4158569	4166953	4158741	4161421	0.12	cps
Lithium	6-1	1054848	1036982	1046649	1046160	0.85	cps
Magnesium	24-2	28513	28170	28521	28401	0.70	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17561	17324	17454	17447	0.68	cps
Molybdenum	94-1	2746194	2716672	2718369	2727078	0.61	cps
Molybdenum	95-1	1605783	1637987	1602171	1615314	1.22	cps
Molybdenum	96-1	2047939	2059078	2026559	2044525	0.81	cps
Molybdenum	97-1	987052	986307	990182	987847	0.21	cps
Molybdenum	98-1	2572681	2595475	2583750	2583969	0.44	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	41448	40328	41351	41043	1.51	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	26167	25892	26626	26228	1.41	cps
Rhodium	103-1	6031717	6005795	6074585	6037366	0.58	cps
Rhodium	103-2	1530376	1623808	1678564	1610916	4.65	cps
Scandium	45-1	3736247	3714200	3770336	3740261	0.76	cps
Scandium	45-2	27257	28489	29017	28254	3.20	cps
Selenium	77-2	80	137	117	111	25.87	cps
Selenium	78-2	376	387	341	368	6.57	cps
Selenium	82-1	19231	19206	19306	19248	0.27	cps
Silicon	28-1	321376	326243	321319	322979	0.88	cps
Silver	109-1	724512	719008	724740	722753	0.45	cps
Silver	107-1	763818	759849	755273	759647	0.56	cps
Sodium	23-2	115061	110604	112399	112688	1.99	cps
Strontium	86-1	899039	908427	895509	900992	0.74	cps
Strontium	88-1	7823914	7860378	7751126	7811806	0.71	cps
Sulfur	34-1	353722	345778	347651	349050	1.19	cps
Terbium	159-1	8604057	8583951	8795780	8661262	1.35	cps
Terbium	159-2	1615845	1684307	1715700	1671951	3.05	cps
Thallium	203-1	1264255	1284886	1265290	1271477	0.91	cps
Thallium	205-1	3112119	3141277	3114045	3122480	0.52	cps
Thorium	232-1	9989226	9947687	9922610	9953174	0.34	cps
Tin	118-1	2449387	2443756	2394703	2429282	1.24	cps
Titanium	47-1	375245	376235	371590	374357	0.65	cps
Uranium	238-1	9793598	9711189	9860580	9788455	0.76	cps
Vanadium	51-2	46213	46337	46079	46210	0.28	cps
Yttrium	89-1	6476503	6565967	6623888	6555453	1.13	cps
Yttrium	89-2	188260	196100	199760	194707	3.02	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:06:04	DataFile Name :	012ICV01_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21931	21881	21681	21831	0.61	cps
Zirconium	90-1	4845165	4867371	4859775	4857437	0.23	cps
Zirconium	91-1	1074555	1068494	1071257	1071435	0.28	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	115	138	118	14.99	cps
Antimony	121-1	15268	15677	15969	15638	2.25	cps
Arsenic	75-2	100	89	81	90	10.34	cps
Barium	135-1	14817	15026	14867	14903	0.73	cps
Barium	137-1	26269	26419	26411	26366	0.32	cps
Beryllium	9-1	989	1006	1145	1046	8.16	cps
Bismuth	209-1	5922326	5997168	5992470	5970655	0.70	cps
Bismuth	209-2	1476170	1440997	1507030	1474732	2.24	cps
Boron	11-1	21342	21751	21742	21612	1.08	cps
Boron	10-1	4626	4718	4526	4623	2.07	cps
Cadmium	106-1	1659	1967	1742	1789	8.92	cps
Cadmium	108-1	146	167	92	135	28.74	cps
Cadmium	111-1	2534	2660	2622	2605	2.49	cps
Calcium	43-1	8294	8236	7944	8158	2.30	cps
Calcium	44-1	140877	139775	139429	140027	0.54	cps
Chromium	52-2	1667	1787	1833	1762	4.88	cps
Cobalt	59-2	1490	1543	1387	1473	5.41	cps
Copper	63-2	2940	2984	2747	2890	4.36	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	13	7	10	10	33.30	cps
Erbium	164-1	50	50	25	42	34.64	cps
Gadolinium	160-1	75	33	17	42	72.11	cps
Gadolinium	160-2	20	3	13	12	68.66	cps
Holmium	165-1	8613510	8573317	8603266	8596698	0.24	cps
Holmium	165-2	1801165	1781702	1826517	1803128	1.25	cps
Indium	115-1	6489051	6428695	6438308	6452018	0.50	cps
Indium	115-2	272236	266628	275618	271494	1.67	cps
Iron	56-2	23003	23498	23415	23305	1.14	cps
Iron	57-2	650	656	606	637	4.30	cps
Krypton	83-1	300	327	320	316	4.40	cps
Lead	206-1	5529	5251	5357	5379	2.61	cps
Lead	207-1	4845	4734	4673	4751	1.84	cps
Lead	208-1	21841	21730	21424	21665	1.00	cps
Lithium	6-1	1037931	1049913	1041254	1043033	0.59	cps
Magnesium	24-2	12147	12014	12181	12114	0.73	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	267	303	296	8.76	cps
Molybdenum	94-1	14442	14700	14433	14525	1.05	cps
Molybdenum	95-1	14950	14533	15026	14836	1.79	cps
Molybdenum	96-1	17178	17746	16302	17075	4.26	cps
Molybdenum	97-1	9462	9095	9787	9448	3.67	cps
Molybdenum	98-1	24498	23939	23555	23997	1.98	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	833	750	707	763	8.43	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	8370	8895	8219	8495	4.17	cps
Rhodium	103-1	6116859	6130684	6053978	6100507	0.67	cps
Rhodium	103-2	1636970	1602919	1690955	1643614	2.70	cps
Scandium	45-1	3775708	3746381	3801270	3774453	0.73	cps
Scandium	45-2	28646	27601	28953	28400	2.50	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	7	19	9	12	50.75	cps
Selenium	82-1	527	492	474	498	5.45	cps
Silicon	28-1	351095	351621	349873	350863	0.26	cps
Silver	109-1	7686	6735	7244	7222	6.59	cps
Silver	107-1	7869	7778	7844	7830	0.61	cps
Sodium	23-2	33875	33950	33290	33705	1.07	cps
Strontium	86-1	2342	2342	2375	2353	0.82	cps
Strontium	88-1	16586	16277	15985	16283	1.85	cps
Sulfur	34-1	354370	356183	352011	354188	0.59	cps
Terbium	159-1	8805811	8734618	8781575	8774001	0.41	cps
Terbium	159-2	1725450	1683206	1748087	1718914	1.92	cps
Thallium	203-1	6302	7069	6510	6627	5.99	cps
Thallium	205-1	16219	16194	16077	16164	0.47	cps
Thorium	232-1	23857	23155	23233	23415	1.64	cps
Tin	118-1	26385	26795	25717	26299	2.07	cps
Titanium	47-1	3734	3876	4026	3878	3.76	cps
Uranium	238-1	20426	19959	20025	20137	1.26	cps
Vanadium	51-2	2490	2460	2330	2427	3.51	cps
Yttrium	89-1	6718319	6543743	6620683	6627582	1.32	cps
Yttrium	89-2	197625	195991	203420	199012	1.96	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:37:04	DataFile Name :	016LLIC_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	370	337	357	354	4.73	cps
Zirconium	90-1	17938	16653	16177	16922	5.38	cps
Zirconium	91-1	3917	3559	3542	3673	5.77	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	20	23	23	11.11	cps
Antimony	121-1	550	642	533	575	10.14	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	83	42	100	75	40.06	cps
Barium	137-1	50	25	92	56	60.62	cps
Beryllium	9-1	89	94	100	94	5.88	cps
Bismuth	209-1	5886628	5662172	5840295	5796365	2.04	cps
Bismuth	209-2	1458474	1336178	1468830	1421160	5.19	cps
Boron	11-1	8736	8253	8144	8378	3.76	cps
Boron	10-1	1942	1834	1775	1850	4.57	cps
Cadmium	106-1	1542	1667	1625	1611	3.95	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Cadmium	111-1	1097	1189	1126	1137	4.12	cps
Calcium	43-1	692	658	667	672	2.58	cps
Calcium	44-1	15701	15309	15142	15384	1.87	cps
Chromium	52-2	440	413	427	427	3.12	cps
Cobalt	59-2	53	83	120	86	39.03	cps
Copper	63-2	467	470	483	473	1.86	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	50	39	24.75	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	8567142	8230147	8404667	8400652	2.01	cps
Holmium	165-2	1793124	1636751	1819586	1749820	5.65	cps
Indium	115-1	6434768	6288641	6357508	6360306	1.15	cps
Indium	115-2	266202	246226	269279	260569	4.80	cps
Iron	56-2	1467	1278	1311	1352	7.46	cps
Iron	57-2	78	44	33	52	44.61	cps
Krypton	83-1	320	323	300	314	4.01	cps
Lead	206-1	333	361	394	363	8.43	cps
Lead	207-1	267	339	228	278	20.30	cps
Lead	208-1	1256	1295	1222	1257	2.87	cps
Lithium	6-1	1040008	1005859	1036093	1027320	1.82	cps
Magnesium	24-2	492	375	375	414	16.27	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	133	107	117	12.46	cps
Molybdenum	94-1	675	717	708	700	3.15	cps
Molybdenum	95-1	250	283	250	261	7.37	cps
Molybdenum	96-1	367	325	450	381	16.72	cps
Molybdenum	97-1	217	225	133	192	26.45	cps
Molybdenum	98-1	367	375	342	361	4.80	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	283	403	319	23.03	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2542	2175	2534	2417	8.66	cps
Rhodium	103-1	6076821	5850001	5963198	5963340	1.90	cps
Rhodium	103-2	1608885	1488788	1657158	1584944	5.47	cps
Scandium	45-1	3763425	3563970	3657814	3661737	2.73	cps
Scandium	45-2	27687	25330	28145	27054	5.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	13	-20	49	14	240.37	cps
Silicon	28-1	300783	305346	302463	302864	0.76	cps
Silver	109-1	33	33	75	47	50.95	cps
Silver	107-1	92	125	142	119	21.31	cps
Sodium	23-2	7327	6669	6727	6908	5.28	cps
Strontium	86-1	575	458	442	492	14.78	cps
Strontium	88-1	158	183	258	200	26.02	cps
Sulfur	34-1	360988	359760	356258	359002	0.68	cps
Terbium	159-1	8721159	8424149	8571844	8572384	1.73	cps
Terbium	159-2	1711354	1553707	1715128	1660063	5.55	cps
Thallium	203-1	450	500	358	436	16.48	cps
Thallium	205-1	750	808	875	811	7.71	cps
Thorium	232-1	1189	2106	2178	1824	30.22	cps
Tin	118-1	2017	2350	1809	2059	13.28	cps
Titanium	47-1	108	100	67	92	24.05	cps
Uranium	238-1	92	33	17	47	83.40	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	6533327	6331745	6501843	6455639	1.68	cps
Yttrium	89-2	196908	180602	198226	191912	5.12	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:40:27	DataFile Name :	017CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	117	73	99	22.95	cps
Zirconium	90-1	1267	1267	1634	1389	15.24	cps
Zirconium	91-1	308	342	333	328	5.29	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422804	417895	420133	420278	0.58	cps
Antimony	121-1	8103	8970	8945	8673	5.69	cps
Arsenic	75-2	35	17	35	29	36.85	cps
Barium	135-1	2417	2267	2292	2325	3.46	cps
Barium	137-1	4068	4501	4076	4215	5.88	cps
Beryllium	9-1	383	433	339	385	12.27	cps
Bismuth	209-1	5767967	5811149	5764295	5781137	0.45	cps
Bismuth	209-2	1400037	1405656	1408964	1404886	0.32	cps
Boron	11-1	9262	9495	9095	9284	2.17	cps
Boron	10-1	2159	1892	2075	2042	6.68	cps
Cadmium	106-1	1467	1467	1583	1506	4.47	cps
Cadmium	108-1	958	904	879	914	4.43	cps
Cadmium	111-1	1473	1640	1664	1592	6.54	cps
Calcium	43-1	1530708	1515132	1521147	1522329	0.52	cps
Calcium	44-1	24382568	24582271	24756948	24573929	0.76	cps
Chromium	52-2	12369	12272	12349	12330	0.41	cps
Cobalt	59-2	1493	1597	1407	1499	6.35	cps
Copper	63-2	9023	8996	9006	9009	0.15	cps
Dysprosium	156-1	67	17	33	39	65.47	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-2	23	7	3	11	96.43	cps
Erbium	164-1	67	42	50	53	24.12	cps
Gadolinium	160-1	58	75	133	89	44.30	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	8696101	8589170	8634546	8639939	0.62	cps
Holmium	165-2	1778074	1793864	1804068	1792002	0.73	cps
Indium	115-1	6354338	6291977	6213417	6286578	1.12	cps
Indium	115-2	254188	255501	253625	254438	0.38	cps
Iron	56-2	40408048	40663612	40458918	40510193	0.33	cps
Iron	57-2	1017325	1019568	1011489	1016127	0.41	cps
Krypton	83-1	357	347	313	339	6.70	cps
Lead	206-1	24563	23734	24430	24242	1.84	cps
Lead	207-1	19232	19343	19304	19293	0.29	cps
Lead	208-1	92383	90861	91424	91556	0.84	cps
Lithium	6-1	1032381	1018806	1013358	1021515	0.96	cps
Magnesium	24-2	2224681	2197270	2231273	2217741	0.81	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1300	1523	1533	1452	9.08	cps
Molybdenum	94-1	3295143	3299713	3293897	3296251	0.09	cps
Molybdenum	95-1	5775026	5751682	5791541	5772750	0.35	cps
Molybdenum	96-1	6150717	6214158	6272377	6212418	0.98	cps
Molybdenum	97-1	3691082	3730718	3696318	3706039	0.58	cps
Molybdenum	98-1	9221166	9184444	9271727	9225779	0.48	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	2307	2460	2460	2409	3.68	cps
Phosphorus	31-2	30275	29857	30710	30281	1.41	cps
Potassium	39-2	1114843	1112407	1116701	1114650	0.19	cps
Rhodium	103-1	5812554	5724946	5737793	5758431	0.82	cps
Rhodium	103-2	1545478	1525712	1523394	1531528	0.79	cps
Scandium	45-1	3697378	3665258	3623381	3662006	1.01	cps
Scandium	45-2	26749	26979	27140	26956	0.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	4	-3	9	3	201.34	cps
Silicon	28-1	408238	406039	409511	407930	0.43	cps
Silver	109-1	383	475	625	494	24.67	cps
Silver	107-1	375	425	692	497	34.24	cps
Sodium	23-2	4977968	5023829	5029957	5010585	0.57	cps
Strontium	86-1	60502	62644	63842	62329	2.71	cps
Strontium	88-1	535646	541392	546345	541128	0.99	cps
Sulfur	34-1	2219153	2160501	2177646	2185767	1.38	cps
Terbium	159-1	8814675	8834533	8738304	8795837	0.58	cps
Terbium	159-2	1705967	1712806	1709578	1709450	0.20	cps
Thallium	203-1	642	800	800	747	12.23	cps
Thallium	205-1	1542	1692	1850	1695	9.10	cps
Thorium	232-1	2095	1845	2006	1982	6.40	cps
Tin	118-1	2200	2125	1984	2103	5.23	cps
Titanium	47-1	1558203	1525450	1555799	1546484	1.18	cps
Uranium	238-1	425	450	375	417	9.16	cps
Vanadium	51-2	53	73	47	58	24.02	cps
Yttrium	89-1	6490516	6504655	6496366	6497179	0.11	cps
Yttrium	89-2	190806	191016	191786	191202	0.27	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:43:50	DataFile Name :	018ICSA01_P8082818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1170	1190	1230	1197	2.55	cps
Zirconium	90-1	10738	8712	7544	8998	17.96	cps
Zirconium	91-1	2300	2150	1734	2061	14.25	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423063	418461	415490	419005	0.91	cps
Antimony	121-1	151820	153616	153523	152986	0.66	cps
Arsenic	75-2	1459	1391	1508	1453	4.04	cps
Barium	135-1	33502	33393	33009	33301	0.78	cps
Barium	137-1	60004	57451	58873	58776	2.18	cps
Beryllium	9-1	19975	19842	18446	19421	4.36	cps
Bismuth	209-1	5830119	5780527	5767294	5792647	0.57	cps
Bismuth	209-2	1394293	1399739	1401728	1398587	0.28	cps
Boron	11-1	36807	36548	37634	36996	1.53	cps
Boron	10-1	7677	8261	8219	8053	4.04	cps
Cadmium	106-1	5593	5718	5793	5701	1.77	cps
Cadmium	108-1	3376	3321	3392	3363	1.10	cps
Cadmium	111-1	32116	32492	31623	32077	1.36	cps
Calcium	43-1	1491486	1514975	1522426	1509629	1.07	cps
Calcium	44-1	24607979	24498502	24516640	24541040	0.24	cps
Chromium	52-2	24208	24445	24021	24224	0.88	cps
Cobalt	59-2	28132	28085	27541	27919	1.18	cps
Copper	63-2	32114	32097	31994	32068	0.20	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-2	0	10	13	8	89.21	cps
Erbium	164-1	42	42	58	47	20.38	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	8702167	8611514	8735454	8683045	0.74	cps
Holmium	165-2	1774715	1793377	1785616	1784569	0.53	cps
Indium	115-1	6300171	6261136	6326133	6295813	0.52	cps
Indium	115-2	253362	254535	253174	253690	0.29	cps
Iron	56-2	40571344	40413829	40074431	40353201	0.63	cps
Iron	57-2	1016822	1009655	1009959	1012145	0.40	cps
Krypton	83-1	310	280	297	296	5.09	cps
Lead	206-1	129549	126647	127690	127962	1.15	cps
Lead	207-1	105861	107995	105570	106475	1.24	cps
Lead	208-1	497222	493745	492510	494492	0.49	cps
Lithium	6-1	1027235	1013307	1008049	1016197	0.98	cps
Magnesium	24-2	2219574	2228528	2184645	2210916	1.05	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5041	4564	4427	4678	6.89	cps
Molybdenum	94-1	3583260	3579729	3590625	3584538	0.16	cps
Molybdenum	95-1	5885628	5937001	6001844	5941491	0.98	cps
Molybdenum	96-1	6399985	6426006	6402363	6409451	0.22	cps
Molybdenum	97-1	3761804	3826900	3782719	3790474	0.88	cps
Molybdenum	98-1	9456736	9446639	9550689	9484688	0.60	cps
Neodymium	150-1	73	27	40	47	51.51	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	10147	9824	9630	9867	2.65	cps
Phosphorus	31-2	30033	29699	29457	29729	0.97	cps
Potassium	39-2	1120165	1111372	1104793	1112110	0.69	cps
Rhodium	103-1	5747800	5759180	5847047	5784676	0.94	cps
Rhodium	103-2	1535905	1536792	1537088	1536595	0.04	cps
Scandium	45-1	3651110	3607531	3649141	3635928	0.68	cps
Scandium	45-2	26358	27023	26325	26569	1.48	cps
Selenium	77-2	3	17	0	7	132.33	cps
Selenium	78-2	41	35	15	30	45.14	cps
Selenium	82-1	1831	1902	2002	1912	4.51	cps
Silicon	28-1	575332	574467	580693	576830	0.58	cps
Silver	109-1	136199	136368	135897	136155	0.18	cps
Silver	107-1	140719	143817	143329	142622	1.17	cps
Sodium	23-2	4936500	5007787	4954973	4966420	0.74	cps
Strontium	86-1	164969	163671	165652	164764	0.61	cps
Strontium	88-1	1475543	1466493	1426007	1456014	1.81	cps
Sulfur	34-1	2176881	2147206	2165953	2163347	0.69	cps
Terbium	159-1	8828609	8803238	8822123	8817990	0.15	cps
Terbium	159-2	1688155	1699727	1699334	1695739	0.39	cps
Thallium	203-1	126136	124462	128806	126468	1.73	cps
Thallium	205-1	304646	305871	303469	304662	0.39	cps
Thorium	232-1	1317	1345	1183	1282	6.72	cps
Tin	118-1	272946	275028	277688	275221	0.86	cps
Titanium	47-1	1553646	1577665	1579311	1570207	0.91	cps
Uranium	238-1	1141431	1158357	1146624	1148804	0.75	cps
Vanadium	51-2	8693	9110	8616	8806	3.02	cps
Yttrium	89-1	6512093	6486557	6488987	6495879	0.22	cps
