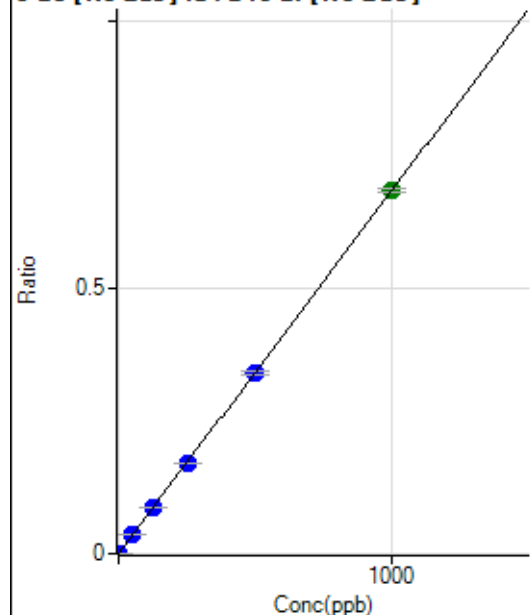


Batch Folder: D:\P808141 MS.b\
Analysis File: P808141 MS.batch.bin
DA Date-Time: 2018-08-14 18:46:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-14 17:06:58
2			
3	005CALS.d	S02	2018-08-14 17:14:33
4	006CALS.d	S03	2018-08-14 17:18:18
5	007CALS.d	S04	2018-08-14 17:22:03
6	008CALS.d	S05	2018-08-14 17:25:41
7	009CALS.d	S06	2018-08-14 17:29:14
8	010CALS.d	S07	2018-08-14 17:32:43
9	011CALS.d	S08	2018-08-14 17:36:08

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.82	0.0001	P	15.8
2	☐	0.100					
3	☐	1.000	0.962	1164.89	0.0007	P	3.3
4	☐	50.000	51.172	55267.48	0.0349	P	0.6
5	☐	125.000	128.144	139788.71	0.0874	P	0.5
6	☐	250.000	248.565	275624.81	0.1694	P	1.4
7	☐	500.000	499.287	545919.07	0.3402	P	2.1
8	☐	1000.000	1000.263	1097755.66	0.6815	A	1.2
9	☐			790.78	0.0005	P	5.3

$$y = 6.8121\text{E-}004 * x + 7.3652\text{E-}005$$

$$R = 1.0000$$

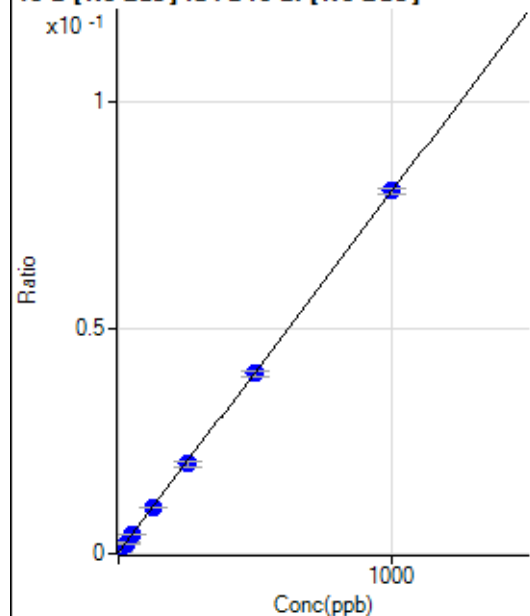
$$DL = 0.05129$$

$$BEC = 0.1081$$

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	452.80	0.0003	P	7.1
2	☐	2.500					
3	☐	25.000	24.835	3636.74	0.0023	P	6.3
4	☐	50.000	48.693	6615.66	0.0042	P	0.7
5	☐	125.000	126.195	16599.17	0.0104	P	0.9
6	☐	250.000	244.582	32259.34	0.0198	P	4.6
7	☐	500.000	497.212	64219.19	0.0400	P	3.4
8	☐	1000.000	1002.669	129549.87	0.0804	P	1.5
9	☐			6371.12	0.0041	P	6.0

$$y = 7.9907\text{E-}005 * x + 2.9054\text{E-}004$$

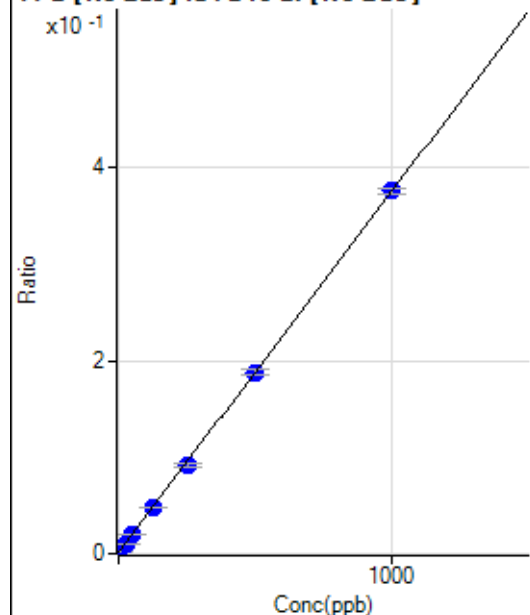
$$R = 1.0000$$

$$DL = 0.7711$$

$$BEC = 3.636$$

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	2480.87	0.0016	P	5.9
2	☐	2.500					
3	☐	25.000	22.872	16215.43	0.0101	P	2.1
4	☐	50.000	49.044	31535.65	0.0199	P	1.4
5	☐	125.000	124.104	76800.34	0.0480	P	0.4
6	☐	250.000	242.965	150358.61	0.0924	P	4.2
7	☐	500.000	499.642	302300.83	0.1884	P	4.0
8	☐	1000.000	1002.151	606250.69	0.3763	P	1.2
9	☐			30895.40	0.0198	P	7.2

$$y = 3.7392E-004 * x + 0.0016$$

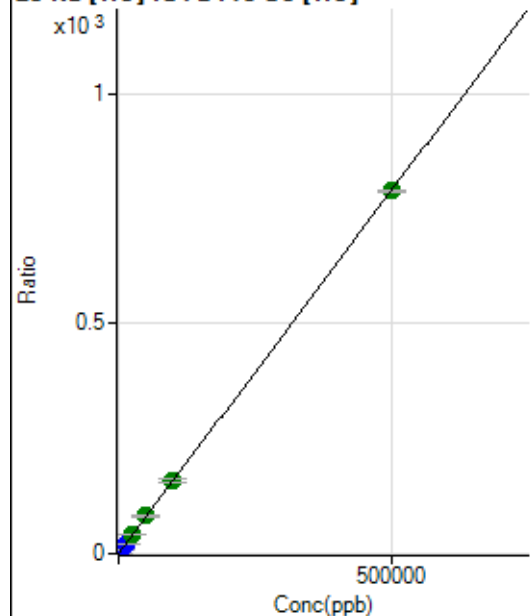
$$R = 1.0000$$

$$DL = 0.7605$$

$$BEC = 4.262$$

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	5056.67	0.1538	P	6.0
2	☐	50.000					
3	☐	500.000	490.169	30817.64	0.9283	P	2.0
4	☐	5000.000	5222.442	275636.06	8.4064	P	1.4
5	☐	12500.000	13338.640	691428.47	21.2318	P	2.4
6	☐	25000.000	27107.079	1386526.07	42.9890	A	4.1
7	☐	50000.000	51989.508	2721097.20	82.3089	A	3.6
8	☐	100000.00	101235.42	5349207.15	160.1285	A	4.5
9	☐	500000.00	499425.43	26805849.56	789.3581	A	0.7

$$y = 0.0016 * x + 0.1538$$

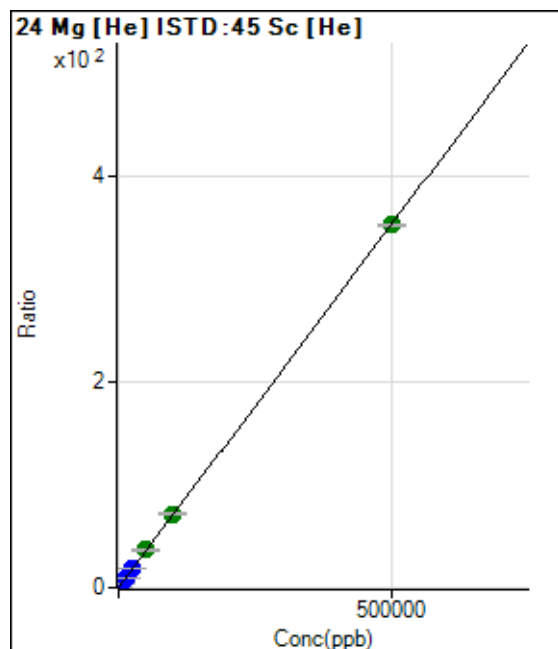
$$R = 1.0000$$

$$DL = 17.56$$

$$BEC = 97.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.57	0.0055	P	8.5
2	☐	50.000					
3	☐	500.000	492.093	11744.24	0.3538	P	1.6
4	☐	5000.000	5231.377	121555.22	3.7078	P	2.6
5	☐	12500.000	13339.768	307604.28	9.4463	P	3.1
6	☐	25000.000	26353.813	601761.98	18.6566	P	3.9
7	☐	50000.000	52092.236	1218834.50	36.8722	A	4.1
8	☐	100000.00	101826.36	2407754.66	72.0701	A	4.1
9	☐	500000.00	499334.51	12000856.08	353.3948	A	0.7

$$y = 7.0772\text{E-}004 * x + 0.0055$$

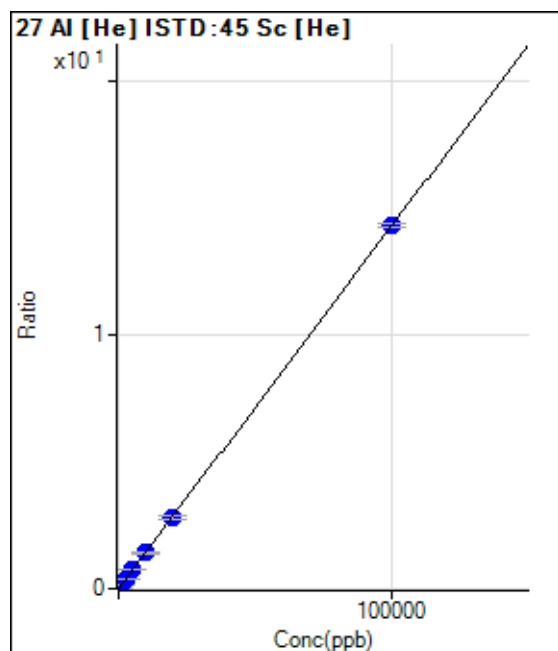
$$R = 1.0000$$

$$DL = 1.98$$

$$BEC = 7.756$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.67	0.0004	P	11.0
2	☐	2.000					
3	☐	20.000	18.288	98.36	0.0030	P	18.7
4	☐	1000.000	1010.365	4737.86	0.1445	P	2.9
5	☐	2500.000	2564.206	11922.23	0.3662	P	4.5
6	☐	5000.000	5162.498	23769.20	0.7370	P	4.1
7	☐	10000.000	10026.630	47296.70	1.4310	P	4.6
8	☐	20000.000	19589.893	93377.81	2.7955	P	4.8
9	☐	100000.00	100069.52	484882.75	14.2785	P	1.1

$$y = 1.4268\text{E-}004 * x + 3.5447\text{E-}004$$

$$R = 1.0000$$

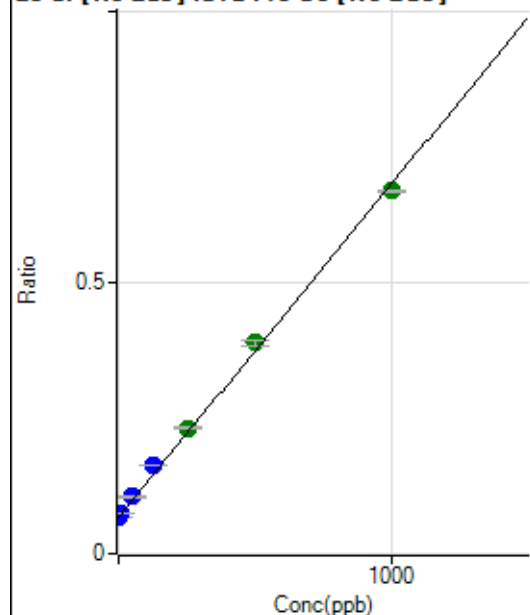
$$DL = 0.8192$$

$$BEC = 2.484$$

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	319896.10	0.0672	P	2.1
2	☐	1.000					
3	☐	10.000	13.042	369878.40	0.0752	P	0.3
4	☐	50.000	61.559	510756.64	0.1050	P	1.4
5	☐	125.000	157.043	805880.82	0.1638	P	1.1
6	☐	250.000	268.256	1159823.87	0.2322	A	1.7
7	☐	500.000	523.555	1943909.44	0.3893	A	2.3
8	☐	1000.000	979.045	3352204.39	0.6695	A	0.4
9	☐			645291.05	0.1321	P	4.4

$$y = 6.1521\text{E-}004 * x + 0.0672$$

$$R = 0.9991$$

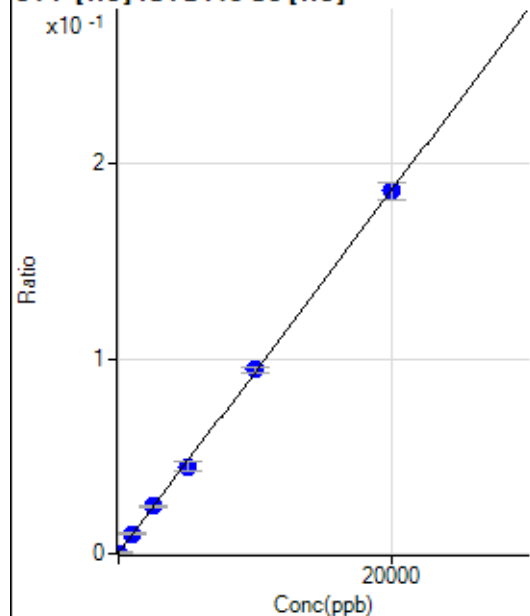
$$DL = 6.998$$

$$BEC = 109.2$$

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	-13.471	5.56	0.0002	P	173.2
2	☐	0.000					
3	☐	0.000	13.471	13.89	0.0004	P	68.5
4	☐	1000.000	1079.161	338.91	0.0103	P	9.9
5	☐	2500.000	2602.932	797.28	0.0245	P	4.2
6	☐	5000.000	4774.137	1439.03	0.0447	P	9.7
7	☐	10000.000	10127.342	3122.71	0.0944	P	2.9
8	☐	20000.000	19975.971	6212.74	0.1860	P	4.6
9	☐			11.11	0.0003	P	173.2

$$y = 9.2958\text{E-}006 * x + 2.9158\text{E-}004$$

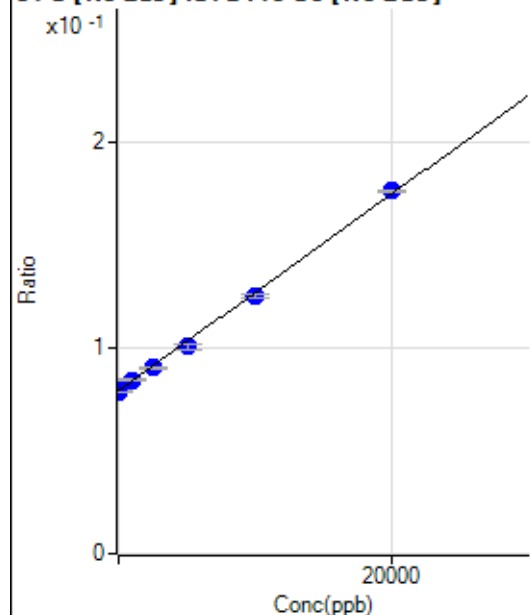
$$R = 0.9999$$

$$DL = 92.55$$

$$BEC = 31.37$$

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	137.094	381045.28	0.0800	P	2.2
2	☐	0.000					
3	☐	0.000	-137.094	387121.28	0.0787	P	0.4
4	☐	1000.000	1066.456	410658.07	0.0845	P	1.3
5	☐	2500.000	2333.583	445381.05	0.0905	P	0.7
6	☐	5000.000	4511.228	504054.46	0.1009	P	2.7
7	☐	10000.000	9675.898	627454.49	0.1256	P	1.5
8	☐	20000.000	20301.723	883616.59	0.1765	P	0.3
9	☐			373384.03	0.0764	P	3.6

$$y = 4.7840\text{E-}006 * x + 0.0793$$

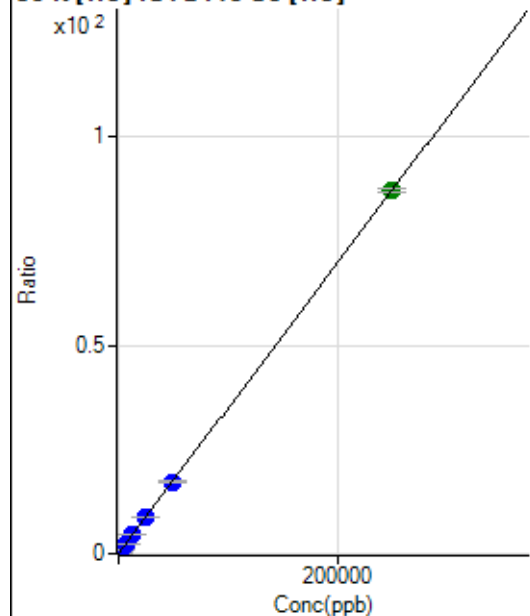
$$R = 0.9994$$

$$DL = 653.2$$

$$BEC = 1.659\text{E+}04$$

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	2008.56	0.0611	P	3.5
2	☐	50.000					
3	☐	500.000	490.155	7688.56	0.2317	P	7.1
4	☐	2500.000	2582.159	31463.87	0.9598	P	2.8
5	☐	6250.000	6502.194	75678.44	2.3241	P	3.1
6	☐	12500.000	12831.396	146013.94	4.5269	P	4.0
7	☐	25000.000	25085.471	290709.86	8.7918	P	2.8
8	☐	50000.000	49488.200	577453.70	17.2849	P	4.2
9	☐	250000.00	250070.13	2957582.62	87.0950	A	1.0

$$y = 3.4804\text{E-}004 * x + 0.0611$$

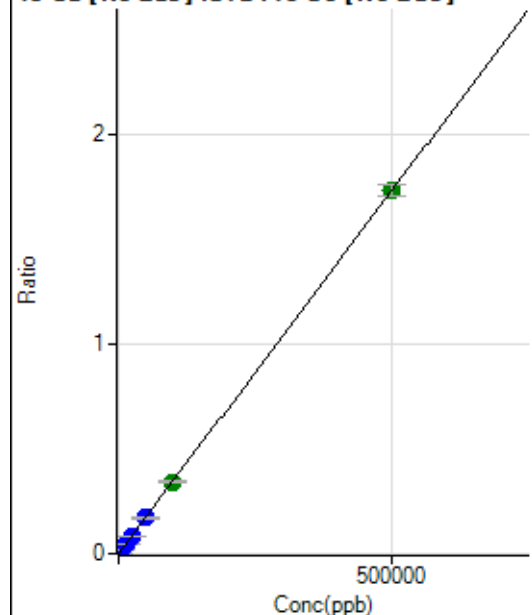
$$R = 1.0000$$

$$DL = 18.29$$

$$BEC = 175.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.81	0.0001	P	17.9
2	☐	50.000					
3	☐	500.000	472.813	8586.29	0.0017	P	2.3
4	☐	5000.000	4950.437	83738.24	0.0172	P	3.1
5	☐	12500.000	12659.466	215876.40	0.0439	P	0.3
6	☐	25000.000	24493.827	423439.93	0.0848	P	1.9
7	☐	50000.000	49034.389	847016.53	0.1696	P	1.8
8	☐	100000.00	99350.941	1720146.20	0.3435	A	0.4
9	☐	500000.00	500248.21	8449353.31	1.7293	A	3.2

$$y = 3.4567\text{E-}006 * x + 1.1105\text{E-}004$$

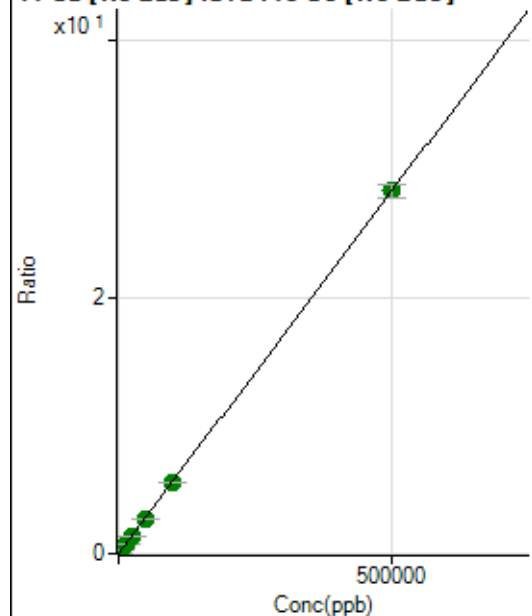
$$R = 1.0000$$

$$DL = 17.21$$

$$BEC = 32.13$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14972.58	0.0031	P	1.7
2	☐	50.000					
3	☐	500.000	467.107	145188.02	0.0295	P	0.7
4	☐	5000.000	5044.765	1400167.07	0.2879	A	1.6
5	☐	12500.000	12635.002	3525347.26	0.7164	A	0.8
6	☐	25000.000	24099.682	6810758.66	1.3637	A	2.2
7	☐	50000.000	48590.373	13715984.68	2.7463	A	1.0
8	☐	100000.00	97388.029	27544658.60	5.5011	A	0.2
9	☐	500000.00	500704.58	138118986.4	28.2699	A	3.4

$$y = 5.6454\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

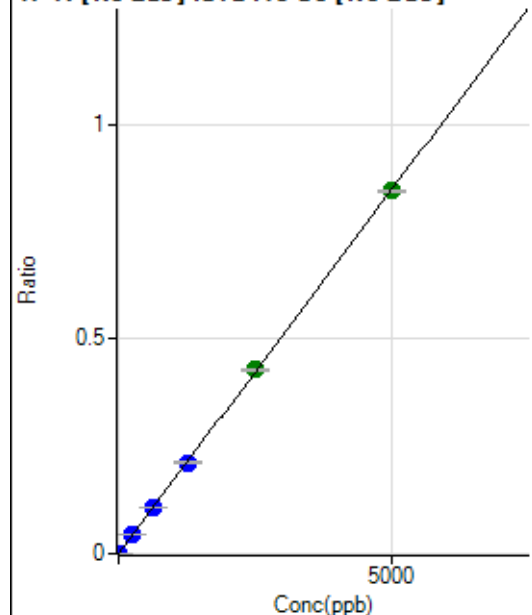
$$DL = 2.898$$

$$BEC = 55.68$$

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	122.23	0.0000	P	27.3
2	☐	0.500					
3	☐	5.000	5.035	4320.29	0.0009	P	3.7
4	☐	250.000	254.747	209898.92	0.0432	P	1.4
5	☐	625.000	637.414	531283.16	0.1080	P	0.2
6	☐	1250.000	1243.478	1051889.88	0.2106	P	2.1
7	☐	2500.000	2525.045	2135518.56	0.4276	A	2.0
8	☐	5000.000	4987.319	4229056.30	0.8446	A	0.4
9	☐			2272.51	0.0005	P	8.8

$$y = 1.6934\text{E-}004 * x + 2.5584\text{E-}005$$

$$R = 1.0000$$

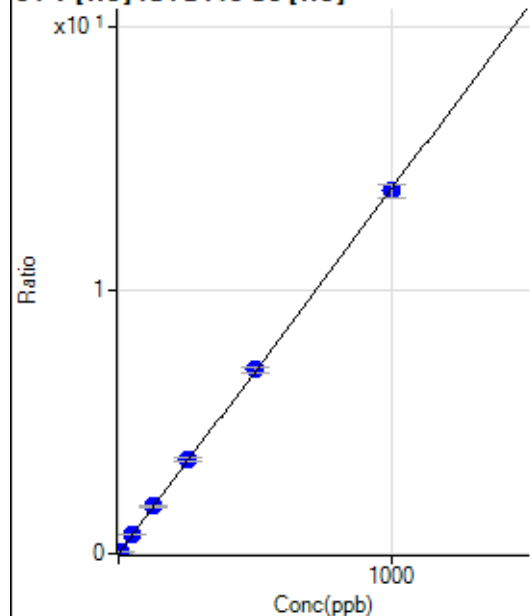
$$DL = 0.1236$$

$$BEC = 0.1511$$

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	6.67	0.0002	P	100.6
2	☐	0.500					
3	☐	5.000	5.117	2358.02	0.0711	P	10.2
4	☐	50.000	51.075	23199.42	0.7076	P	1.8
5	☐	125.000	131.179	59164.49	1.8170	P	3.1
6	☐	250.000	258.156	115324.37	3.5756	P	4.1
7	☐	500.000	504.875	231170.88	6.9925	P	3.6
8	☐	1000.000	994.697	460265.22	13.7764	P	4.0
9	☐			180.00	0.0053	P	6.3