Yttrium	89-2	189868	190935	190389	190397	0.28	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:47:08	DataFile Name :	019ICSB_P8082818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3494	3390	3127	3337	5.67	cps
Zirconium	90-1	556664	553835	560023	556841	0.56	cps
Zirconium	91-1	123582	124599	123110	123764	0.62	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252878	250717	253545	252380	0.59	cps
Antimony	121-1	3790264	3804495	3817681	3804146	0.36	cps
Arsenic	75-2	38307	38392	37970	38223	0.58	cps
Barium	135-1	3979269	4028174	3973430	3993624	0.75	cps
Barium	137-1	7019939	7082719	7013888	7038849	0.54	cps
Beryllium	9-1	490288	488914	492342	490515	0.35	cps
Bismuth	209-1	5859253	5470332	5891811	5740465	4.09	cps
Bismuth	209-2	1410176	1436649	1391172	1412666	1.62	cps
Boron	11-1	260780	270070	277089	269313	3.04	cps
Boron	10-1	54195	57148	58136	56493	3.63	cps
Cadmium	106-1	83416	83055	83106	83192	0.23	cps
Cadmium	108-1	55380	55116	55225	55241	0.24	cps
Cadmium	111-1	774868	776935	775725	775843	0.13	cps
Calcium	43-1	3875081	3860108	3849720	3861636	0.33	cps
Calcium	44-1	63310526	63975087	63308076	63531230	0.61	cps
Chromium	52-2	323376	324414	326734	324841	0.53	cps
Cobalt	59-2	674822	671489	678332	674881	0.51	cps
Copper	63-2	1120700	1122327	1129865	1124297	0.43	cps
Dysprosium	156-1	83	75	117	92	24.05	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-2	10	13	20	14	35.26	cps
Erbium	164-1	33	75	50	53	39.74	cps
Gadolinium	160-1	125	92	167	128	29.41	cps
Gadolinium	160-2	10	23	20	18	39.03	cps
Holmium	165-1	8812906	8211457	8732007	8585457	3.80	cps
Holmium	165-2	1802331	1854001	1825502	1827278	1.42	cps
Indium	115-1	6340813	5891016	6354774	6195535	4.26	cps
Indium	115-2	257646	260910	254509	257688	1.24	cps
Iron	56-2	52691494	52500996	52894112	52695534	0.37	cps
Iron	57-2	1330276	1327816	1337094	1331728	0.36	cps
Krypton	83-1	370	370	390	377	3.07	cps
Lead	206-1	2636748	2673056	2627056	2645620	0.92	cps
Lead	207-1	2430284	2420255	2391181	2413906	0.84	cps
Lead	208-1	10850062	10842284	10787716	10826687	0.31	cps
Lithium	6-1	1057395	969456	1062948	1029933	5.09	cps
Magnesium	24-2	5617963	5623685	5664743	5635464	0.45	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	174036	176375	177616	176009	1.03	cps
Molybdenum	94-1	6199204	6290173	6234572	6241316	0.73	cps
Molybdenum	95-1	7611162	7654974	7603355	7623163	0.36	cps
Molybdenum	96-1	8536159	8511988	8440042	8496063	0.59	cps
Molybdenum	97-1	4830089	4890580	4876313	4865661	0.65	cps
Molybdenum	98-1	12248109	12214088	12168828	12210342	0.33	cps
Neodymium	150-1	193	233	213	213	9.38	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	199179	201614	198949	199914	0.74	cps
Phosphorus	31-2	3501	3334	3084	3306	6.34	cps
Potassium	39-2	1489242	1472074	1500133	1487150	0.95	cps
Rhodium	103-1	5740779	5374819	5707179	5607592	3.61	cps
Rhodium	103-2	1541746	1587734	1493714	1541065	3.05	cps
Scandium	45-1	3718747	3482727	3725872	3642449	3.80	cps
Scandium	45-2	27420	28419	27197	27679	2.35	cps
Selenium	77-2	207	257	283	249	15.64	cps
Selenium	78-2	811	902	894	869	5.80	cps
Selenium	82-1	47936	48177	47940	48018	0.29	cps
Silicon	28-1	1971955	2038967	2025758	2012227	1.76	cps
Silver	109-1	3594838	3644471	3622265	3620524	0.69	cps
Silver	107-1	3827243	3800293	3771608	3799715	0.73	cps
Sodium	23-2	12960300	13079577	13080258	13040045	0.53	cps
Strontium	86-1	942850	950545	945407	946267	0.41	cps
Strontium	88-1	8211453	8299536	8279471	8263487	0.56	cps
Sulfur	34-1	557627	558342	561652	559207	0.38	cps
Terbium	159-1	8975795	8327520	8900613	8734643	4.06	cps
Terbium	159-2	1742948	1739869	1704049	1728956	1.25	cps
Thallium	203-1	3252179	3248718	3250529	3250475	0.05	cps
Thallium	205-1	7762374	7689225	7709859	7720486	0.49	cps
Thorium	232-1	11140578	11173746	11191359	11168561	0.23	cps
Tin	118-1	2578165	2590615	2591290	2586690	0.29	cps
Titanium	47-1	1989522	2026611	1986719	2000951	1.11	cps
Uranium	238-1	10792810	10836791	10813090	10814230	0.20	cps
Vanadium	51-2	231181	232465	233096	232247	0.42	cps
Yttrium	89-1	6522793	6109175	6608768	6413579	4.16	cps
Yttrium	89-2	193707	198137	191932	194592	1.64	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 13:50:27	DataFile Name :	020CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103731	103362	103946	103680	0.28	cps
Zirconium	90-1	5176052	5167973	5191872	5178632	0.23	cps
Zirconium	91-1	1144798	1146036	1143021	1144619	0.13	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	15	15	15	0.00	cps
Antimony	121-1	1533	1709	1892	1711	10.47	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	42	25	50	39	32.73	cps
Barium	137-1	75	58	58	64	15.05	cps
Beryllium	9-1	150	222	128	167	29.63	cps
Bismuth	209-1	5935748	6038049	5957941	5977246	0.90	cps
Bismuth	209-2	1495935	1482389	1502264	1493529	0.68	cps
Boron	11-1	5701	6085	5726	5838	3.68	cps
Boron	10-1	1058	1175	1058	1097	6.14	cps
Cadmium	106-1	1392	1450	1425	1422	2.06	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Cadmium	111-1	981	1030	1006	1006	2.45	cps
Calcium	43-1	592	592	525	569	6.76	cps
Calcium	44-1	15826	15718	15601	15715	0.72	cps
Chromium	52-2	463	353	310	376	21.05	cps
Cobalt	59-2	77	43	73	64	28.49	cps
Copper	63-2	453	443	460	452	1.86	cps
Dysprosium	156-1	0	25	33	19	89.22	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	3	7	3	4	43.40	cps
Erbium	164-1	42	17	8	22	78.07	cps
Gadolinium	160-1	42	125	83	83	50.00	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	8502008	8684253	8611023	8599095	1.07	cps
Holmium	165-2	1821009	1824589	1854187	1833262	0.99	cps
Indium	115-1	6511082	6651382	6539899	6567454	1.13	cps
Indium	115-2	271906	271139	273642	272229	0.47	cps
Iron	56-2	1639	1656	1645	1646	0.51	cps
Iron	57-2	39	44	33	39	14.30	cps
Krypton	83-1	407	377	300	361	15.23	cps
Lead	206-1	322	400	306	343	14.71	cps
Lead	207-1	317	361	233	304	21.36	cps
Lead	208-1	1500	1656	1278	1478	12.85	cps
Lithium	6-1	1026733	1047008	1049740	1041160	1.21	cps
Magnesium	24-2	425	442	550	472	14.37	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	103	127	111	12.12	cps
Molybdenum	94-1	958	942	717	872	15.48	cps
Molybdenum	95-1	550	600	700	617	12.39	cps
Molybdenum	96-1	708	808	900	806	11.90	cps
Molybdenum	97-1	475	342	383	400	17.05	cps
Molybdenum	98-1	983	1092	1217	1097	10.64	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	303	207	260	18.89	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2375	2717	2275	2456	9.43	cps
Rhodium	103-1	6158718	6037334	6097126	6097726	1.00	cps
Rhodium	103-2	1657955	1666067	1676328	1666783	0.55	cps
Scandium	45-1	3727522	3816286	3796663	3780157	1.23	cps
Scandium	45-2	28903	28599	28609	28704	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-99	-91	9	-61	-99.14	cps
Silicon	28-1	301567	303260	300298	301708	0.49	cps
Silver	109-1	142	133	192	156	20.28	cps
Silver	107-1	200	192	158	183	12.03	cps
Sodium	23-2	7986	8044	7919	7983	0.78	cps
Strontium	86-1	558	558	525	547	3.52	cps
Strontium	88-1	117	200	158	158	26.32	cps
Sulfur	34-1	349535	347263	350066	348955	0.43	cps
Terbium	159-1	8709117	8851007	8770139	8776754	0.81	cps
Terbium	159-2	1744447	1723590	1751991	1740009	0.85	cps
Thallium	203-1	483	517	475	492	4.48	cps
Thallium	205-1	1325	1242	1342	1303	4.11	cps
Thorium	232-1	1133	1117	1150	1133	1.47	cps
Tin	118-1	1800	1850	1725	1792	3.51	cps
Titanium	47-1	108	100	142	117	18.90	cps
Uranium	238-1	50	67	67	61	15.75	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	6579322	6627268	6658526	6621706	0.60	cps
Yttrium	89-2	199985	200858	202198	201014	0.55	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:02:26	DataFile Name :	021CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127	133	107	122	11.36	cps
Zirconium	90-1	1525	1492	1283	1433	9.14	cps
Zirconium	91-1	333	308	392	344	12.42	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	118	110	124	14.84	cps
Antimony	121-1	15743	15718	15426	15629	1.13	cps
Arsenic	75-2	56	85	67	69	21.65	cps
Barium	135-1	15218	14767	15259	15081	1.81	cps
Barium	137-1	27004	26219	27931	27051	3.17	cps
Beryllium	9-1	1139	945	1156	1080	10.87	cps
Bismuth	209-1	6076556	5839456	5744758	5886924	2.90	cps
Bismuth	209-2	1471401	1484589	1504886	1486959	1.13	cps
Boron	11-1	15884	17520	17536	16980	5.59	cps
Boron	10-1	3792	3576	3726	3698	3.00	cps
Cadmium	106-1	1825	1750	1542	1706	8.61	cps
Cadmium	108-1	138	121	142	133	8.27	cps
Cadmium	111-1	2573	2695	2476	2581	4.25	cps
Calcium	43-1	8578	8695	8628	8634	0.68	cps
Calcium	44-1	142475	143175	143132	142928	0.27	cps
Chromium	52-2	1680	1667	1730	1692	1.97	cps
Cobalt	59-2	1580	1467	1423	1490	5.43	cps
Copper	63-2	2910	2857	2940	2903	1.45	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	7	13	0	7	99.98	cps
Erbium	164-1	42	67	33	47	36.73	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	8658090	8302656	8387221	8449322	2.20	cps
Holmium	165-2	1824287	1829158	1860715	1838053	1.08	cps
Indium	115-1	6599201	6282248	6390053	6423834	2.51	cps
Indium	115-2	272003	272356	274311	272890	0.46	cps
Iron	56-2	23787	23749	24038	23858	0.66	cps
Iron	57-2	528	656	583	589	10.88	cps
Krypton	83-1	343	290	407	347	16.85	cps
Lead	206-1	5690	5879	5557	5709	2.84	cps
Lead	207-1	4884	5085	4973	4981	2.01	cps
Lead	208-1	22870	23348	22342	22853	2.20	cps
Lithium	6-1	1044917	1020470	1013833	1026407	1.59	cps
Magnesium	24-2	13123	12089	12614	12609	4.10	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	307	280	250	279	10.17	cps
Molybdenum	94-1	14283	13766	13758	13935	2.16	cps
Molybdenum	95-1	15034	15418	15368	15273	1.37	cps
Molybdenum	96-1	17462	16861	17512	17278	2.10	cps
Molybdenum	97-1	9137	9829	10004	9657	4.75	cps
Molybdenum	98-1	24189	25183	25149	24840	2.27	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	643	760	743	716	8.82	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8787	8636	8395	8606	2.30	cps
Rhodium	103-1	6151166	5911759	5929994	5997640	2.22	cps
Rhodium	103-2	1675757	1693294	1711046	1693366	1.04	cps
Scandium	45-1	3836228	3703284	3613436	3717649	3.02	cps
Scandium	45-2	28442	28389	29374	28735	1.93	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	7	7	17	10	50.93	cps
Selenium	82-1	441	524	402	455	13.64	cps
Silicon	28-1	349173	361258	349386	353272	1.96	cps
Silver	109-1	7519	7511	7569	7533	0.42	cps
Silver	107-1	7469	8411	8144	8008	6.06	cps
Sodium	23-2	35512	35471	35119	35367	0.61	cps
Strontium	86-1	2525	2892	2450	2623	9.01	cps
Strontium	88-1	16619	16903	17654	17059	3.13	cps
Sulfur	34-1	353260	352652	353883	353265	0.17	cps
Terbium	159-1	8889230	8527999	8578276	8665168	2.26	cps
Terbium	159-2	1742771	1757676	1758347	1752931	0.50	cps
Thallium	203-1	6644	7194	7019	6952	4.04	cps
Thallium	205-1	16161	17112	16320	16531	3.08	cps
Thorium	232-1	21936	22037	22471	22148	1.28	cps
Tin	118-1	26611	26669	26878	26719	0.53	cps
Titanium	47-1	4042	3851	4334	4076	5.97	cps
Uranium	238-1	20142	20618	21244	20668	2.67	cps
Vanadium	51-2	2374	2400	2304	2359	2.12	cps
Yttrium	89-1	6750723	6421444	6408823	6526997	2.97	cps
Yttrium	89-2	200935	201608	202080	201541	0.29	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:05:49	DataFile Name :	022SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	363	397	347	369	6.90	cps
Zirconium	90-1	12873	13190	13007	13023	1.22	cps
Zirconium	91-1	2934	2834	2975	2914	2.50	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	13	10	13	20.00	cps
Antimony	121-1	575	483	525	528	8.70	cps
Arsenic	75-2	6	2	9	6	66.68	cps
Barium	135-1	50	58	17	42	52.91	cps
Barium	137-1	42	42	50	44	10.82	cps
Beryllium	9-1	156	161	150	156	3.57	cps
Bismuth	209-1	5997936	5909317	5929527	5945594	0.78	cps
Bismuth	209-2	1523618	1504355	1465028	1497667	1.99	cps
Boron	11-1	5176	4968	5034	5059	2.10	cps
Boron	10-1	1250	933	1133	1106	14.49	cps
Cadmium	106-1	1725	1475	1625	1608	7.82	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	1217	1035	1132	1128	8.08	cps
Calcium	43-1	725	583	625	644	11.30	cps
Calcium	44-1	16202	16277	15993	16157	0.91	cps
Chromium	52-2	380	393	450	408	9.12	cps
Cobalt	59-2	90	53	70	71	25.82	cps
Copper	63-2	460	467	457	461	1.10	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-2	3	7	3	4	43.40	cps
Erbium	164-1	0	25	17	14	91.65	cps
Gadolinium	160-1	33	75	92	67	45.07	cps
Gadolinium	160-2	13	0	17	10	88.20	cps
Holmium	165-1	8769494	8583540	8583038	8645358	1.24	cps
Holmium	165-2	1897252	1867716	1807495	1857487	2.46	cps
Indium	115-1	6681307	6532214	6549276	6587599	1.24	cps
Indium	115-2	278969	274772	267736	273826	2.07	cps
Iron	56-2	1372	1506	1439	1439	4.63	cps
Iron	57-2	83	28	56	56	50.00	cps
Krypton	83-1	363	357	313	344	7.88	cps
Lead	206-1	378	339	372	363	5.80	cps
Lead	207-1	300	256	328	294	12.37	cps
Lead	208-1	1295	1217	1367	1293	5.80	cps
Lithium	6-1	1068197	1050657	1045741	1054865	1.12	cps
Magnesium	24-2	492	458	467	472	3.67	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	100	130	112	14.04	cps
Molybdenum	94-1	583	525	575	561	5.62	cps
Molybdenum	95-1	333	283	258	292	13.09	cps
Molybdenum	96-1	383	458	325	389	17.19	cps
Molybdenum	97-1	217	200	242	219	9.56	cps
Molybdenum	98-1	600	458	350	469	26.71	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	220	320	277	18.55	cps
Phosphorus	31-2	8	33	0	14	124.92	cps
Potassium	39-2	2450	2692	2534	2559	4.80	cps
Rhodium	103-1	6221578	6101318	6102150	6141682	1.13	cps
Rhodium	103-2	1711157	1694057	1644599	1683271	2.05	cps
Scandium	45-1	3848441	3789813	3847917	3828724	0.88	cps
Scandium	45-2	28790	29190	28412	28797	1.35	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-36	-36	66	-2	-2843.36	cps
Silicon	28-1	301433	298619	300508	300187	0.48	cps
Silver	109-1	75	117	133	108	27.74	cps
Silver	107-1	125	125	142	131	7.37	cps
Sodium	23-2	7728	7511	7952	7730	2.86	cps
Strontium	86-1	458	475	575	503	12.55	cps
Strontium	88-1	83	217	167	156	43.30	cps
Sulfur	34-1	353173	350885	355722	353260	0.69	cps
Terbium	159-1	8982065	8759534	8820999	8854199	1.30	cps
Terbium	159-2	1775620	1752945	1720590	1749718	1.58	cps
Thallium	203-1	375	442	392	403	8.61	cps
Thallium	205-1	908	958	1183	1017	14.41	cps
Thorium	232-1	711	456	639	602	21.89	cps
Tin	118-1	1292	1425	1225	1314	7.75	cps
Titanium	47-1	125	92	100	106	16.44	cps
Uranium	238-1	75	8	33	39	86.61	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	6720651	6652059	6704277	6692329	0.54	cps
Yttrium	89-2	206233	201102	197930	201755	2.08	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BL	Instrumnet Name :	P8
Client Sample ID :	PB112406BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:09:11	DataFile Name :	023CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	90	97	77	88	11.60	cps
Zirconium	90-1	1067	975	1092	1045	5.88	cps
Zirconium	91-1	158	233	208	200	19.10	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48386	48426	47300	48038	1.33	cps
Antimony	121-1	3813648	3807866	3829768	3817094	0.30	cps
Arsenic	75-2	39187	39493	39085	39255	0.54	cps
Barium	135-1	4043516	4016590	4019244	4026450	0.37	cps
Barium	137-1	7092601	7080433	7038501	7070512	0.40	cps
Beryllium	9-1	496397	495934	496939	496423	0.10	cps
Bismuth	209-1	6006223	6066817	6047669	6040237	0.51	cps
Bismuth	209-2	1487831	1485987	1467946	1480588	0.74	cps
Boron	11-1	260559	267700	271134	266464	2.02	cps
Boron	10-1	55617	54906	56764	55762	1.68	cps
Cadmium	106-1	86620	85052	84196	85289	1.44	cps
Cadmium	108-1	56861	58305	57380	57515	1.27	cps
Cadmium	111-1	803590	799997	796087	799891	0.47	cps
Calcium	43-1	781479	787943	789536	786319	0.54	cps
Calcium	44-1	13176276	13094359	12954925	13075186	0.86	cps
Chromium	52-2	320949	320109	318923	319994	0.32	cps
Cobalt	59-2	692820	693577	691589	692662	0.14	cps
Copper	63-2	1190558	1189127	1189418	1189701	0.06	cps
Dysprosium	156-1	67	33	42	47	36.74	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-2	20	10	7	12	56.76	cps
Erbium	164-1	67	33	42	47	36.74	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	8893435	8868592	8859547	8873858	0.20	cps
Holmium	165-2	1875999	1847662	1846841	1856834	0.89	cps
Indium	115-1	6470749	6526353	6537339	6511480	0.55	cps
Indium	115-2	265061	264511	263177	264250	0.37	cps
Iron	56-2	10905929	10823594	10826719	10852081	0.43	cps
Iron	57-2	271336	269924	273251	271503	0.61	cps
Krypton	83-1	337	323	310	323	4.12	cps
Lead	206-1	2643445	2650620	2652477	2648847	0.18	cps
Lead	207-1	2393770	2420451	2403050	2405757	0.56	cps