$$y = 0.0138 * x + 2.0508\text{E-}004$$

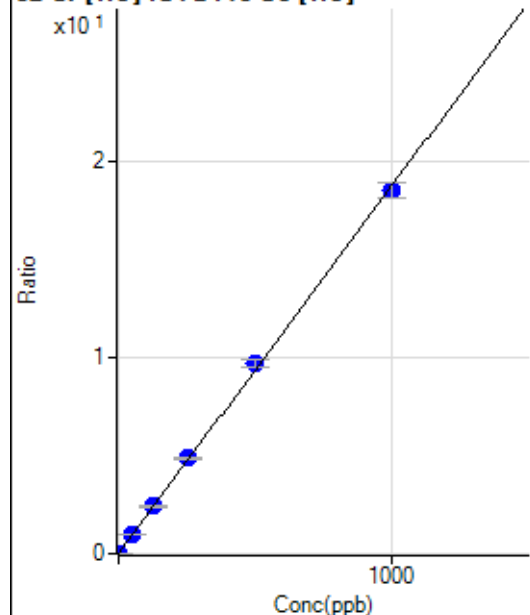
$$R = 0.9999$$

$$DL = 0.0447$$

$$BEC = 0.01481$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0088	P	8.0
2	☐	0.200					
3	☐	2.000	2.020	1546.78	0.0466	P	5.9
4	☐	50.000	50.794	31468.86	0.9598	P	1.7
5	☐	125.000	129.502	79239.36	2.4334	P	2.9
6	☐	250.000	258.951	156683.97	4.8571	P	3.4
7	☐	500.000	519.518	321848.50	9.7356	P	3.7
8	☐	1000.000	987.401	617884.22	18.4957	P	4.3
9	☐			24998.10	0.7361	P	2.1

$$y = 0.0187 * x + 0.0088$$

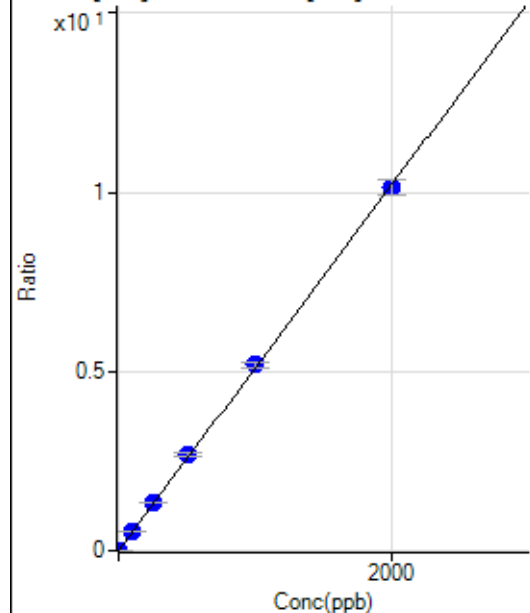
$$R = 0.9997$$

$$DL = 0.1125$$

$$BEC = 0.4697$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0012	P	6.4
2	☐	0.100					
3	☐	1.000	1.046	216.67	0.0065	P	11.2
4	☐	100.000	103.092	17277.60	0.5270	P	2.3
5	☐	250.000	263.628	43823.22	1.3457	P	2.5
6	☐	500.000	522.752	86021.63	2.6673	P	4.4
7	☐	1000.000	1015.440	171239.26	5.1800	P	3.9
8	☐	2000.000	1984.734	338216.36	10.1235	P	4.1
9	☐			1651.24	0.0486	P	3.7

$$y = 0.0051 * x + 0.0012$$

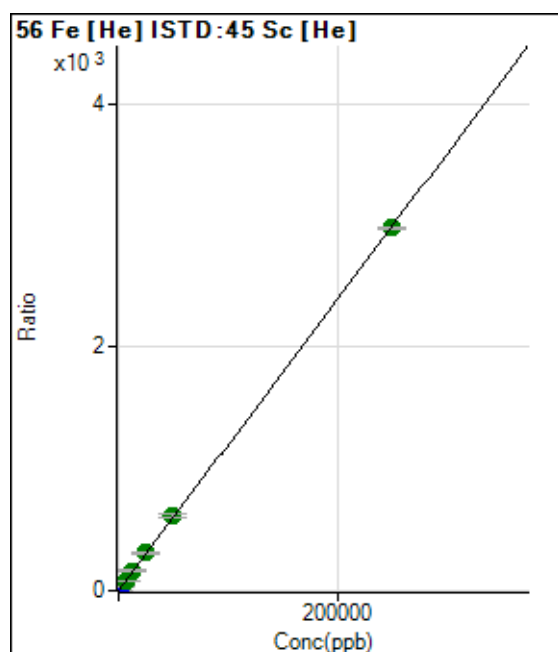
$$R = 0.9999$$

$$DL = 0.04427$$

$$BEC = 0.2321$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	892.65	0.0271	P	3.2
2	☐	5.000					
3	☐	50.000	53.761	22201.46	0.6688	P	2.5
4	☐	2500.000	2673.618	1047012.13	31.9384	P	2.7
5	☐	6250.000	6928.777	2693993.09	82.7265	A	2.6
6	☐	12500.000	13639.345	5251762.10	162.8213	A	3.9
7	☐	25000.000	26278.434	10368762.73	313.6768	A	4.1
8	☐	50000.000	51421.493	20509785.41	613.7750	A	3.3
9	☐	250000.00	249512.18	101133805.0	2,978.111	A	0.8

$$y = 0.0119 * x + 0.0271$$

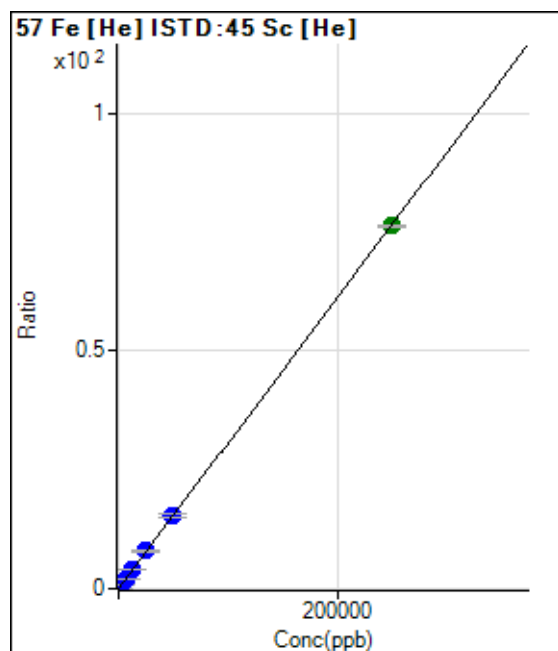
$$R = 1.0000$$

$$DL = 0.2197$$

$$BEC = 2.274$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0010	P	56.2
2	☐	5.000					
3	☐	50.000	52.010	559.29	0.0168	P	2.2
4	☐	2500.000	2640.359	26479.35	0.8076	P	2.0
5	☐	6250.000	6682.986	66519.79	2.0427	P	2.8
6	☐	12500.000	13321.049	131278.86	4.0708	P	4.6
7	☐	25000.000	26136.815	264060.96	7.9863	P	3.0
8	☐	50000.000	50599.325	516532.33	15.4600	P	3.8
9	☐	250000.00	249713.17	2590816.78	76.2932	A	0.7

$$y = 3.0552E-004 * x + 9.5270E-004$$

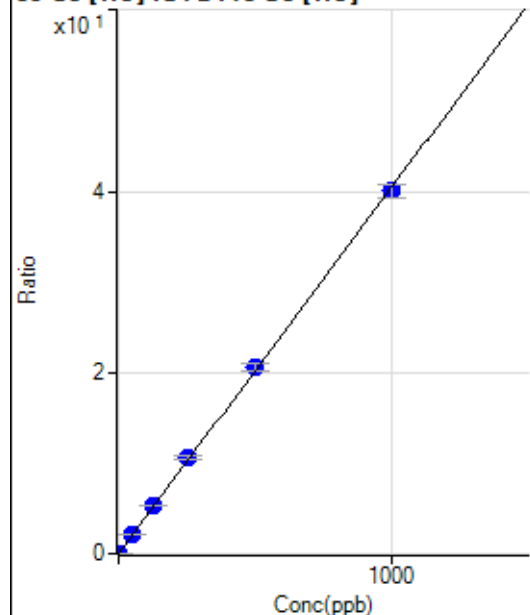
$$R = 1.0000$$

$$DL = 5.256$$

$$BEC = 3.118$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0025	P	24.0
2	☐	0.100					
3	☐	1.000	0.992	1415.65	0.0426	P	10.3
4	☐	50.000	51.899	68843.48	2.1000	P	2.6
5	☐	125.000	132.237	174133.44	5.3467	P	2.0
6	☐	250.000	261.958	341557.68	10.5893	P	3.9
7	☐	500.000	510.275	681820.00	20.6248	P	3.8
8	☐	1000.000	990.873	1338025.21	40.0476	P	3.8
9	☐			16245.22	0.4784	P	1.7

$$y = 0.0404 * x + 0.0025$$

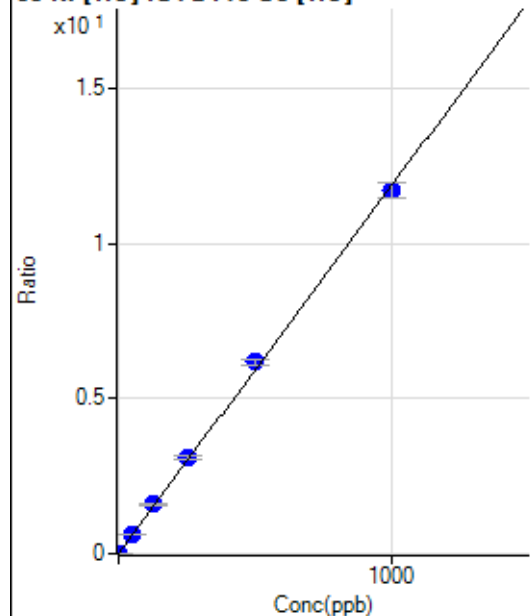
$$R = 0.9998$$

$$DL = 0.04475$$

$$BEC = 0.06204$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.56	0.0029	P	21.9
2	☐	0.100					
3	☐	1.000	1.041	506.69	0.0153	P	19.6
4	☐	50.000	52.468	20513.09	0.6257	P	2.4
5	☐	125.000	133.211	51596.35	1.5841	P	1.4
6	☐	250.000	260.944	100000.05	3.1003	P	3.8
7	☐	500.000	519.981	204143.70	6.1750	P	3.6
8	☐	1000.000	986.123	391151.67	11.7080	P	4.1
9	☐			13110.80	0.3861	P	0.4

$$y = 0.0119 * x + 0.0029$$

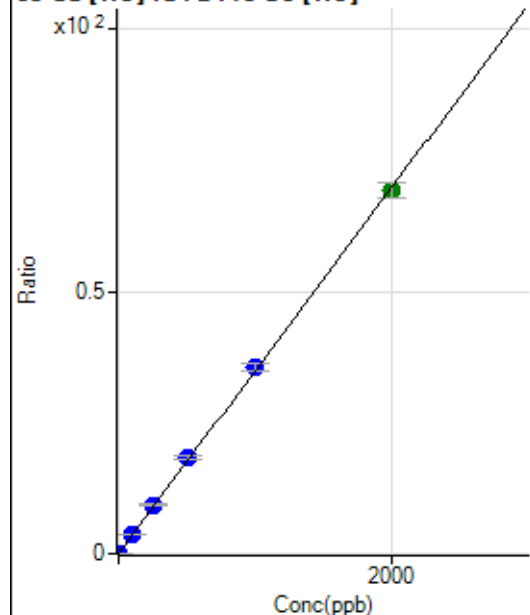
$$R = 0.9996$$

$$DL = 0.1605$$

$$BEC = 0.2443$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	901.16	0.0274	P	7.5
2	☐	0.200					
3	☐	2.000	1.999	3221.55	0.0970	P	1.8
4	☐	100.000	104.008	119663.87	3.6500	P	2.2
5	☐	250.000	264.467	300841.05	9.2387	P	2.9
6	☐	500.000	523.985	589491.40	18.2776	P	4.2
7	☐	1000.000	1016.984	1171715.43	35.4485	P	4.3
8	☐	2000.000	1983.503	2308915.17	69.1120	A	4.1
9	☐			6148.13	0.1810	P	1.8

$$y = 0.0348 * x + 0.0274$$

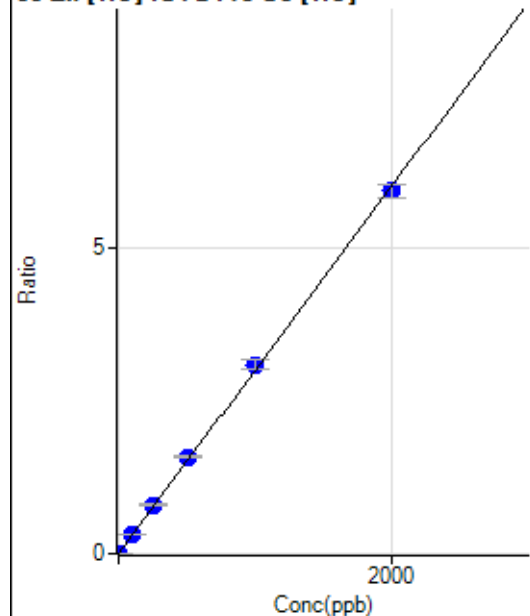
$$R = 0.9999$$

$$DL = 0.1769$$

$$BEC = 0.7874$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0016	P	10.6
2	☐	0.200					
3	☐	2.000	2.448	295.56	0.0089	P	20.1
4	☐	100.000	104.696	10329.53	0.3150	P	0.4
5	☐	250.000	265.676	25947.81	0.7968	P	2.8
6	☐	500.000	527.651	51000.06	1.5810	P	3.4
7	☐	1000.000	1029.579	101914.08	3.0833	P	4.5
8	☐	2000.000	1976.103	197668.45	5.9165	P	4.0
9	☐			1624.57	0.0478	P	4.8

$$y = 0.0030 * x + 0.0016$$

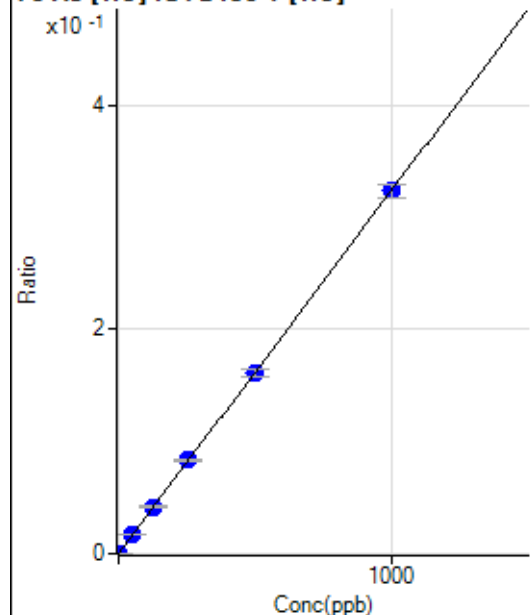
$$R = 0.9997$$

$$DL = 0.1691$$

$$BEC = 0.531$$

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	2.47	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.869	66.67	0.0003	P	13.7
4	☐	50.000	51.437	3775.85	0.0167	P	1.8
5	☐	125.000	129.580	9456.38	0.0419	P	2.3
6	☐	250.000	257.218	18364.74	0.0833	P	2.6
7	☐	500.000	497.055	36235.65	0.1609	P	4.3
8	☐	1000.000	999.024	72880.28	0.3233	P	3.6
9	☐			132.10	0.0006	P	5.5

$$y = 3.2362\text{E-}004 * x + 1.0972\text{E-}005$$

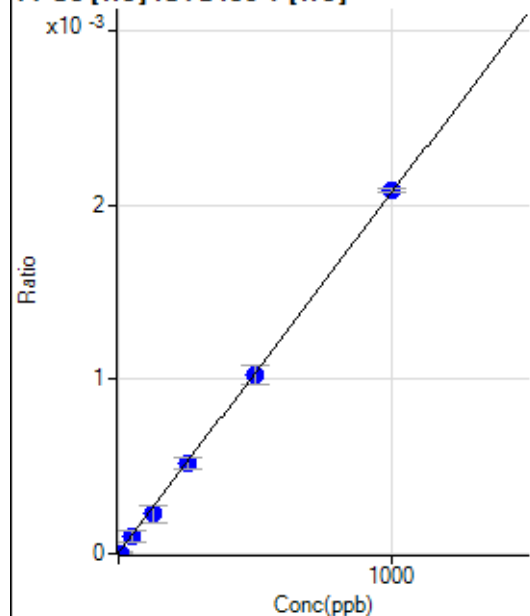
$$R = 1.0000$$

$$DL = 0.08809$$

$$BEC = 0.0339$$

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	-2.406	0.00	0.0000	P	
4	☐	50.000	47.418	23.33	0.0001	P	62.2
5	☐	125.000	107.322	51.11	0.0002	P	43.2
6	☐	250.000	248.877	114.45	0.0005	P	11.0
7	☐	500.000	494.770	232.23	0.0010	P	10.3
8	☐	1000.000	1005.272	470.02	0.0021	P	0.9
9	☐			0.00	0.0000	P	

$$y = 2.0679\text{E-}006 * x + 4.9752\text{E-}006$$

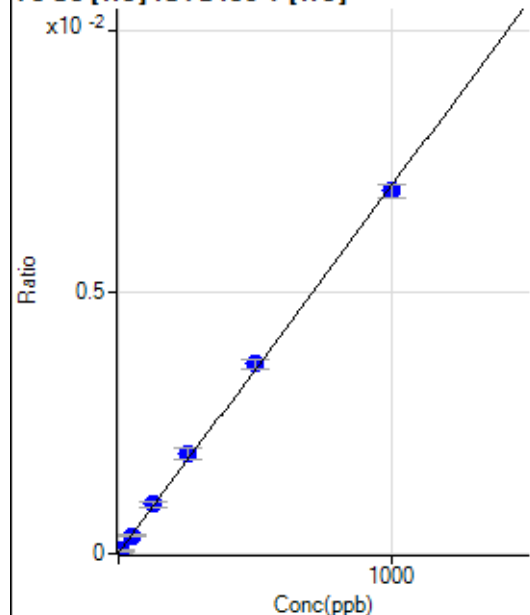
$$R = 0.9999$$

$$DL = 12.5$$

$$BEC = 2.406$$

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	2.47	0.0000	P	42.4
2	☐	0.500					
3	☐	5.000	7.300	14.20	0.0001	P	27.4
4	☐	50.000	47.632	78.39	0.0003	P	5.3
5	☐	125.000	132.894	212.97	0.0009	P	10.7
6	☐	250.000	270.209	421.62	0.0019	P	10.5
7	☐	500.000	515.379	818.55	0.0036	P	5.2
8	☐	1000.000	986.378	1564.92	0.0069	P	3.9
9	☐			3.70	0.0000	P	0.8

$$y = 7.0278\text{E-}006 * x + 1.0973\text{E-}005$$

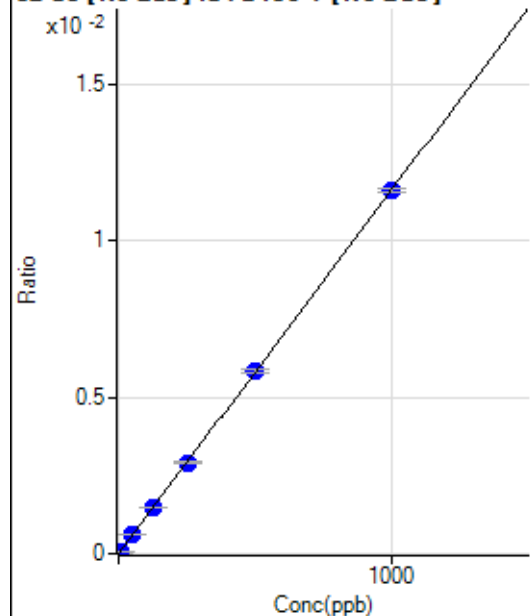
$$R = 0.9996$$

$$DL = 1.984$$

$$BEC = 1.561$$

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	-3.88	0.0000	P	-2386.
2	☐	0.500					
3	☐	5.000	4.854	478.70	0.0001	P	11.8
4	☐	50.000	53.006	5205.36	0.0006	P	2.2
5	☐	125.000	128.812	12810.57	0.0015	P	0.6
6	☐	250.000	251.200	25479.32	0.0029	P	1.1
7	☐	500.000	502.343	50703.82	0.0058	P	2.0
8	☐	1000.000	997.902	101068.67	0.0116	P	1.2
9	☐			99.17	0.0000	P	34.2

$$y = 1.1625\text{E-}005 * x - 4.6811\text{E-}007$$

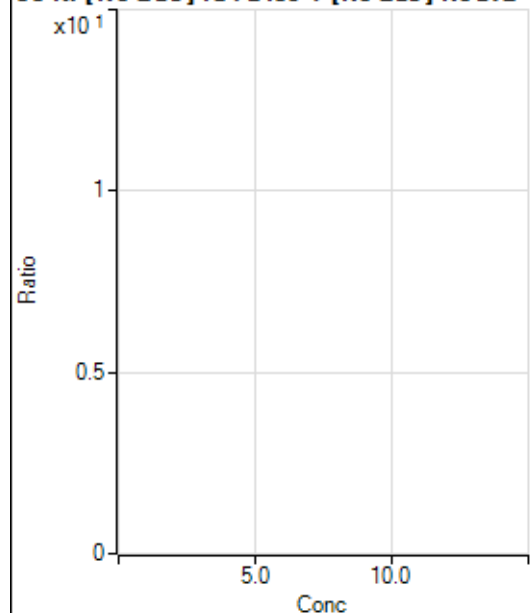
$$R = 1.0000$$

$$DL = 2.883$$

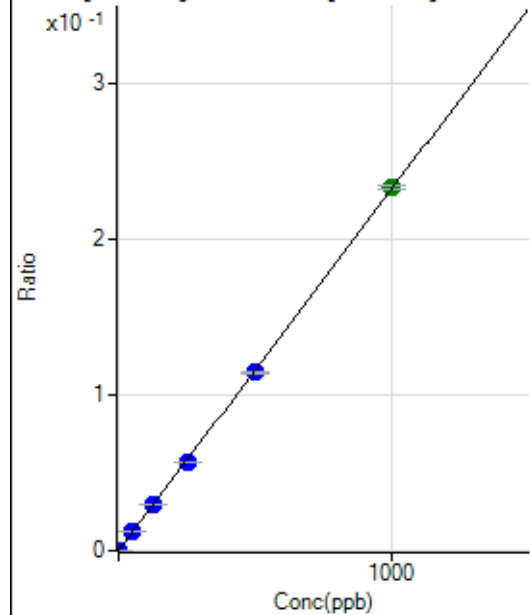
$$BEC = -0.04027$$

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	☐			335.57	0.0000	P	13.6
2	☐						
3	☐			348.90	0.0000	P	9.5
4	☐			312.23	0.0000	P	18.0
5	☐			367.79	0.0000	P	14.0
6	☐			304.45	0.0000	P	8.9
7	☐			336.68	0.0000	P	9.7
8	☐			361.12	0.0000	P	8.9
9	☐			300.01	0.0000	P	13.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500.03	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	1.030	2561.48	0.0003	P	2.8
4	☐	50.000	50.661	99658.80	0.0118	P	0.4
5	☐	125.000	127.088	252259.36	0.0295	P	0.6
6	☐	250.000	244.825	495063.46	0.0567	P	1.0
7	☐	500.000	493.648	992786.64	0.1143	P	1.2
8	☐	1000.000	1004.176	2025687.94	0.2325	A	1.0
9	☐			10309.92	0.0012	P	2.9

$$y = 2.3146E-004 * x + 6.0507E-005$$

$$R = 0.9999$$

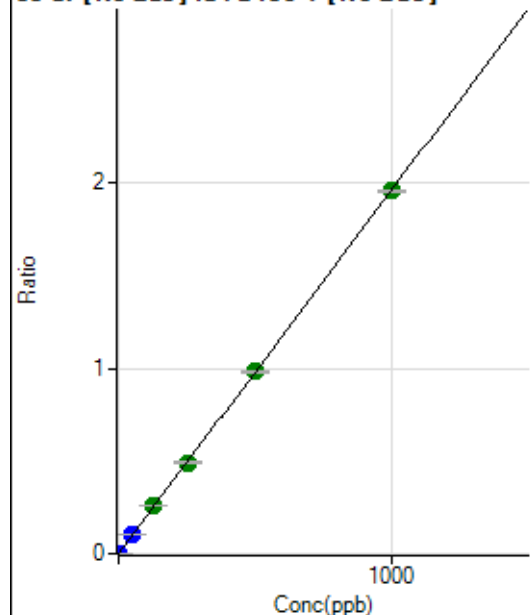
$$DL = 0.1129$$

$$BEC = 0.2614$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.79	0.0000	P	31.2
2	☐	0.100					
3	☐	1.000	1.017	17242.11	0.0020	P	0.1
4	☐	50.000	51.922	860844.59	0.1018	P	0.9
5	☐	125.000	130.641	2192088.44	0.2561	A	0.9
6	☐	250.000	251.028	4295167.28	0.4922	A	1.0
7	☐	500.000	501.369	8536197.68	0.9830	A	1.5
8	☐	1000.000	998.257	17053390.49	1.9572	A	0.6
9	☐			84433.44	0.0100	P	1.6