Lead	208-1	10831958	10850436	10829344	10837246	0.11	cps
Lithium	6-1	1069654	1071439	1092536	1077876	1.18	cps
Magnesium	24-2	1215860	1202114	1202350	1206775	0.65	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	182092	181238	180934	181422	0.33	cps
Molybdenum	94-1	6290742	6300775	6264633	6285383	0.30	cps
Molybdenum	95-1	7700684	7688013	7647809	7678835	0.36	cps
Molybdenum	96-1	8682417	8499674	8619344	8600478	1.08	cps
Molybdenum	97-1	4892402	4904476	4853887	4883588	0.54	cps
Molybdenum	98-1	12337665	12360290	12202284	12300080	0.69	cps
Neodymium	150-1	147	220	193	187	19.89	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	203876	202651	206223	204250	0.89	cps
Phosphorus	31-2	3609	3267	3192	3356	6.62	cps
Potassium	39-2	298881	300533	301921	300445	0.51	cps
Rhodium	103-1	6002903	6090864	6046343	6046703	0.73	cps
Rhodium	103-2	1633724	1630642	1630522	1631629	0.11	cps
Scandium	45-1	3782747	3823395	3840027	3815390	0.77	cps
Scandium	45-2	28586	28412	27875	28291	1.31	cps
Selenium	77-2	253	250	247	250	1.33	cps
Selenium	78-2	980	872	832	894	8.56	cps
Selenium	82-1	49416	48740	49260	49139	0.72	cps
Silicon	28-1	1814552	1790614	1813755	1806307	0.75	cps
Silver	109-1	3919223	3859354	3865797	3881458	0.85	cps
Silver	107-1	4030638	4059780	4044833	4045083	0.36	cps
Sodium	23-2	2741959	2713503	2730681	2728714	0.53	cps
Strontium	86-1	956993	953872	958150	956339	0.23	cps
Strontium	88-1	8379745	8243208	8323537	8315497	0.83	cps
Sulfur	34-1	581332	576139	578652	578708	0.45	cps
Terbium	159-1	9108540	9149282	9151109	9136310	0.26	cps
Terbium	159-2	1780119	1790897	1748675	1773230	1.24	cps
Thallium	203-1	3373984	3261690	3320020	3318565	1.69	cps
Thallium	205-1	7890724	7742777	7868255	7833919	1.02	cps
Thorium	232-1	11113411	11133739	11044369	11097173	0.42	cps
Tin	118-1	2613161	2589759	2582940	2595287	0.61	cps
Titanium	47-1	2010653	2021049	2006301	2012668	0.38	cps
Uranium	238-1	10232053	10200444	10208252	10213583	0.16	cps
Vanadium	51-2	239241	237282	235436	237320	0.80	cps
Yttrium	89-1	6716251	6788978	6704806	6736678	0.68	cps
Yttrium	89-2	197989	199900	197899	198596	0.57	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	PB112406BS	Instrumnet Name :	P8
Client Sample ID :	PB112406BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:19:09	DataFile Name :	026LCS6_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	109159	110002	107849	109003	1.00	cps
Zirconium	90-1	5265477	5227857	5212946	5235426	0.52	cps
Zirconium	91-1	1161783	1147843	1146806	1152144	0.73	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	290	285	302	8.18	cps
Antimony	121-1	8495	8061	8045	8200	3.11	cps
Arsenic	75-2	76	80	61	72	13.57	cps
Barium	135-1	104870	102864	104645	104126	1.06	cps
Barium	137-1	183734	179450	181249	181478	1.19	cps
Beryllium	9-1	478	333	361	391	19.62	cps
Bismuth	209-1	6549267	6653846	6542350	6581821	0.95	cps
Bismuth	209-2	1599344	1607525	1577209	1594693	0.98	cps
Boron	11-1	46535	45707	44386	45543	2.38	cps
Boron	10-1	9045	9070	9145	9087	0.57	cps
Cadmium	106-1	1867	1592	1725	1728	7.96	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Cadmium	111-1	1495	1237	1346	1359	9.51	cps
Calcium	43-1	559114	556331	553800	556415	0.48	cps
Calcium	44-1	9282699	9167644	9239371	9229905	0.63	cps
Chromium	52-2	587	630	577	598	4.74	cps
Cobalt	59-2	473	503	497	491	3.21	cps
Copper	63-2	105731	105436	103891	105019	0.94	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-2	7	13	7	9	43.25	cps
Erbium	164-1	42	50	42	44	10.82	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	9554028	9656987	9572346	9594454	0.57	cps
Holmium	165-2	2006132	2007345	1959012	1990829	1.38	cps
Indium	115-1	7148612	7292723	7172722	7204685	1.07	cps
Indium	115-2	292188	289174	286984	289449	0.90	cps
Iron	56-2	9364	9309	9042	9238	1.87	cps
Iron	57-2	261	233	272	256	7.84	cps
Krypton	83-1	377	323	290	330	13.25	cps
Lead	206-1	4195	4129	4112	4145	1.06	cps
Lead	207-1	3289	3434	3706	3477	6.09	cps
Lead	208-1	16366	16155	16583	16368	1.31	cps
Lithium	6-1	1143767	1168685	1148632	1153695	1.14	cps
Magnesium	24-2	158575	156840	158169	157861	0.57	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1110	1207	1170	1162	4.20	cps
Molybdenum	94-1	4101	4076	3726	3967	5.29	cps
Molybdenum	95-1	5977	5243	4468	5229	14.43	cps
Molybdenum	96-1	6102	5235	5110	5482	9.86	cps
Molybdenum	97-1	3576	3384	3059	3339	7.82	cps
Molybdenum	98-1	8928	8611	7244	8261	10.84	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	700	653	547	633	12.41	cps
Phosphorus	31-2	108	158	125	131	19.50	cps
Potassium	39-2	29448	30058	29782	29763	1.03	cps
Rhodium	103-1	6637988	6736746	6617319	6664017	0.96	cps
Rhodium	103-2	1806259	1793275	1768413	1789316	1.07	cps
Scandium	45-1	4173569	4167372	4166950	4169297	0.09	cps
Scandium	45-2	30644	30547	29782	30324	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-82	26	115	20	497.26	cps
Silicon	28-1	10101125	10046832	9873019	10006992	1.19	cps
Silver	109-1	1925	1959	2000	1961	1.92	cps
Silver	107-1	1784	2234	2392	2136	14.78	cps
Sodium	23-2	3476313	3482789	3441283	3466795	0.64	cps
Strontium	86-1	255244	250311	246735	250763	1.70	cps
Strontium	88-1	2261918	2215320	2213819	2230352	1.23	cps
Sulfur	34-1	427291	422821	423792	424635	0.55	cps
Terbium	159-1	9824798	9896067	9802022	9840962	0.50	cps
Terbium	159-2	1913267	1917570	1870898	1900578	1.36	cps
Thallium	203-1	1900	1859	1975	1911	3.09	cps
Thallium	205-1	5293	4359	4184	4612	12.92	cps
Thorium	232-1	3217	3117	2134	2823	21.22	cps
Tin	118-1	3184	3034	3284	3167	3.97	cps
Titanium	47-1	575	400	400	458	22.05	cps
Uranium	238-1	2417	2400	2459	2425	1.24	cps
Vanadium	51-2	360	340	363	354	3.56	cps
Yttrium	89-1	7340671	7377878	7264672	7327740	0.79	cps
Yttrium	89-2	216037	216074	212876	214996	0.85	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:22:23	DataFile Name :	027SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34222	34166	34219	34202	0.09	cps
Zirconium	90-1	2609	2592	2309	2503	6.74	cps
Zirconium	91-1	725	433	408	522	33.71	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368	278	283	309	16.36	cps
Antimony	121-1	4268	5226	4593	4696	10.38	cps
Arsenic	75-2	65	61	57	61	6.06	cps
Barium	135-1	105400	106400	103879	105226	1.21	cps
Barium	137-1	185839	181581	182958	183459	1.18	cps
Beryllium	9-1	294	244	256	265	9.92	cps
Bismuth	209-1	6689674	6661330	6555996	6635667	1.06	cps
Bismuth	209-2	1556185	1573985	1594348	1574839	1.21	cps
Boron	11-1	37667	38670	39271	38536	2.10	cps
Boron	10-1	8336	8111	7869	8105	2.88	cps
Cadmium	106-1	1759	1967	1675	1800	8.35	cps
Cadmium	108-1	25	17	29	24	26.95	cps
Cadmium	111-1	1272	1465	1211	1316	10.10	cps
Calcium	43-1	559072	558868	551358	556432	0.79	cps
Calcium	44-1	9232517	9200697	9154092	9195769	0.43	cps
Chromium	52-2	627	633	597	619	3.16	cps
Cobalt	59-2	430	477	420	442	6.84	cps
Copper	63-2	104311	105436	101799	103849	1.79	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-2	10	17	10	12	31.50	cps
Erbium	164-1	33	42	50	42	20.00	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	9619729	9735126	9618769	9657875	0.69	cps
Holmium	165-2	1923537	1945425	1968802	1945922	1.16	cps
Indium	115-1	7199400	7276368	7118657	7198141	1.10	cps
Indium	115-2	279695	283043	287313	283350	1.35	cps
Iron	56-2	8625	8870	8508	8668	2.13	cps
Iron	57-2	211	244	222	226	7.51	cps
Krypton	83-1	320	323	313	319	1.60	cps
Lead	206-1	4318	4412	4140	4290	3.22	cps
Lead	207-1	3562	3423	3573	3519	2.38	cps
Lead	208-1	16482	16227	16082	16264	1.25	cps
Lithium	6-1	1170572	1154074	1132777	1152474	1.64	cps
Magnesium	24-2	154346	153723	152451	153506	0.63	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1107	1210	1057	1125	6.95	cps
Molybdenum	94-1	2475	2592	2700	2589	4.35	cps
Molybdenum	95-1	3075	2984	2792	2950	4.90	cps
Molybdenum	96-1	3659	3342	3534	3512	4.54	cps
Molybdenum	97-1	2242	2075	1925	2081	7.61	cps
Molybdenum	98-1	5135	4826	5035	4998	3.15	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	650	563	573	596	7.96	cps
Phosphorus	31-2	108	92	133	111	18.88	cps
Potassium	39-2	29139	28680	28363	28728	1.36	cps
Rhodium	103-1	6557298	6709253	6541445	6602666	1.40	cps
Rhodium	103-2	1726433	1747694	1782833	1752320	1.63	cps
Scandium	45-1	4163985	4118456	4078401	4120281	1.04	cps
Scandium	45-2	29060	28847	29050	28986	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	44	33	85	54	50.47	cps
Silicon	28-1	10066765	9936951	9816982	9940233	1.26	cps
Silver	109-1	1892	2059	1984	1978	4.22	cps
Silver	107-1	1892	1984	2325	2067	11.05	cps
Sodium	23-2	3424044	3387128	3360959	3390710	0.93	cps
Strontium	86-1	252205	251428	247503	250379	1.01	cps
Strontium	88-1	2287968	2232493	2234010	2251490	1.40	cps
Sulfur	34-1	425021	425086	422952	424353	0.29	cps
Terbium	159-1	9948613	9889819	9754275	9864236	1.01	cps
Terbium	159-2	1817766	1871911	1889119	1859599	2.00	cps
Thallium	203-1	817	900	767	828	8.14	cps
Thallium	205-1	2059	1992	2242	2098	6.17	cps
Thorium	232-1	2506	2267	1972	2248	11.88	cps
Tin	118-1	2225	2142	2067	2145	3.69	cps
Titanium	47-1	367	367	333	356	5.41	cps
Uranium	238-1	2292	2542	2167	2334	8.18	cps
Vanadium	51-2	383	463	410	419	9.72	cps
Yttrium	89-1	7351009	7393987	7244574	7329857	1.05	cps
Yttrium	89-2	205593	207445	211431	208157	1.43	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUP	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUP	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:25:44	DataFile Name :	028SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34219	33768	34319	34102	0.86	cps
Zirconium	90-1	2100	1850	1767	1906	9.10	cps
Zirconium	91-1	433	508	375	439	15.23	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	73	55	61	16.61	cps
Antimony	121-1	2142	2142	2025	2103	3.20	cps
Arsenic	75-2	13	7	7	9	34.60	cps
Barium	135-1	19115	18572	18063	18583	2.83	cps
Barium	137-1	32349	31714	31146	31736	1.90	cps
Beryllium	9-1	239	172	194	202	16.82	cps
Bismuth	209-1	6206043	6105112	5998278	6103144	1.70	cps
Bismuth	209-2	1466274	1502057	1490695	1486342	1.23	cps
Boron	11-1	13815	13165	13590	13523	2.44	cps
Boron	10-1	3267	2875	3075	3073	6.38	cps
Cadmium	106-1	1700	1475	1517	1564	7.66	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Cadmium	111-1	1186	1050	1083	1106	6.38	cps
Calcium	43-1	96774	97336	97346	97152	0.34	cps
Calcium	44-1	1627182	1651286	1662529	1646999	1.10	cps
Chromium	52-2	363	427	413	401	8.32	cps
Cobalt	59-2	120	117	103	113	7.78	cps
Copper	63-2	18556	18856	19073	18829	1.38	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-2	13	3	3	7	86.65	cps
Erbium	164-1	25	42	75	47	53.91	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	8907269	8790933	8706226	8801476	1.15	cps
Holmium	165-2	1809149	1840473	1849479	1833034	1.15	cps
Indium	115-1	6642653	6494412	6559364	6565476	1.13	cps
Indium	115-2	263295	267018	265843	265386	0.72	cps
Iron	56-2	2817	2517	2461	2598	7.36	cps
Iron	57-2	50	72	61	61	18.18	cps
Krypton	83-1	347	340	343	343	0.97	cps
Lead	206-1	928	856	1089	957	12.48	cps
Lead	207-1	917	856	739	837	10.79	cps
Lead	208-1	3995	3767	3911	3891	2.96	cps
Lithium	6-1	1080754	1066183	1068815	1071917	0.72	cps
Magnesium	24-2	27929	27820	27503	27750	0.80	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290	307	293	297	2.97	cps
Molybdenum	94-1	900	983	908	931	4.93	cps
Molybdenum	95-1	1033	1033	875	981	9.32	cps
Molybdenum	96-1	1125	967	1242	1111	12.42	cps
Molybdenum	97-1	642	692	608	647	6.48	cps
Molybdenum	98-1	1584	1467	1517	1522	3.85	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	330	263	333	309	12.78	cps
Phosphorus	31-2	25	58	17	33	66.14	cps
Potassium	39-2	6810	6969	7094	6958	2.04	cps
Rhodium	103-1	6146183	6028139	6104730	6093017	0.98	cps
Rhodium	103-2	1655055	1646121	1676171	1659116	0.93	cps
Scandium	45-1	3805018	3726637	3705226	3745627	1.40	cps
Scandium	45-2	26756	27283	27340	27126	1.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	8	8	-12	1	1062.68	cps
Silicon	28-1	2017474	2035683	2017876	2023678	0.51	cps
Silver	109-1	1008	1042	1025	1025	1.63	cps
Silver	107-1	933	1033	1183	1050	11.98	cps
Sodium	23-2	593460	593035	589727	592074	0.35	cps
Strontium	86-1	43905	44207	44582	44231	0.77	cps
Strontium	88-1	378807	380256	381670	380244	0.38	cps
Sulfur	34-1	346940	346202	347068	346737	0.13	cps
Terbium	159-1	9188143	9021261	8925346	9044917	1.47	cps
Terbium	159-2	1730105	1754276	1750550	1744977	0.75	cps
Thallium	203-1	400	317	350	356	11.80	cps
Thallium	205-1	1133	825	833	931	18.88	cps
Thorium	232-1	1778	1889	2045	1904	7.04	cps
Tin	118-1	1417	1275	1442	1378	6.52	cps
Titanium	47-1	242	167	117	175	35.95	cps
Uranium	238-1	475	375	392	414	12.94	cps
Vanadium	51-2	67	100	90	86	19.99	cps
Yttrium	89-1	6686806	6581018	6571209	6613011	0.97	cps
Yttrium	89-2	193058	194452	195251	194254	0.57	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 14:29:06	DataFile Name :	029SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6171	6131	6145	6149	0.33	cps
Zirconium	90-1	1083	1000	917	1000	8.33	cps
Zirconium	91-1	233	375	233	281	29.15	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9586	9548	9546	9560	0.23	cps
Antimony	121-1	6393305	6408219	6354900	6385475	0.43	cps
Arsenic	75-2	65363	64049	64299	64570	1.08	cps
Barium	135-1	454044	456265	454927	455079	0.25	cps
Barium	137-1	800089	800706	794766	798520	0.41	cps
Beryllium	9-1	215911	210820	210252	212328	1.47	cps
Bismuth	209-1	6856995	6717049	6663821	6745955	1.48	cps
Bismuth	209-2	1549002	1549751	1570299	1556351	0.78	cps
Boron	11-1	192607	195466	197899	195324	1.36	cps
Boron	10-1	40709	41126	42572	41469	2.36	cps
Cadmium	106-1	32825	32757	31204	32262	2.84	cps
Cadmium	108-1	23153	22686	22557	22799	1.38	cps
Cadmium	111-1	348489	347333	345922	347248	0.37	cps
Calcium	43-1	561640	561642	559899	561060	0.18	cps
Calcium	44-1	9376236	9211370	9273673	9287093	0.90	cps
Chromium	52-2	263077	258914	258475	260155	0.98	cps
Cobalt	59-2	289563	288462	285601	287875	0.71	cps
Copper	63-2	487757	483477	482094	484443	0.61	cps
Dysprosium	156-1	310807	310342	307119	309422	0.65	cps
Dysprosium	156-2	6302	6125	6165	6197	1.50	cps
Erbium	164-2	10	3	10	8	49.52	cps
Erbium	164-1	75	75	100	83	17.33	cps
Gadolinium	160-1	158	183	158	167	8.66	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	9866289	9628152	9607913	9700785	1.48	cps
Holmium	165-2	1922826	1940324	1933035	1932062	0.45	cps
Indium	115-1	7203023	7033502	6997256	7077927	1.55	cps
Indium	115-2	271569	272794	273513	272625	0.36	cps
Iron	56-2	1340437	1339154	1332004	1337198	0.34	cps
Iron	57-2	33151	33969	32238	33119	2.62	cps
Krypton	83-1	293	370	380	348	13.63	cps
Lead	206-1	5806648	5848594	5787788	5814343	0.54	cps
Lead	207-1	5273234	5230601	5215466	5239767	0.57	cps
Lead	208-1	23800665	23674077	23638684	23704475	0.36	cps
Lithium	6-1	1171380	1130267	1125459	1142368	2.21	cps
Magnesium	24-2	193397	192689	192779	192955	0.20	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37601	36805	36047	36818	2.11	cps
Molybdenum	94-1	754362	758410	750739	754504	0.51	cps
Molybdenum	95-1	1321889	1318566	1322703	1321053	0.17	cps
Molybdenum	96-1	1465888	1464887	1471881	1467552	0.26	cps
Molybdenum	97-1	831624	825654	829749	829009	0.37	cps
Molybdenum	98-1	2151646	2190634	2189797	2177359	1.02	cps
Neodymium	150-1	60	47	27	44	37.74	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	212380	212492	211277	212050	0.32	cps
Phosphorus	31-2	1942	2034	2159	2045	5.32	cps
Potassium	39-2	149698	146304	144846	146949	1.69	cps
Rhodium	103-1	6694700	6602236	6523688	6606875	1.30	cps
Rhodium	103-2	1702391	1715082	1747216	1721563	1.34	cps
Scandium	45-1	4141672	4042292	3989637	4057867	1.90	cps
Scandium	45-2	27651	27814	28472	27979	1.55	cps
Selenium	77-2	1067	1093	1067	1076	1.43	cps
Selenium	78-2	3662	3793	3734	3730	1.77	cps
Selenium	82-1	217081	215206	214862	215716	0.55	cps
Silicon	28-1	12781658	12508319	12550609	12613529	1.17	cps
Silver	109-1	603324	600988	601166	601826	0.22	cps
Silver	107-1	626523	629706	627639	627956	0.26	cps
Sodium	23-2	3409100	3375797	3384060	3389653	0.51	cps
Strontium	86-1	655007	657875	651715	654865	0.47	cps
Strontium	88-1	5774877	5754742	5752392	5760670	0.21	cps
Sulfur	34-1	407498	404436	408409	406781	0.51	cps
Terbium	159-1	10110069	9803740	9776521	9896777	1.87	cps
Terbium	159-2	1848070	1822890	1844953	1838638	0.75	cps