$$y = 0.0020 * x + 1.8514E-005$$

$$R = 1.0000$$

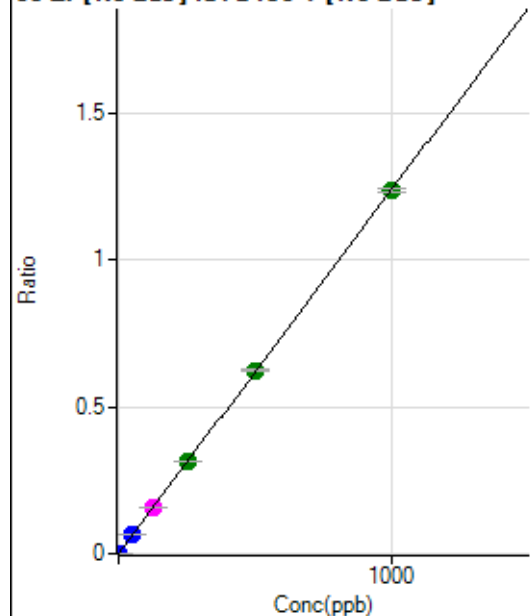
$$DL = 0.008848$$

$$BEC = 0.009443$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	713.94	0.0001	P	12.1
2	☐	0.100					
3	☐	1.000	0.970	11013.29	0.0013	P	4.9
4	☐	50.000	51.062	535003.35	0.0633	P	0.4
5	☐	125.000	128.072	1357060.46	0.1586	M	0.9
6	☐	250.000	253.544	2738843.55	0.3138	A	1.1
7	☐	500.000	503.039	5406508.67	0.6226	A	1.4
8	☐	1000.000	997.157	10752275.24	1.2340	A	1.1
9	☐			3167.19	0.0004	P	4.8

$$y = 0.0012 * x + 8.6218E-005$$

$$R = 1.0000$$

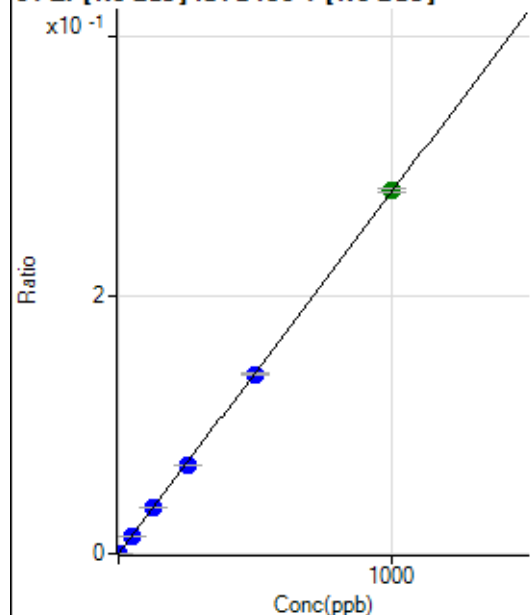
$$DL = 0.02527$$

$$BEC = 0.06967$$

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	180.57	0.0000	P	10.0
2	☐	0.100					
3	☐	1.000	0.939	2436.45	0.0003	P	6.9
4	☐	50.000	49.637	117630.02	0.0139	P	1.2
5	☐	125.000	126.056	302056.43	0.0353	P	1.6
6	☐	250.000	244.082	596260.45	0.0683	P	0.7
7	☐	500.000	495.845	1205153.05	0.1388	P	1.1
8	☐	1000.000	1003.443	2446797.82	0.2808	A	1.2
9	☐			727.83	0.0001	P	6.9

$$y = 2.7983\text{E-}004 * x + 2.1842\text{E-}005$$

$$R = 1.0000$$

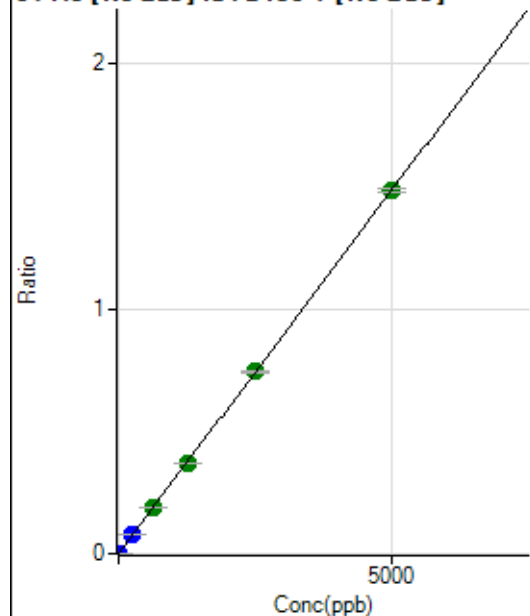
$$DL = 0.02331$$

$$BEC = 0.07805$$

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	408.36	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.808	12631.37	0.0015	P	1.4
4	☐	250.000	254.583	638652.48	0.0755	P	0.5
5	☐	625.000	645.735	1638947.23	0.1915	A	0.8
6	☐	1250.000	1251.916	3239923.23	0.3712	A	0.5
7	☐	2500.000	2502.650	6444830.44	0.7421	A	0.8
8	☐	5000.000	4995.375	12906091.78	1.4812	A	0.9
9	☐			16939.14	0.0020	P	3.3

$$y = 2.9650\text{E-}004 * x + 4.9463\text{E-}005$$

$$R = 1.0000$$

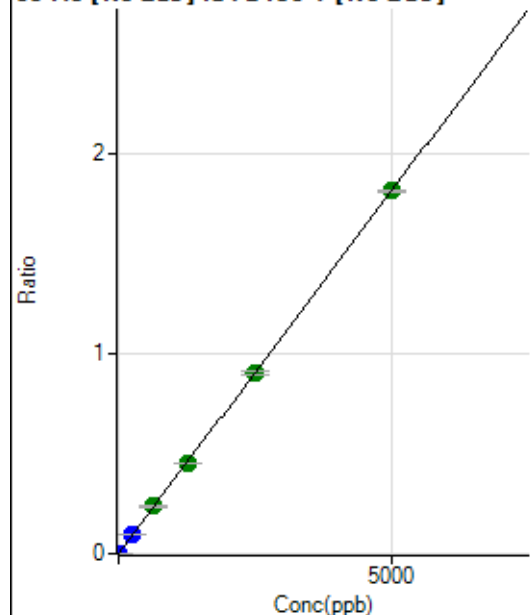
$$DL = 0.07952$$

$$BEC = 0.1668$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	17.6
2	☐	0.500					
3	☐	5.000	4.940	15551.22	0.0018	P	2.2
4	☐	250.000	254.328	780458.56	0.0923	P	0.6
5	☐	625.000	650.267	2019400.20	0.2360	A	1.4
6	☐	1250.000	1252.860	3967607.47	0.4546	A	0.2
7	☐	2500.000	2490.857	7849022.57	0.9038	A	1.2
8	☐	5000.000	5000.482	15809862.86	1.8144	A	0.7
9	☐			26866.36	0.0032	P	4.6

$$y = 3.6285E-004 * x + 2.3554E-005$$

$$R = 1.0000$$

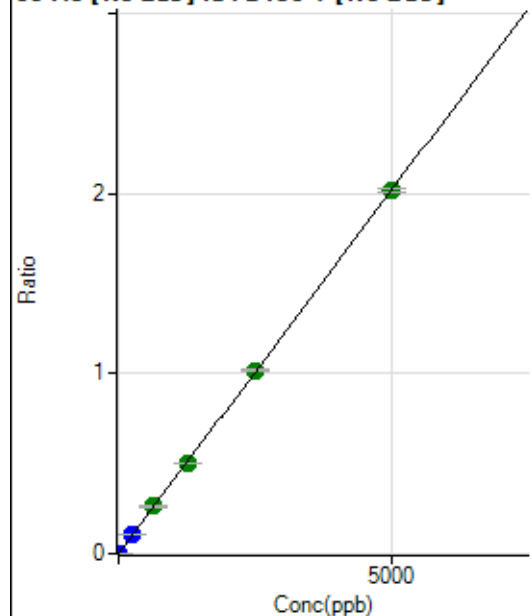
$$DL = 0.03422$$

$$BEC = 0.06491$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0000	P	16.0
2	☐	0.500					
3	☐	5.000	4.877	17242.29	0.0020	P	1.0
4	☐	250.000	254.732	871006.60	0.1030	P	0.9
5	☐	625.000	648.351	2243371.00	0.2621	A	0.7
6	☐	1250.000	1241.815	4381244.02	0.5020	A	1.3
7	☐	2500.000	2515.159	8830065.56	1.0168	A	1.2
8	☐	5000.000	4991.312	17581339.28	2.0178	A	1.0
9	☐			31092.19	0.0037	P	0.3

$$y = 4.0425E-004 * x + 4.1995E-005$$

$$R = 1.0000$$

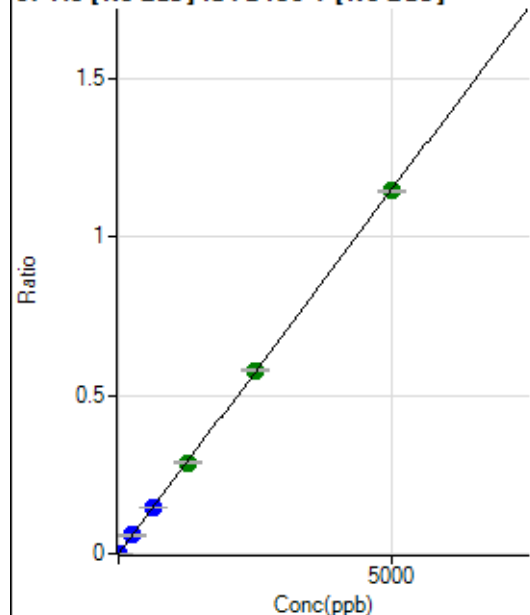
$$DL = 0.04997$$

$$BEC = 0.1039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	36.4
2	☐	0.500					
3	☐	5.000	4.820	9673.33	0.0011	P	3.8
4	☐	250.000	251.449	488992.23	0.0578	P	0.8
5	☐	625.000	634.184	1248048.61	0.1458	P	0.9
6	☐	1250.000	1253.810	2515984.58	0.2883	A	0.8
7	☐	2500.000	2523.259	5038077.07	0.5802	A	1.8
8	☐	5000.000	4986.198	9989408.12	1.1465	A	0.7
9	☐			17317.38	0.0021	P	1.9

$$y = 2.2992E-004 * x + 2.1416E-005$$

$$R = 1.0000$$

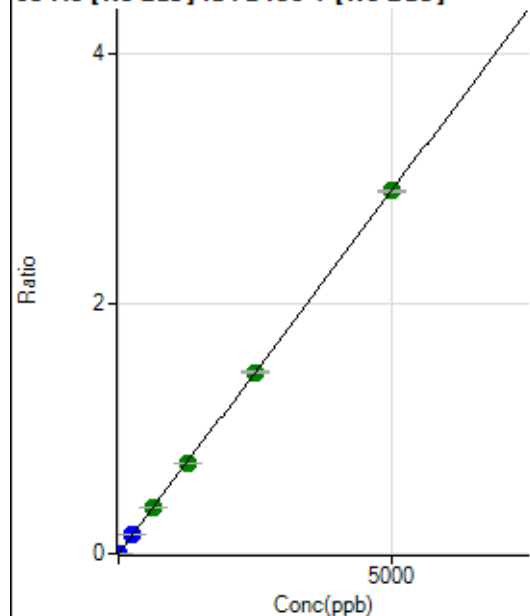
$$DL = 0.1016$$

$$BEC = 0.09314$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.02	0.0000	P	24.9
2	☐	0.500					
3	☐	5.000	4.872	24615.03	0.0029	P	1.5
4	☐	250.000	255.302	1255342.48	0.1485	P	1.0
5	☐	625.000	645.271	3211063.24	0.3752	A	0.5
6	☐	1250.000	1244.118	6312930.65	0.7234	A	0.8
7	☐	2500.000	2498.325	12614351.23	1.4526	A	1.3
8	☐	5000.000	4999.509	25328111.50	2.9068	A	0.5
9	☐			44379.18	0.0053	P	0.2

$$y = 5.8140E-004 * x + 4.2340E-005$$

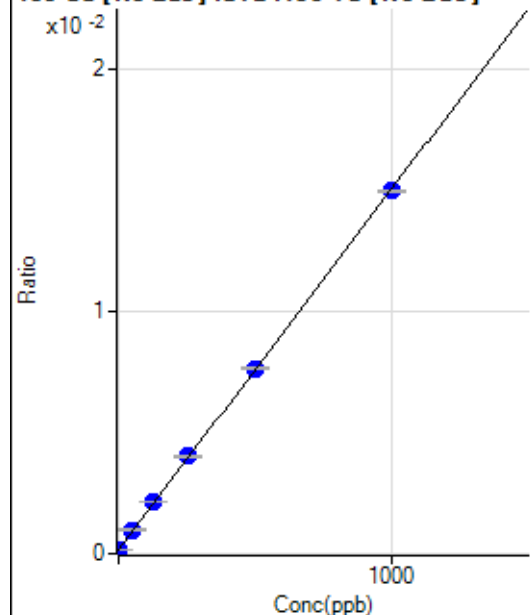
$$R = 1.0000$$

$$DL = 0.05441$$

$$BEC = 0.07282$$

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	1794.65	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.882	2003.01	0.0002	P	3.3
4	☐	50.000	54.332	10763.11	0.0010	P	5.1
5	☐	125.000	133.125	24094.67	0.0021	P	2.7
6	☐	250.000	258.227	46032.32	0.0040	P	2.3
7	☐	500.000	503.344	88171.18	0.0077	P	1.1
8	☐	1000.000	995.039	173898.14	0.0150	P	0.8
9	☐			1752.98	0.0002	P	7.4

$$y = 1.4877\text{E-}005 * x + 1.6579\text{E-}004$$

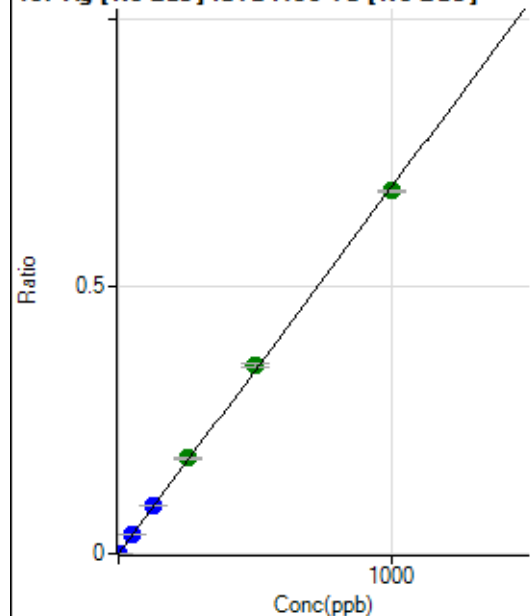
$$R = 0.9999$$

$$DL = 1.035$$

$$BEC = 11.14$$

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	108.34	0.0000	P	39.3
2	☐	0.100					
3	☐	1.000	1.066	8300.18	0.0007	P	0.7
4	☐	50.000	53.609	406588.75	0.0368	P	1.5
5	☐	125.000	133.198	1025799.87	0.0914	P	0.8
6	☐	250.000	260.113	2049919.36	0.1784	A	1.6
7	☐	500.000	512.933	4053358.94	0.3519	A	1.7
8	☐	1000.000	989.800	7888413.02	0.6790	A	0.8
9	☐			852.85	0.0001	P	5.0

$$y = 6.8601\text{E-}004 * x + 9.9550\text{E-}006$$

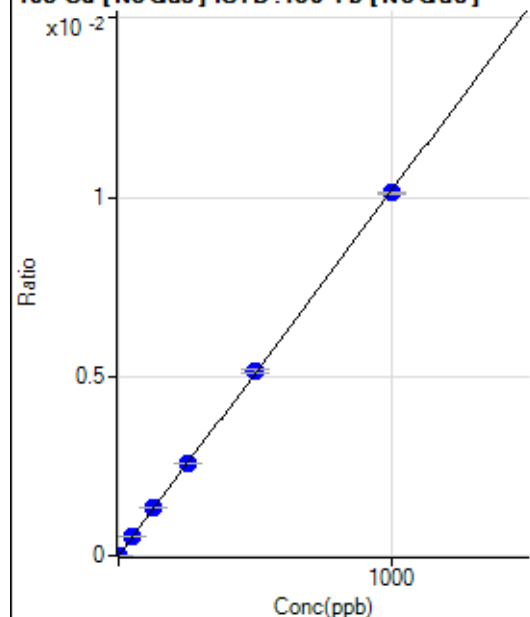
$$R = 0.9998$$

$$DL = 0.0171$$

$$BEC = 0.01451$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.6
2	☐	0.100					
3	☐	1.000	1.134	133.33	0.0000	P	24.1
4	☐	50.000	53.570	6027.87	0.0005	P	5.0
5	☐	125.000	131.585	15034.99	0.0013	P	1.5
6	☐	250.000	252.369	29507.58	0.0026	P	1.1
7	☐	500.000	507.972	59546.29	0.0052	P	2.0
8	☐	1000.000	994.420	117565.28	0.0101	P	0.8
9	☐			62.50	0.0000	P	30.5

$$y = 1.0176\text{E-}005 * x + 3.8218\text{E-}007$$

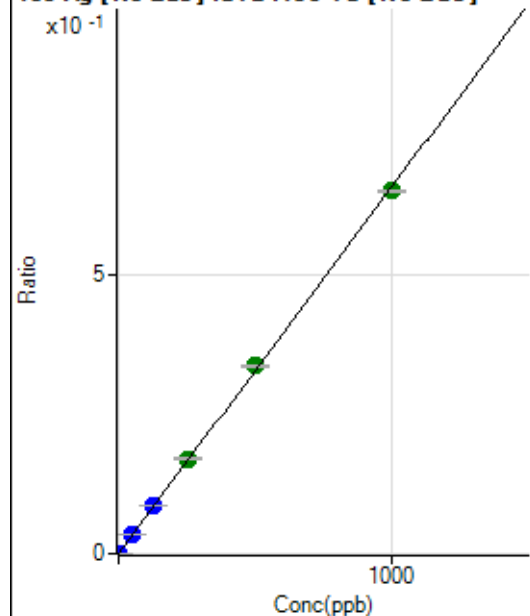
$$R = 0.9999$$

$$DL = 0.1134$$

$$BEC = 0.03756$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	87.2
2	☐	0.100					
3	☐	1.000	0.991	7338.45	0.0007	P	0.8
4	☐	50.000	53.247	387241.00	0.0350	P	1.3
5	☐	125.000	132.766	980516.90	0.0874	P	1.2
6	☐	250.000	258.290	1951991.97	0.1699	A	2.3
7	☐	500.000	512.919	3887334.03	0.3375	A	0.9
8	☐	1000.000	990.335	7569328.99	0.6516	A	0.8
9	☐			816.73	0.0001	P	7.9

$$y = 6.5791\text{E-}004 * x + 3.2989\text{E-}006$$

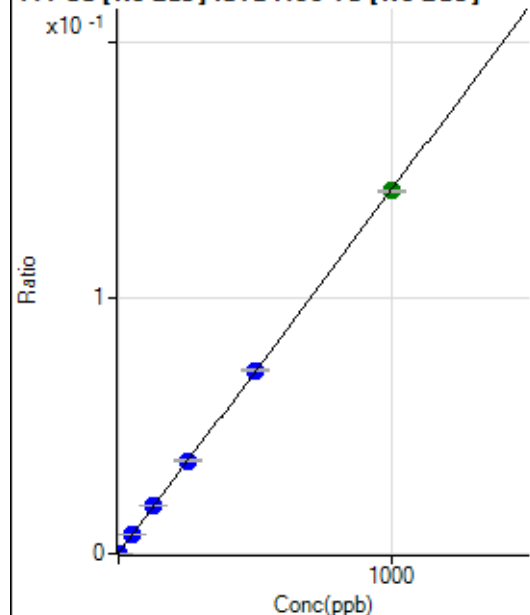
$$R = 0.9998$$

$$DL = 0.01311$$

$$BEC = 0.005014$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1272.79	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	1.025	2946.41	0.0003	P	3.2
4	☐	50.000	52.517	83769.78	0.0076	P	0.7
5	☐	125.000	131.823	211539.19	0.0188	P	0.7
6	☐	250.000	254.607	416857.51	0.0363	P	1.7
7	☐	500.000	502.363	823477.72	0.0715	P	1.2
8	☐	1000.000	996.688	1646346.51	0.1417	A	0.8
9	☐			1583.35	0.0001	P	4.8

$$y = 1.4207\text{E-}004 * x + 1.1758\text{E-}004$$

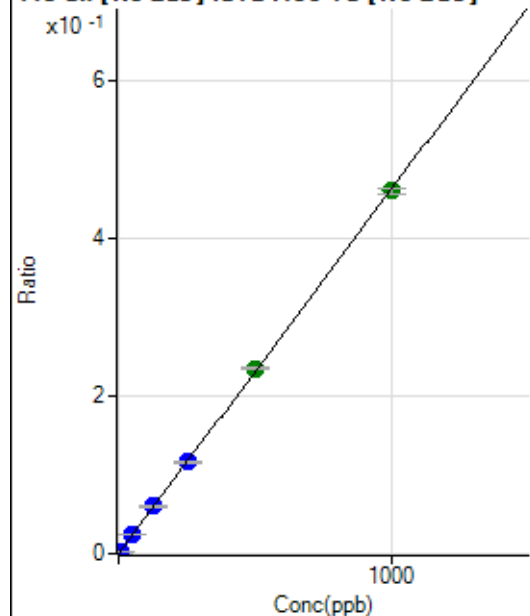
$$R = 1.0000$$

$$DL = 0.08268$$

$$BEC = 0.8276$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1211.23	0.0001	P	13.7
2	☐	0.500					
3	☐	5.000	4.951	26905.78	0.0024	P	1.7
4	☐	50.000	51.360	263979.82	0.0239	P	1.9
5	☐	125.000	129.667	674935.49	0.0601	P	1.3
6	☐	250.000	250.867	1335077.28	0.1162	P	2.0
7	☐	500.000	507.883	2709132.79	0.2352	A	1.4
8	☐	1000.000	995.190	5352310.36	0.4607	A	1.7
9	☐			26869.43	0.0024	P	2.7

$$y = 4.6285\text{E-}004 * x + 1.1203\text{E-}004$$

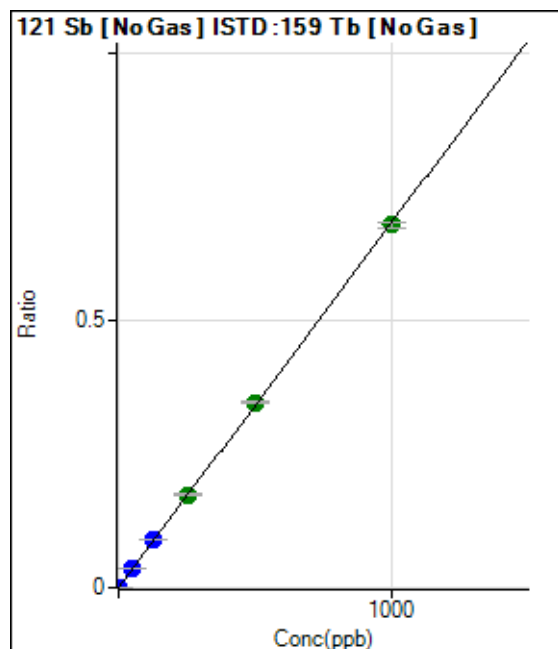
$$R = 0.9999$$

$$DL = 0.09954$$

$$BEC = 0.242$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	11.8
2	☐	0.200					
3	☐	2.000	1.930	14964.55	0.0013	P	2.6
4	☐	50.000	51.111	385400.85	0.0349	P	1.0
5	☐	125.000	129.806	993673.36	0.0885	P	0.5
6	☐	250.000	254.106	1990451.83	0.1733	A	1.5
7	☐	500.000	508.048	3990532.25	0.3464	A	0.6
8	☐	1000.000	994.293	7875400.79	0.6779	A	1.6
9	☐			20772.72	0.0019	P	4.5

$$y = 6.8179\text{E-}004 * x + 2.0812\text{E-}005$$

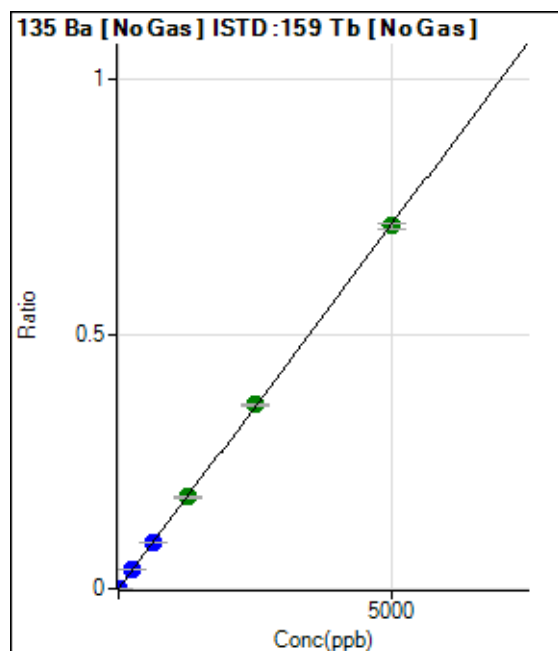
$$R = 0.9999$$

$$DL = 0.01082$$

$$BEC = 0.03053$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	71.5
2	☐	1.000					
3	☐	10.000	9.839	15790.61	0.0014	P	3.4
4	☐	250.000	258.543	408809.59	0.0370	P	1.6
5	☐	625.000	645.649	1036804.30	0.0924	P	0.2
6	☐	1250.000	1263.605	2076337.59	0.1808	A	2.4
7	☐	2500.000	2525.365	4161472.32	0.3613	A	0.8
8	☐	5000.000	4980.908	8277281.61	0.7125	A	1.5
9	☐			1525.16	0.0001	P	4.1