Thallium	203-1	14367265	14200229	14280321	14282605	0.58	cps
Thallium	205-1	34384264	34355049	34403376	34380896	0.07	cps
Thorium	232-1	4312	3845	3195	3784	14.83	cps
Tin	118-1	4006913	4018485	3973864	3999754	0.58	cps
Titanium	47-1	173664	170449	171639	171917	0.95	cps
Uranium	238-1	2350	2467	2500	2439	3.23	cps
Vanadium	51-2	146412	146255	144058	145575	0.90	cps
Yttrium	89-1	7358995	7248180	7180157	7262444	1.24	cps
Yttrium	89-2	200937	200826	201141	200968	0.08	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MS	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:32:28	DataFile Name :	030SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55725	56374	55454	55851	0.85	cps
Zirconium	90-1	13282	10813	9445	11180	17.39	cps
Zirconium	91-1	3576	3059	2517	3050	17.35	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9361	9371	8945	9225	2.63	cps
Antimony	121-1	6267901	6223415	6155534	6215617	0.91	cps
Arsenic	75-2	62985	62135	61291	62137	1.36	cps
Barium	135-1	448620	447262	444654	446845	0.45	cps
Barium	137-1	786569	785014	773190	781591	0.94	cps
Beryllium	9-1	207022	205276	203711	205336	0.81	cps
Bismuth	209-1	6660634	6684267	6559904	6634935	1.00	cps
Bismuth	209-2	1601940	1573287	1561058	1578761	1.33	cps
Boron	11-1	192035	198930	199298	196754	2.08	cps
Boron	10-1	40767	41694	41085	41182	1.14	cps
Cadmium	106-1	31755	31647	31505	31635	0.40	cps
Cadmium	108-1	22649	22694	22327	22557	0.89	cps
Cadmium	111-1	340067	337665	338136	338623	0.38	cps
Calcium	43-1	547492	537514	542190	542399	0.92	cps
Calcium	44-1	9045279	8999821	9008123	9017741	0.27	cps
Chromium	52-2	252224	249946	244990	249053	1.49	cps
Cobalt	59-2	280499	280105	277739	279448	0.53	cps
Copper	63-2	468891	467859	462939	466563	0.68	cps
Dysprosium	156-1	306171	302620	306225	305006	0.68	cps
Dysprosium	156-2	6202	6058	6098	6119	1.21	cps
Erbium	164-2	17	7	3	9	78.08	cps
Erbium	164-1	83	83	58	75	19.24	cps
Gadolinium	160-1	175	133	167	158	13.93	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	9640775	9595290	9386010	9540692	1.42	cps
Holmium	165-2	1972262	1940999	1930467	1947909	1.12	cps
Indium	115-1	7039689	6986666	6831745	6952700	1.55	cps
Indium	115-2	277330	269171	270922	272474	1.58	cps
Iron	56-2	1305426	1285976	1283459	1291620	0.93	cps
Iron	57-2	32800	32026	33056	32628	1.64	cps
Krypton	83-1	290	317	307	304	4.43	cps
Lead	206-1	5685549	5706790	5744624	5712321	0.52	cps
Lead	207-1	5114467	5113168	5132190	5119942	0.21	cps
Lead	208-1	23273443	23238064	23261793	23257766	0.08	cps
Lithium	6-1	1160279	1171349	1116427	1149352	2.53	cps
Magnesium	24-2	191650	186085	186912	188216	1.60	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35836	35475	35449	35587	0.61	cps
Molybdenum	94-1	737889	745550	739612	741017	0.54	cps
Molybdenum	95-1	1290271	1293345	1288251	1290622	0.20	cps
Molybdenum	96-1	1405722	1430571	1391537	1409277	1.40	cps
Molybdenum	97-1	810308	813119	811366	811598	0.17	cps
Molybdenum	98-1	2118616	2130232	2136675	2128508	0.43	cps
Neodymium	150-1	53	73	47	58	24.02	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	206872	205057	204427	205452	0.62	cps
Phosphorus	31-2	2009	1967	1992	1989	1.05	cps
Potassium	39-2	143154	143768	139493	142138	1.63	cps
Rhodium	103-1	6538272	6525623	6363974	6475956	1.50	cps
Rhodium	103-2	1735514	1735553	1719989	1730352	0.52	cps
Scandium	45-1	3991047	3952368	3841815	3928410	1.97	cps
Scandium	45-2	28249	27193	26482	27308	3.26	cps
Selenium	77-2	1010	1153	1070	1078	6.68	cps
Selenium	78-2	3560	3560	3421	3513	2.28	cps
Selenium	82-1	210353	210194	210097	210215	0.06	cps
Silicon	28-1	12305628	12233930	12130037	12223199	0.72	cps
Silver	109-1	595451	593333	596208	594998	0.25	cps
Silver	107-1	615643	616580	611045	614422	0.48	cps
Sodium	23-2	3317227	3298943	3276387	3297519	0.62	cps
Strontium	86-1	644461	640546	636237	640414	0.64	cps
Strontium	88-1	5657782	5632886	5529198	5606622	1.22	cps
Sulfur	34-1	399088	394378	391526	394998	0.97	cps
Terbium	159-1	9885463	9793428	9587739	9755543	1.56	cps
Terbium	159-2	1906099	1832827	1840794	1859907	2.16	cps
Thallium	203-1	14064637	14133958	13932965	14043853	0.73	cps
Thallium	205-1	33820414	33882513	33701164	33801364	0.27	cps
Thorium	232-1	2350	2128	2223	2234	4.99	cps
Tin	118-1	3917596	3880651	3882760	3893669	0.53	cps
Titanium	47-1	168757	166705	161596	165686	2.23	cps
Uranium	238-1	2459	2367	2550	2459	3.73	cps
Vanadium	51-2	141617	140923	138832	140457	1.03	cps
Yttrium	89-1	7162794	7136131	7036232	7111719	0.94	cps
Yttrium	89-2	205740	202078	201105	202974	1.20	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSD	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSD	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:35:46	DataFile Name :	031SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53884	53232	53329	53482	0.66	cps
Zirconium	90-1	5585	5276	4851	5237	7.03	cps
Zirconium	91-1	1967	1509	1492	1656	16.28	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9325	9010	8868	9068	2.58	cps
Antimony	121-1	6345928	6271177	6263869	6293658	0.72	cps
Arsenic	75-2	63428	63082	62392	62967	0.84	cps
Barium	135-1	455552	455800	453899	455084	0.23	cps
Barium	137-1	806589	797827	788529	797648	1.13	cps
Beryllium	9-1	209305	206730	205728	207254	0.89	cps
Bismuth	209-1	6711760	6152898	6689178	6517945	4.85	cps
Bismuth	209-2	1586385	1571271	1573906	1577187	0.51	cps
Boron	11-1	199634	201580	203077	201430	0.86	cps
Boron	10-1	41720	43199	42063	42327	1.83	cps
Cadmium	106-1	31270	32757	33142	32390	3.05	cps
Cadmium	108-1	22310	23170	22669	22717	1.90	cps
Cadmium	111-1	346820	344334	340509	343888	0.92	cps
Calcium	43-1	549236	549491	536841	545189	1.33	cps
Calcium	44-1	9154463	9071823	8938259	9054849	1.20	cps
Chromium	52-2	251784	250614	247539	249979	0.88	cps
Cobalt	59-2	281448	281407	276899	279918	0.93	cps
Copper	63-2	469547	470433	463110	467697	0.85	cps
Dysprosium	156-1	310344	312117	308421	310294	0.60	cps
Dysprosium	156-2	6185	6045	6058	6096	1.27	cps
Erbium	164-2	23	3	13	13	75.02	cps
Erbium	164-1	75	50	67	64	19.92	cps
Gadolinium	160-1	233	133	125	164	36.78	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	9750444	8612430	9566258	9309711	6.56	cps
Holmium	165-2	1956543	1966740	1949583	1957622	0.44	cps
Indium	115-1	7037059	6232858	6959682	6743200	6.58	cps
Indium	115-2	271973	267864	266500	268779	1.06	cps
Iron	56-2	1304893	1294533	1273044	1290823	1.26	cps
Iron	57-2	32783	32845	32611	32746	0.37	cps
Krypton	83-1	383	437	293	371	19.52	cps
Lead	206-1	5847796	5923225	5758233	5843085	1.41	cps
Lead	207-1	5317557	5334613	5217962	5290044	1.19	cps
Lead	208-1	23960137	24050143	23525878	23845386	1.18	cps
Lithium	6-1	1159035	1053890	1143170	1118698	5.07	cps
Magnesium	24-2	188853	184491	185783	186375	1.20	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35702	35235	35803	35580	0.85	cps
Molybdenum	94-1	754523	745899	741848	747423	0.87	cps
Molybdenum	95-1	1320457	1305570	1287217	1304415	1.28	cps
Molybdenum	96-1	1459460	1462757	1418639	1446952	1.70	cps
Molybdenum	97-1	832112	824580	812367	823020	1.21	cps
Molybdenum	98-1	2146962	2172308	2143962	2154410	0.72	cps
Neodymium	150-1	80	53	80	71	21.64	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	205773	206521	200443	204246	1.62	cps
Phosphorus	31-2	2042	2100	1959	2034	3.50	cps
Potassium	39-2	141589	140822	138752	140388	1.05	cps
Rhodium	103-1	6486865	5864502	6522908	6291425	5.88	cps
Rhodium	103-2	1712690	1705692	1670248	1696210	1.34	cps
Scandium	45-1	3966834	3530019	3873695	3790182	6.07	cps
Scandium	45-2	27384	27367	26462	27071	1.95	cps
Selenium	77-2	1067	1023	1117	1069	4.37	cps
Selenium	78-2	3643	3688	3588	3639	1.38	cps
Selenium	82-1	214013	214212	211215	213147	0.79	cps
Silicon	28-1	12345030	12283694	12186313	12271679	0.65	cps
Silver	109-1	604496	600439	597308	600748	0.60	cps
Silver	107-1	627694	634314	620698	627568	1.08	cps
Sodium	23-2	3294300	3282666	3228208	3268391	1.08	cps
Strontium	86-1	650072	650727	642464	647754	0.71	cps
Strontium	88-1	5750243	5756831	5608553	5705209	1.47	cps
Sulfur	34-1	398269	396121	395243	396544	0.39	cps
Terbium	159-1	9902239	8796860	9769852	9489651	6.36	cps
Terbium	159-2	1874959	1852590	1841301	1856283	0.92	cps
Thallium	203-1	14498663	14426329	14202979	14375991	1.07	cps
Thallium	205-1	34750422	34626339	34208855	34528539	0.82	cps
Thorium	232-1	1511	1456	1667	1545	7.09	cps
Tin	118-1	3979035	3934040	3944745	3952607	0.59	cps
Titanium	47-1	168789	168892	163865	167182	1.72	cps
Uranium	238-1	2475	2400	2609	2495	4.23	cps
Vanadium	51-2	141859	140442	138984	140428	1.02	cps
Yttrium	89-1	7171730	6427480	7110448	6903219	5.98	cps
Yttrium	89-2	201405	199355	195509	198756	1.51	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01A	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:39:04	DataFile Name :	032SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54671	53500	53443	53871	1.29	cps
Zirconium	90-1	4268	4084	4026	4126	3.06	cps
Zirconium	91-1	1450	1417	1275	1381	6.73	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	323	278	298	7.70	cps
Antimony	121-1	17496	17270	17070	17279	1.23	cps
Arsenic	75-2	52	65	78	65	20.00	cps
Barium	135-1	107854	106333	106081	106756	0.90	cps
Barium	137-1	184664	186378	187201	186081	0.70	cps
Beryllium	9-1	328	311	333	324	3.57	cps
Bismuth	209-1	6597077	6759735	6844706	6733839	1.87	cps
Bismuth	209-2	1654644	1598602	1583238	1612162	2.33	cps
Boron	11-1	47429	47722	47054	47402	0.71	cps
Boron	10-1	9979	9504	10096	9859	3.18	cps
Cadmium	106-1	1850	1800	1700	1784	4.28	cps
Cadmium	108-1	29	25	21	25	16.68	cps
Cadmium	111-1	1354	1376	1267	1332	4.32	cps
Calcium	43-1	542324	537025	543948	541099	0.67	cps
Calcium	44-1	8985562	8961890	9050831	8999428	0.51	cps
Chromium	52-2	633	667	703	668	5.24	cps
Cobalt	59-2	693	653	680	676	3.01	cps
Copper	63-2	81363	80451	80056	80623	0.83	cps
Dysprosium	156-1	117	50	50	72	53.30	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-2	3	3	10	6	69.34	cps
Erbium	164-1	100	25	75	67	57.28	cps
Gadolinium	160-1	75	33	25	44	60.28	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	9609397	9819070	9774163	9734210	1.13	cps
Holmium	165-2	1981570	1966104	1973127	1973600	0.39	cps
Indium	115-1	7119628	7171042	7174836	7155169	0.43	cps
Indium	115-2	277134	278591	275802	277175	0.50	cps
Iron	56-2	7902	8292	8208	8134	2.52	cps
Iron	57-2	206	250	200	219	12.54	cps
Krypton	83-1	427	350	337	371	13.09	cps
Lead	206-1	2745	2189	2717	2550	12.28	cps
Lead	207-1	2278	2261	2311	2284	1.12	cps
Lead	208-1	10496	9546	11020	10354	7.21	cps
Lithium	6-1	1161031	1166422	1170646	1166033	0.41	cps
Magnesium	24-2	148990	146445	145403	146946	1.26	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1383	1153	1180	1239	10.16	cps
Molybdenum	94-1	3050	2742	2417	2737	11.58	cps
Molybdenum	95-1	3967	3759	4026	3917	3.58	cps
Molybdenum	96-1	4201	4359	4451	4337	2.92	cps
Molybdenum	97-1	2509	2584	2100	2398	10.85	cps
Molybdenum	98-1	6210	6252	6227	6229	0.34	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	620	587	633	613	3.92	cps
Phosphorus	31-2	58	108	142	103	40.81	cps
Potassium	39-2	26668	26493	26392	26518	0.53	cps
Rhodium	103-1	6462597	6576490	6683237	6574108	1.68	cps
Rhodium	103-2	1725020	1734481	1725914	1728472	0.30	cps
Scandium	45-1	3792056	3899747	3997743	3896515	2.64	cps
Scandium	45-2	27197	26602	27216	27005	1.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-9	9	58	19	180.30	cps
Silicon	28-1	9424830	9312599	9391458	9376296	0.61	cps
Silver	109-1	1258	1400	1075	1245	13.10	cps
Silver	107-1	1358	1417	1342	1372	2.87	cps
Sodium	23-2	3246765	3225921	3205955	3226214	0.63	cps
Strontium	86-1	254872	251472	256878	254407	1.07	cps
Strontium	88-1	2277283	2244484	2295540	2272435	1.14	cps
Sulfur	34-1	395868	399973	402251	399364	0.81	cps
Terbium	159-1	9754329	9866589	10027071	9882663	1.39	cps
Terbium	159-2	1865329	1860139	1856083	1860517	0.25	cps
Thallium	203-1	2600	2384	2575	2520	4.71	cps
Thallium	205-1	6152	5818	6269	6080	3.85	cps
Thorium	232-1	217	256	700	391	68.75	cps
Tin	118-1	4659	4359	4351	4457	3.94	cps
Titanium	47-1	408	367	300	358	15.25	cps
Uranium	238-1	2550	2584	2600	2578	0.99	cps
Vanadium	51-2	340	367	380	362	5.62	cps
Yttrium	89-1	7043698	7238842	7226603	7169715	1.52	cps
Yttrium	89-2	200379	200285	201915	200860	0.46	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02	Instrumnet Name :	P8
Client Sample ID :	JH-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:42:22	DataFile Name :	033SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15329	15612	15399	15447	0.96	cps
Zirconium	90-1	1525	1542	1458	1508	2.92	cps
Zirconium	91-1	358	267	325	317	14.65	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232489	234751	231878	233039	0.65	cps
Antimony	121-1	3725231	3709047	3716696	3716992	0.22	cps
Arsenic	75-2	36524	36288	35976	36263	0.76	cps
Barium	135-1	4070176	4062234	4024086	4052165	0.61	cps
Barium	137-1	7116914	7052407	7084103	7084475	0.46	cps
Beryllium	9-1	477109	477990	479711	478270	0.28	cps
Bismuth	209-1	6002929	5972815	6022502	5999415	0.42	cps
Bismuth	209-2	1409065	1416533	1417009	1414203	0.32	cps
Boron	11-1	260610	266875	273538	267008	2.42	cps
Boron	10-1	56295	56035	57491	56607	1.37	cps
Cadmium	106-1	82578	83274	82385	82746	0.57	cps
Cadmium	108-1	56196	55987	55556	55913	0.58	cps
Cadmium	111-1	772003	777595	767935	772511	0.63	cps
Calcium	43-1	3725983	3748675	3777329	3750662	0.69	cps
Calcium	44-1	61507589	62099018	61771114	61792574	0.48	cps
Chromium	52-2	305343	306058	305200	305534	0.15	cps
Cobalt	59-2	639327	642850	640365	640847	0.28	cps
Copper	63-2	1074645	1084116	1074609	1077790	0.51	cps
Dysprosium	156-1	158	92	108	119	29.05	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-2	17	10	10	12	31.50	cps
Erbium	164-1	117	50	50	72	53.30	cps
Gadolinium	160-1	83	92	108	94	13.48	cps
Gadolinium	160-2	27	7	17	17	59.99	cps
Holmium	165-1	8982440	8871167	8956637	8936748	0.65	cps
Holmium	165-2	1834468	1843941	1829685	1836031	0.40	cps
Indium	115-1	6424046	6297328	6310114	6343829	1.10	cps
Indium	115-2	249035	250608	249742	249795	0.32	cps
Iron	56-2	50148821	50324784	49845934	50106513	0.48	cps
Iron	57-2	1254525	1258568	1248163	1253752	0.42	cps
Krypton	83-1	353	343	367	354	3.30	cps
Lead	206-1	2691313	2704911	2731983	2709402	0.76	cps
Lead	207-1	2454619	2479484	2488224	2474109	0.70	cps
Lead	208-1	11022444	11093057	11118028	11077843	0.45	cps
Lithium	6-1	1090686	1063842	1074538	1076355	1.26	cps
Magnesium	24-2	5254158	5323265	5294034	5290486	0.66	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164148	165794	166108	165350	0.64	cps
Molybdenum	94-1	6255796	6223646	6219026	6232823	0.32	cps
Molybdenum	95-1	7672388	7647611	7563308	7627769	0.75	cps
Molybdenum	96-1	8510337	8598784	8487867	8532329	0.69	cps
Molybdenum	97-1	4913597	4871618	4830299	4871838	0.85	cps
Molybdenum	98-1	12298610	12244883	12287254	12276916	0.23	cps
Neodymium	150-1	213	187	200	200	6.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	190259	191497	189749	190502	0.47	cps
Phosphorus	31-2	2867	3092	3175	3045	5.24	cps
Potassium	39-2	1362166	1363676	1381869	1369237	0.80	cps
Rhodium	103-1	5818306	5748976	5783011	5783431	0.60	cps
Rhodium	103-2	1482610	1480329	1519067	1494002	1.45	cps
Scandium	45-1	3630627	3599297	3620175	3616700	0.44	cps
Scandium	45-2	24929	25453	26368	25583	2.85	cps
Selenium	77-2	230	213	267	237	11.53	cps
Selenium	78-2	839	870	804	838	3.98	cps
Selenium	82-1	47319	47334	46990	47214	0.41	cps
Silicon	28-1	1899766	1941273	1958712	1933250	1.57	cps
Silver	109-1	3676269	3672258	3625710	3658079	0.77	cps
Silver	107-1	3827134	3822664	3833294	3827698	0.14	cps
Sodium	23-2	12129444	12196717	12080659	12135607	0.48	cps
Strontium	86-1	929987	934140	926565	930231	0.41	cps
Strontium	88-1	8200607	8147884	8103938	8150810	0.59	cps
Sulfur	34-1	550895	549994	546205	549031	0.45	cps
Terbium	159-1	9255921	9147974	9141715	9181870	0.70	cps
Terbium	159-2	1734028	1728980	1766164	1743057	1.16	cps
Thallium	203-1	3345186	3297903	3336992	3326694	0.76	cps
Thallium	205-1	7902523	7874437	7837436	7871466	0.41	cps
Thorium	232-1	11479806	11470475	11547015	11499098	0.36	cps
Tin	118-1	2627164	2584963	2598934	2603687	0.83	cps
Titanium	47-1	1935238	1906572	1943229	1928346	1.00	cps
Uranium	238-1	11120579	11159951	11063593	11114708	0.44	cps
Vanadium	51-2	220655	221919	219144	220573	0.63	cps
Yttrium	89-1	6632657	6508771	6569964	6570464	0.94	cps
Yttrium	89-2	187498	188532	187498	187842	0.32	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:45:43	DataFile Name :	034CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	98614	98013	98487	98371	0.32	cps
Zirconium	90-1	5213517	5193681	5151088	5186095	0.62	cps
Zirconium	91-1	1148695	1139472	1129257	1139141	0.85	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	23	5	17	60.63	cps
Antimony	121-1	2675	2859	3017	2850	6.00	cps
Arsenic	75-2	9	7	0	6	88.19	cps
Barium	135-1	42	25	75	47	53.91	cps
Barium	137-1	83	67	83	78	12.37	cps
Beryllium	9-1	228	278	183	230	20.58	cps
Bismuth	209-1	6108027	6115406	6186647	6136693	0.71	cps
Bismuth	209-2	1488013	1475563	1507913	1490496	1.09	cps
Boron	11-1	7902	7953	7902	7919	0.37	cps
Boron	10-1	1667	1567	1734	1656	5.07	cps
Cadmium	106-1	1659	1600	1400	1553	8.73	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Cadmium	111-1	1207	1129	990	1109	9.93	cps
Calcium	43-1	450	408	583	481	19.02	cps
Calcium	44-1	14375	13766	14358	14166	2.45	cps
Chromium	52-2	390	470	457	439	9.77	cps
Cobalt	59-2	53	67	37	52	28.78	cps
Copper	63-2	447	550	483	493	10.62	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-2	3	0	10	4	114.60	cps
Erbium	164-1	50	17	42	36	48.03	cps
Gadolinium	160-1	83	33	83	67	43.30	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	8723420	8844361	8735160	8767647	0.76	cps
Holmium	165-2	1821918	1821688	1835256	1826287	0.43	cps
Indium	115-1	6519375	6587053	6606130	6570852	0.69	cps
Indium	115-2	264019	261882	265848	263916	0.75	cps
Iron	56-2	1495	1511	1456	1487	1.92	cps
Iron	57-2	50	67	44	54	21.53	cps
Krypton	83-1	330	380	230	313	24.37	cps
Lead	206-1	417	378	328	374	11.91	cps
Lead	207-1	372	261	328	320	17.46	cps
Lead	208-1	1600	1389	1517	1502	7.08	cps
Lithium	6-1	1078950	1088679	1091919	1086516	0.62	cps
Magnesium	24-2	358	358	550	422	26.21	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	107	80	96	14.52	cps
Molybdenum	94-1	833	808	825	822	1.55	cps
Molybdenum	95-1	683	625	525	611	13.10	cps
Molybdenum	96-1	983	800	800	861	12.29	cps
Molybdenum	97-1	558	492	458	503	10.13	cps
Molybdenum	98-1	1108	975	1033	1039	6.43	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	223	210	211	5.54	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2209	2209	2042	2153	4.47	cps
Rhodium	103-1	6131495	6142376	6124058	6132643	0.15	cps
Rhodium	103-2	1633630	1631602	1659063	1641432	0.93	cps
Scandium	45-1	3653809	3667991	3680257	3667352	0.36	cps
Scandium	45-2	25988	26305	26241	26178	0.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-14	-60	127	18	555.69	cps
Silicon	28-1	286980	285620	285033	285878	0.35	cps
Silver	109-1	342	325	367	344	6.09	cps
Silver	107-1	450	333	375	386	15.31	cps
Sodium	23-2	6477	6702	6760	6646	2.25	cps
Strontium	86-1	517	458	467	481	6.57	cps
Strontium	88-1	233	225	158	206	20.00	cps
Sulfur	34-1	339275	341458	341005	340579	0.34	cps
Terbium	159-1	9071343	9089623	8934350	9031772	0.94	cps
Terbium	159-2	1719942	1754901	1750347	1741730	1.09	cps
Thallium	203-1	683	692	683	686	0.70	cps
Thallium	205-1	1817	1592	1617	1675	7.36	cps
Thorium	232-1	1039	1195	1045	1093	8.08	cps
Tin	118-1	2034	2117	2100	2084	2.12	cps
Titanium	47-1	92	133	150	125	24.04	cps
Uranium	238-1	67	17	25	36	74.18	cps
Vanadium	51-2	0	13	10	8	89.21	cps
Yttrium	89-1	6557951	6619223	6568759	6581978	0.50	cps
Yttrium	89-2	189457	190992	193778	191409	1.14	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 14:57:34	DataFile Name :	035CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117	137	120	124	8.61	cps
Zirconium	90-1	1342	1333	1042	1239	13.79	cps
Zirconium	91-1	275	258	367	300	19.45	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98	75	55	76	28.04	cps
Antimony	121-1	2334	2525	2992	2617	12.94	cps
Arsenic	75-2	20	7	20	16	46.62	cps
Barium	135-1	30344	31263	30244	30617	1.83	cps
Barium	137-1	54229	53375	54129	53911	0.87	cps
Beryllium	9-1	161	150	206	172	17.07	cps
Bismuth	209-1	6851222	6867017	6701372	6806537	1.34	cps
Bismuth	209-2	1607668	1600207	1605251	1604375	0.24	cps
Boron	11-1	12364	11780	11822	11989	2.72	cps
Boron	10-1	2692	2534	2725	2650	3.87	cps
Cadmium	106-1	1700	1792	1717	1736	2.81	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Cadmium	111-1	1219	1304	1243	1255	3.47	cps
Calcium	43-1	374808	369659	369201	371223	0.84	cps
Calcium	44-1	6213723	6196265	6138790	6182926	0.63	cps
Chromium	52-2	937	943	867	916	4.64	cps
Cobalt	59-2	70	67	30	56	39.95	cps
Copper	63-2	296438	292277	293355	294023	0.73	cps
Dysprosium	156-1	217	233	242	231	5.52	cps
Dysprosium	156-2	47	50	60	52	13.28	cps
Erbium	164-2	40	47	20	36	39.03	cps
Erbium	164-1	175	133	158	156	13.48	cps
Gadolinium	160-1	317	233	175	242	29.46	cps
Gadolinium	160-2	70	57	90	72	23.23	cps
Holmium	165-1	9799388	9920404	9656813	9792201	1.35	cps
Holmium	165-2	2000328	1966460	1961400	1976063	1.07	cps
Indium	115-1	7386685	7349464	7095493	7277214	2.18	cps
Indium	115-2	282178	284145	282164	282829	0.40	cps
Iron	56-2	6657	6157	6085	6300	4.95	cps
Iron	57-2	144	156	150	150	3.70	cps
Krypton	83-1	370	253	287	303	19.81	cps
Lead	206-1	1828	1661	1689	1726	5.17	cps
Lead	207-1	1500	1450	1217	1389	10.89	cps
Lead	208-1	7023	6618	6451	6697	4.40	cps
Lithium	6-1	1194225	1193191	1157647	1181688	1.76	cps
Magnesium	24-2	295082	291506	288322	291637	1.16	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	137	140	149	12.33	cps
Molybdenum	94-1	867	775	642	761	14.87	cps
Molybdenum	95-1	400	467	458	442	8.23	cps
Molybdenum	96-1	775	742	792	770	3.31	cps
Molybdenum	97-1	417	375	342	378	9.95	cps
Molybdenum	98-1	683	858	842	795	12.16	cps
Neodymium	150-1	420	293	360	358	17.71	cps
Neodymium	150-2	33	50	47	43	20.36	cps
Nickel	60-2	463	447	490	467	4.68	cps
Phosphorus	31-2	75	83	67	75	11.11	cps
Potassium	39-2	24422	24814	24506	24581	0.84	cps
Rhodium	103-1	6830876	6750602	6590356	6723945	1.82	cps
Rhodium	103-2	1785388	1768882	1747886	1767386	1.06	cps
Scandium	45-1	4130343	4105296	3982065	4072568	1.95	cps
Scandium	45-2	28542	28045	27955	28181	1.12	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	78	201	153	144	42.99	cps
Silicon	28-1	27322275	27031441	26802511	27052076	0.96	cps
Silver	109-1	1033	875	1075	995	10.61	cps
Silver	107-1	1117	1092	1217	1142	5.79	cps
Sodium	23-2	1243557	1212989	1227979	1228175	1.24	cps
Strontium	86-1	138471	140776	138041	139096	1.06	cps
Strontium	88-1	1211777	1211243	1195217	1206079	0.78	cps
Sulfur	34-1	516684	518769	514407	516620	0.42	cps
Terbium	159-1	9949122	10117073	9837770	9967988	1.41	cps
Terbium	159-2	1884385	1919707	1889177	1897756	1.01	cps
Thallium	203-1	1125	1108	967	1067	8.16	cps
Thallium	205-1	2475	2300	2442	2406	3.86	cps
Thorium	232-1	394	422	356	391	8.57	cps
Tin	118-1	4134	4059	4026	4073	1.36	cps
Titanium	47-1	433	325	525	428	23.40	cps
Uranium	238-1	3659	3776	3659	3698	1.82	cps
Vanadium	51-2	100	153	123	126	21.30	cps
Yttrium	89-1	7443735	7349902	7195041	7329560	1.71	cps
Yttrium	89-2	204948	205814	204166	204976	0.40	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:07:18	DataFile Name :	037SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2557	2337	2514	2469	4.72	cps
Zirconium	90-1	1450	1167	1217	1278	11.84	cps
Zirconium	91-1	283	308	225	272	15.71	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	60	78	73	16.11	cps
Antimony	121-1	2367	2559	2792	2573	8.27	cps
Arsenic	75-2	19	9	20	16	37.09	cps
Barium	135-1	31489	30210	29709	30469	3.01	cps
Barium	137-1	54188	53300	52221	53236	1.85	cps
Beryllium	9-1	139	122	122	128	7.53	cps
Bismuth	209-1	6734992	6734756	6802610	6757453	0.58	cps
Bismuth	209-2	1615861	1664990	1592663	1624505	2.27	cps
Boron	11-1	11405	11038	11830	11424	3.47	cps
Boron	10-1	2134	2575	2434	2381	9.47	cps
Cadmium	106-1	1884	1709	1825	1806	4.94	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Cadmium	111-1	1375	1229	1346	1317	5.87	cps
Calcium	43-1	375371	373331	369775	372826	0.76	cps
Calcium	44-1	6282750	6292070	6179161	6251327	1.00	cps
Chromium	52-2	937	920	930	929	0.90	cps
Cobalt	59-2	53	50	57	53	6.25	cps
Copper	63-2	251900	253275	252696	252624	0.27	cps
Dysprosium	156-1	183	125	133	147	21.43	cps
Dysprosium	156-2	27	17	17	20	28.86	cps
Erbium	164-2	13	23	23	20	28.87	cps
Erbium	164-1	150	108	117	125	17.64	cps
Gadolinium	160-1	200	175	175	183	7.87	cps
Gadolinium	160-2	43	60	30	44	33.82	cps
Holmium	165-1	9873130	9866213	9710699	9816681	0.94	cps
Holmium	165-2	2020296	2001794	1987509	2003200	0.82	cps
Indium	115-1	7247977	7215620	7209868	7224488	0.28	cps
Indium	115-2	282328	279169	276939	279479	0.97	cps
Iron	56-2	3456	3178	3234	3289	4.47	cps
Iron	57-2	106	83	122	104	18.81	cps
Krypton	83-1	317	307	330	318	3.68	cps
Lead	206-1	3395	3656	3439	3497	4.00	cps
Lead	207-1	3200	2889	3078	3056	5.13	cps
Lead	208-1	13931	13676	13864	13824	0.96	cps
Lithium	6-1	1189007	1200526	1194485	1194673	0.48	cps
Magnesium	24-2	300763	293566	297655	297328	1.21	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	157	137	156	11.80	cps
Molybdenum	94-1	758	658	775	731	8.64	cps
Molybdenum	95-1	392	508	450	450	12.96	cps
Molybdenum	96-1	700	608	550	619	12.21	cps
Molybdenum	97-1	292	350	333	325	9.25	cps
Molybdenum	98-1	925	733	692	783	15.89	cps
Neodymium	150-1	187	167	227	193	15.80	cps
Neodymium	150-2	20	27	33	27	24.99	cps
Nickel	60-2	4411	4364	4464	4413	1.13	cps
Phosphorus	31-2	58	75	42	58	28.57	cps
Potassium	39-2	24764	23437	24664	24288	3.04	cps
Rhodium	103-1	6634149	6605731	6590148	6610009	0.34	cps
Rhodium	103-2	1752655	1750816	1724871	1742781	0.89	cps
Scandium	45-1	3994666	3979564	3961316	3978515	0.42	cps
Scandium	45-2	27300	27464	27210	27325	0.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	102	124	119	115	10.21	cps
Silicon	28-1	26865075	26660612	26602784	26709490	0.52	cps
Silver	109-1	1033	1258	1208	1167	10.13	cps
Silver	107-1	1233	1225	1133	1197	4.63	cps
Sodium	23-2	1175129	1194011	1177731	1182290	0.87	cps
Strontium	86-1	140154	140610	140886	140550	0.26	cps
Strontium	88-1	1230101	1226079	1206776	1220985	1.02	cps
Sulfur	34-1	506913	499548	503712	503391	0.73	cps
Terbium	159-1	9994749	10025720	9885808	9968759	0.74	cps
Terbium	159-2	1898377	1912125	1862060	1890854	1.37	cps
Thallium	203-1	733	742	592	689	12.24	cps
Thallium	205-1	1567	1925	1667	1720	10.75	cps
Thorium	232-1	422	422	344	396	11.33	cps
Tin	118-1	2392	2625	2700	2573	6.25	cps
Titanium	47-1	458	517	483	486	6.02	cps
Uranium	238-1	3084	3459	3476	3339	6.63	cps
Vanadium	51-2	100	110	97	102	6.79	cps
Yttrium	89-1	7300781	7198412	7236216	7245136	0.71	cps
Yttrium	89-2	202637	200822	200085	201181	0.65	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04	Instrumnet Name :	P8
Client Sample ID :	NR-SHWR	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:10:41	DataFile Name :	038SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3617	3390	3544	3517	3.29	cps
Zirconium	90-1	1225	1192	1208	1208	1.38	cps
Zirconium	91-1	208	217	217	214	2.25	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	70	63	62	14.24	cps
Antimony	121-1	2075	2250	2117	2147	4.26	cps
Arsenic	75-2	11	9	2	7	66.16	cps
Barium	135-1	2659	2634	2742	2678	2.12	cps
Barium	137-1	4568	4518	4718	4601	2.26	cps
Beryllium	9-1	167	150	183	167	10.00	cps
Bismuth	209-1	6482334	6938058	6834991	6751794	3.54	cps
Bismuth	209-2	1722165	1612091	1600300	1644852	4.09	cps
Boron	11-1	7277	6860	7002	7047	3.01	cps
Boron	10-1	1333	1408	1533	1425	7.09	cps
Cadmium	106-1	1383	1609	1675	1556	9.82	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1021	1170	1188	1126	8.13	cps
Calcium	43-1	14650	13983	14583	14405	2.55	cps
Calcium	44-1	248072	242292	244207	244857	1.20	cps
Chromium	52-2	423	467	423	438	5.71	cps
Cobalt	59-2	57	63	87	69	22.87	cps
Copper	63-2	64070	64054	62905	63676	1.05	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-2	7	7	10	8	24.71	cps
Erbium	164-1	33	17	42	31	41.66	cps
Gadolinium	160-1	75	133	83	97	32.45	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	9069526	9898409	9855466	9607800	4.86	cps
Holmium	165-2	2041050	1972183	1961666	1991633	2.16	cps
Indium	115-1	6779220	7285654	7223328	7096068	3.89	cps
Indium	115-2	284807	277657	273594	278686	2.04	cps
Iron	56-2	1767	1784	1717	1756	1.98	cps
Iron	57-2	39	22	72	44	57.29	cps
Krypton	83-1	363	330	320	338	6.72	cps
Lead	206-1	467	400	622	496	22.98	cps
Lead	207-1	494	478	461	478	3.49	cps
Lead	208-1	2133	2011	2189	2111	4.31	cps
Lithium	6-1	1111855	1181900	1181364	1158373	3.48	cps
Magnesium	24-2	10696	10521	9971	10396	3.64	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	303	250	272	10.20	cps
Molybdenum	94-1	283	333	342	319	9.88	cps
Molybdenum	95-1	258	183	167	203	24.08	cps
Molybdenum	96-1	300	283	242	275	10.93	cps
Molybdenum	97-1	125	133	200	153	26.91	cps
Molybdenum	98-1	317	358	233	303	21.02	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	390	437	437	421	6.40	cps
Phosphorus	31-2	0	25	25	17	86.60	cps
Potassium	39-2	5643	5601	5326	5524	3.12	cps
Rhodium	103-1	6285437	6852481	6711718	6616545	4.46	cps
Rhodium	103-2	1818217	1759927	1765148	1781097	1.81	cps
Scandium	45-1	3628401	3946832	3941434	3838889	4.75	cps
Scandium	45-2	27811	26706	26452	26990	2.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-57	7	11	-13	-291.93	cps
Silicon	28-1	1435195	1432531	1445868	1437865	0.49	cps
Silver	109-1	1033	1042	1117	1064	4.31	cps
Silver	107-1	1150	1000	1300	1150	13.04	cps
Sodium	23-2	133244	133177	133150	133190	0.04	cps
Strontium	86-1	7886	7386	7636	7636	3.28	cps
Strontium	88-1	65910	66178	65885	65991	0.25	cps
Sulfur	34-1	299033	303806	301979	301606	0.80	cps
Terbium	159-1	9267314	10142433	10036670	9815473	4.87	cps
Terbium	159-2	1942636	1878878	1854635	1892049	2.40	cps
Thallium	203-1	392	342	558	431	26.35	cps
Thallium	205-1	1075	1075	992	1047	4.59	cps
Thorium	232-1	178	206	156	180	13.95	cps
Tin	118-1	1559	1759	1634	1650	6.12	cps
Titanium	47-1	150	150	142	147	3.27	cps
Uranium	238-1	67	42	42	50	28.87	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	6714625	7295685	7141491	7050600	4.27	cps
Yttrium	89-2	204969	199509	197939	200805	1.84	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DW	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:14:01	DataFile Name :	039SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3671	3400	3527	3533	3.82	cps
Zirconium	90-1	583	642	725	650	10.95	cps
Zirconium	91-1	133	133	100	122	15.74	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	68	63	68	7.41	cps
Antimony	121-1	1283	1158	1367	1270	8.26	cps
Arsenic	75-2	17	13	11	14	20.85	cps
Barium	135-1	19799	20341	19749	19963	1.65	cps
Barium	137-1	34045	34529	35708	34761	2.46	cps
Beryllium	9-1	139	167	167	157	10.19	cps
Bismuth	209-1	6375170	6304141	6271016	6316776	0.84	cps
Bismuth	209-2	1562771	1504880	1488328	1518660	2.57	cps
Boron	11-1	9270	10137	9754	9720	4.47	cps
Boron	10-1	1925	1992	1834	1917	4.15	cps
Cadmium	106-1	1600	1400	1592	1531	7.39	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Cadmium	111-1	1143	1002	1122	1089	7.02	cps
Calcium	43-1	98829	99157	100744	99577	1.03	cps
Calcium	44-1	1708120	1713557	1689232	1703636	0.75	cps
Chromium	52-2	393	410	497	433	12.80	cps
Cobalt	59-2	830	917	900	882	5.21	cps
Copper	63-2	19340	19253	18997	19197	0.93	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Erbium	164-1	33	17	33	28	34.63	cps
Gadolinium	160-1	50	42	75	56	31.22	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	9170271	9003202	9131070	9101514	0.96	cps
Holmium	165-2	1915586	1841807	1862398	1873263	2.03	cps
Indium	115-1	6725760	6708292	6734251	6722768	0.20	cps
Indium	115-2	270620	263687	261370	265225	1.81	cps
Iron	56-2	2389	2484	2556	2476	3.38	cps
Iron	57-2	44	94	67	69	36.56	cps
Krypton	83-1	283	390	340	338	15.80	cps
Lead	206-1	945	1067	922	978	7.95	cps
Lead	207-1	889	822	678	796	13.55	cps
Lead	208-1	3750	4006	3862	3873	3.31	cps
Lithium	6-1	1104533	1098142	1099390	1100688	0.31	cps
Magnesium	24-2	27762	28095	26417	27425	3.24	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	293	277	266	13.07	cps
Molybdenum	94-1	775	775	625	725	11.95	cps
Molybdenum	95-1	583	625	550	586	6.41	cps
Molybdenum	96-1	658	683	800	714	10.59	cps
Molybdenum	97-1	342	383	308	344	10.91	cps