$$y = 1.4305\text{E-}004 * x + 3.3470\text{E-}006$$

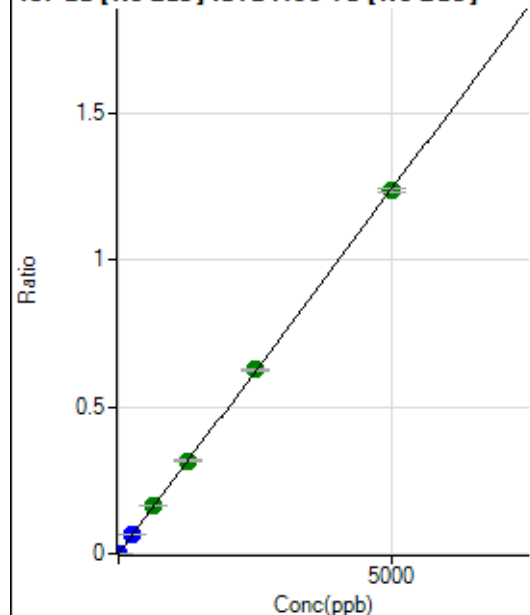
$$R = 1.0000$$

$$DL = 0.05021$$

$$BEC = 0.0234$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	18.9
2	☐	1.000					
3	☐	10.000	10.028	27899.87	0.0025	P	2.3
4	☐	250.000	260.680	714528.67	0.0646	P	1.8
5	☐	625.000	661.326	1840953.21	0.1640	A	0.9
6	☐	1250.000	1273.429	3627449.00	0.3158	A	2.1
7	☐	2500.000	2521.734	7203192.35	0.6253	A	1.9
8	☐	5000.000	4978.201	14341336.08	1.2345	A	1.2
9	☐			2589.26	0.0002	P	6.7

$$y = 2.4798E-004 * x + 5.8911E-006$$

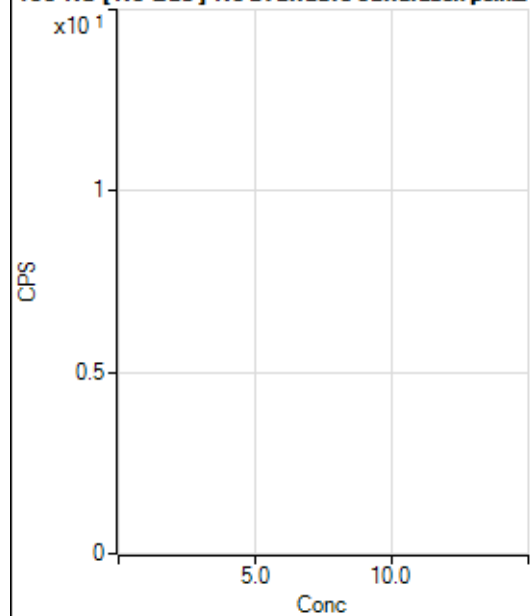
$$R = 1.0000$$

$$DL = 0.01346$$

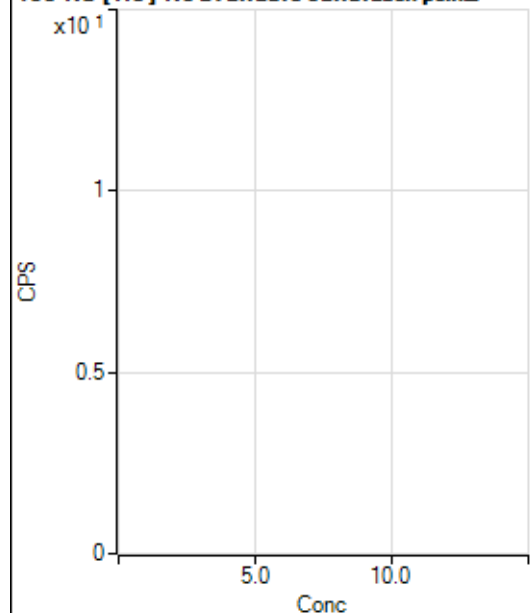
$$BEC = 0.02376$$

Weight: <None>

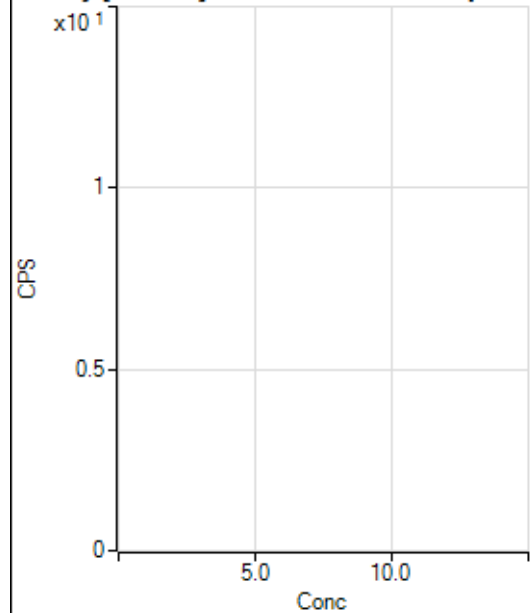
Min Conc: 0

150 Nd [No Gas] No available calibration points

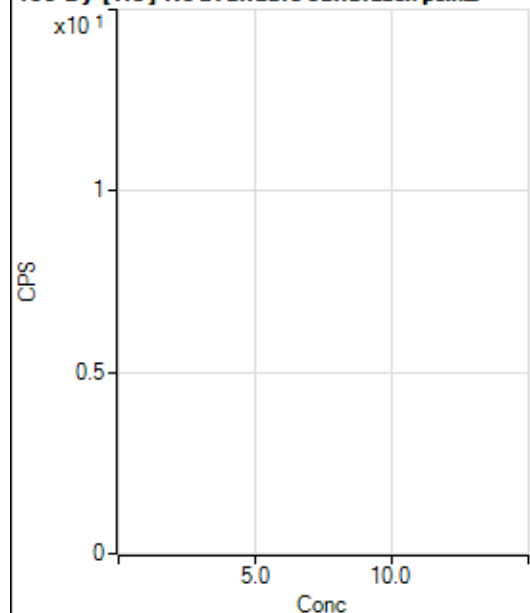
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.2
4	☐			17.78		P	21.7
5	☐			48.89		P	31.5
6	☐			86.67		P	7.7
7	☐			200.01		P	21.9
8	☐			362.24		P	18.2
9	☐			86.67		P	15.4

150 Nd [He] No available calibration points

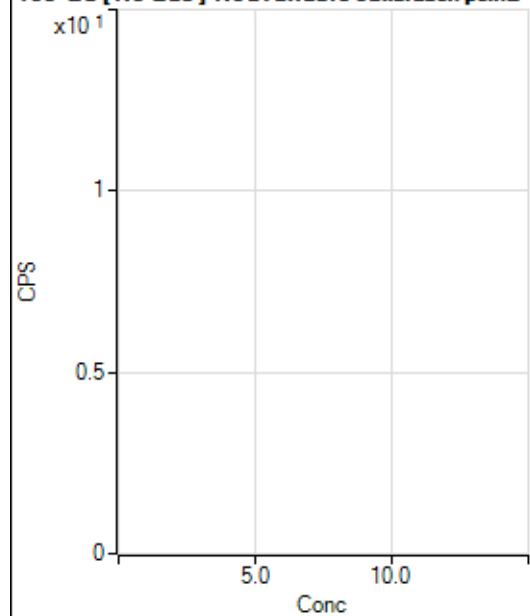
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			5.55		P	124.9
6	☐			2.22		P	86.6
7	☐			4.44		P	43.4
8	☐			7.78		P	89.2
9	☐			15.55		P	44.6

156 Dy [No Gas] No available calibration points

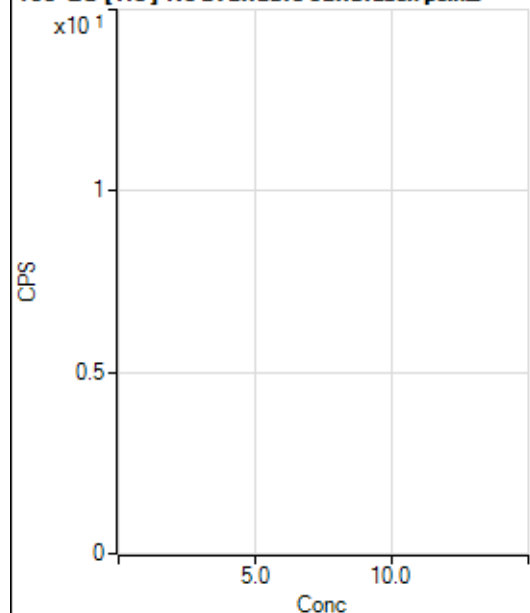
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	173.2
2	☐						
3	☐			13.89		P	69.3
4	☐			11.11		P	43.3
5	☐			27.78		P	45.8
6	☐			36.11		P	26.7
7	☐			63.89		P	45.8
8	☐			119.45		P	34.4
9	☐			91.67		P	41.7

156 Dy [He] No available calibration points

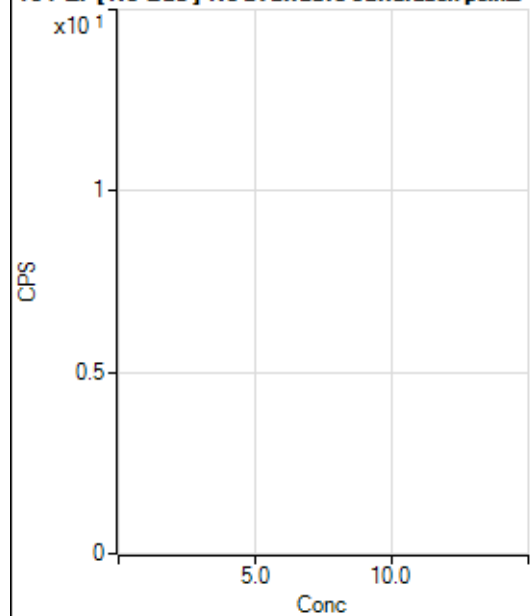
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			1.11		P	173.2
6	☐			7.78		P	24.7
7	☐			6.67		P	0.0
8	☐			3.33		P	100.1
9	☐			11.11		P	75.5

160 Gd [No Gas] Noavailable calibration poin_

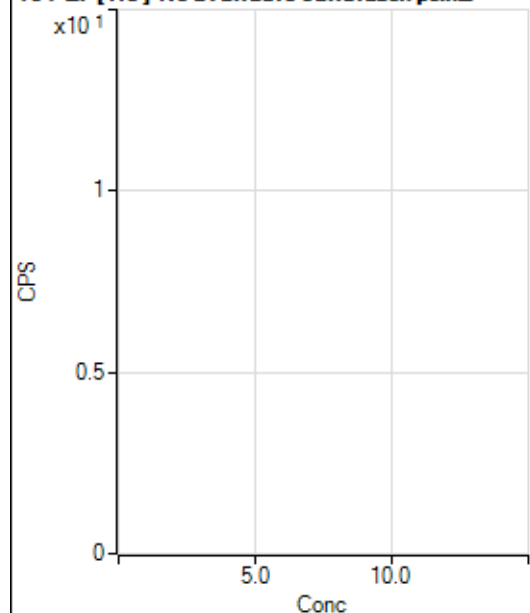
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	48.2
2	☐						
3	☐			61.11		P	41.7
4	☐			55.56		P	22.9
5	☐			66.67		P	33.1
6	☐			100.00		P	8.3
7	☐			41.67		P	87.2
8	☐			94.45		P	43.5
9	☐			83.34		P	26.5

160 Gd [He] No available calibration points

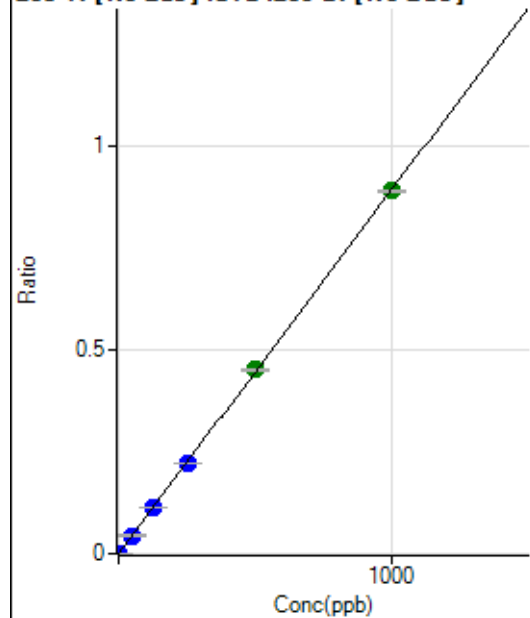
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	63.0
2	☐						
3	☐			6.67		P	50.0
4	☐			3.33		P	0.0
5	☐			5.56		P	91.6
6	☐			8.89		P	57.3
7	☐			5.56		P	91.6
8	☐			13.33		P	25.0
9	☐			17.78		P	47.2

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	☐			44.44		P	75.8
4	☐			33.33		P	86.6
5	☐			44.45		P	43.3
6	☐			36.11		P	53.3
7	☐			52.78		P	39.7
8	☐			41.67		P	40.0
9	☐			41.67		P	60.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			10.00		P	33.3
4	☐			6.67		P	50.0
5	☐			3.33		P	100.1
6	☐			5.55		P	69.3
7	☐			11.11		P	17.3
8	☐			3.33		P	173.2
9	☐			7.78		P	107.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.69	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	0.944	6421.37	0.0009	P	5.0
4	☐	50.000	50.170	318961.85	0.0448	P	0.8
5	☐	125.000	125.855	813257.44	0.1122	P	0.5
6	☐	250.000	247.795	1613378.94	0.2210	P	1.3
7	☐	500.000	505.757	3258868.26	0.4509	A	0.7
8	☐	1000.000	997.558	6423629.09	0.8894	A	0.5
9	☐			4156.44	0.0006	P	4.1

$$y = 8.9151E-004 * x + 4.5791E-005$$

$$R = 1.0000$$

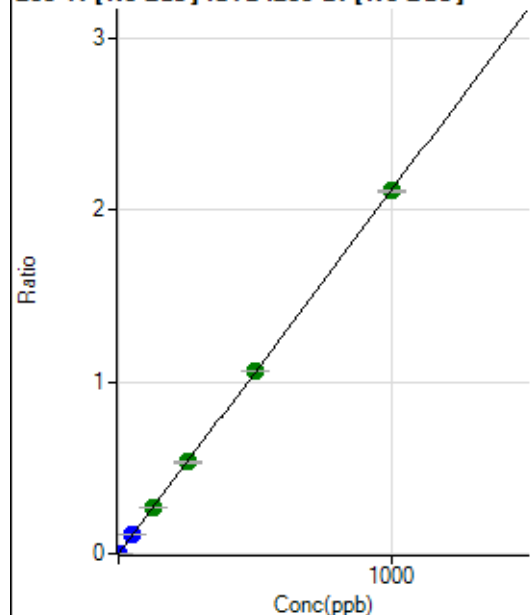
$$DL = 0.01965$$

$$BEC = 0.05136$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	697.27	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	0.967	15510.07	0.0021	P	1.0
4	☐	50.000	50.509	761060.25	0.1068	P	0.6
5	☐	125.000	128.322	1965326.63	0.2713	A	0.8
6	☐	250.000	252.020	3889190.28	0.5326	A	1.4
7	☐	500.000	501.655	7661762.32	1.0602	A	0.5
8	☐	1000.000	998.227	15235526.56	2.1095	A	0.7
9	☐			10029.45	0.0015	P	2.0

$$y = 0.0021 * x + 1.0075E-004$$

$$R = 1.0000$$

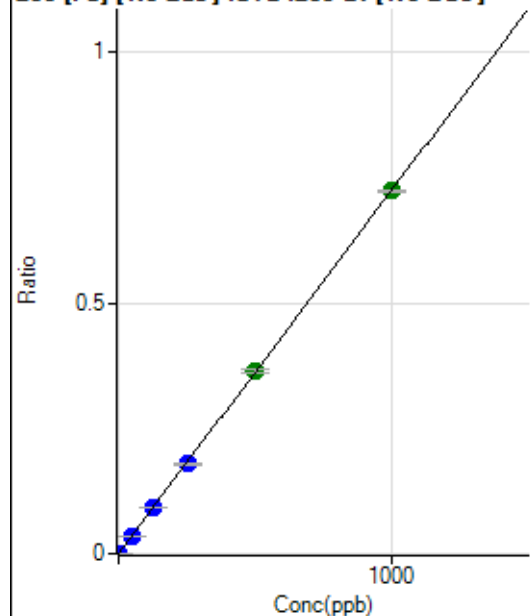
$$DL = 0.007093$$

$$BEC = 0.04768$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.91	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.994	5619.92	0.0008	P	2.2
4	☐	50.000	50.062	258862.84	0.0363	P	0.5
5	☐	125.000	124.746	655385.22	0.0905	P	0.4
6	☐	250.000	246.348	1303899.62	0.1786	P	1.6
7	☐	500.000	503.748	2638568.52	0.3651	A	1.4
8	☐	1000.000	999.068	5229532.00	0.7241	A	0.6
9	☐			32375.14	0.0049	P	2.5

$$y = 7.2468E-004 * x + 5.6192E-005$$

$$R = 1.0000$$

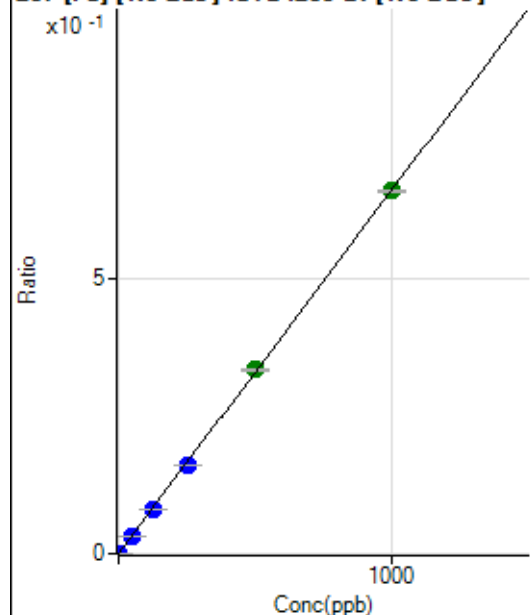
$$DL = 0.01812$$

$$BEC = 0.07754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	359.28	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.941	4886.30	0.0007	P	4.4
4	☐	50.000	49.845	235671.23	0.0331	P	0.5
5	☐	125.000	123.574	593657.91	0.0819	P	0.2
6	☐	250.000	243.220	1177154.80	0.1612	P	1.7
7	☐	500.000	506.156	2424255.21	0.3355	A	1.3
8	☐	1000.000	998.803	4780625.16	0.6619	A	0.3
9	☐			27079.40	0.0041	P	3.7

$$y = 6.6265E-004 * x + 5.1809E-005$$

$$R = 0.9999$$

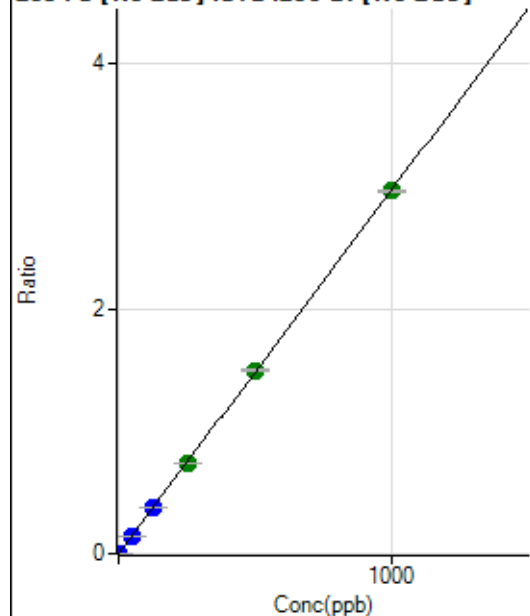
$$DL = 0.0346$$

$$BEC = 0.07819$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1611.21	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	0.969	22486.27	0.0031	P	1.1
4	☐	50.000	49.900	1056138.63	0.1482	P	0.4
5	☐	125.000	124.588	2679240.94	0.3698	P	0.1
6	☐	250.000	248.983	5394157.99	0.7388	A	1.7
7	☐	500.000	504.532	10817067.38	1.4968	A	1.1
8	☐	1000.000	998.045	21383377.10	2.9607	A	0.8
9	☐			126492.34	0.0192	P	2.5

$$y = 0.0030 * x + 2.3262E-004$$

$$R = 1.0000$$

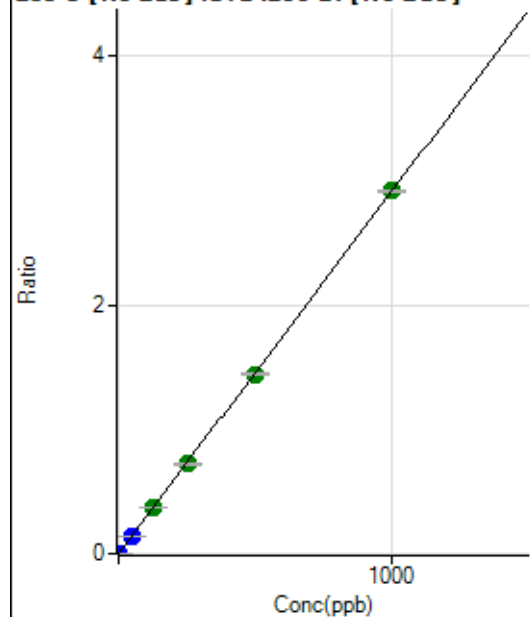
$$DL = 0.01117$$

$$BEC = 0.07842$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0000	P	20.5
2	☐	0.100					
3	☐	1.000	0.951	20208.93	0.0028	P	3.4
4	☐	50.000	49.480	1025706.37	0.1440	P	0.6
5	☐	125.000	126.626	2669272.44	0.3684	A	0.9
6	☐	250.000	247.462	5257359.88	0.7200	A	0.8
7	☐	500.000	496.312	10435349.19	1.4439	A	0.6
8	☐	1000.000	1002.301	21061071.31	2.9160	A	0.2
9	☐			2164.19	0.0003	P	15.0

$$y = 0.0029 * x + 2.6902E-005$$

$$R = 1.0000$$

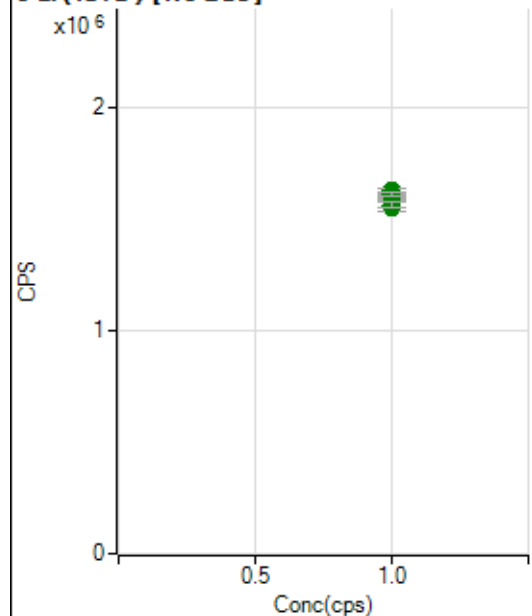
$$DL = 0.0057$$

$$BEC = 0.009247$$

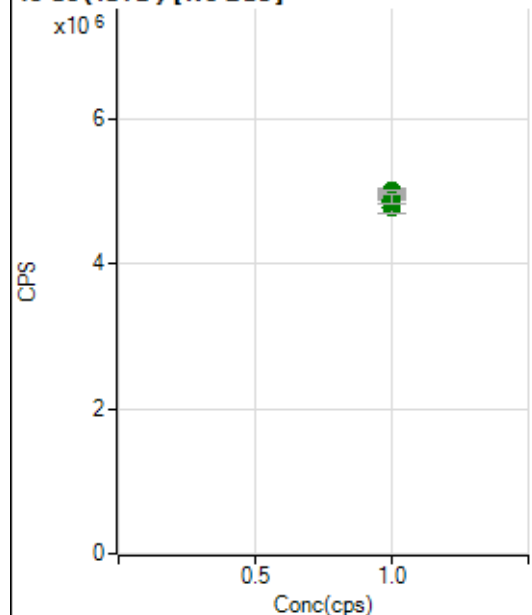
Weight: <None>

Min Conc: 0

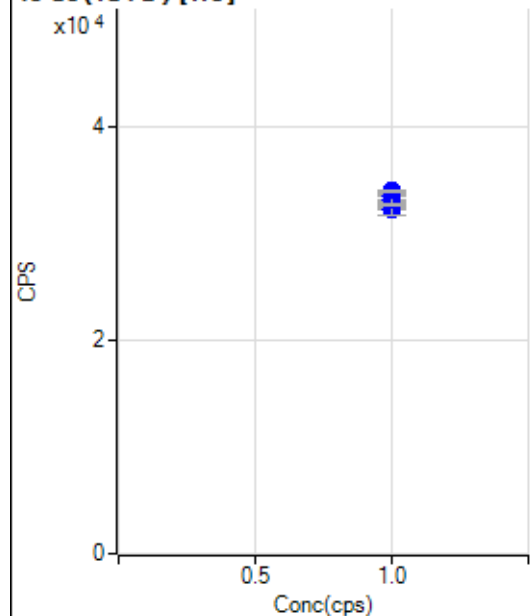
6 Li (ISTD) [No Gas]



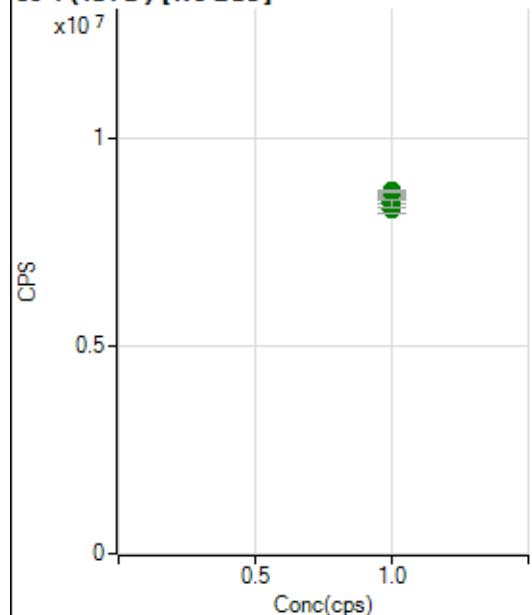
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1556845.58		A	2.2
2	☐	1.000					
3	☐	1.000		1598244.06		A	0.5
4	☐	1.000		1582139.87		A	0.4
5	☐	1.000		1600064.84		A	0.7
6	☐	1.000		1627348.55		A	1.8
7	☐	1.000		1605115.36		A	1.7
8	☐	1.000		1610989.47		A	0.8
9	☐	1.000		1563038.15		A	1.8

45 Sc (ISTD) [No Gas]

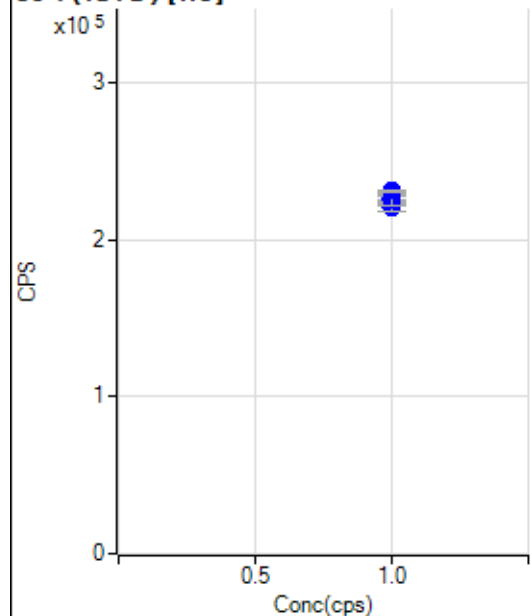
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4764540.69		A	2.5
2	☐	1.000					
3	☐	1.000		4919432.05		A	0.5
4	☐	1.000		4863236.31		A	1.3
5	☐	1.000		4920829.97		A	0.8
6	☐	1.000		4996164.70		A	2.3
7	☐	1.000		4994923.20		A	1.5
8	☐	1.000		5007160.61		A	0.5
9	☐	1.000		4888992.34		A	2.9

45 Sc (ISTD) [He]

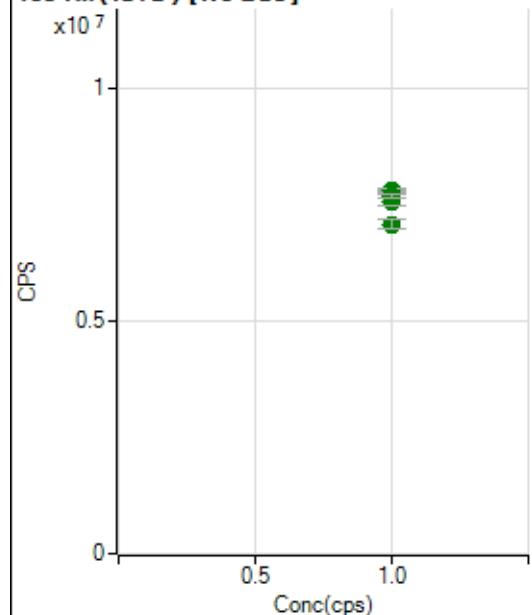
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		32877.53		P	1.7
2	☐	1.000					
3	☐	1.000		33201.61		P	1.2
4	☐	1.000		32795.08		P	2.2
5	☐	1.000		32579.16		P	2.6
6	☐	1.000		32286.21		P	3.7
7	☐	1.000		33088.13		P	3.6
8	☐	1.000		33443.33		P	3.8
9	☐	1.000		33960.02		P	0.9

89 Y (ISTD) [No Gas]

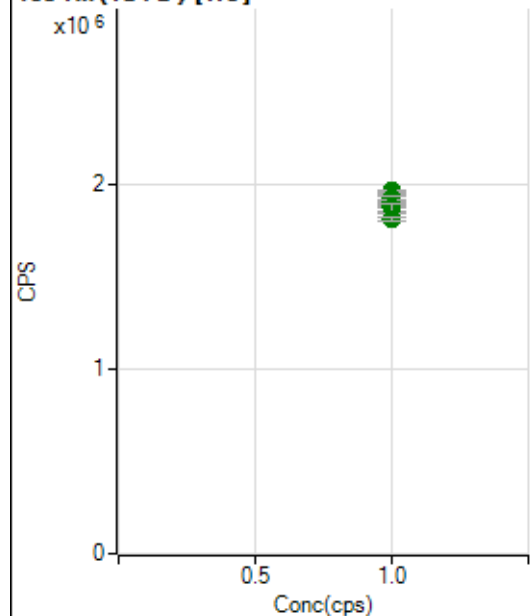
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8269979.60		A	1.6
2	☐	1.000					
3	☐	1.000		8564043.83		A	1.7
4	☐	1.000		8455438.48		A	1.0
5	☐	1.000		8558074.73		A	0.4
6	☐	1.000		8727308.27		A	0.7
7	☐	1.000		8685163.48		A	1.4
8	☐	1.000		8713632.16		A	0.9
9	☐	1.000		8410370.99		A	2.5

89 Y (ISTD) [He]

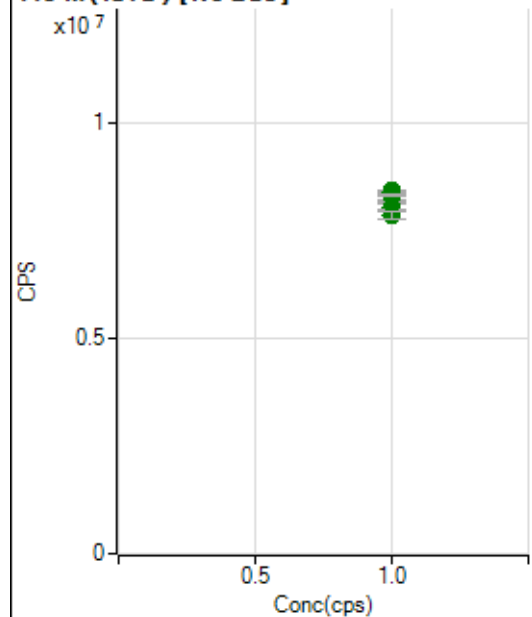
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		224254.67		P	0.8
2	☐	1.000					
3	☐	1.000		228035.11		P	0.3
4	☐	1.000		226705.76		P	1.1
5	☐	1.000		225527.97		P	2.7
6	☐	1.000		220697.44		P	2.8
7	☐	1.000		225447.07		P	3.1
8	☐	1.000		225598.65		P	3.5
9	☐	1.000		230835.82		P	0.8

103 Rh (ISTD) [No Gas]

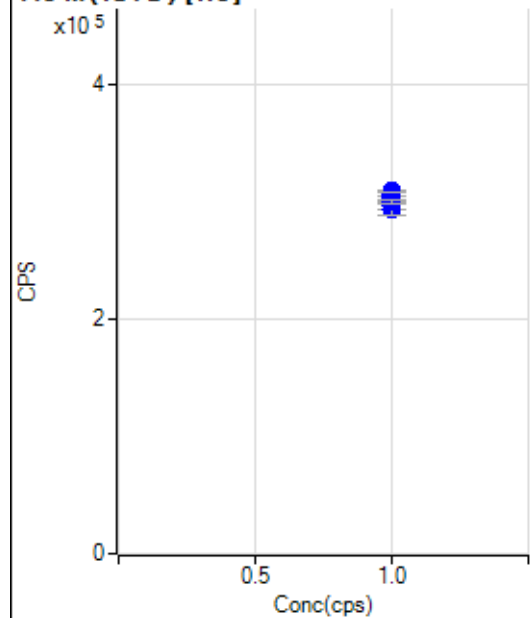
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7561112.58		A	2.0
2	☐	1.000					
3	☐	1.000		7771700.78		A	0.8
4	☐	1.000		7657792.27		A	1.1
5	☐	1.000		7749873.09		A	0.6
6	☐	1.000		7782987.33		A	1.5
7	☐	1.000		7664443.22		A	1.2
8	☐	1.000		7681618.40		A	1.0
9	☐	1.000		7073842.61		A	2.5

103 Rh (ISTD) [He]

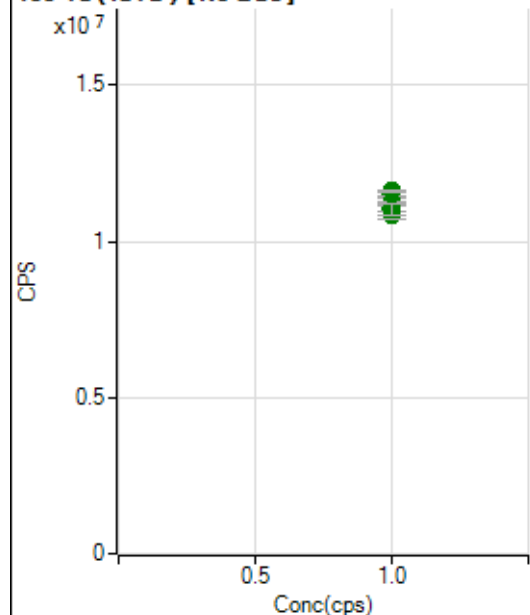
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1946143.48		A	0.9
2	☐	1.000					
3	☐	1.000		1969905.79		A	0.3
4	☐	1.000		1927155.68		A	1.2
5	☐	1.000		1911704.68		A	3.2
6	☐	1.000		1860094.99		A	3.1
7	☐	1.000		1889165.39		A	3.3
8	☐	1.000		1874641.22		A	3.1
9	☐	1.000		1816636.12		A	1.4

115 In (ISTD) [No Gas]

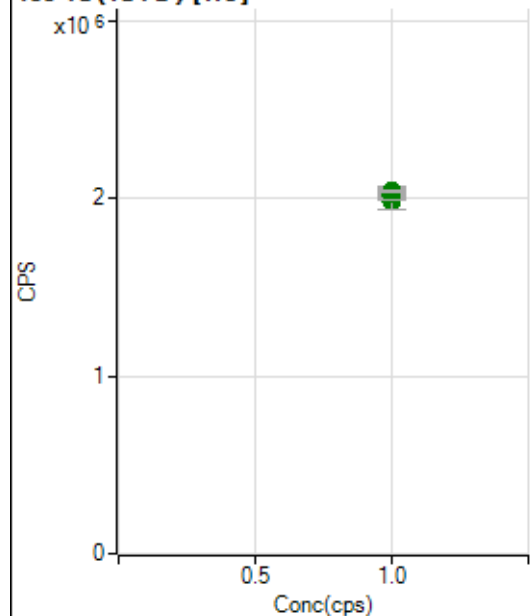
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8064318.77		A	1.8
2	☐	1.000					
3	☐	1.000		8355267.23		A	1.1
4	☐	1.000		8207332.48		A	0.3
5	☐	1.000		8339352.28		A	0.4
6	☐	1.000		8438291.13		A	0.7
7	☐	1.000		8425104.71		A	1.1
8	☐	1.000		8341469.52		A	0.2
9	☐	1.000		7875102.57		A	2.1

115 In (ISTD) [He]

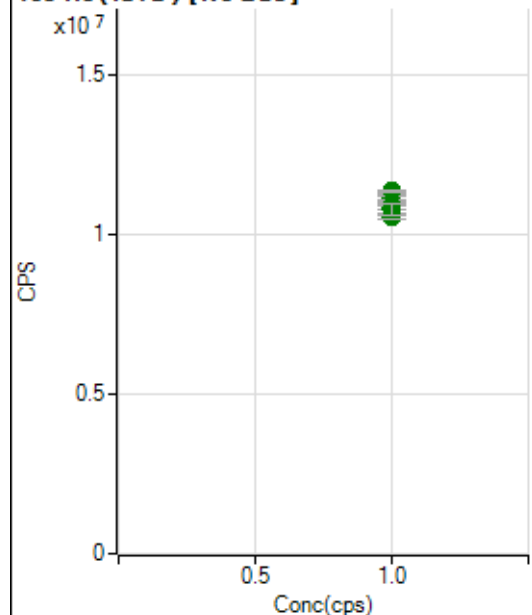
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		303715.41		P	1.0
2	☐	1.000					
3	☐	1.000		309434.93		P	0.5
4	☐	1.000		307273.78		P	1.1
5	☐	1.000		304850.86		P	2.6
6	☐	1.000		297005.60		P	2.8
7	☐	1.000		297634.22		P	3.0
8	☐	1.000		293960.40		P	3.8
9	☐	1.000		300217.21		P	1.2

159 Tb (ISTD) [No Gas]

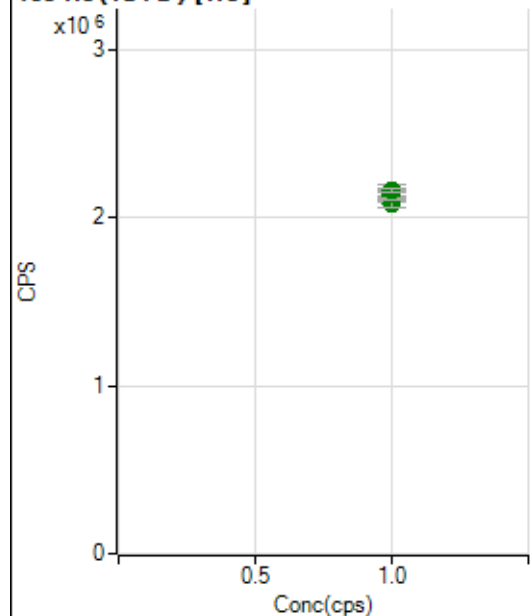
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10828490.26		A	2.0
2	☐	1.000					
3	☐	1.000		11194150.25		A	0.8
4	☐	1.000		11054204.28		A	1.4
5	☐	1.000		11225402.89		A	0.6
6	☐	1.000		11488863.30		A	1.2
7	☐	1.000		11520144.55		A	1.0
8	☐	1.000		11617836.91		A	0.8
9	☐	1.000		11009262.47		A	3.1

159 Tb (ISTD) [He]

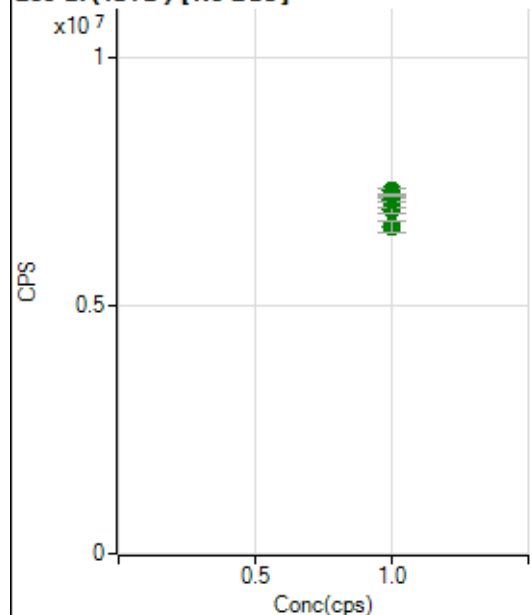
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2026162.54		A	1.5
2	☐	1.000					
3	☐	1.000		2037888.63		A	0.2
4	☐	1.000		2023489.86		A	0.6
5	☐	1.000		2010243.34		A	2.3
6	☐	1.000		1984156.95		A	4.2
7	☐	1.000		2030265.35		A	2.4
8	☐	1.000		2025955.07		A	3.8
9	☐	1.000		2042549.33		A	0.8

165 Ho (ISTD) [No Gas]

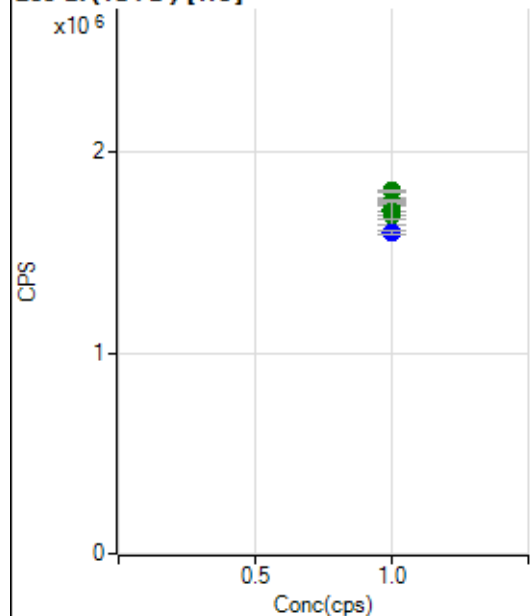
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10559147.55		A	1.5
2	☐	1.000					
3	☐	1.000		10911519.95		A	0.9
4	☐	1.000		10827344.25		A	1.4
5	☐	1.000		11034511.79		A	0.5
6	☐	1.000		11151769.78		A	0.9
7	☐	1.000		11222382.11		A	0.4
8	☐	1.000		11351512.49		A	0.4
9	☐	1.000		10742840.95		A	3.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2118090.07		A	1.2
2	☐	1.000					
3	☐	1.000		2123312.68		A	0.2
4	☐	1.000		2118680.40		A	1.0
5	☐	1.000		2125648.08		A	2.7
6	☐	1.000		2087416.83		A	3.0
7	☐	1.000		2134357.71		A	2.9
8	☐	1.000		2159038.89		A	3.5
9	☐	1.000		2159100.14		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6924063.79		A	1.6
2	☐	1.000					
3	☐	1.000		7236492.67		A	0.5
4	☐	1.000		7124154.20		A	0.6
5	☐	1.000		7245265.79		A	0.2
6	☐	1.000		7302528.23		A	1.3
7	☐	1.000		7227110.24		A	0.6
8	☐	1.000		7222563.57		A	0.3
9	☐	1.000		6585584.76		A	3.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1739718.79		A	3.4
2	☐	1.000					
3	☐	1.000		1808349.16		A	0.8
4	☐	1.000		1756258.22		A	0.7
5	☐	1.000		1733835.89		A	3.0
6	☐	1.000		1686625.39		A	5.3
7	☐	1.000		1717557.82		A	3.0
8	☐	1.000		1709488.12		A	4.8
9	☐	1.000		1597833.99		P	1.4

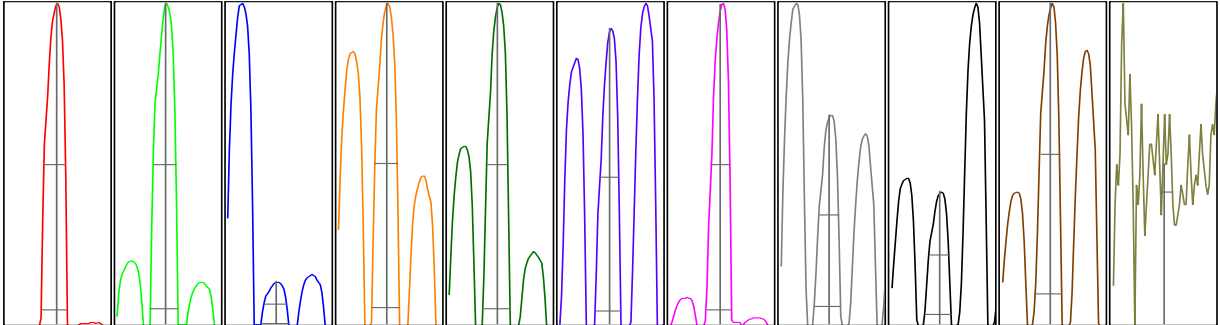
US EPA Tune Check Sample Report

Batch Folder D:\P808141 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6074	3.19	5.00	
24	298328	2.55	5.00	
25	40121	2.61	5.00	
26	46676	2.60	5.00	
59	59611	2.73	5.00	
113	8689	2.88	5.00	
115	108915	3.03	5.00	
206	26564	2.46	5.00	
207	24641	2.39	5.00	
208	58013	2.68	5.00	
220	1	18.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6110	6376	6071	5876	5938
24	301888	309254	297684	290106	292709
25	40736	41487	40062	38781	39537
26	47467	48290	46466	45256	45901
59	60910	61443	59706	57600	58396
113	8856	8983	8740	8389	8480
115	111950	111719	110003	104669	106236
206	26975	27256	26632	25550	26408
207	24848	25312	24762	23708	24574
208	58894	59612	58332	55541	57687
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	10578	9.00	8.9 - 9.1		0.740	0.900	
24	496819	23.95	23.9 - 24.1		0.785	0.900	
25	66947	24.95	24.9 - 25.1		0.785	0.900	
26	78606	25.95	25.9 - 26.1		0.784	0.900	
59	105056	58.95	58.9 - 59.1		0.776	0.900	
113	16493	113.00	112.9 - 113.1		0.730	0.900	
115	204428	115.00	114.9 - 115.1		0.729	0.900	
206	48767	205.95	205.9 - 206.1		0.751	0.900	
207	44329	206.95	206.9 - 207.1		0.753	0.900	
208	106532	207.95	207.9 - 208.1		0.753	0.900	
220	1	220.05	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	13.6	V
Extract 2	-215.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	6848	1.20	
89	5271	1.07	
205	11282	1.62	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6926	6898	6737	6892	6784
89	5322	5298	5175	5284	5279
205	11473	11417	11004	11280	11235

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	2.0	V
Extract 2	-215.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.18	-0.31	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.03	0.02	0.00	N/A	ppb
Barium	135-1	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.27	0.04	0.24	0.00	N/A	ppb
Boron	11-1	0.15	-0.29	0.14	0.00	N/A	ppb
Cadmium	111-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.16	0.24	-0.40	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	2.08	4.40	-6.49	0.00	N/A	ppb
Calcium	44-1	1.03	-0.14	-0.89	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.03	0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Copper	63-2	0.00	-0.06	0.06	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	0.03	-0.08	0.00	N/A	ppb
Iron	57-2	0.69	1.30	-1.99	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.70	-0.60	-0.10	0.00	N/A	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.03	0.00	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.02	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	-0.06	0.00	N/A	ppb
Phosphorus	31-2	22.32	-31.37	-31.37	-13.47		ppb
Potassium	39-2	0.07	-6.13	6.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.41	4.81	-2.41	0.00	N/A	ppb
Selenium	78-2	0.76	-0.38	-0.38	0.00	N/A	ppb
Selenium	82-1	0.50	-1.11	0.61	0.00	N/A	ppb
Silicon	28-1	2.46	-0.29	-2.18	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.14	6.34	-5.20	0.00	N/A	ppb
Strontium	86-1	0.04	-0.04	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	431.34	256.13	-276.19	137.09	268.78	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.05	0.04	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	-0.06	0.06	0.00	N/A	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