Molybdenum	98-1	908	842	858	870	3.99	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	237	283	254	9.92	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6402	6677	6268	6449	3.23	cps
Rhodium	103-1	6260430	6222597	6258017	6247015	0.34	cps
Rhodium	103-2	1681490	1641196	1641081	1654589	1.41	cps
Scandium	45-1	3699665	3678091	3702037	3693264	0.36	cps
Scandium	45-2	26716	25954	25306	25992	2.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	59	-62	-2	-2	-3837.78	cps
Silicon	28-1	2033108	2020512	2035908	2029843	0.40	cps
Silver	109-1	550	617	625	597	6.88	cps
Silver	107-1	608	742	683	678	9.86	cps
Sodium	23-2	583766	579279	580458	581168	0.40	cps
Strontium	86-1	46656	46413	45419	46162	1.42	cps
Strontium	88-1	400391	402003	398341	400245	0.46	cps
Sulfur	34-1	335039	333254	334809	334367	0.29	cps
Terbium	159-1	9302770	9295344	9314467	9304194	0.10	cps
Terbium	159-2	1830031	1767259	1747135	1781475	2.43	cps
Thallium	203-1	267	358	375	333	17.50	cps
Thallium	205-1	742	817	767	775	4.93	cps
Thorium	232-1	383	339	356	359	6.25	cps
Tin	118-1	1325	1684	1450	1486	12.24	cps
Titanium	47-1	192	158	175	175	9.53	cps
Uranium	238-1	392	375	367	378	3.37	cps
Vanadium	51-2	93	53	57	68	32.75	cps
Yttrium	89-1	6766078	6711920	6646346	6708115	0.89	cps
Yttrium	89-2	194545	191223	188277	191348	1.64	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:17:24	DataFile Name :	040SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6215	6292	6265	6257	0.62	cps
Zirconium	90-1	975	1117	1050	1047	6.77	cps
Zirconium	91-1	258	208	258	242	11.95	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	65	75	76	14.86	cps
Antimony	121-1	1050	1167	1242	1153	8.38	cps
Arsenic	75-2	13	28	13	18	47.80	cps
Barium	135-1	20341	19356	19690	19796	2.53	cps
Barium	137-1	34863	34463	35624	34983	1.69	cps
Beryllium	9-1	117	50	144	104	46.81	cps
Bismuth	209-1	6340641	6397528	6364912	6367694	0.45	cps
Bismuth	209-2	1502806	1510198	1423182	1478729	3.26	cps
Boron	11-1	9337	9445	9445	9409	0.67	cps
Boron	10-1	1917	1884	2017	1939	3.58	cps
Cadmium	106-1	1450	1475	1483	1470	1.18	cps
Cadmium	108-1	21	25	4	17	66.13	cps
Cadmium	111-1	1030	1040	1056	1042	1.29	cps
Calcium	43-1	100978	102406	97571	100319	2.48	cps
Calcium	44-1	1717315	1701020	1714047	1710794	0.50	cps
Chromium	52-2	457	483	423	454	6.61	cps
Cobalt	59-2	93	97	83	91	7.61	cps
Copper	63-2	19424	19761	19945	19710	1.34	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-2	7	17	3	9	78.08	cps
Erbium	164-1	33	50	50	44	21.66	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	9147599	9061714	9113210	9107508	0.47	cps
Holmium	165-2	1866616	1880074	1752787	1833159	3.81	cps
Indium	115-1	6764199	6815702	6773380	6784427	0.40	cps
Indium	115-2	266097	265477	248476	260017	3.85	cps
Iron	56-2	2561	2806	2656	2674	4.61	cps
Iron	57-2	67	78	44	63	26.95	cps
Krypton	83-1	373	293	300	322	13.78	cps
Lead	206-1	922	1100	1139	1054	10.96	cps
Lead	207-1	889	817	939	882	6.97	cps
Lead	208-1	3978	3967	4245	4063	3.87	cps
Lithium	6-1	1072899	1082457	1088221	1081193	0.72	cps
Magnesium	24-2	27419	27945	27402	27589	1.12	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277	277	240	264	8.00	cps
Molybdenum	94-1	667	550	767	661	16.40	cps
Molybdenum	95-1	550	667	458	558	18.70	cps
Molybdenum	96-1	733	750	692	725	4.14	cps
Molybdenum	97-1	342	442	442	408	14.14	cps
Molybdenum	98-1	925	950	933	936	1.36	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	287	233	256	10.86	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	6618	6727	6135	6493	4.85	cps
Rhodium	103-1	6281203	6273204	6275565	6276657	0.07	cps
Rhodium	103-2	1665152	1639867	1565799	1623606	3.18	cps
Scandium	45-1	3728382	3719744	3730419	3726181	0.15	cps
Scandium	45-2	26031	25944	24759	25578	2.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-34	46	83	32	188.17	cps
Silicon	28-1	2034587	2036991	2032795	2034791	0.10	cps
Silver	109-1	400	567	400	456	21.12	cps
Silver	107-1	417	500	500	472	10.19	cps
Sodium	23-2	588590	585228	586071	586630	0.30	cps
Strontium	86-1	46263	47300	47065	46876	1.16	cps
Strontium	88-1	397257	399141	399655	398684	0.32	cps
Sulfur	34-1	337400	340444	341376	339740	0.61	cps
Terbium	159-1	9323493	9266968	9262623	9284361	0.37	cps
Terbium	159-2	1746025	1771156	1672513	1729898	2.96	cps
Thallium	203-1	242	258	333	278	17.58	cps
Thallium	205-1	733	708	767	736	3.98	cps
Thorium	232-1	472	361	378	404	14.84	cps
Tin	118-1	1517	1442	1358	1439	5.50	cps
Titanium	47-1	125	92	92	103	18.73	cps
Uranium	238-1	367	567	442	458	22.04	cps
Vanadium	51-2	83	73	90	82	10.20	cps
Yttrium	89-1	6720837	6776436	6739553	6745608	0.42	cps
Yttrium	89-2	192444	191752	181538	188578	3.24	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKDUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:20:46	DataFile Name :	041SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6195	6221	6465	6294	2.37	cps
Zirconium	90-1	883	925	1000	936	6.32	cps
Zirconium	91-1	200	175	225	200	12.50	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	25	19	52.73	cps
Antimony	121-1	767	783	792	781	1.63	cps
Arsenic	75-2	9	9	2	7	63.01	cps
Barium	135-1	4226	3992	3926	4048	3.89	cps
Barium	137-1	6377	6744	6727	6616	3.13	cps
Beryllium	9-1	117	111	83	104	17.22	cps
Bismuth	209-1	6180757	5896120	6123952	6066943	2.48	cps
Bismuth	209-2	1490800	1489327	1491476	1490534	0.07	cps
Boron	11-1	4909	5018	4784	4904	2.38	cps
Boron	10-1	1175	1025	1033	1078	7.82	cps
Cadmium	106-1	1450	1383	1800	1545	14.49	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Cadmium	111-1	1016	973	1262	1084	14.38	cps
Calcium	43-1	20524	19723	19656	19968	2.42	cps
Calcium	44-1	324748	334740	329084	329524	1.52	cps
Chromium	52-2	373	427	380	393	7.39	cps
Cobalt	59-2	207	170	187	188	9.78	cps
Copper	63-2	4204	4217	4091	4171	1.67	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	7	10	7	8	24.71	cps
Erbium	164-1	33	58	33	42	34.65	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	8855325	8374860	8908174	8712786	3.37	cps
Holmium	165-2	1845469	1851108	1853520	1850032	0.22	cps
Indium	115-1	6555282	6237484	6552954	6448573	2.83	cps
Indium	115-2	264047	265114	263018	264060	0.40	cps
Iron	56-2	1489	1422	1611	1508	6.36	cps
Iron	57-2	39	50	33	41	20.83	cps
Krypton	83-1	363	353	337	351	3.84	cps
Lead	206-1	550	561	478	530	8.54	cps
Lead	207-1	356	433	383	391	10.09	cps
Lead	208-1	2128	2061	2022	2071	2.58	cps
Lithium	6-1	1065533	998307	1072094	1045312	3.91	cps
Magnesium	24-2	5260	5493	5368	5373	2.17	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213	150	137	167	24.58	cps
Molybdenum	94-1	358	358	467	394	15.86	cps
Molybdenum	95-1	183	150	308	214	39.03	cps
Molybdenum	96-1	425	300	200	308	36.56	cps
Molybdenum	97-1	200	142	142	161	20.91	cps
Molybdenum	98-1	258	308	367	311	17.43	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	247	223	237	236	4.97	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	2742	2884	2975	2867	4.10	cps
Rhodium	103-1	6145143	5788358	6080649	6004717	3.17	cps
Rhodium	103-2	1630648	1657532	1632699	1640293	0.91	cps
Scandium	45-1	3583679	3465365	3612680	3553908	2.20	cps
Scandium	45-2	25437	25557	25874	25622	0.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-16	-45	-55	-39	-51.71	cps
Silicon	28-1	663191	663386	658392	661656	0.43	cps
Silver	109-1	358	267	292	306	15.51	cps
Silver	107-1	325	300	375	333	11.46	cps
Sodium	23-2	116331	114407	115978	115572	0.89	cps
Strontium	86-1	9437	9662	9679	9593	1.41	cps
Strontium	88-1	75953	77286	76431	76557	0.88	cps
Sulfur	34-1	326415	326461	326135	326337	0.05	cps
Terbium	159-1	9001696	8441002	9133835	8858844	4.15	cps
Terbium	159-2	1782976	1743843	1727053	1751290	1.64	cps
Thallium	203-1	342	150	242	244	39.22	cps
Thallium	205-1	675	600	583	619	7.88	cps
Thorium	232-1	328	289	328	315	7.13	cps
Tin	118-1	1325	1442	1142	1303	11.61	cps
Titanium	47-1	142	133	133	136	3.53	cps
Uranium	238-1	100	67	75	81	21.54	cps
Vanadium	51-2	17	23	30	23	28.56	cps
Yttrium	89-1	6598450	6196374	6551562	6448796	3.41	cps
Yttrium	89-2	191681	190111	190005	190599	0.49	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKLDL	Dilution Factor :	25
Date & Time Acquired ::	2018-08-28 15:24:08	DataFile Name :	042SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1207	1293	1277	1259	3.65	cps
Zirconium	90-1	725	783	858	789	8.47	cps
Zirconium	91-1	167	225	150	181	21.81	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1721	1828	1866	1805	4.17	cps
Antimony	121-1	1210657	1214460	1219071	1214729	0.35	cps
Arsenic	75-2	11638	11533	11509	11560	0.60	cps
Barium	135-1	82834	83027	84612	83491	1.17	cps
Barium	137-1	147372	147126	148466	147655	0.48	cps
Beryllium	9-1	37694	38240	38290	38075	0.87	cps
Bismuth	209-1	6275691	6341149	5839858	6152233	4.43	cps
Bismuth	209-2	1507922	1505573	1506565	1506687	0.08	cps
Boron	11-1	35930	37584	38736	37417	3.77	cps
Boron	10-1	7861	8336	8628	8275	4.68	cps
Cadmium	106-1	7661	7069	7211	7313	4.23	cps
Cadmium	108-1	4092	4242	4217	4184	1.92	cps
Cadmium	111-1	64641	64280	65733	64885	1.17	cps
Calcium	43-1	102111	101340	102389	101947	0.53	cps
Calcium	44-1	1730037	1714694	1719596	1721442	0.46	cps
Chromium	52-2	46929	47427	47527	47294	0.68	cps
Cobalt	59-2	52478	52455	52753	52562	0.31	cps
Copper	63-2	89429	88992	89600	89340	0.35	cps
Dysprosium	156-1	58139	57511	59345	58331	1.60	cps
Dysprosium	156-2	1153	1123	1093	1123	2.67	cps
Erbium	164-2	7	10	7	8	24.71	cps
Erbium	164-1	50	8	58	39	68.89	cps
Gadolinium	160-1	25	125	67	72	69.55	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	9060219	8939203	8439372	8812932	3.73	cps
Holmium	165-2	1852728	1849202	1858374	1853435	0.25	cps
Indium	115-1	6623505	6660428	6293974	6525969	3.09	cps
Indium	115-2	261969	262293	261988	262083	0.07	cps
Iron	56-2	245779	244002	244633	244805	0.37	cps
Iron	57-2	6663	6557	6302	6507	2.85	cps
Krypton	83-1	323	360	327	337	6.02	cps
Lead	206-1	1057247	1060933	1071777	1063319	0.71	cps
Lead	207-1	941504	937957	941912	940458	0.23	cps
Lead	208-1	4409777	4394955	4425167	4409967	0.34	cps
Lithium	6-1	1086880	1061274	1028634	1058929	2.76	cps
Magnesium	24-2	34936	35963	36022	35640	1.71	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6875	6535	6718	6710	2.54	cps
Molybdenum	94-1	139610	138417	140183	139403	0.65	cps
Molybdenum	95-1	240221	240182	241703	240702	0.36	cps
Molybdenum	96-1	258240	259028	256158	257809	0.58	cps
Molybdenum	97-1	151667	148961	150409	150346	0.90	cps
Molybdenum	98-1	385813	385044	389480	386779	0.61	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	39352	38376	39606	39112	1.66	cps
Phosphorus	31-2	317	400	533	417	26.23	cps
Potassium	39-2	27904	27402	28664	27990	2.27	cps
Rhodium	103-1	6223128	6236744	5878545	6112806	3.32	cps
Rhodium	103-2	1667581	1671572	1640642	1659932	1.01	cps
Scandium	45-1	3676870	3739315	3454715	3623633	4.13	cps
Scandium	45-2	26572	25720	25567	25953	2.09	cps
Selenium	77-2	197	193	177	189	5.67	cps
Selenium	78-2	682	650	661	664	2.40	cps
Selenium	82-1	38659	38657	39388	38901	1.08	cps
Silicon	28-1	2531203	2533819	2562539	2542520	0.68	cps
Silver	109-1	111668	111979	112770	112139	0.51	cps
Silver	107-1	117132	114610	116870	116204	1.19	cps
Sodium	23-2	604117	600566	593202	599295	0.93	cps
Strontium	86-1	118068	119385	119193	118882	0.60	cps
Strontium	88-1	1037809	1051032	1037116	1041986	0.75	cps
Sulfur	34-1	340898	341016	339190	340368	0.30	cps
Terbium	159-1	9188284	9162146	8698545	9016325	3.06	cps
Terbium	159-2	1772067	1763570	1767860	1767832	0.24	cps
Thallium	203-1	2740181	2689632	2720264	2716693	0.94	cps
Thallium	205-1	6413303	6377040	6487282	6425875	0.87	cps
Thorium	232-1	539	456	522	506	8.72	cps
Tin	118-1	713994	710740	720640	715125	0.71	cps
Titanium	47-1	31336	30743	31244	31108	1.03	cps
Uranium	238-1	467	417	483	456	7.62	cps
Vanadium	51-2	26048	26128	26499	26225	0.92	cps
Yttrium	89-1	6682053	6731792	6297861	6570569	3.61	cps
Yttrium	89-2	192477	192246	191563	192095	0.25	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:27:31	DataFile Name :	043SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10464	10050	10391	10302	2.14	cps
Zirconium	90-1	7502	6052	5768	6441	14.44	cps
Zirconium	91-1	1609	1475	1508	1531	4.53	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1828	1773	1678	1760	4.31	cps
Antimony	121-1	1235642	1253948	1259695	1249762	1.01	cps
Arsenic	75-2	11809	11978	12042	11943	1.01	cps
Barium	135-1	87347	87010	85677	86678	1.02	cps
Barium	137-1	151771	153238	151036	152015	0.74	cps
Beryllium	9-1	38775	38920	38491	38728	0.56	cps
Bismuth	209-1	6339484	5868567	6002799	6070284	4.00	cps
Bismuth	209-2	1552172	1494575	1480108	1508952	2.53	cps
Boron	11-1	38695	38278	40149	39041	2.52	cps
Boron	10-1	8203	8603	8061	8289	3.39	cps
Cadmium	106-1	7694	6885	7219	7266	5.59	cps
Cadmium	108-1	4326	4184	4184	4231	1.93	cps
Cadmium	111-1	67570	67387	66813	67256	0.59	cps
Calcium	43-1	105285	106133	104244	105221	0.90	cps
Calcium	44-1	1760556	1766822	1790366	1772581	0.89	cps
Chromium	52-2	48557	48688	48598	48614	0.14	cps
Cobalt	59-2	53235	53981	53596	53604	0.70	cps
Copper	63-2	90697	91515	91361	91191	0.48	cps
Dysprosium	156-1	58799	59394	58432	58875	0.83	cps
Dysprosium	156-2	1140	1243	1190	1191	4.34	cps
Erbium	164-2	13	7	0	7	99.98	cps
Erbium	164-1	50	42	25	39	32.73	cps
Gadolinium	160-1	75	108	42	75	44.44	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	9008690	8362226	8716394	8695770	3.72	cps
Holmium	165-2	1901309	1847787	1798229	1849108	2.79	cps
Indium	115-1	6697405	6297677	6421266	6472116	3.16	cps
Indium	115-2	269160	261622	260410	263731	1.80	cps
Iron	56-2	252507	251274	251944	251909	0.25	cps
Iron	57-2	6335	6518	6268	6374	2.03	cps
Krypton	83-1	370	357	360	362	1.92	cps
Lead	206-1	1092789	1092575	1099321	1094895	0.35	cps
Lead	207-1	967432	973283	968599	969771	0.32	cps
Lead	208-1	4543677	4539113	4578082	4553624	0.47	cps
Lithium	6-1	1080622	1013662	1039998	1044760	3.23	cps
Magnesium	24-2	36180	36473	36782	36478	0.82	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7005	6892	7209	7035	2.28	cps
Molybdenum	94-1	141614	143147	144713	143158	1.08	cps
Molybdenum	95-1	249333	248516	247458	248436	0.38	cps
Molybdenum	96-1	265432	266480	268745	266886	0.63	cps
Molybdenum	97-1	158044	159199	157404	158216	0.58	cps
Molybdenum	98-1	398424	398627	400742	399264	0.32	cps
Neodymium	150-1	27	33	7	22	62.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40171	40201	39416	39930	1.11	cps
Phosphorus	31-2	317	417	375	369	13.60	cps
Potassium	39-2	29407	28881	29064	29117	0.92	cps
Rhodium	103-1	6196550	5764038	6064599	6008396	3.69	cps
Rhodium	103-2	1696382	1646064	1641587	1661344	1.83	cps
Scandium	45-1	3720861	3463405	3462691	3548986	4.19	cps
Scandium	45-2	26362	25540	25326	25743	2.12	cps
Selenium	77-2	173	210	197	193	9.60	cps
Selenium	78-2	709	678	639	675	5.22	cps
Selenium	82-1	39835	39748	39785	39789	0.11	cps
Silicon	28-1	2569719	2597172	2584815	2583902	0.53	cps
Silver	109-1	113735	114031	115012	114259	0.59	cps
Silver	107-1	118845	120065	118635	119181	0.65	cps
Sodium	23-2	617672	619644	620996	619437	0.27	cps
Strontium	86-1	124059	123286	123580	123642	0.32	cps
Strontium	88-1	1065315	1069816	1074354	1069829	0.42	cps
Sulfur	34-1	336614	340207	337729	338183	0.54	cps
Terbium	159-1	9137553	8610100	8986583	8911412	3.05	cps
Terbium	159-2	1794723	1747969	1745766	1762819	1.57	cps
Thallium	203-1	2781963	2797824	2825441	2801743	0.79	cps
Thallium	205-1	6618019	6638607	6595182	6617269	0.33	cps
Thorium	232-1	317	361	511	396	25.71	cps
Tin	118-1	743436	746500	741210	743715	0.36	cps
Titanium	47-1	32188	31679	32280	32049	1.01	cps
Uranium	238-1	467	450	467	461	2.09	cps
Vanadium	51-2	26231	26415	26689	26445	0.87	cps
Yttrium	89-1	6719201	6291570	6562380	6524384	3.32	cps
Yttrium	89-2	195759	188401	187410	190523	2.39	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKMSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:30:52	DataFile Name :	044SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10287	10121	10501	10303	1.85	cps
Zirconium	90-1	3284	3084	2867	3078	6.77	cps
Zirconium	91-1	825	1025	850	900	12.11	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1826	1731	1731	1762	3.11	cps
Antimony	121-1	1246797	1241762	1241214	1243258	0.25	cps
Arsenic	75-2	11911	11664	11742	11772	1.07	cps