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

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:14:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.81	20.54	20.51	18.29	21.20	ppb
Antimony	121-1	1.89	1.92	1.99	1.93	2.61	ppb
Arsenic	75-2	0.99	0.87	0.74	0.87	14.18	ppb
Barium	135-1	9.70	10.22	9.60	9.84	3.42	ppb
Barium	137-1	9.84	10.28	9.96	10.03	2.26	ppb
Beryllium	9-1	0.92	0.99	0.97	0.96	3.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	24.12	23.50	26.88	24.83	7.26	ppb
Boron	11-1	22.22	23.32	23.07	22.87	2.51	ppb
Cadmium	111-1	1.02	0.97	1.09	1.02	5.83	ppb
Cadmium	106-1	1.33	0.57	0.74	0.88	44.93	ppb
Cadmium	108-1	1.16	1.40	0.84	1.13	24.93	ppb
Calcium	43-1	467.06	465.24	486.14	472.81	2.45	ppb
Calcium	44-1	464.26	466.14	470.92	467.11	0.74	ppb
Chromium	52-2	1.90	1.98	2.18	2.02	7.27	ppb
Cobalt	59-2	0.92	1.12	0.94	0.99	10.95	ppb
Copper	63-2	2.01	1.94	2.04	2.00	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	53.14	52.78	55.36	53.76	2.60	ppb
Iron	57-2	53.06	52.26	50.71	52.01	2.30	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.98	0.99	2.36	ppb
Lead	207-1	0.90	0.94	0.99	0.94	4.72	ppb
Lead	208-1	0.96	0.96	0.98	0.97	1.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	483.38	493.40	499.50	492.09	1.65	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:14:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.16	1.09	0.88	1.05	13.73	ppb
Molybdenum	94-1	4.77	4.89	4.76	4.81	1.47	ppb
Molybdenum	95-1	4.82	5.04	4.96	4.94	2.24	ppb
Molybdenum	96-1	4.93	4.87	4.83	4.88	0.99	ppb
Molybdenum	97-1	4.61	4.92	4.94	4.82	3.84	ppb
Molybdenum	98-1	4.88	4.94	4.79	4.87	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	0.88	0.91	1.04	24.18	ppb
Phosphorus	31-2	-4.49	48.92	-4.02	13.47	227.91	ppb
Potassium	39-2	471.71	455.08	543.68	490.15	9.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	6.50	10.03	5.38	7.30	33.25	ppb
Selenium	82-1	4.92	5.39	4.26	4.85	11.73	ppb
Silicon	28-1	12.60	13.14	13.39	13.04	3.12	ppb
Silver	109-1	0.99	0.98	1.00	0.99	0.83	ppb
Silver	107-1	1.06	1.06	1.07	1.07	0.69	ppb
Sodium	23-2	484.16	482.85	503.49	490.17	2.36	ppb
Strontium	86-1	1.06	0.99	1.04	1.03	3.49	ppb
Strontium	88-1	1.02	1.02	1.02	1.02	0.12	ppb
Sulfur	34-1	-175.74	-175.82	-59.72	-137.09		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.00	0.92	0.91	0.94	5.26	ppb
Thallium	205-1	0.98	0.96	0.96	0.97	1.02	ppb
Tin	118-1	4.85	5.01	5.00	4.95	1.78	ppb
Titanium	47-1	5.16	5.13	4.82	5.03	3.76	ppb
Uranium	238-1	0.94	0.92	0.99	0.95	3.40	ppb
Vanadium	51-2	4.70	4.94	5.71	5.12	10.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	2.11	2.10	3.14	2.45	24.48	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:14:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	1.03	0.95	0.97	5.25	ppb
Zirconium	91-1	0.87	1.01	0.94	0.94	7.46	ppb

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 17:18:18 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1031.72	1022.88	976.50	1010.37	2.94	ppb
Antimony	121-1	51.72	50.84	50.77	51.11	1.03	ppb
Arsenic	75-2	50.60	51.29	52.42	51.44	1.79	ppb
Barium	135-1	263.36	256.76	255.51	258.54	1.63	ppb
Barium	137-1	265.46	260.75	255.83	260.68	1.85	ppb
Beryllium	9-1	51.40	51.32	50.79	51.17	0.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	48.29	48.82	48.97	48.69	0.74	ppb
Boron	11-1	48.18	49.31	49.65	49.04	1.57	ppb
Cadmium	111-1	52.98	52.26	52.31	52.52	0.76	ppb
Cadmium	106-1	56.83	55.64	50.52	54.33	6.17	ppb
Cadmium	108-1	55.62	54.53	50.56	53.57	4.97	ppb
Calcium	43-1	5019.91	5059.42	4771.98	4950.44	3.15	ppb
Calcium	44-1	5130.16	5033.23	4970.90	5044.76	1.59	ppb
Chromium	52-2	51.74	50.66	49.98	50.79	1.75	ppb
Cobalt	59-2	53.30	51.73	50.66	51.90	2.56	ppb
Copper	63-2	106.60	103.06	102.36	104.01	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2757.33	2637.35	2626.17	2673.62	2.72	ppb
Iron	57-2	2690.98	2643.26	2586.83	2640.36	1.97	ppb
Krypton	83-1						cps
Lead	206-1	49.85	50.02	50.32	50.06	0.48	ppb
Lead	207-1	50.08	49.88	49.58	49.84	0.50	ppb
Lead	208-1	50.09	49.87	49.74	49.90	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	5385.96	5144.15	5164.02	5231.38	2.57	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:18:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.71	104.15	100.42	103.09	2.26	ppb
Molybdenum	94-1	255.86	253.27	254.62	254.58	0.51	ppb
Molybdenum	95-1	255.38	252.65	254.96	254.33	0.58	ppb
Molybdenum	96-1	257.40	253.00	253.79	254.73	0.92	ppb
Molybdenum	97-1	253.17	249.28	251.90	251.45	0.79	ppb
Molybdenum	98-1	257.41	252.37	256.13	255.30	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.64	52.60	51.17	52.47	2.36	ppb
Phosphorus	31-2	1005.76	1026.15	1205.57	1079.16	10.19	ppb
Potassium	39-2	2665.79	2567.23	2513.46	2582.16	2.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	11.76	68.06	62.43	47.42	65.39	ppb
Selenium	78-2	50.53	46.83	45.54	47.63	5.44	ppb
Selenium	82-1	54.24	51.99	52.79	53.01	2.16	ppb
Silicon	28-1	62.90	62.95	58.82	61.56	3.85	ppb
Silver	109-1	54.05	52.90	52.79	53.25	1.32	ppb
Silver	107-1	54.40	53.60	52.83	53.61	1.47	ppb
Sodium	23-2	5293.29	5232.74	5141.29	5222.44	1.47	ppb
Strontium	86-1	50.74	50.41	50.83	50.66	0.44	ppb
Strontium	88-1	52.42	51.52	51.83	51.92	0.89	ppb
Sulfur	34-1	1229.62	1159.61	810.14	1066.46	21.07	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	50.65	50.02	49.85	50.17	0.84	ppb
Thallium	205-1	50.78	50.54	50.21	50.51	0.56	ppb
Tin	118-1	52.16	51.63	50.29	51.36	1.87	ppb
Titanium	47-1	257.94	255.56	250.75	254.75	1.44	ppb
Uranium	238-1	49.83	49.33	49.28	49.48	0.61	ppb
Vanadium	51-2	52.11	50.33	50.79	51.07	1.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	104.70	104.30	105.10	104.70	0.38	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:18:18	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.03	50.87	51.30	51.06	0.43	ppb
Zirconium	91-1	49.31	49.28	50.32	49.64	1.19	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:22:03	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2448.46	2677.08	2567.09	2564.21	4.46	ppb
Antimony	121-1	129.61	129.32	130.49	129.81	0.47	ppb
Arsenic	75-2	126.59	132.60	129.55	129.58	2.32	ppb
Barium	135-1	646.74	644.53	645.68	645.65	0.17	ppb
Barium	137-1	666.97	654.87	662.13	661.33	0.92	ppb
Beryllium	9-1	128.75	127.39	128.29	128.14	0.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	127.50	125.72	125.37	126.19	0.90	ppb
Boron	11-1	124.01	123.68	124.62	124.10	0.39	ppb
Cadmium	111-1	131.66	130.94	132.87	131.82	0.74	ppb
Cadmium	106-1	131.79	137.55	130.04	133.13	2.95	ppb
Cadmium	108-1	129.30	132.36	133.10	131.58	1.53	ppb
Calcium	43-1	12628.47	12645.09	12704.84	12659.47	0.32	ppb
Calcium	44-1	12682.09	12519.67	12703.25	12635.00	0.79	ppb
Chromium	52-2	125.30	132.76	130.45	129.50	2.95	ppb
Cobalt	59-2	129.52	134.81	132.38	132.24	2.00	ppb
Copper	63-2	255.94	270.71	266.76	264.47	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6727.25	7060.44	6998.64	6928.78	2.56	ppb
Iron	57-2	6498.55	6867.74	6682.66	6682.99	2.76	ppb
Krypton	83-1						cps
Lead	206-1	124.92	125.11	124.21	124.75	0.38	ppb
Lead	207-1	123.41	123.87	123.45	123.57	0.21	ppb
Lead	208-1	124.48	124.58	124.71	124.59	0.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	12985.04	13786.19	13248.08	13339.77	3.06	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:22:03	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.37	269.46	265.06	263.63	2.53	ppb
Molybdenum	94-1	646.98	640.08	650.14	645.74	0.80	ppb
Molybdenum	95-1	651.05	640.57	659.17	650.27	1.43	ppb
Molybdenum	96-1	645.34	645.96	653.75	648.35	0.72	ppb
Molybdenum	97-1	629.62	632.67	640.27	634.18	0.87	ppb
Molybdenum	98-1	646.22	648.07	641.52	645.27	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.33	135.04	133.26	133.21	1.39	ppb
Phosphorus	31-2	2511.54	2726.86	2570.39	2602.93	4.28	ppb
Potassium	39-2	6299.33	6716.56	6490.69	6502.19	3.21	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	144.88	122.96	54.12	107.32	44.13	ppb
Selenium	78-2	141.76	140.68	116.24	132.89	10.86	ppb
Selenium	82-1	128.85	128.08	129.50	128.81	0.55	ppb
Silicon	28-1	156.32	154.56	160.25	157.04	1.86	ppb
Silver	109-1	131.42	132.36	134.52	132.77	1.20	ppb
Silver	107-1	133.15	132.13	134.32	133.20	0.82	ppb
Sodium	23-2	12991.01	13635.60	13389.31	13338.64	2.44	ppb
Strontium	86-1	126.67	126.56	128.03	127.09	0.64	ppb
Strontium	88-1	130.70	129.37	131.85	130.64	0.95	ppb
Sulfur	34-1	2245.52	2267.36	2487.86	2333.58	5.74	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	125.29	126.55	125.73	125.86	0.51	ppb
Thallium	205-1	127.78	129.46	127.73	128.32	0.77	ppb
Tin	118-1	128.89	128.55	131.56	129.67	1.27	ppb
Titanium	47-1	637.70	635.87	638.68	637.41	0.22	ppb
Uranium	238-1	126.07	127.91	125.89	126.63	0.88	ppb
Vanadium	51-2	126.79	134.86	131.89	131.18	3.11	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	257.09	270.15	269.79	265.68	2.80	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:22:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.26	127.61	129.35	128.07	0.88	ppb
Zirconium	91-1	125.81	124.13	128.23	126.06	1.64	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5224.51	5335.04	4927.94	5162.50	4.08	ppb
Antimony	121-1	252.74	251.27	258.31	254.11	1.46	ppb
Arsenic	75-2	261.05	261.19	249.41	257.22	2.63	ppb
Barium	135-1	1232.09	1265.88	1292.85	1263.61	2.41	ppb
Barium	137-1	1248.66	1269.70	1301.93	1273.43	2.11	ppb
Beryllium	9-1	246.07	247.01	252.61	248.57	1.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	233.65	243.58	256.51	244.58	4.69	ppb
Boron	11-1	232.67	242.87	253.36	242.96	4.26	ppb
Cadmium	111-1	250.86	253.56	259.40	254.61	1.72	ppb
Cadmium	106-1	256.38	253.30	265.00	258.23	2.35	ppb
Cadmium	108-1	252.53	249.54	255.04	252.37	1.09	ppb
Calcium	43-1	24393.50	24086.16	25001.82	24493.83	1.90	ppb
Calcium	44-1	23973.58	23633.16	24692.30	24099.68	2.24	ppb
Chromium	52-2	262.73	265.31	248.82	258.95	3.43	ppb
Cobalt	59-2	265.36	269.95	250.56	261.96	3.87	ppb
Copper	63-2	529.31	543.10	499.54	523.99	4.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	13807.06	14068.20	13042.78	13639.35	3.91	ppb
Iron	57-2	13512.60	13818.94	12631.60	13321.05	4.63	ppb
Krypton	83-1						cps
Lead	206-1	244.01	244.11	250.93	246.35	1.61	ppb
Lead	207-1	239.61	242.47	247.58	243.22	1.66	ppb
Lead	208-1	245.18	248.07	253.70	248.98	1.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	26798.57	27098.46	25164.41	26353.81	3.95	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	532.05	539.75	496.45	522.75	4.42	ppb
Molybdenum	94-1	1248.53	1248.52	1258.70	1251.92	0.47	ppb
Molybdenum	95-1	1249.55	1254.39	1254.64	1252.86	0.23	ppb
Molybdenum	96-1	1236.63	1229.29	1259.53	1241.81	1.27	ppb
Molybdenum	97-1	1247.44	1248.69	1265.30	1253.81	0.80	ppb
Molybdenum	98-1	1236.46	1240.65	1255.25	1244.12	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.56	268.69	249.58	260.94	3.85	ppb
Phosphorus	31-2	4716.88	5265.75	4339.78	4774.14	9.75	ppb
Potassium	39-2	13092.64	13167.76	12233.78	12831.40	4.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	264.89	264.76	216.98	248.88	11.10	ppb
Selenium	78-2	239.98	296.89	273.76	270.21	10.59	ppb
Selenium	82-1	251.33	248.47	253.81	251.20	1.06	ppb
Silicon	28-1	270.18	261.27	273.32	268.26	2.33	ppb
Silver	109-1	252.56	258.12	264.19	258.29	2.25	ppb
Silver	107-1	255.97	260.26	264.11	260.11	1.57	ppb
Sodium	23-2	27554.78	27939.23	25827.23	27107.08	4.15	ppb
Strontium	86-1	242.77	244.22	247.48	244.83	0.99	ppb
Strontium	88-1	250.58	248.75	253.75	251.03	1.01	ppb
Sulfur	34-1	4450.71	3978.79	5104.18	4511.23	12.53	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	246.43	245.60	251.36	247.79	1.26	ppb
Thallium	205-1	249.13	251.01	255.91	252.02	1.39	ppb
Tin	118-1	246.87	249.09	256.65	250.87	2.04	ppb
Titanium	47-1	1227.45	1229.58	1273.40	1243.48	2.09	ppb
Uranium	238-1	245.25	248.45	248.69	247.46	0.77	ppb
Vanadium	51-2	262.27	266.03	246.16	258.16	4.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	535.39	540.59	506.97	527.65	3.43	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.99	250.43	256.21	253.54	1.15	ppb
Zirconium	91-1	243.78	242.44	246.02	244.08	0.74	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9749.18	10555.66	9775.05	10026.63	4.57	ppb
Antimony	121-1	509.68	504.43	510.04	508.05	0.62	ppb
Arsenic	75-2	489.93	521.14	480.09	497.05	4.31	ppb
Barium	135-1	2509.09	2517.65	2549.36	2525.37	0.84	ppb
Barium	137-1	2489.25	2499.73	2576.22	2521.73	1.88	ppb
Beryllium	9-1	493.15	493.40	511.31	499.29	2.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	480.27	497.46	513.91	497.21	3.38	ppb
Boron	11-1	484.66	491.77	522.50	499.64	4.02	ppb
Cadmium	111-1	502.00	496.71	508.38	502.36	1.16	ppb
Cadmium	106-1	508.04	497.09	504.91	503.34	1.12	ppb
Cadmium	108-1	505.78	498.88	519.26	507.97	2.04	ppb
Calcium	43-1	48966.40	48186.93	49949.84	49034.39	1.80	ppb
Calcium	44-1	48590.21	48098.17	49082.73	48590.37	1.01	ppb
Chromium	52-2	509.59	541.77	507.20	519.52	3.72	ppb
Cobalt	59-2	497.97	532.49	500.36	510.28	3.78	ppb
Copper	63-2	991.75	1067.76	991.44	1016.98	4.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	25666.03	27529.21	25640.06	26278.43	4.12	ppb
Iron	57-2	25675.33	27042.71	25692.41	26136.81	3.00	ppb
Krypton	83-1						cps
Lead	206-1	499.31	500.33	511.60	503.75	1.35	ppb
Lead	207-1	506.59	499.17	512.71	506.16	1.34	ppb
Lead	208-1	501.83	500.91	510.85	504.53	1.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	51003.77	54569.90	50703.04	52092.24	4.13	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.59	1060.78	991.95	1015.44	3.87	ppb
Molybdenum	94-1	2482.09	2505.00	2520.86	2502.65	0.78	ppb
Molybdenum	95-1	2464.01	2484.26	2524.30	2490.86	1.23	ppb
Molybdenum	96-1	2503.17	2493.80	2548.51	2515.16	1.16	ppb
Molybdenum	97-1	2484.02	2512.85	2572.91	2523.26	1.80	ppb
Molybdenum	98-1	2473.51	2486.06	2535.41	2498.32	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.94	541.59	510.42	519.98	3.61	ppb
Phosphorus	31-2	9840.24	10427.24	10114.55	10127.34	2.90	ppb
Potassium	39-2	24656.90	25901.51	24698.00	25085.47	2.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	496.69	442.71	544.91	494.77	10.33	ppb
Selenium	78-2	484.53	533.24	528.37	515.38	5.21	ppb
Selenium	82-1	495.79	497.33	513.91	502.34	2.00	ppb
Silicon	28-1	517.16	513.24	540.26	523.55	2.79	ppb
Silver	109-1	508.88	511.89	517.98	512.92	0.90	ppb
Silver	107-1	512.74	504.44	521.62	512.93	1.67	ppb
Sodium	23-2	50921.28	54161.65	50885.60	51989.51	3.62	ppb
Strontium	86-1	489.42	491.27	500.25	493.65	1.17	ppb
Strontium	88-1	496.06	498.19	509.85	501.37	1.48	ppb
Sulfur	34-1	9721.97	9249.90	10055.83	9675.90	4.19	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	502.25	505.35	509.66	505.76	0.74	ppb
Thallium	205-1	502.96	499.01	503.00	501.66	0.46	ppb
Tin	118-1	507.05	501.05	515.55	507.88	1.43	ppb
Titanium	47-1	2520.74	2475.92	2578.48	2525.04	2.04	ppb
Uranium	238-1	493.52	496.25	499.17	496.31	0.57	ppb
Vanadium	51-2	495.23	525.92	493.48	504.87	3.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1008.91	1082.44	997.38	1029.58	4.48	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.03	498.70	511.38	503.04	1.44	ppb
Zirconium	91-1	491.60	493.77	502.17	495.84	1.13	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20628.77	19361.42	18779.49	19589.89	4.83	ppb
Antimony	121-1	1012.10	987.99	982.79	994.29	1.57	ppb
Arsenic	75-2	1038.99	987.60	970.48	999.02	3.57	ppb
Barium	135-1	5057.35	4972.32	4913.06	4980.91	1.46	ppb
Barium	137-1	5042.69	4970.29	4921.62	4978.20	1.22	ppb
Beryllium	9-1	1007.68	1006.14	986.97	1000.26	1.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	987.48	1003.08	1017.45	1002.67	1.49	ppb
Boron	11-1	987.77	1009.84	1008.83	1002.15	1.24	ppb
Cadmium	111-1	1003.25	999.25	987.57	996.69	0.82	ppb
Cadmium	106-1	997.28	1001.49	986.35	995.04	0.79	ppb
Cadmium	108-1	1003.28	987.74	992.24	994.42	0.80	ppb
Calcium	43-1	99780.14	99051.54	99221.13	99350.94	0.38	ppb
Calcium	44-1	97153.85	97544.27	97465.97	97388.03	0.21	ppb
Chromium	52-2	1033.12	980.65	948.44	987.40	4.33	ppb
Cobalt	59-2	1029.94	988.82	953.86	990.87	3.84	ppb
Copper	63-2	2068.38	1977.79	1904.34	1983.50	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	53118.39	51377.39	49768.70	51421.49	3.26	ppb
Iron	57-2	52565.37	50562.49	48670.11	50599.33	3.85	ppb
Krypton	83-1						cps
Lead	206-1	992.97	1005.17	999.06	999.07	0.61	ppb
Lead	207-1	996.46	1001.62	998.33	998.80	0.26	ppb
Lead	208-1	992.83	1006.88	994.43	998.04	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	106166.79	101520.76	97791.53	101826.36	4.12	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2066.73	1982.24	1905.23	1984.73	4.07	ppb
Molybdenum	94-1	5001.60	4945.25	5039.27	4995.37	0.95	ppb
Molybdenum	95-1	5007.45	4962.56	5031.44	5000.48	0.70	ppb
Molybdenum	96-1	5002.96	4936.31	5034.66	4991.31	1.01	ppb
Molybdenum	97-1	5001.24	4946.90	5010.46	4986.20	0.69	ppb
Molybdenum	98-1	4996.99	4973.69	5027.85	4999.51	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1029.04	980.49	948.84	986.12	4.10	ppb
Phosphorus	31-2	20893.05	19980.38	19054.48	19975.97	4.60	ppb
Potassium	39-2	51553.17	49514.72	47396.71	49488.20	4.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1015.22	997.12	1003.48	1005.27	0.91	ppb
Selenium	78-2	1028.13	979.97	951.04	986.38	3.95	ppb
Selenium	82-1	1007.07	984.32	1002.32	997.90	1.20	ppb
Silicon	28-1	981.60	980.90	974.64	979.04	0.39	ppb
Silver	109-1	997.78	990.97	982.26	990.34	0.79	ppb
Silver	107-1	999.26	986.14	984.00	989.80	0.83	ppb
Sodium	23-2	105674.42	101399.90	96631.94	101235.42	4.47	ppb
Strontium	86-1	1013.47	992.87	1006.18	1004.18	1.04	ppb
Strontium	88-1	1005.32	993.02	996.43	998.26	0.64	ppb
Sulfur	34-1	20192.44	20365.80	20346.93	20301.72	0.47	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	991.90	998.27	1002.51	997.56	0.54	ppb
Thallium	205-1	990.93	1004.94	998.82	998.23	0.70	ppb
Tin	118-1	1013.95	989.45	982.17	995.19	1.67	ppb
Titanium	47-1	5010.84	4984.16	4966.96	4987.32	0.44	ppb
Uranium	238-1	999.68	1003.99	1003.24	1002.30	0.23	ppb
Vanadium	51-2	1035.39	992.45	956.25	994.70	3.98	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	2058.68	1967.80	1901.83	1976.10	3.99	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1005.10	984.47	1001.90	997.16	1.11	ppb
Zirconium	91-1	1005.78	990.59	1013.95	1003.44	1.18	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99796.92	101251.43	99160.23	100069.53	1.07	ppb
Antimony	121-1	2.83	2.59	2.79	2.74	4.57	ppb
Arsenic	75-2	1.64	1.72	1.84	1.73	5.60	ppb
Barium	135-1	0.99	0.91	0.94	0.94	4.22	ppb
Barium	137-1	0.99	0.87	0.92	0.92	6.86	ppb
Beryllium	9-1	0.61	0.61	0.68	0.64	6.19	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	50.70	46.68	44.68	47.35	6.48	ppb
Boron	11-1	52.66	47.93	45.13	48.57	7.84	ppb
Cadmium	111-1	0.22	0.20	0.13	0.18	26.15	ppb
Cadmium	106-1	0.42	-0.66	-1.13	-0.46		ppb
Cadmium	108-1	0.33	0.63	0.62	0.52	32.73	ppb
Calcium	43-1	488389.54	494212.04	518143.08	500248.22	3.15	ppb
Calcium	44-1	487826.13	493965.88	520321.74	500704.58	3.45	ppb
Chromium	52-2	38.37	39.78	38.39	38.85	2.09	ppb
Cobalt	59-2	11.65	12.00	11.68	11.77	1.68	ppb
Copper	63-2	4.30	4.48	4.45	4.41	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	249418.32	251442.54	247675.69	249512.18	0.76	ppb
Iron	57-2	251194.50	250118.26	247826.75	249713.17	0.69	ppb
Krypton	83-1						cps
Lead	206-1	6.61	6.61	6.90	6.71	2.50	ppb
Lead	207-1	5.89	6.15	6.35	6.13	3.76	ppb
Lead	208-1	6.27	6.34	6.59	6.40	2.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	500722.65	501970.50	495310.39	499334.51	0.71	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.38	9.61	8.92	9.30	3.78	ppb
Molybdenum	94-1	6.65	6.39	6.85	6.63	3.43	ppb
Molybdenum	95-1	8.62	8.41	9.20	8.75	4.66	ppb
Molybdenum	96-1	9.04	9.02	9.06	9.04	0.25	ppb
Molybdenum	97-1	8.88	8.68	9.03	8.86	1.97	ppb
Molybdenum	98-1	8.98	9.02	9.02	9.00	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.19	32.20	32.44	32.28	0.44	ppb
Phosphorus	31-2	-31.37	-31.37	73.21	3.49	1728.58	ppb
Potassium	39-2	252377.05	250383.79	247449.57	250070.14	0.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	0.74	0.72	0.70	0.72	2.68	ppb
Selenium	82-1	1.42	0.73	1.00	1.05	32.92	ppb
Silicon	28-1	96.91	104.14	115.59	105.55	8.92	ppb
Silver	109-1	0.11	0.10	0.11	0.11	8.23	ppb
Silver	107-1	0.09	0.10	0.10	0.10	5.72	ppb
Sodium	23-2	499568.92	502776.48	495930.90	499425.43	0.69	ppb
Strontium	86-1	4.90	5.01	5.20	5.04	3.09	ppb
Strontium	88-1	5.09	5.04	5.20	5.11	1.60	ppb
Sulfur	34-1	-1073.31	-783.83	23.93	-611.07		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.67	0.68	0.62	0.66	4.43	ppb
Thallium	205-1	0.68	0.66	0.68	0.67	2.15	ppb
Tin	118-1	4.99	4.92	5.19	5.03	2.82	ppb
Titanium	47-1	2.67	2.33	2.80	2.60	9.34	ppb
Uranium	238-1	0.12	0.11	0.09	0.10	16.38	ppb
Vanadium	51-2	0.38	0.34	0.39	0.37	6.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	15.03	16.34	15.00	15.45	4.95	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.24	0.22	0.23	6.29	ppb
Zirconium	91-1	0.24	0.24	0.21	0.23	9.26	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.77	516.19	491.26	505.41	2.53	ppb
Antimony	121-1	206.20	207.82	206.63	206.89	0.41	ppb
Arsenic	75-2	203.63	196.41	201.92	200.65	1.88	ppb
Barium	135-1	103.67	104.53	104.46	104.22	0.46	ppb
Barium	137-1	104.08	103.41	105.27	104.25	0.90	ppb
Beryllium	9-1	102.21	101.77	101.22	101.73	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	497.90	524.01	534.94	518.95	3.67	ppb
Boron	11-1	506.99	521.33	540.38	522.90	3.20	ppb
Cadmium	111-1	107.35	108.34	109.44	108.38	0.96	ppb
Cadmium	106-1	165.90	169.71	164.65	166.75	1.58	ppb
Cadmium	108-1	141.53	138.84	138.19	139.52	1.27	ppb
Calcium	43-1	2163.99	2180.99	2129.18	2158.05	1.22	ppb
Calcium	44-1	2065.35	2097.15	2078.06	2080.19	0.77	ppb
Chromium	52-2	95.30	98.97	96.54	96.94	1.93	ppb
Cobalt	59-2	97.70	101.88	99.80	99.79	2.10	ppb
Copper	63-2	98.45	101.96	100.59	100.33	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	1015.65	1045.09	1031.42	1030.72	1.43	ppb
Iron	57-2	969.85	1029.06	1035.66	1011.52	3.58	ppb
Krypton	83-1						cps
Lead	206-1	203.23	203.41	202.57	203.07	0.22	ppb
Lead	207-1	193.08	193.88	194.32	193.76	0.33	ppb
Lead	208-1	201.61	203.09	200.92	201.87	0.55	ppb
Lithium	6-1				106		%
Magnesium	24-2	1194.68	1218.03	1211.02	1207.91	0.99	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.75	96.17	95.32	95.75	0.45	ppb
Molybdenum	94-1	1125.99	1143.68	1142.01	1137.23	0.86	ppb
Molybdenum	95-1	568.58	565.08	561.94	565.20	0.59	ppb
Molybdenum	96-1	640.50	642.30	634.67	639.16	0.62	ppb
Molybdenum	97-1	549.30	548.04	543.29	546.88	0.58	ppb
Molybdenum	98-1	566.11	565.45	552.41	561.32	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.49	100.94	100.14	99.52	1.82	ppb
Phosphorus	31-2	-6.52	-5.60	-6.07	-6.06		ppb
Potassium	39-2	1976.22	2027.96	1977.06	1993.75	1.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	202.98	156.67	211.59	190.41	15.51	ppb
Selenium	78-2	213.32	200.81	204.94	206.36	3.09	ppb
Selenium	82-1	205.81	205.69	206.51	206.00	0.22	ppb
Silicon	28-1	6.69	8.55	8.09	7.78	12.46	ppb
Silver	109-1	96.64	96.24	97.69	96.86	0.78	ppb
Silver	107-1	97.07	96.88	98.34	97.43	0.81	ppb
Sodium	23-2	2077.85	2119.44	2134.33	2110.54	1.39	ppb
Strontium	86-1	483.31	485.84	478.40	482.52	0.78	ppb
Strontium	88-1	494.17	491.53	485.70	490.46	0.88	ppb
Sulfur	34-1	-564.46	-433.82	-632.60	-543.63		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	205.24	205.97	205.65	205.62	0.18	ppb
Thallium	205-1	212.49	212.24	211.10	211.94	0.35	ppb
Tin	118-1	502.86	501.02	498.66	500.85	0.42	ppb
Titanium	47-1	482.98	481.69	487.69	484.12	0.65	ppb
Uranium	238-1	468.96	464.32	465.80	466.36	0.51	ppb
Vanadium	51-2	95.71	98.05	96.69	96.82	1.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	198.88	210.85	204.36	204.69	2.93	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.60	486.41	477.65	484.89	1.36	ppb
Zirconium	91-1	474.19	477.78	471.74	474.57	0.64	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.62	15.69	18.41	16.24	12.04	ppb
Antimony	121-1	1.85	1.82	1.85	1.84	1.04	ppb
Arsenic	75-2	1.16	0.82	1.09	1.02	17.29	ppb
Barium	135-1	8.69	8.37	8.96	8.67	3.41	ppb
Barium	137-1	8.90	8.26	8.70	8.62	3.80	ppb
Beryllium	9-1	0.96	0.97	0.97	0.97	0.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	30.09	28.93	27.90	28.97	3.77	ppb
Boron	11-1	28.24	27.80	28.42	28.15	1.13	ppb
Cadmium	111-1	0.97	0.90	0.85	0.90	6.95	ppb
Cadmium	106-1	1.72	1.21	0.66	1.20	44.50	ppb
Cadmium	108-1	0.77	1.01	1.34	1.04	27.88	ppb
Calcium	43-1	439.37	411.18	408.97	419.84	4.04	ppb
Calcium	44-1	438.19	400.19	414.98	417.79	4.58	ppb
Chromium	52-2	1.80	1.99	1.67	1.82	8.82	ppb
Cobalt	59-2	0.87	0.87	0.80	0.85	4.59	ppb
Copper	63-2	1.72	1.70	1.53	1.65	6.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	46.37	45.13	46.76	46.09	1.84	ppb
Iron	57-2	43.34	45.37	48.17	45.63	5.32	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.86	0.85	0.90	7.87	ppb
Lead	207-1	0.90	0.87	0.87	0.88	1.94	ppb
Lead	208-1	0.93	0.86	0.89	0.89	4.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	422.66	461.69	445.78	443.38	4.43	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.86	1.22	0.93	1.00	19.29	ppb
Molybdenum	94-1	4.92	4.85	4.73	4.83	2.03	ppb
Molybdenum	95-1	4.39	4.32	4.45	4.39	1.40	ppb
Molybdenum	96-1	4.65	4.19	4.47	4.44	5.18	ppb
Molybdenum	97-1	4.60	4.35	4.19	4.38	4.71	ppb
Molybdenum	98-1	4.39	4.35	4.40	4.38	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.15	0.95	1.00	13.12	ppb
Phosphorus	31-2	-5.65	-31.37	-5.31	-14.11		ppb
Potassium	39-2	440.39	469.51	431.06	446.99	4.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	1.79	6.55	4.20	4.18	56.90	ppb
Selenium	82-1	4.59	4.55	4.77	4.64	2.62	ppb
Silicon	28-1	17.43	9.72	11.43	12.86	31.49	ppb
Silver	109-1	0.96	0.90	1.02	0.96	6.27	ppb
Silver	107-1	0.93	0.87	0.93	0.91	3.58	ppb
Sodium	23-2	472.92	495.40	465.65	477.99	3.24	ppb
Strontium	86-1	0.89	0.88	0.89	0.89	0.65	ppb
Strontium	88-1	0.88	0.90	0.90	0.89	1.38	ppb
Sulfur	34-1	77.24	-979.11	-474.87	-458.92		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.87	0.90	0.89	1.98	ppb
Thallium	205-1	0.98	0.89	0.95	0.94	5.00	ppb
Tin	118-1	4.51	4.41	4.39	4.44	1.43	ppb
Titanium	47-1	4.77	4.03	4.04	4.28	9.88	ppb
Uranium	238-1	0.85	0.83	0.78	0.82	4.12	ppb
Vanadium	51-2	4.09	4.08	4.21	4.13	1.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.77	2.37	2.38	2.18	16.13	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	1.09	1.04	1.12	8.30	ppb
Zirconium	91-1	1.11	1.00	1.16	1.09	7.57	ppb