Barium	135-1	85191	86994	84805	85663	1.36	cps
Barium	137-1	150961	149689	150321	150324	0.42	cps
Beryllium	9-1	38920	38680	38313	38637	0.79	cps
Bismuth	209-1	6213716	6304070	6311377	6276388	0.87	cps
Bismuth	209-2	1507374	1498412	1510018	1505268	0.40	cps
Boron	11-1	39163	39814	39697	39558	0.88	cps
Boron	10-1	7969	8678	8678	8442	4.85	cps
Cadmium	106-1	7511	7653	7678	7614	1.18	cps
Cadmium	108-1	4305	4372	4084	4254	3.54	cps
Cadmium	111-1	66522	66855	66413	66596	0.35	cps
Calcium	43-1	104873	101818	103614	103435	1.48	cps
Calcium	44-1	1758428	1748481	1757977	1754962	0.32	cps
Chromium	52-2	48089	47858	47597	47848	0.51	cps
Cobalt	59-2	54158	53402	54148	53903	0.80	cps
Copper	63-2	90516	89841	89351	89903	0.65	cps
Dysprosium	156-1	58164	59503	59261	58976	1.21	cps
Dysprosium	156-2	1093	1160	1267	1173	7.45	cps
Erbium	164-2	3	3	7	4	43.40	cps
Erbium	164-1	33	33	33	33	0.00	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	8807986	9083349	9075221	8988852	1.74	cps
Holmium	165-2	1861837	1870214	1870001	1867351	0.26	cps
Indium	115-1	6600054	6786681	6687593	6691443	1.40	cps
Indium	115-2	262623	260366	261265	261418	0.43	cps
Iron	56-2	248570	247948	247226	247915	0.27	cps
Iron	57-2	6263	6085	6290	6213	1.80	cps
Krypton	83-1	330	367	333	343	5.91	cps
Lead	206-1	1092363	1091552	1082714	1088876	0.49	cps
Lead	207-1	977171	966126	966930	970075	0.63	cps
Lead	208-1	4551780	4515203	4527485	4531490	0.41	cps
Lithium	6-1	1066122	1066544	1094449	1075705	1.51	cps
Magnesium	24-2	35212	36280	36406	35966	1.83	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6888	6748	6782	6806	1.07	cps
Molybdenum	94-1	140427	142237	140006	140890	0.84	cps
Molybdenum	95-1	245193	243766	245404	244788	0.36	cps
Molybdenum	96-1	263872	264813	263566	264083	0.25	cps
Molybdenum	97-1	155447	154083	154647	154726	0.44	cps
Molybdenum	98-1	395179	397708	393913	395600	0.49	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	39426	39680	40088	39731	0.84	cps
Phosphorus	31-2	433	350	350	378	12.74	cps
Potassium	39-2	29214	28388	28204	28602	1.88	cps
Rhodium	103-1	6073284	6177670	6273558	6174837	1.62	cps
Rhodium	103-2	1664748	1626626	1654943	1648772	1.20	cps
Scandium	45-1	3556338	3682139	3687485	3641987	2.04	cps
Scandium	45-2	26014	25730	25179	25641	1.66	cps
Selenium	77-2	197	183	190	190	3.51	cps
Selenium	78-2	806	709	733	749	6.69	cps
Selenium	82-1	39220	39205	39250	39225	0.06	cps
Silicon	28-1	2566981	2578677	2564222	2569960	0.30	cps
Silver	109-1	111745	114391	114526	113554	1.38	cps
Silver	107-1	119224	118669	117224	118373	0.87	cps
Sodium	23-2	609245	606051	608227	607841	0.27	cps
Strontium	86-1	123664	122202	120150	122005	1.45	cps
Strontium	88-1	1058515	1055564	1055736	1056605	0.16	cps
Sulfur	34-1	338919	334475	334868	336087	0.73	cps
Terbium	159-1	9105773	9188478	9233577	9175943	0.71	cps
Terbium	159-2	1786109	1755471	1769903	1770495	0.87	cps
Thallium	203-1	2806648	2794764	2781746	2794386	0.45	cps
Thallium	205-1	6609599	6633728	6544444	6595924	0.70	cps
Thorium	232-1	439	356	317	370	16.86	cps
Tin	118-1	732984	736443	730329	733252	0.42	cps
Titanium	47-1	31403	30050	31787	31080	2.94	cps
Uranium	238-1	483	425	625	511	20.12	cps
Vanadium	51-2	26475	26712	26819	26669	0.66	cps
Yttrium	89-1	6549446	6733801	6776484	6686577	1.80	cps
Yttrium	89-2	190764	187439	190722	189642	1.01	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	JH-BTHRM-SINKADL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:34:13	DataFile Name :	045SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10201	10467	9860	10176	2.99	cps
Zirconium	90-1	2375	2667	2434	2492	6.20	cps
Zirconium	91-1	792	567	617	658	17.95	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	65	45	55	18.19	cps
Antimony	121-1	3184	3026	2700	2970	8.30	cps
Arsenic	75-2	15	15	6	12	45.54	cps
Barium	135-1	18622	19123	18697	18814	1.44	cps
Barium	137-1	33335	33402	34195	33644	1.42	cps
Beryllium	9-1	117	139	172	143	19.61	cps
Bismuth	209-1	6251125	6296408	6250004	6265846	0.42	cps
Bismuth	209-2	1415020	1494063	1473957	1461013	2.81	cps
Boron	11-1	10513	10971	10663	10716	2.18	cps
Boron	10-1	2475	2284	2300	2353	4.51	cps
Cadmium	106-1	1475	1550	1525	1517	2.52	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Cadmium	111-1	1062	1103	1091	1085	1.94	cps
Calcium	43-1	98644	100273	97119	98678	1.60	cps
Calcium	44-1	1667453	1678288	1648509	1664750	0.91	cps
Chromium	52-2	487	503	440	477	6.89	cps
Cobalt	59-2	133	160	113	136	17.27	cps
Copper	63-2	14835	14658	14918	14804	0.90	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-2	7	7	7	7	0.00	cps
Erbium	164-1	33	25	67	42	52.92	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	8948760	8932700	8978065	8953175	0.26	cps
Holmium	165-2	1748506	1861016	1826479	1812000	3.18	cps
Indium	115-1	6617329	6731826	6593526	6647560	1.11	cps
Indium	115-2	250716	260564	257527	256269	1.97	cps
Iron	56-2	2484	2378	2289	2384	4.08	cps
Iron	57-2	56	39	39	44	21.65	cps
Krypton	83-1	313	333	300	316	5.32	cps
Lead	206-1	794	700	811	769	7.80	cps
Lead	207-1	795	650	661	702	11.45	cps
Lead	208-1	3417	3134	3267	3272	4.33	cps
Lithium	6-1	1063623	1086111	1065955	1071896	1.15	cps
Magnesium	24-2	27561	26468	27093	27041	2.03	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277	327	260	288	12.06	cps
Molybdenum	94-1	692	775	817	761	8.36	cps
Molybdenum	95-1	933	708	642	761	20.08	cps
Molybdenum	96-1	808	833	975	872	10.31	cps
Molybdenum	97-1	542	442	483	489	10.27	cps
Molybdenum	98-1	1183	1225	1275	1228	3.74	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	273	267	263	4.56	cps
Phosphorus	31-2	25	33	8	22	57.30	cps
Potassium	39-2	6243	6727	6402	6457	3.82	cps
Rhodium	103-1	6164917	6179220	6121509	6155215	0.49	cps
Rhodium	103-2	1572814	1644424	1636701	1617979	2.43	cps
Scandium	45-1	3629028	3668025	3591888	3629647	1.05	cps
Scandium	45-2	23817	25587	25159	24854	3.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	79	23	25	42	75.03	cps
Silicon	28-1	1955340	1987787	1953406	1965511	0.98	cps
Silver	109-1	367	375	358	367	2.27	cps
Silver	107-1	417	250	317	328	25.59	cps
Sodium	23-2	578359	572035	572132	574175	0.63	cps
Strontium	86-1	45978	46948	45477	46134	1.62	cps
Strontium	88-1	398189	396163	393931	396094	0.54	cps
Sulfur	34-1	339433	335533	338056	337674	0.59	cps
Terbium	159-1	9162935	9166459	9069387	9132927	0.60	cps
Terbium	159-2	1657060	1749105	1733909	1713358	2.88	cps
Thallium	203-1	650	808	708	722	11.09	cps
Thallium	205-1	1700	1617	1392	1570	10.16	cps
Thorium	232-1	156	189	200	181	12.75	cps
Tin	118-1	2367	2200	2142	2236	5.22	cps
Titanium	47-1	158	125	125	136	14.14	cps
Uranium	238-1	433	625	408	489	24.25	cps
Vanadium	51-2	53	87	67	69	24.36	cps
Yttrium	89-1	6649600	6604358	6635293	6629750	0.35	cps
Yttrium	89-2	180482	190350	187391	186074	2.72	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-02DLX5	Instrumnet Name :	P8
Client Sample ID :	JH-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:37:33	DataFile Name :	046SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2774	2967	2857	2866	3.38	cps
Zirconium	90-1	600	583	725	636	12.17	cps
Zirconium	91-1	175	158	183	172	7.39	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238500	238715	238416	238544	0.06	cps
Antimony	121-1	3899441	3930720	3886575	3905579	0.58	cps
Arsenic	75-2	36545	36944	36959	36816	0.64	cps
Barium	135-1	4129995	4117583	4135835	4127804	0.23	cps
Barium	137-1	7202667	7233847	7210767	7215760	0.22	cps
Beryllium	9-1	491011	488477	484370	487953	0.69	cps
Bismuth	209-1	6060100	6070996	6108889	6079995	0.42	cps
Bismuth	209-2	1436910	1438660	1426088	1433886	0.47	cps
Boron	11-1	258166	262385	265820	262124	1.46	cps
Boron	10-1	54587	55140	56203	55310	1.48	cps
Cadmium	106-1	84792	83986	84884	84554	0.58	cps
Cadmium	108-1	56903	57652	56183	56913	1.29	cps
Cadmium	111-1	790890	783220	785338	786483	0.50	cps
Calcium	43-1	3876348	3843344	3844763	3854818	0.48	cps
Calcium	44-1	63245429	62630076	63087020	62987508	0.51	cps
Chromium	52-2	310800	308019	309757	309525	0.45	cps
Cobalt	59-2	653015	648658	645194	648955	0.60	cps
Copper	63-2	1093163	1090575	1088709	1090816	0.21	cps
Dysprosium	156-1	67	208	108	128	56.98	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-2	0	3	23	9	142.00	cps
Erbium	164-1	67	92	33	64	45.81	cps
Gadolinium	160-1	117	142	100	119	17.56	cps
Gadolinium	160-2	17	33	17	22	43.28	cps
Holmium	165-1	9044553	9023517	9276940	9115003	1.54	cps
Holmium	165-2	1889598	1880966	1880829	1883798	0.27	cps
Indium	115-1	6483786	6460725	6488975	6477829	0.23	cps
Indium	115-2	254143	254373	252980	253832	0.29	cps
Iron	56-2	51347341	50999894	51030955	51126064	0.38	cps
Iron	57-2	1273970	1271261	1273464	1272898	0.11	cps
Krypton	83-1	417	400	363	393	6.94	cps
Lead	206-1	2750148	2764794	2749328	2754757	0.32	cps
Lead	207-1	2523561	2488992	2466608	2493053	1.15	cps
Lead	208-1	11317774	11260165	11210450	11262796	0.48	cps
Lithium	6-1	1068678	1076906	1085595	1077060	0.79	cps
Magnesium	24-2	5423065	5378081	5393706	5398284	0.42	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	169055	168107	167925	168363	0.36	cps
Molybdenum	94-1	6457211	6357210	6349864	6388095	0.94	cps
Molybdenum	95-1	7773512	7779126	7715578	7756072	0.45	cps
Molybdenum	96-1	8799193	8790887	8673515	8754532	0.80	cps
Molybdenum	97-1	5007716	4936463	4902203	4948794	1.09	cps
Molybdenum	98-1	12492673	12552903	12371141	12472239	0.74	cps
Neodymium	150-1	200	240	267	236	14.24	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	193264	192970	192936	193057	0.09	cps
Phosphorus	31-2	2925	2884	2967	2925	1.42	cps
Potassium	39-2	1421205	1399446	1376326	1398992	1.60	cps
Rhodium	103-1	5908295	5866333	5916243	5896957	0.45	cps
Rhodium	103-2	1556379	1528777	1493026	1526061	2.08	cps
Scandium	45-1	3698805	3660814	3725502	3695041	0.88	cps
Scandium	45-2	25660	25607	25640	25636	0.11	cps
Selenium	77-2	227	210	230	222	4.82	cps
Selenium	78-2	830	850	893	857	3.75	cps
Selenium	82-1	48557	48260	48300	48372	0.33	cps
Silicon	28-1	1901687	1941109	1952922	1931906	1.39	cps
Silver	109-1	3723504	3766836	3746298	3745546	0.58	cps
Silver	107-1	3910199	3948009	3904007	3920738	0.61	cps
Sodium	23-2	12534067	12360537	12415904	12436836	0.71	cps
Strontium	86-1	946686	946870	948661	947406	0.12	cps
Strontium	88-1	8419855	8321348	8361257	8367487	0.59	cps
Sulfur	34-1	560489	562640	553771	558967	0.83	cps
Terbium	159-1	9320553	9257996	9486256	9354935	1.26	cps
Terbium	159-2	1770340	1768445	1744691	1761159	0.81	cps
Thallium	203-1	3415858	3392480	3397396	3401912	0.36	cps
Thallium	205-1	8063629	8036420	7983745	8027931	0.51	cps
Thorium	232-1	11602154	11629400	11590353	11607302	0.17	cps
Tin	118-1	2643287	2667332	2623546	2644722	0.83	cps
Titanium	47-1	1998580	1975739	1975883	1983401	0.66	cps
Uranium	238-1	11216127	11166259	11236340	11206242	0.32	cps
Vanadium	51-2	223829	223785	222927	223514	0.23	cps
Yttrium	89-1	6718956	6655489	6707677	6694041	0.51	cps
Yttrium	89-2	190441	189839	187772	189351	0.74	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:40:56	DataFile Name :	047CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	99111	99664	99524	99433	0.29	cps
Zirconium	90-1	5357533	5289057	5279816	5308802	0.80	cps
Zirconium	91-1	1165310	1163912	1153702	1160975	0.55	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	10	14	66.84	cps
Antimony	121-1	3367	3484	3734	3528	5.31	cps
Arsenic	75-2	6	0	2	2	114.63	cps
Barium	135-1	50	58	50	53	9.12	cps
Barium	137-1	125	117	83	108	20.35	cps
Beryllium	9-1	289	300	194	261	22.21	cps
Bismuth	209-1	6223868	6258362	5937472	6139900	2.87	cps
Bismuth	209-2	1514042	1495758	1482319	1497373	1.06	cps
Boron	11-1	7102	7269	6535	6969	5.52	cps
Boron	10-1	1583	1533	1400	1506	6.30	cps
Cadmium	106-1	1467	1508	1542	1506	2.50	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Cadmium	111-1	1043	1095	1118	1085	3.52	cps
Calcium	43-1	525	533	492	517	4.27	cps
Calcium	44-1	14033	13724	13257	13671	2.86	cps
Chromium	52-2	423	337	427	396	12.90	cps
Cobalt	59-2	53	47	37	46	18.41	cps
Copper	63-2	343	477	380	400	17.22	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	7	0	10	6	91.64	cps
Erbium	164-1	33	25	17	25	33.34	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	8726082	8870043	8388574	8661567	2.85	cps
Holmium	165-2	1854507	1843828	1843958	1847431	0.33	cps
Indium	115-1	6576172	6686245	6214514	6492310	3.80	cps
Indium	115-2	266496	263247	259699	263147	1.29	cps
Iron	56-2	1728	1611	1645	1661	3.62	cps
Iron	57-2	44	28	39	37	22.91	cps
Krypton	83-1	297	327	390	338	14.11	cps
Lead	206-1	439	444	367	417	10.41	cps
Lead	207-1	367	367	511	415	20.10	cps
Lead	208-1	1633	1639	1806	1693	5.78	cps
Lithium	6-1	1088051	1083689	1012464	1061402	4.00	cps
Magnesium	24-2	400	383	475	419	11.64	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	110	73	92	19.91	cps
Molybdenum	94-1	1325	1233	858	1139	21.71	cps
Molybdenum	95-1	1158	1158	1092	1136	3.39	cps
Molybdenum	96-1	1450	1475	1392	1439	2.97	cps
Molybdenum	97-1	708	658	675	681	3.74	cps
Molybdenum	98-1	1684	1750	1575	1670	5.29	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	163	257	197	26.47	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2042	2192	2059	2097	3.92	cps
Rhodium	103-1	6065088	6141055	5833909	6013350	2.66	cps
Rhodium	103-2	1654885	1650711	1629337	1644978	0.83	cps
Scandium	45-1	3616625	3640581	3438220	3565142	3.10	cps
Scandium	45-2	25894	25767	25416	25693	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	43	-2	-47	-2	-2263.13	cps
Silicon	28-1	274374	275046	276543	275321	0.40	cps
Silver	109-1	258	233	208	233	10.72	cps
Silver	107-1	325	267	283	292	10.30	cps
Sodium	23-2	5993	5926	5785	5901	1.80	cps
Strontium	86-1	617	575	558	583	5.15	cps
Strontium	88-1	183	292	208	228	24.90	cps
Sulfur	34-1	333513	331729	329124	331455	0.67	cps
Terbium	159-1	9023110	9067798	8479938	8856949	3.69	cps
Terbium	159-2	1751210	1739801	1733570	1741527	0.51	cps
Thallium	203-1	808	908	775	831	8.36	cps
Thallium	205-1	1750	1742	1600	1697	4.97	cps
Thorium	232-1	2634	2550	2345	2510	5.93	cps
Tin	118-1	2042	2284	2150	2159	5.61	cps
Titanium	47-1	92	83	83	86	5.58	cps
Uranium	238-1	125	200	142	156	25.31	cps
Vanadium	51-2	13	3	0	6	124.93	cps
Yttrium	89-1	6566878	6537972	6224037	6442962	2.95	cps
Yttrium	89-2	192865	190591	189041	190832	1.01	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 15:46:50	DataFile Name :	048CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103	87	137	109	23.38	cps
Zirconium	90-1	1675	1675	1834	1728	5.29	cps
Zirconium	91-1	400	492	383	425	13.73	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	13	20	21	42.15	cps
Antimony	121-1	1617	1767	1717	1700	4.49	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	5718	5768	5543	5676	2.08	cps
Barium	137-1	9554	10313	10063	9976	3.88	cps
Beryllium	9-1	222	183	122	176	28.65	cps
Bismuth	209-1	6378476	6326381	6325201	6343352	0.48	cps
Bismuth	209-2	1547542	1532953	1516472	1532322	1.01	cps
Boron	11-1	6210	6177	6268	6218	0.75	cps
Boron	10-1	1559	1333	1367	1420	8.56	cps
Cadmium	106-1	1575	1659	1667	1634	3.10	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Cadmium	111-1	1158	1182	1200	1180	1.77	cps
Calcium	43-1	67304	68518	66550	67457	1.47	cps
Calcium	44-1	1120194	1121004	1118828	1120008	0.10	cps
Chromium	52-2	533	477	467	492	7.30	cps
Cobalt	59-2	33	23	53	37	41.66	cps
Copper	63-2	54844	54105	54155	54368	0.76	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-2	3	0	23	9	142.00	cps
Erbium	164-1	92	50	50	64	37.66	cps
Gadolinium	160-1	92	108	133	111	18.88	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	9119025	9144577	9095154	9119585	0.27	cps
Holmium	165-2	1923493	1912108	1857295	1897632	1.87	cps
Indium	115-1	6746617	6768431	6786254	6767101	0.29	cps
Indium	115-2	271662	267063	263842	267522	1.47	cps
Iron	56-2	2595	2428	2561	2528	3.49	cps
Iron	57-2	83	39	61	61	36.37	cps
Krypton	83-1	353	347	290	330	10.55	cps
Lead	206-1	895	839	828	854	4.18	cps
Lead	207-1	839	795	717	783	7.90	cps
Lead	208-1	3639	3361	3256	3419	5.79	cps
Lithium	6-1	1102837	1108123	1103606	1104855	0.26	cps
Magnesium	24-2	54380	53928	53561	53956	0.76	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	127	137	119	19.08	cps
Molybdenum	94-1	1133	900	942	992	12.55	cps
Molybdenum	95-1	583	583	617	594	3.24	cps
Molybdenum	96-1	825	692	842	786	10.46	cps