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 17:57:32 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.94	0.11	1.57	0.25	505.17	ppb
Antimony	121-1	0.07	0.10	0.07	0.08	17.59	ppb
Arsenic	75-2	0.04	0.07	-0.03	0.02	215.49	ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.01	120.04	ppb
Beryllium	9-1	0.11	0.12	0.09	0.11	14.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	7.96	8.28	5.96	7.40	16.99	ppb
Boron	11-1	6.80	6.99	6.61	6.80	2.75	ppb
Cadmium	111-1	-0.01	0.05	-0.19	-0.05		ppb
Cadmium	106-1	0.01	0.77	-2.65	-0.62		ppb
Cadmium	108-1	0.00	0.04	0.07	0.04	99.65	ppb
Calcium	43-1	-0.86	4.10	0.36	1.20	214.90	ppb
Calcium	44-1	-1.84	1.55	-0.74	-0.34		ppb
Chromium	52-2	0.07	0.00	0.05	0.04	88.52	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.10	-0.12	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.70	0.89	0.74	0.78	12.55	ppb
Iron	57-2	1.70	1.19	1.09	1.33	24.67	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	22.79	ppb
Lead	207-1	0.02	0.03	0.02	0.02	29.51	ppb
Lead	208-1	0.01	0.03	0.02	0.02	36.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	8.20	3.76	3.14	5.03	54.79	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:57:32	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.10	0.05	0.06	71.47	ppb
Molybdenum	94-1	0.08	0.16	0.07	0.10	45.43	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	31.40	ppb
Molybdenum	96-1	0.05	0.07	0.04	0.06	26.16	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	6.84	ppb
Molybdenum	98-1	0.06	0.05	0.02	0.04	47.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.08	-0.03	-0.02		ppb
Phosphorus	31-2	-31.37	-4.80	-31.37	-22.51		ppb
Potassium	39-2	28.98	34.57	4.46	22.67	70.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	4.56	-2.41	4.50	2.22	180.55	ppb
Selenium	78-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	82-1	0.26	0.34	0.21	0.27	24.58	ppb
Silicon	28-1	-2.54	3.26	-3.24	-0.84		ppb
Silver	109-1	0.01	0.00	0.01	0.01	82.07	ppb
Silver	107-1	0.01	0.00	0.00	0.01	142.64	ppb
Sodium	23-2	41.14	43.61	40.90	41.88	3.58	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	5217.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	106.25	ppb
Sulfur	34-1	-903.60	237.15	-501.23	-389.23		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.05	0.06	7.22	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.82	ppb
Tin	118-1	0.07	0.07	0.11	0.08	24.54	ppb
Titanium	47-1	0.03	-0.05	0.05	0.01	403.73	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.16	0.66	0.37	0.40	63.43	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:57:32	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.04	13.88	ppb
Zirconium	91-1	0.03	0.05	0.02	0.03	54.06	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90963.97	90725.75	92387.58	91359.10	0.98	ppb
Antimony	121-1	1.17	1.23	1.15	1.18	3.38	ppb
Arsenic	75-2	0.22	0.39	0.22	0.27	36.84	ppb
Barium	135-1	1.49	1.59	1.57	1.55	3.52	ppb
Barium	137-1	1.41	1.64	1.47	1.51	8.03	ppb
Beryllium	9-1	0.29	0.38	0.31	0.33	14.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	8.70	8.03	10.77	9.17	15.59	ppb
Boron	11-1	9.22	9.68	8.13	9.01	8.84	ppb
Cadmium	111-1	0.31	0.29	0.27	0.29	6.19	ppb
Cadmium	106-1	-0.49	-0.85	-0.33	-0.56		ppb
Cadmium	108-1	9.68	9.12	9.12	9.31	3.44	ppb
Calcium	43-1	97609.01	103249.24	96831.33	99229.86	3.53	ppb
Calcium	44-1	96089.63	101344.93	95957.48	97797.35	3.14	ppb
Chromium	52-2	19.32	19.76	19.68	19.59	1.21	ppb
Cobalt	59-2	1.12	1.15	1.04	1.10	5.41	ppb
Copper	63-2	7.38	7.98	7.79	7.72	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	102024.28	101821.05	102676.38	102173.90	0.44	ppb
Iron	57-2	99652.47	99954.84	100086.85	99898.05	0.22	ppb
Krypton	83-1						cps
Lead	206-1	4.98	5.11	4.81	4.97	3.06	ppb
Lead	207-1	4.43	4.39	4.29	4.37	1.66	ppb
Lead	208-1	4.69	4.73	4.51	4.64	2.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	98529.14	98266.19	100245.28	99013.54	1.09	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.04	7.52	7.60	7.39	4.09	ppb
Molybdenum	94-1	1380.25	1439.80	1360.84	1393.63	2.95	ppb
Molybdenum	95-1	1972.77	2053.11	1958.24	1994.71	2.56	ppb
Molybdenum	96-1	1871.09	1960.52	1884.96	1905.52	2.53	ppb
Molybdenum	97-1	1958.66	2053.84	1968.52	1993.67	2.63	ppb
Molybdenum	98-1	1969.69	2038.80	1967.46	1991.98	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.94	4.99	5.38	5.10	4.80	ppb
Phosphorus	31-2	98543.48	96420.94	99131.75	98032.06	1.45	ppb
Potassium	39-2	97135.46	96702.08	98493.22	97443.59	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	-1.56	-1.56	-0.41	-1.18		ppb
Selenium	82-1	0.45	0.26	0.22	0.31	40.12	ppb
Silicon	28-1	41.63	51.01	40.55	44.40	12.97	ppb
Silver	109-1	0.04	0.07	0.07	0.06	30.90	ppb
Silver	107-1	0.05	0.06	0.07	0.06	12.90	ppb
Sodium	23-2	99817.70	99606.95	101345.27	100256.64	0.95	ppb
Strontium	86-1	34.09	35.87	33.37	34.44	3.74	ppb
Strontium	88-1	34.41	35.98	34.31	34.90	2.67	ppb
Sulfur	34-1	84677.62	89620.69	82783.51	85693.94	4.12	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.15	0.19	0.16	19.65	ppb
Thallium	205-1	0.12	0.16	0.18	0.15	18.92	ppb
Tin	118-1	0.20	0.25	0.22	0.22	11.40	ppb
Titanium	47-1	2051.45	2159.08	2035.85	2082.13	3.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.45	ppb
Vanadium	51-2	0.14	0.16	0.14	0.15	9.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	11.93	12.06	12.24	12.07	1.29	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.72	0.60	0.75	21.23	ppb
Zirconium	91-1	0.76	0.73	0.62	0.70	9.89	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88967.43	92289.96	89925.98	90394.46	1.89	ppb
Antimony	121-1	20.60	20.52	20.56	20.56	0.19	ppb
Arsenic	75-2	20.12	18.57	20.16	19.62	4.61	ppb
Barium	135-1	21.54	21.10	21.32	21.32	1.03	ppb
Barium	137-1	21.47	20.98	20.80	21.08	1.64	ppb
Beryllium	9-1	20.68	20.05	20.38	20.37	1.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	63.46	69.16	63.97	65.53	4.81	ppb
Boron	11-1	64.64	65.97	65.29	65.30	1.01	ppb
Cadmium	111-1	20.63	19.61	19.41	19.88	3.28	ppb
Cadmium	106-1	25.19	22.26	23.38	23.61	6.26	ppb
Cadmium	108-1	30.44	32.79	31.44	31.56	3.73	ppb
Calcium	43-1	96330.61	98994.34	96276.32	97200.43	1.60	ppb
Calcium	44-1	94979.99	96094.89	93505.46	94860.12	1.37	ppb
Chromium	52-2	37.62	39.12	37.39	38.05	2.47	ppb
Cobalt	59-2	20.33	21.58	20.41	20.78	3.38	ppb
Copper	63-2	26.50	28.30	26.82	27.21	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	99161.41	103832.63	99876.90	100956.98	2.49	ppb
Iron	57-2	96857.52	101848.36	97994.70	98900.19	2.64	ppb
Krypton	83-1						cps
Lead	206-1	24.54	25.36	24.68	24.86	1.77	ppb
Lead	207-1	22.46	23.12	22.59	22.72	1.53	ppb
Lead	208-1	23.44	23.96	23.40	23.60	1.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	95591.80	100380.30	96503.14	97491.75	2.61	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.72	28.38	25.60	26.57	5.90	ppb
Molybdenum	94-1	1478.05	1460.82	1453.51	1464.13	0.86	ppb
Molybdenum	95-1	1979.90	1976.12	1961.54	1972.52	0.49	ppb
Molybdenum	96-1	1906.23	1910.28	1913.62	1910.04	0.19	ppb
Molybdenum	97-1	1998.37	1988.83	1997.62	1994.94	0.27	ppb
Molybdenum	98-1	1973.22	1969.05	1962.44	1968.23	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.03	24.84	24.80	24.55	1.87	ppb
Phosphorus	31-2	94944.75	98953.91	92865.45	95588.04	3.24	ppb
Potassium	39-2	95030.26	99228.57	95113.72	96457.52	2.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	18.52	12.16	32.63	21.10	49.64	ppb
Selenium	78-2	24.66	24.62	19.05	22.78	14.17	ppb
Selenium	82-1	20.17	19.18	19.12	19.49	3.03	ppb
Silicon	28-1	104.06	103.83	99.14	102.34	2.71	ppb
Silver	109-1	19.28	19.01	18.78	19.02	1.31	ppb
Silver	107-1	19.24	19.02	18.71	18.99	1.41	ppb
Sodium	23-2	98078.11	102557.49	98558.55	99731.38	2.47	ppb
Strontium	86-1	84.94	84.82	84.89	84.88	0.07	ppb
Strontium	88-1	88.98	89.12	88.65	88.92	0.27	ppb
Sulfur	34-1	83459.36	84629.52	80926.00	83004.96	2.28	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	19.73	20.55	20.21	20.16	2.05	ppb
Thallium	205-1	19.93	20.80	20.13	20.28	2.25	ppb
Tin	118-1	53.37	52.99	52.22	52.86	1.11	ppb
Titanium	47-1	2083.91	2066.45	1998.50	2049.62	2.20	ppb
Uranium	238-1	52.44	53.66	52.53	52.87	1.29	ppb
Vanadium	51-2	19.26	19.89	18.63	19.26	3.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	30.83	32.76	29.29	30.96	5.61	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.56	53.08	53.16	52.93	0.61	ppb
Zirconium	91-1	51.70	51.41	51.89	51.66	0.46	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52639.73	54228.29	52019.39	52962.47	2.15	ppb
Antimony	121-1	501.02	507.69	503.77	504.16	0.66	ppb
Arsenic	75-2	495.86	512.54	497.81	502.07	1.82	ppb
Barium	135-1	2514.40	2559.78	2545.24	2539.81	0.91	ppb
Barium	137-1	2525.60	2545.59	2532.98	2534.72	0.40	ppb
Beryllium	9-1	525.92	506.60	514.95	515.82	1.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	519.57	505.68	528.45	517.90	2.22	ppb
Boron	11-1	510.74	509.02	525.66	515.14	1.78	ppb
Cadmium	111-1	489.46	492.65	490.98	491.03	0.33	ppb
Cadmium	106-1	493.94	492.75	497.76	494.82	0.53	ppb
Cadmium	108-1	489.81	492.22	492.30	491.44	0.29	ppb
Calcium	43-1	243836.81	246158.24	239282.47	243092.51	1.44	ppb
Calcium	44-1	241013.20	241930.59	237231.58	240058.46	1.04	ppb
Chromium	52-2	508.71	518.79	503.99	510.50	1.48	ppb
Cobalt	59-2	493.53	500.12	488.39	494.01	1.19	ppb
Copper	63-2	949.42	972.48	937.06	952.99	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	128060.76	131862.89	127627.09	129183.58	1.80	ppb
Iron	57-2	125863.10	128485.04	124447.54	126265.23	1.62	ppb
Krypton	83-1						cps
Lead	206-1	508.35	519.34	510.66	512.79	1.13	ppb
Lead	207-1	514.38	519.03	499.07	510.83	2.04	ppb
Lead	208-1	508.29	517.75	503.98	510.01	1.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	252812.05	257782.32	251061.03	253885.13	1.37	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.66	1021.43	985.79	1001.96	1.80	ppb
Molybdenum	94-1	2489.88	2508.90	2522.04	2506.94	0.64	ppb
Molybdenum	95-1	2500.14	2507.77	2507.66	2505.19	0.17	ppb
Molybdenum	96-1	2501.30	2500.96	2496.05	2499.44	0.12	ppb
Molybdenum	97-1	2508.93	2498.63	2519.14	2508.90	0.41	ppb
Molybdenum	98-1	2510.16	2468.66	2520.23	2499.68	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.14	501.79	485.34	494.43	1.69	ppb
Phosphorus	31-2	9391.54	10416.23	9977.76	9928.51	5.18	ppb
Potassium	39-2	127546.43	130592.96	125819.05	127986.15	1.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	574.95	495.68	437.93	502.86	13.68	ppb
Selenium	78-2	520.91	495.01	491.07	502.33	3.23	ppb
Selenium	82-1	491.30	489.72	493.17	491.40	0.35	ppb
Silicon	28-1	559.55	563.76	556.02	559.77	0.69	ppb
Silver	109-1	496.01	498.49	497.44	497.31	0.25	ppb
Silver	107-1	502.93	503.95	496.21	501.03	0.84	ppb
Sodium	23-2	254330.84	258577.88	250847.15	254585.29	1.52	ppb
Strontium	86-1	492.58	494.08	493.00	493.22	0.16	ppb
Strontium	88-1	500.06	502.22	499.89	500.72	0.26	ppb
Sulfur	34-1	9110.82	9354.01	8656.21	9040.35	3.92	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	509.49	513.70	512.91	512.03	0.44	ppb
Thallium	205-1	499.90	511.55	497.90	503.12	1.46	ppb
Tin	118-1	504.08	511.88	508.23	508.07	0.77	ppb
Titanium	47-1	2554.09	2614.96	2521.54	2563.53	1.85	ppb
Uranium	238-1	507.89	516.90	499.39	508.06	1.72	ppb
Vanadium	51-2	499.12	508.59	495.00	500.90	1.39	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	964.25	980.38	955.42	966.69	1.31	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.91	509.99	508.93	507.61	0.64	ppb
Zirconium	91-1	492.06	494.65	497.53	494.75	0.55	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.45	3.52	3.44	4.14	27.58	ppb
Antimony	121-1	1.22	1.11	1.04	1.12	8.40	ppb
Arsenic	75-2	0.13	0.11	0.09	0.11	22.08	ppb
Barium	135-1	0.07	0.04	0.04	0.05	32.93	ppb
Barium	137-1	0.05	0.02	0.02	0.03	60.66	ppb
Beryllium	9-1	0.33	0.26	0.27	0.28	12.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	19.30	16.58	15.80	17.23	10.67	ppb
Boron	11-1	19.60	15.25	16.27	17.04	13.35	ppb
Cadmium	111-1	0.11	0.05	0.10	0.09	41.47	ppb
Cadmium	106-1	1.39	0.48	1.33	1.07	47.61	ppb
Cadmium	108-1	-0.04	0.00	0.18	0.05	246.12	ppb
Calcium	43-1	4.05	-1.57	-3.53	-0.35		ppb
Calcium	44-1	6.06	3.73	5.73	5.17	24.37	ppb
Chromium	52-2	-0.01	0.03	0.01	0.01	234.69	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.16	-0.06	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	6.09	6.12	5.60	5.94	4.93	ppb
Iron	57-2	4.60	6.74	7.12	6.15	22.06	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.10	0.08	21.75	ppb
Lead	207-1	0.10	0.09	0.06	0.08	26.90	ppb
Lead	208-1	0.09	0.08	0.09	0.09	11.55	ppb
Lithium	6-1				106		%
Magnesium	24-2	8.57	9.05	4.51	7.38	33.83	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	-0.01	0.08	0.05	103.96	ppb
Molybdenum	94-1	1.23	0.93	0.86	1.00	19.54	ppb
Molybdenum	95-1	1.16	0.94	0.94	1.02	12.56	ppb
Molybdenum	96-1	1.28	1.04	0.92	1.08	17.14	ppb
Molybdenum	97-1	1.24	1.00	0.96	1.06	14.06	ppb
Molybdenum	98-1	1.20	1.06	0.93	1.06	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	-0.04	0.00		ppb
Phosphorus	31-2	-31.37	-31.37	-6.14	-22.96		ppb
Potassium	39-2	43.34	50.66	36.77	43.59	15.94	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	-2.41	-2.41	4.30	-0.17		ppb
Selenium	78-2	-1.56	0.66	-1.56	-0.82		ppb
Selenium	82-1	-0.26	0.70	0.29	0.24	196.52	ppb
Silicon	28-1	1.73	-0.29	0.46	0.63	161.03	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.64	ppb
Silver	107-1	0.04	0.04	0.03	0.03	6.33	ppb
Sodium	23-2	104.57	99.05	82.09	95.23	12.30	ppb
Strontium	86-1	-0.01	0.03	0.01	0.01	274.86	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	78.95	ppb
Sulfur	34-1	-1045.78	-1289.27	-1278.16	-1204.40		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.20	0.18	0.19	7.97	ppb
Thallium	205-1	0.21	0.21	0.17	0.20	11.82	ppb
Tin	118-1	0.37	0.27	0.29	0.31	17.08	ppb
Titanium	47-1	0.17	0.12	0.10	0.13	28.91	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	54.77	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.23	0.01	0.35	0.19	88.17	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.15	0.13	0.16	16.27	ppb
Zirconium	91-1	0.12	0.13	0.11	0.12	8.86	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:14:03	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.74	16.22	19.03	19.33	16.94	ppb
Antimony	121-1	2.30	2.32	2.24	2.29	1.78	ppb
Arsenic	75-2	0.74	1.12	0.96	0.94	20.35	ppb
Barium	135-1	10.01	10.06	9.92	10.00	0.74	ppb
Barium	137-1	9.92	10.33	10.13	10.13	2.04	ppb
Beryllium	9-1	1.16	1.11	0.96	1.08	10.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	30.16	35.19	30.93	32.09	8.44	ppb
Boron	11-1	29.85	30.97	29.28	30.03	2.87	ppb
Cadmium	111-1	0.98	0.92	0.81	0.91	9.58	ppb
Cadmium	106-1	1.40	-0.67	-0.24	0.16	680.09	ppb
Cadmium	108-1	0.92	1.50	1.43	1.28	24.90	ppb
Calcium	43-1	469.13	491.36	483.30	481.26	2.34	ppb
Calcium	44-1	478.37	494.10	470.50	480.99	2.50	ppb
Chromium	52-2	2.03	1.74	2.01	1.93	8.21	ppb
Cobalt	59-2	0.90	0.86	0.99	0.92	6.93	ppb
Copper	63-2	1.95	1.83	1.83	1.87	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	61.75	57.69	56.97	58.81	4.38	ppb
Iron	57-2	57.62	52.54	46.20	52.12	10.98	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.15	1.03	1.10	5.51	ppb
Lead	207-1	0.98	1.15	1.07	1.07	7.83	ppb
Lead	208-1	1.04	1.10	1.04	1.06	3.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	508.81	484.44	466.40	486.55	4.37	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:14:03	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.09	1.09	1.05	6.52	ppb
Molybdenum	94-1	5.67	5.93	5.50	5.70	3.79	ppb
Molybdenum	95-1	5.05	5.41	5.21	5.22	3.48	ppb
Molybdenum	96-1	5.23	5.39	5.08	5.23	2.92	ppb
Molybdenum	97-1	5.10	5.31	4.91	5.11	3.85	ppb
Molybdenum	98-1	5.28	5.53	5.26	5.36	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.95	0.90	0.93	2.68	ppb
Phosphorus	31-2	-31.37	18.99	-31.37	-14.58		ppb
Potassium	39-2	518.17	467.35	506.13	497.21	5.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	-2.41	4.36	-2.41	-0.15		ppb
Selenium	78-2	2.89	-0.45	2.91	1.78	108.68	ppb
Selenium	82-1	5.11	6.09	4.94	5.38	11.55	ppb
Silicon	28-1	17.62	20.97	16.51	18.37	12.66	ppb
Silver	109-1	1.10	1.13	1.09	1.10	1.90	ppb
Silver	107-1	1.07	1.05	1.05	1.06	1.23	ppb
Sodium	23-2	567.83	548.08	579.53	565.15	2.81	ppb
Strontium	86-1	0.98	1.14	1.07	1.06	7.58	ppb
Strontium	88-1	1.02	1.05	0.99	1.02	2.62	ppb
Sulfur	34-1	-1040.22	-407.22	-987.59	-811.68		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.06	1.11	1.09	1.09	2.46	ppb
Thallium	205-1	1.08	1.14	1.05	1.09	4.39	ppb
Tin	118-1	5.05	5.19	5.06	5.10	1.55	ppb
Titanium	47-1	5.19	5.07	5.32	5.19	2.43	ppb
Uranium	238-1	0.91	0.99	0.93	0.94	4.52	ppb
Vanadium	51-2	4.73	4.65	4.88	4.75	2.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	2.48	2.66	2.62	2.59	3.54	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:14:03	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.32	1.41	1.27	1.33	5.39	ppb