Molybdenum	97-1	408	367	325	367	11.36	cps
Molybdenum	98-1	950	817	842	870	8.15	cps
Neodymium	150-1	33	27	73	44	56.79	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	253	257	257	256	0.75	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	6077	6368	6293	6246	2.43	cps
Rhodium	103-1	6229244	6236495	6303349	6256363	0.65	cps
Rhodium	103-2	1696215	1678008	1664897	1679706	0.94	cps
Scandium	45-1	3795701	3736083	3767027	3766270	0.79	cps
Scandium	45-2	26889	26121	26145	26385	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	1	43	70	38	91.47	cps
Silicon	28-1	5142251	5052576	5079627	5091485	0.90	cps
Silver	109-1	358	300	267	308	15.05	cps
Silver	107-1	442	375	292	369	20.34	cps
Sodium	23-2	219527	221572	217919	219673	0.83	cps
Strontium	86-1	26677	26076	23989	25581	5.52	cps
Strontium	88-1	217211	218186	222888	219428	1.38	cps
Sulfur	34-1	366306	365599	362946	364950	0.49	cps
Terbium	159-1	9363867	9405874	9253370	9341037	0.84	cps
Terbium	159-2	1816880	1794579	1773577	1795012	1.21	cps
Thallium	203-1	775	692	800	756	7.51	cps
Thallium	205-1	1434	1575	1717	1575	8.99	cps
Thorium	232-1	1478	1361	1311	1383	6.18	cps
Tin	118-1	2050	1950	1934	1978	3.19	cps
Titanium	47-1	258	217	167	214	21.46	cps
Uranium	238-1	592	767	708	689	12.94	cps
Vanadium	51-2	33	30	10	24	51.62	cps
Yttrium	89-1	6785294	6842038	6804313	6810549	0.42	cps
Yttrium	89-2	195721	195325	192960	194668	0.77	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-03DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-BTHRM-SINKDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:50:13	DataFile Name :	049SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	507	447	527	493	8.44	cps
Zirconium	90-1	1742	1617	1784	1714	5.06	cps
Zirconium	91-1	408	483	358	417	15.10	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	35	18	25	36.06	cps
Antimony	121-1	1142	1350	1150	1214	9.72	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	5793	5326	5426	5515	4.46	cps
Barium	137-1	9879	10346	9846	10024	2.79	cps
Beryllium	9-1	167	100	78	115	40.29	cps
Bismuth	209-1	6420040	6355114	6216714	6330623	1.64	cps
Bismuth	209-2	1535027	1511152	1510845	1519008	0.91	cps
Boron	11-1	5468	5210	5260	5312	2.58	cps
Boron	10-1	1300	900	1000	1067	19.52	cps
Cadmium	106-1	1709	1584	1533	1609	5.60	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Cadmium	111-1	1234	1129	1076	1147	7.03	cps
Calcium	43-1	67991	70402	69397	69264	1.75	cps
Calcium	44-1	1154874	1146403	1159760	1153679	0.59	cps
Chromium	52-2	563	493	583	547	8.65	cps
Cobalt	59-2	40	43	50	44	11.46	cps
Copper	63-2	47996	47377	46732	47368	1.33	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-2	13	0	3	6	124.93	cps
Erbium	164-1	42	42	67	50	28.87	cps
Gadolinium	160-1	142	100	100	114	21.12	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	9179283	9162339	9116178	9152600	0.36	cps
Holmium	165-2	1903732	1869216	1894507	1889152	0.95	cps
Indium	115-1	6873814	6779541	6754781	6802712	0.92	cps
Indium	115-2	270614	267775	267756	268715	0.61	cps
Iron	56-2	1856	1989	1784	1876	5.56	cps
Iron	57-2	50	44	44	46	6.92	cps
Krypton	83-1	367	417	397	393	6.40	cps
Lead	206-1	1028	1145	911	1028	11.35	cps
Lead	207-1	989	917	850	919	7.56	cps
Lead	208-1	4345	4362	3928	4212	5.83	cps
Lithium	6-1	1109693	1116285	1085981	1103986	1.44	cps
Magnesium	24-2	55836	56254	55200	55763	0.95	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	123	90	100	20.28	cps
Molybdenum	94-1	750	750	750	750	0.00	cps
Molybdenum	95-1	375	425	425	408	7.07	cps
Molybdenum	96-1	617	575	575	589	4.09	cps
Molybdenum	97-1	225	308	300	278	16.52	cps
Molybdenum	98-1	600	667	700	656	7.77	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1057	1050	967	1025	4.90	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	6102	6335	6410	6282	2.56	cps
Rhodium	103-1	6363017	6215378	6187344	6255246	1.51	cps
Rhodium	103-2	1675557	1665268	1666590	1669138	0.34	cps
Scandium	45-1	3738069	3712102	3680609	3710260	0.78	cps
Scandium	45-2	26121	25323	26672	26039	2.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-49	-73	-28	-50	-45.82	cps
Silicon	28-1	5139370	5194828	5184187	5172795	0.57	cps
Silver	109-1	292	267	275	278	4.58	cps
Silver	107-1	325	358	375	353	7.22	cps
Sodium	23-2	222980	219906	220567	221151	0.73	cps
Strontium	86-1	26302	26660	27186	26716	1.67	cps
Strontium	88-1	225385	222528	225697	224536	0.78	cps
Sulfur	34-1	357762	357678	359530	358323	0.29	cps
Terbium	159-1	9375704	9249132	9286242	9303693	0.70	cps
Terbium	159-2	1779225	1785884	1792870	1785993	0.38	cps
Thallium	203-1	417	350	425	397	10.35	cps
Thallium	205-1	1192	1042	1092	1108	6.89	cps
Thorium	232-1	800	795	1050	882	16.56	cps
Tin	118-1	1567	1659	1934	1720	11.10	cps
Titanium	47-1	217	192	125	178	26.65	cps
Uranium	238-1	658	908	658	742	19.46	cps
Vanadium	51-2	33	33	17	28	34.63	cps
Yttrium	89-1	6878314	6768989	6668668	6771990	1.55	cps
Yttrium	89-2	193464	192649	190918	192344	0.68	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-SHWRDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:53:35	DataFile Name :	050SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	810	680	737	742	8.78	cps
Zirconium	90-1	1425	1425	1350	1400	3.09	cps
Zirconium	91-1	242	300	233	258	14.06	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	23	13	21	36.68	cps
Antimony	121-1	983	1000	933	972	3.57	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	458	558	508	508	9.84	cps
Barium	137-1	1058	800	817	892	16.22	cps
Beryllium	9-1	178	122	122	141	22.79	cps
Bismuth	209-1	6283258	5626675	6281782	6063905	6.24	cps
Bismuth	209-2	1521960	1494126	1498983	1505023	0.99	cps
Boron	11-1	3834	4192	4017	4015	4.46	cps
Boron	10-1	933	900	883	906	2.81	cps
Cadmium	106-1	1500	1358	1425	1428	4.96	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Cadmium	111-1	1056	958	1004	1006	4.91	cps
Calcium	43-1	3076	3234	2917	3075	5.15	cps
Calcium	44-1	56649	56774	57343	56922	0.65	cps
Chromium	52-2	410	447	433	430	4.32	cps
Cobalt	59-2	40	40	57	46	21.13	cps
Copper	63-2	11602	11972	11582	11718	1.88	cps
Dysprosium	156-1	58	33	17	36	58.08	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	3	3	17	8	99.04	cps
Erbium	164-1	50	33	17	33	50.00	cps
Gadolinium	160-1	33	33	92	53	63.82	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	9052036	8065937	9034329	8717434	6.47	cps
Holmium	165-2	1916758	1872420	1868575	1885918	1.42	cps
Indium	115-1	6791478	5995272	6766003	6517584	6.94	cps
Indium	115-2	268795	264269	264356	265807	0.97	cps
Iron	56-2	1356	1350	1517	1408	6.73	cps
Iron	57-2	33	50	39	41	20.83	cps
Krypton	83-1	283	290	373	316	15.89	cps
Lead	206-1	511	583	567	554	6.83	cps
Lead	207-1	467	433	472	457	4.60	cps
Lead	208-1	2117	1967	2145	2076	4.61	cps
Lithium	6-1	1100920	1023660	1098093	1074224	4.08	cps
Magnesium	24-2	2234	2409	2192	2278	5.05	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	123	153	136	11.62	cps
Molybdenum	94-1	492	450	517	486	6.93	cps
Molybdenum	95-1	233	225	300	253	16.26	cps
Molybdenum	96-1	450	417	517	461	11.04	cps
Molybdenum	97-1	142	233	158	178	27.47	cps
Molybdenum	98-1	475	400	400	425	10.19	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	157	247	217	23.98	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2542	2825	2575	2648	5.85	cps
Rhodium	103-1	6218863	5643040	6276970	6046291	5.80	cps
Rhodium	103-2	1698043	1681693	1678581	1686106	0.62	cps
Scandium	45-1	3744395	3305285	3724342	3591341	6.90	cps
Scandium	45-2	26051	25523	25968	25847	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	44	11	-66	-4	-1554.40	cps
Silicon	28-1	517683	519698	515623	517668	0.39	cps
Silver	109-1	325	217	350	297	23.85	cps
Silver	107-1	342	350	317	336	5.16	cps
Sodium	23-2	29657	29849	29841	29782	0.36	cps
Strontium	86-1	1909	1842	1650	1800	7.45	cps
Strontium	88-1	11747	12189	12239	12059	2.25	cps
Sulfur	34-1	322245	318892	323884	321674	0.79	cps
Terbium	159-1	9400026	8300615	9265401	8988681	6.67	cps
Terbium	159-2	1802786	1776657	1774223	1784555	0.89	cps
Thallium	203-1	367	367	492	408	17.67	cps
Thallium	205-1	900	900	1067	956	10.07	cps
Thorium	232-1	389	544	522	485	17.34	cps
Tin	118-1	1534	1425	1517	1492	3.91	cps
Titanium	47-1	108	133	142	128	13.57	cps
Uranium	238-1	67	50	58	58	14.29	cps
Vanadium	51-2	20	7	7	11	69.25	cps
Yttrium	89-1	6827389	5978782	6746755	6517642	7.19	cps
Yttrium	89-2	194816	188218	190701	191245	1.74	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	J4651-05DLX5	Instrumnet Name :	P8
Client Sample ID :	NR-KIT-SINK-DWDL	Dilution Factor :	5
Date & Time Acquired ::	2018-08-28 15:56:57	DataFile Name :	051SMPL_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	757	703	657	706	7.09	cps
Zirconium	90-1	858	825	950	878	7.37	cps
Zirconium	91-1	225	250	308	261	16.38	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243292	244056	241576	242975	0.52	cps
Antimony	121-1	3943074	3902567	3912328	3919323	0.54	cps
Arsenic	75-2	37460	37854	37207	37507	0.87	cps
Barium	135-1	4147419	4099629	4136695	4127914	0.61	cps
Barium	137-1	7335586	7198965	7187291	7240614	1.14	cps
Beryllium	9-1	500988	496284	497544	498272	0.49	cps
Bismuth	209-1	6062083	6002068	5930637	5998263	1.10	cps
Bismuth	209-2	1451605	1326110	1477615	1418443	5.71	cps
Boron	11-1	260382	270835	273297	268171	2.56	cps
Boron	10-1	54588	56487	57315	56130	2.49	cps
Cadmium	106-1	84003	84103	85646	84584	1.09	cps
Cadmium	108-1	56819	56530	57242	56864	0.63	cps
Cadmium	111-1	795067	792878	789510	792485	0.35	cps
Calcium	43-1	3954676	3925693	3910990	3930453	0.57	cps
Calcium	44-1	64240679	64633599	64106414	64326897	0.43	cps
Chromium	52-2	316958	317376	313860	316065	0.61	cps
Cobalt	59-2	663933	663014	660080	662343	0.30	cps
Copper	63-2	1112914	1111388	1108698	1111000	0.19	cps
Dysprosium	156-1	58	125	142	108	40.70	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-2	10	7	23	13	66.12	cps
Erbium	164-1	33	25	25	28	17.31	cps
Gadolinium	160-1	117	67	83	89	28.64	cps
Gadolinium	160-2	33	17	20	23	37.78	cps
Holmium	165-1	9169791	9037340	9021172	9076101	0.90	cps
Holmium	165-2	1921595	1744525	1946993	1871038	5.89	cps
Indium	115-1	6603683	6501879	6503179	6536247	0.89	cps
Indium	115-2	259433	237513	262348	253098	5.36	cps
Iron	56-2	52139215	52635404	51988487	52254369	0.65	cps
Iron	57-2	1296965	1306134	1292210	1298436	0.55	cps
Krypton	83-1	303	340	253	299	14.56	cps
Lead	206-1	2704911	2720389	2729557	2718286	0.46	cps
Lead	207-1	2464061	2465970	2471871	2467301	0.17	cps
Lead	208-1	11093151	11112143	11097435	11100910	0.09	cps
Lithium	6-1	1113669	1106799	1097747	1106072	0.72	cps
Magnesium	24-2	5559972	5566148	5542703	5556274	0.22	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171191	171879	171384	171484	0.21	cps
Molybdenum	94-1	6380916	6411497	6460310	6417574	0.62	cps
Molybdenum	95-1	7920267	7858329	7884885	7887827	0.39	cps
Molybdenum	96-1	8824528	8718415	8754392	8765778	0.62	cps
Molybdenum	97-1	5021372	4984710	5017808	5007963	0.40	cps
Molybdenum	98-1	12632165	12647334	12616251	12631916	0.12	cps
Neodymium	150-1	240	147	213	200	24.04	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	196208	195333	194940	195493	0.33	cps
Phosphorus	31-2	3126	3226	2942	3098	4.64	cps
Potassium	39-2	1445801	1442444	1430060	1439435	0.58	cps
Rhodium	103-1	5936371	5907276	5874228	5905958	0.53	cps
Rhodium	103-2	1597603	1471941	1634901	1568148	5.44	cps
Scandium	45-1	3789065	3742418	3766932	3766138	0.62	cps
Scandium	45-2	26856	24946	27307	26370	4.75	cps
Selenium	77-2	227	227	307	253	18.23	cps
Selenium	78-2	857	852	826	845	1.99	cps
Selenium	82-1	48298	48208	48853	48453	0.72	cps
Silicon	28-1	1979742	1997085	2009231	1995353	0.74	cps
Silver	109-1	3802417	3746800	3761244	3770153	0.77	cps
Silver	107-1	4023889	3922890	3929486	3958755	1.43	cps
Sodium	23-2	12814976	12860693	12735061	12803577	0.50	cps
Strontium	86-1	957619	958546	960698	958954	0.16	cps
Strontium	88-1	8445122	8375136	8405846	8408701	0.42	cps
Sulfur	34-1	569313	576184	570328	571942	0.65	cps
Terbium	159-1	9450238	9146753	9211233	9269408	1.72	cps
Terbium	159-2	1798855	1652867	1823579	1758434	5.25	cps
Thallium	203-1	3373125	3360771	3353483	3362460	0.30	cps
Thallium	205-1	7955268	7897575	7875960	7909601	0.52	cps
Thorium	232-1	11450661	11362420	11366443	11393175	0.44	cps
Tin	118-1	2681399	2651220	2680082	2670900	0.64	cps
Titanium	47-1	2056217	2011245	2017282	2028248	1.20	cps
Uranium	238-1	11123056	10981951	11018823	11041277	0.66	cps
Vanadium	51-2	228089	227405	226168	227220	0.43	cps
Yttrium	89-1	6804480	6773143	6765177	6780933	0.31	cps
Yttrium	89-2	194974	179272	197324	190523	5.15	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:07:03	DataFile Name :	054CCV_P8082818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	100893	101065	101085	101014	0.10	cps
Zirconium	90-1	5411728	5350983	5322255	5361655	0.85	cps
Zirconium	91-1	1170612	1168500	1160653	1166588	0.45	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	20	10	17	34.66	cps
Antimony	121-1	8920	8586	7494	8334	8.95	cps
Arsenic	75-2	9	11	13	11	16.65	cps
Barium	135-1	92	83	42	72	37.09	cps
Barium	137-1	133	100	150	128	19.93	cps
Beryllium	9-1	300	356	333	330	8.48	cps
Bismuth	209-1	6329781	6273566	6222511	6275286	0.86	cps
Bismuth	209-2	1515333	1508068	1517230	1513544	0.32	cps
Boron	11-1	12247	11272	10212	11244	9.05	cps
Boron	10-1	2767	2625	2350	2581	8.21	cps
Cadmium	106-1	1725	1350	1617	1564	12.34	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Cadmium	111-1	1291	997	1221	1169	13.10	cps
Calcium	43-1	625	558	558	581	6.63	cps
Calcium	44-1	14475	14608	14558	14547	0.46	cps
Chromium	52-2	343	370	343	352	4.37	cps
Cobalt	59-2	30	97	57	61	54.91	cps
Copper	63-2	413	460	457	443	5.87	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	3	7	3	4	43.40	cps
Erbium	164-1	33	42	33	36	13.33	cps
Gadolinium	160-1	58	17	83	53	63.81	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	9039272	9038595	8921048	8999638	0.76	cps
Holmium	165-2	1859525	1877874	1887595	1874998	0.76	cps
Indium	115-1	6759923	6715351	6678711	6717995	0.61	cps
Indium	115-2	268433	268370	270272	269025	0.40	cps
Iron	56-2	2461	2061	2200	2241	9.06	cps
Iron	57-2	67	67	72	69	4.68	cps
Krypton	83-1	427	380	323	377	13.74	cps
Lead	206-1	517	544	522	528	2.78	cps
Lead	207-1	489	411	439	446	8.83	cps
Lead	208-1	2117	1972	1911	2000	5.28	cps
Lithium	6-1	1104303	1098781	1089662	1097582	0.67	cps
Magnesium	24-2	492	408	458	453	9.26	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	90	93	87	10.18	cps
Molybdenum	94-1	3101	2492	2225	2606	17.21	cps
Molybdenum	95-1	3276	2917	2509	2900	13.23	cps
Molybdenum	96-1	3709	2909	3017	3212	13.52	cps
Molybdenum	97-1	1917	1800	1433	1717	14.69	cps
Molybdenum	98-1	5193	4626	4142	4654	11.30	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	180	190	173	181	4.63	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2284	1959	2209	2150	7.92	cps
Rhodium	103-1	6279414	6218977	6196363	6231585	0.69	cps
Rhodium	103-2	1682299	1706749	1684007	1691018	0.81	cps
Scandium	45-1	3748177	3728012	3657960	3711383	1.28	cps
Scandium	45-2	26472	26879	26652	26668	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-96	-18	42	-24	-288.13	cps
Silicon	28-1	288040	284718	281853	284870	1.09	cps
Silver	109-1	308	425	300	344	20.29	cps
Silver	107-1	383	325	342	350	8.58	cps
Sodium	23-2	6919	6869	6560	6782	2.86	cps
Strontium	86-1	608	492	692	597	16.82	cps
Strontium	88-1	408	292	225	308	30.10	cps
Sulfur	34-1	334045	334738	332969	333917	0.27	cps
Terbium	159-1	9191094	9132992	9127414	9150500	0.39	cps
Terbium	159-2	1763497	1786507	1788752	1779585	0.79	cps
Thallium	203-1	1017	1025	875	972	8.67	cps
Thallium	205-1	2642	2225	2409	2425	8.61	cps
Thorium	232-1	6680	5968	5724	6124	8.11	cps
Tin	118-1	3284	3251	3267	3267	0.51	cps
Titanium	47-1	133	150	92	125	24.04	cps
Uranium	238-1	375	300	200	292	30.10	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	6788371	6748930	6676899	6738067	0.84	cps
Yttrium	89-2	193107	195936	194909	194651	0.74	cps

LB Number :	LB97604	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-08-28 16:10:15	DataFile Name :	055CCBE_P8082818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140	127	137	134	5.16	cps
Zirconium	90-1	2717	2525	2684	2642	3.88	cps
Zirconium	91-1	617	767	600	661	13.89	cps