Zirconium	91-1	1.36	1.33	1.25	1.31	4.27	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P8
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:17:39	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.98	-0.43	-0.64		ppb
Antimony	121-1	0.11	0.13	0.13	0.12	10.92	ppb
Arsenic	75-2	0.01	0.04	-0.01	0.01	162.97	ppb
Barium	135-1	0.01	0.01	0.00	0.00	134.94	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.15	0.09	0.03	0.09	69.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	7.20	4.85	5.33	5.79	21.38	ppb
Boron	11-1	6.28	5.15	5.64	5.69	9.97	ppb
Cadmium	111-1	-0.01	-0.02	-0.07	-0.03		ppb
Cadmium	106-1	-0.22	-0.24	-0.84	-0.44		ppb
Cadmium	108-1	0.08	0.00	0.04	0.04	105.31	ppb
Calcium	43-1	-5.32	0.89	-0.89	-1.77		ppb
Calcium	44-1	2.45	2.22	-0.91	1.26	149.62	ppb
Chromium	52-2	0.02	0.02	0.04	0.03	45.78	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.02	0.09	0.09	0.07	60.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	1.57	1.99	1.89	1.82	12.31	ppb
Iron	57-2	-0.04	1.04	0.08	0.36	162.81	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	14.29	ppb
Lead	207-1	0.05	0.04	0.02	0.03	45.27	ppb
Lead	208-1	0.05	0.04	0.04	0.04	8.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.21	0.99	8.83	5.34	74.77	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P8
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:17:39	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	-0.05	0.04	0.02	265.83	ppb
Molybdenum	94-1	0.22	0.11	0.19	0.17	32.75	ppb
Molybdenum	95-1	0.16	0.20	0.15	0.17	16.48	ppb
Molybdenum	96-1	0.17	0.12	0.14	0.14	18.48	ppb
Molybdenum	97-1	0.14	0.13	0.14	0.13	5.15	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	4.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.08	0.02	-0.06		ppb
Phosphorus	31-2	-31.37	-31.37	-31.37	-31.37		ppb
Potassium	39-2	18.55	24.76	21.95	21.75	14.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	0.65	-1.56	-1.56	-0.82		ppb
Selenium	82-1	0.02	0.24	-0.55	-0.09		ppb
Silicon	28-1	2.10	-1.96	-0.62	-0.16		ppb
Silver	109-1	0.02	0.03	0.02	0.02	23.47	ppb
Silver	107-1	0.00	0.01	0.01	0.01	40.75	ppb
Sodium	23-2	56.32	59.19	63.43	59.65	6.00	ppb
Strontium	86-1	-0.05	-0.05	-0.03	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-456.75	-1115.37	-873.61	-815.24		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.05	0.06	0.06	23.25	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	10.47	ppb
Tin	118-1	0.18	0.10	0.09	0.13	41.15	ppb
Titanium	47-1	-0.03	0.05	0.03	0.02	251.22	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.16	0.23	0.22	0.20	18.69	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P8
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:17:39	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.04	0.05	25.15	ppb
Zirconium	91-1	0.09	0.04	0.03	0.05	61.12	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P8
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:21:01	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9788.78	9721.32	9539.69	9683.26	1.33	ppb
Antimony	121-1	501.13	516.70	508.29	508.71	1.53	ppb
Arsenic	75-2	497.63	488.87	505.51	497.34	1.67	ppb
Barium	135-1	2531.43	2543.78	2513.45	2529.55	0.60	ppb
Barium	137-1	2509.26	2552.76	2521.72	2527.91	0.89	ppb
Beryllium	9-1	492.50	499.21	497.18	496.30	0.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	463.08	489.66	484.23	478.99	2.93	ppb
Boron	11-1	468.34	488.22	490.55	482.37	2.53	ppb
Cadmium	111-1	502.08	508.59	502.63	504.43	0.72	ppb
Cadmium	106-1	499.33	510.44	498.56	502.77	1.32	ppb
Cadmium	108-1	495.74	507.29	500.18	501.07	1.16	ppb
Calcium	43-1	47930.90	48706.28	47805.51	48147.56	1.01	ppb
Calcium	44-1	47694.32	48840.23	47866.52	48133.69	1.28	ppb
Chromium	52-2	505.23	507.76	499.92	504.30	0.79	ppb
Cobalt	59-2	481.19	487.70	478.90	482.60	0.95	ppb
Copper	63-2	954.75	969.26	950.42	958.14	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	25433.42	25516.69	24938.05	25296.05	1.24	ppb
Iron	57-2	24475.62	25103.76	24256.41	24611.93	1.79	ppb
Krypton	83-1						cps
Lead	206-1	499.93	504.76	499.37	501.35	0.59	ppb
Lead	207-1	502.03	498.81	499.49	500.11	0.34	ppb
Lead	208-1	498.51	500.74	497.78	499.01	0.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	51307.13	51808.67	49985.91	51033.90	1.85	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P8
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:21:01	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.20	978.14	956.21	969.18	1.19	ppb
Molybdenum	94-1	2466.91	2469.30	2448.61	2461.60	0.46	ppb
Molybdenum	95-1	2487.81	2477.73	2456.07	2473.87	0.66	ppb
Molybdenum	96-1	2475.09	2470.51	2454.21	2466.60	0.44	ppb
Molybdenum	97-1	2485.83	2472.71	2440.64	2466.39	0.94	ppb
Molybdenum	98-1	2477.12	2482.46	2433.38	2464.32	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.99	499.33	487.88	493.40	1.16	ppb
Phosphorus	31-2	10256.45	9800.44	10486.81	10181.23	3.43	ppb
Potassium	39-2	24723.17	24981.62	24543.03	24749.28	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	565.02	517.96	500.69	527.89	6.31	ppb
Selenium	78-2	510.28	553.61	526.82	530.24	4.12	ppb
Selenium	82-1	495.96	496.22	491.68	494.62	0.52	ppb
Silicon	28-1	528.77	519.71	515.04	521.17	1.34	ppb
Silver	109-1	513.37	523.09	511.04	515.83	1.24	ppb
Silver	107-1	514.95	522.87	510.40	516.07	1.22	ppb
Sodium	23-2	50970.78	51488.37	50400.19	50953.11	1.07	ppb
Strontium	86-1	487.07	491.51	488.46	489.01	0.46	ppb
Strontium	88-1	502.12	497.62	494.61	498.12	0.76	ppb
Sulfur	34-1	9138.58	9445.07	8778.31	9120.65	3.66	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	499.70	504.46	501.45	501.87	0.48	ppb
Thallium	205-1	495.67	498.47	495.36	496.50	0.35	ppb
Tin	118-1	509.83	507.20	505.37	507.47	0.44	ppb
Titanium	47-1	2501.81	2508.34	2475.12	2495.09	0.71	ppb
Uranium	238-1	477.21	483.46	479.00	479.89	0.67	ppb
Vanadium	51-2	487.02	490.13	484.66	487.27	0.56	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	972.00	975.46	957.11	968.19	1.01	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P8
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:21:01	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.58	496.66	497.98	498.07	0.29	ppb
Zirconium	91-1	482.70	487.84	481.96	484.17	0.66	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.29	1.83	4.23	4.45	61.43	ppb
Antimony	121-1	2.66	2.38	2.38	2.47	6.66	ppb
Arsenic	75-2	83.43	82.42	91.28	85.71	5.66	ppb
Barium	135-1	404.67	415.10	432.09	417.29	3.32	ppb
Barium	137-1	408.84	418.93	439.48	422.41	3.70	ppb
Beryllium	9-1	0.24	0.23	0.24	0.24	1.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	159.99	162.53	157.52	160.01	1.56	ppb
Boron	11-1	162.73	162.54	172.06	165.78	3.28	ppb
Cadmium	111-1	0.27	0.08	0.10	0.15	68.97	ppb
Cadmium	106-1	-0.42	-1.33	-1.29	-1.01		ppb
Cadmium	108-1	0.51	0.30	0.43	0.41	26.25	ppb
Calcium	43-1	80533.33	80645.45	87162.72	82780.50	4.59	ppb
Calcium	44-1	77009.80	79618.61	84720.63	80449.68	4.88	ppb
Chromium	52-2	1.60	1.50	1.43	1.51	5.46	ppb
Cobalt	59-2	2.09	1.93	2.35	2.13	9.92	ppb
Copper	63-2	26.57	25.23	26.17	25.99	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				91		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	9582.73	9511.00	10373.91	9822.55	4.87	ppb
Iron	57-2	9143.71	9215.27	9875.37	9411.45	4.29	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.56	0.48	0.54	9.52	ppb
Lead	207-1	0.60	0.52	0.42	0.51	17.03	ppb
Lead	208-1	0.60	0.53	0.46	0.53	13.55	ppb
Lithium	6-1				111		%
Magnesium	24-2	12412.71	12315.66	13429.72	12719.36	4.85	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1933.13	1902.97	2090.88	1975.66	5.11	ppb
Molybdenum	94-1	3.61	3.23	3.81	3.55	8.22	ppb
Molybdenum	95-1	3.63	3.67	3.79	3.70	2.30	ppb
Molybdenum	96-1	3.80	3.77	3.77	3.78	0.42	ppb
Molybdenum	97-1	3.70	3.77	3.86	3.77	2.14	ppb
Molybdenum	98-1	4.73	4.82	4.80	4.78	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.12	2.56	2.30	10.19	ppb
Phosphorus	31-2	93.57	63.31	2.95	53.27	86.60	ppb
Potassium	39-2	2091.43	2094.63	2231.34	2139.13	3.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	77-2	-2.41	5.50	-2.41	0.23	1979.01	ppb
Selenium	78-2	1.04	1.02	-0.14	0.64	105.73	ppb
Selenium	82-1	0.45	0.02	0.02	0.16	152.15	ppb
Silicon	28-1	10232.52	10419.86	11137.41	10596.60	4.51	ppb
Silver	109-1	1.36	1.28	1.23	1.29	4.94	ppb
Silver	107-1	1.38	1.23	1.22	1.28	6.99	ppb
Sodium	23-2	48375.56	48396.13	51886.54	49552.74	4.08	ppb
Strontium	86-1	545.89	560.55	592.07	566.17	4.17	ppb
Strontium	88-1	563.00	573.83	605.36	580.73	3.79	ppb
Sulfur	34-1	-1752.48	-1347.12	-602.10	-1233.90		ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	1.98	1.52	1.15	1.55	26.55	ppb
Thallium	205-1	2.04	1.56	1.21	1.60	26.12	ppb
Tin	118-1	2.23	2.28	2.26	2.26	1.03	ppb
Titanium	47-1	0.68	0.70	0.65	0.68	3.35	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	6.44	ppb
Vanadium	51-2	0.47	0.45	0.43	0.45	4.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	13.05	12.88	13.80	13.24	3.69	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.71	0.58	0.56	0.62	12.77	ppb
Zirconium	91-1	0.71	0.65	0.63	0.66	6.19	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.13	12.69	12.90	9.24	66.61	ppb
Antimony	121-1	1.24	1.31	1.32	1.29	3.19	ppb
Arsenic	75-2	10.09	12.36	12.93	11.79	12.72	ppb
Barium	135-1	318.97	320.96	313.87	317.93	1.15	ppb
Barium	137-1	319.95	325.42	316.92	320.76	1.34	ppb
Beryllium	9-1	0.10	0.11	0.11	0.11	4.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				90		%
Boron	10-1	170.85	173.67	187.10	177.20	4.90	ppb
Boron	11-1	178.81	182.93	182.70	181.48	1.27	ppb
Cadmium	111-1	-0.01	-0.05	0.04	0.00		ppb
Cadmium	106-1	-1.12	-1.32	-0.44	-0.96		ppb
Cadmium	108-1	0.07	0.22	0.04	0.11	89.29	ppb
Calcium	43-1	97010.58	100973.30	99258.73	99080.87	2.01	ppb
Calcium	44-1	95373.64	98975.29	97555.52	97301.48	1.86	ppb
Chromium	52-2	0.70	0.80	0.59	0.70	15.24	ppb
Cobalt	59-2	0.89	0.84	0.91	0.88	4.02	ppb
Copper	63-2	17.16	16.99	16.58	16.91	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	56-2	1858.29	1843.88	1852.07	1851.41	0.39	ppb
Iron	57-2	1757.66	1778.01	1821.98	1785.88	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.45	0.46	0.46	1.69	ppb
Lead	207-1	0.44	0.43	0.37	0.41	8.03	ppb
Lead	208-1	0.43	0.44	0.40	0.42	4.91	ppb
Lithium	6-1				117		%
Magnesium	24-2	12706.52	12573.70	12729.72	12669.98	0.66	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	572.72	559.69	566.71	566.37	1.15	ppb
Molybdenum	94-1	1.45	1.51	1.35	1.44	5.84	ppb
Molybdenum	95-1	1.71	1.72	1.61	1.68	3.66	ppb
Molybdenum	96-1	1.69	1.64	1.59	1.64	2.92	ppb
Molybdenum	97-1	1.49	1.79	1.67	1.65	9.24	ppb
Molybdenum	98-1	2.37	2.38	2.30	2.35	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.82	2.67	3.13	2.88	8.15	ppb
Phosphorus	31-2	2.38	2.36	-31.37	-8.88		ppb
Potassium	39-2	2210.36	2189.29	2082.72	2160.79	3.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				80		%
Selenium	77-2	-2.41	-2.41	6.09	0.43	1147.60	ppb
Selenium	78-2	-0.19	-1.56	-1.56	-1.10		ppb
Selenium	82-1	1.19	0.97	2.77	1.65	59.64	ppb
Silicon	28-1	8859.09	9099.46	8891.89	8950.15	1.46	ppb
Silver	109-1	0.50	0.39	0.39	0.43	14.79	ppb
Silver	107-1	0.47	0.42	0.40	0.43	8.66	ppb
Sodium	23-2	43863.27	43849.79	44601.72	44104.92	0.98	ppb
Strontium	86-1	606.85	608.39	600.59	605.28	0.68	ppb
Strontium	88-1	618.37	622.01	614.02	618.13	0.65	ppb
Sulfur	34-1	4692.19	5276.53	4696.12	4888.28	6.88	ppb
Terbium	159-1				102		%
Terbium	159-2				91		%
Thallium	203-1	0.18	0.17	0.15	0.17	11.24	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	5.29	ppb
Tin	118-1	1.82	1.94	1.93	1.90	3.40	ppb
Titanium	47-1	0.57	0.42	0.59	0.53	17.41	ppb
Uranium	238-1	1.19	1.24	1.22	1.22	2.13	ppb
Vanadium	51-2	3.37	2.97	3.36	3.23	6.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				85		%
Zinc	66-2	9.03	7.64	9.20	8.63	9.92	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.19	0.20	7.30	ppb
Zirconium	91-1	0.18	0.17	0.17	0.17	3.84	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:30:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	7.29	3.17	4.30	60.69	ppb
Antimony	121-1	1.63	1.90	1.76	1.76	7.57	ppb
Arsenic	75-2	85.85	83.65	83.00	84.17	1.78	ppb
Barium	135-1	406.28	426.92	410.97	414.72	2.61	ppb
Barium	137-1	409.05	428.31	415.11	417.49	2.36	ppb
Beryllium	9-1	0.04	0.04	0.07	0.05	38.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				86		%
Boron	10-1	117.03	128.56	122.53	122.70	4.70	ppb
Boron	11-1	120.80	127.85	125.81	124.82	2.91	ppb
Cadmium	111-1	-0.08	-0.01	-0.14	-0.08		ppb
Cadmium	106-1	-1.43	-0.97	-2.41	-1.61		ppb
Cadmium	108-1	0.08	0.00	0.11	0.06	89.16	ppb
Calcium	43-1	79872.52	83900.27	82610.31	82127.70	2.50	ppb
Calcium	44-1	79028.05	83250.26	82062.73	81447.01	2.67	ppb
Chromium	52-2	1.46	1.35	1.30	1.37	6.21	ppb
Cobalt	59-2	2.08	1.91	2.03	2.01	4.58	ppb
Copper	63-2	20.53	19.68	19.92	20.04	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				88		%
Indium	115-1				95		%
Indium	115-2				81		%
Iron	56-2	9762.87	9492.61	9727.53	9661.00	1.52	ppb
Iron	57-2	9338.89	9203.17	9468.87	9336.98	1.42	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.26	0.29	0.28	4.50	ppb
Lead	207-1	0.25	0.24	0.29	0.26	11.23	ppb
Lead	208-1	0.26	0.27	0.28	0.27	3.58	ppb
Lithium	6-1				124		%
Magnesium	24-2	12219.57	12098.60	12402.13	12240.10	1.25	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:30:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1950.39	1913.09	1955.09	1939.52	1.19	ppb
Molybdenum	94-1	2.39	2.59	2.41	2.47	4.50	ppb
Molybdenum	95-1	2.71	2.81	2.95	2.82	4.14	ppb
Molybdenum	96-1	2.77	3.00	2.89	2.89	3.87	ppb
Molybdenum	97-1	2.74	2.78	2.78	2.77	0.88	ppb
Molybdenum	98-1	3.43	3.51	3.41	3.45	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.57	2.63	2.65	3.58	ppb
Phosphorus	31-2	40.74	4.32	40.93	28.66	73.56	ppb
Potassium	39-2	1914.15	1891.98	1972.67	1926.27	2.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				76		%
Selenium	77-2	-2.41	15.80	-2.41	3.66	287.01	ppb
Selenium	78-2	1.40	-1.56	-0.10	-0.09		ppb
Selenium	82-1	1.47	0.06	2.19	1.24	87.19	ppb
Silicon	28-1	10107.40	10601.32	10313.72	10340.81	2.40	ppb
Silver	109-1	0.32	0.31	0.29	0.31	4.61	ppb
Silver	107-1	0.27	0.30	0.29	0.29	6.69	ppb
Sodium	23-2	47882.61	47130.83	48751.50	47921.65	1.69	ppb
Strontium	86-1	557.91	578.51	575.13	570.52	1.94	ppb
Strontium	88-1	567.63	589.64	588.02	581.76	2.11	ppb
Sulfur	34-1	-1183.61	-731.75	-1043.49	-986.28		ppb
Terbium	159-1				98		%
Terbium	159-2				87		%
Thallium	203-1	0.06	0.07	0.07	0.07	9.44	ppb
Thallium	205-1	0.06	0.08	0.08	0.07	15.78	ppb
Tin	118-1	3.07	3.30	3.16	3.18	3.61	ppb
Titanium	47-1	0.68	1.05	0.94	0.89	21.41	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	17.20	ppb
Vanadium	51-2	0.47	0.41	0.43	0.44	7.19	ppb
Yttrium	89-1				93		%
Yttrium	89-2				80		%
Zinc	66-2	16.22	14.95	17.07	16.08	6.64	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:30:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.32	0.29	0.31	5.25	ppb
Zirconium	91-1	0.27	0.30	0.59	0.38	46.00	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.82	3.38	1.52	2.58	37.05	ppb
Antimony	121-1	0.98	1.16	1.09	1.08	8.16	ppb
Arsenic	75-2	11.84	11.65	12.42	11.97	3.33	ppb
Barium	135-1	316.76	337.59	313.61	322.65	4.04	ppb
Barium	137-1	318.14	341.01	316.00	325.05	4.27	ppb
Beryllium	9-1	0.06	0.06	0.01	0.05	60.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	157.75	170.37	164.80	164.31	3.85	ppb
Boron	11-1	163.25	173.08	166.18	167.50	3.01	ppb
Cadmium	111-1	-0.10	-0.03	-0.11	-0.08		ppb
Cadmium	106-1	-1.93	-0.92	-1.82	-1.56		ppb
Cadmium	108-1	0.11	0.00	0.21	0.11	98.74	ppb
Calcium	43-1	98182.62	104657.92	100841.41	101227.32	3.22	ppb
Calcium	44-1	96985.19	103346.50	98519.06	99616.92	3.33	ppb
Chromium	52-2	0.61	0.60	0.70	0.64	8.64	ppb
Cobalt	59-2	0.99	0.84	0.83	0.88	10.00	ppb
Copper	63-2	12.39	11.98	12.57	12.31	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	1831.16	1798.98	1832.48	1820.88	1.04	ppb
Iron	57-2	1832.92	1779.34	1845.77	1819.34	1.94	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.37	0.35	0.36	2.53	ppb
Lead	207-1	0.30	0.30	0.32	0.31	4.31	ppb
Lead	208-1	0.33	0.32	0.32	0.32	1.57	ppb
Lithium	6-1				122		%
Magnesium	24-2	12458.43	12170.39	12438.51	12355.78	1.30	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	557.10	550.32	556.88	554.76	0.69	ppb
Molybdenum	94-1	1.19	1.38	1.19	1.26	8.69	ppb
Molybdenum	95-1	1.43	1.48	1.46	1.46	1.69	ppb
Molybdenum	96-1	1.37	1.56	1.42	1.45	6.74	ppb
Molybdenum	97-1	1.50	1.56	1.58	1.55	2.75	ppb
Molybdenum	98-1	1.85	1.91	1.84	1.87	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.24	2.82	2.54	2.87	12.34	ppb
Phosphorus	31-2	36.49	-31.37	36.99	14.04	280.13	ppb
Potassium	39-2	2068.46	1947.33	2150.86	2055.55	4.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				81		%
Selenium	77-2	-2.41	-2.41	-2.41	-2.41		ppb
Selenium	78-2	-0.19	3.99	-0.18	1.21	199.83	ppb
Selenium	82-1	1.30	1.17	1.90	1.46	26.88	ppb
Silicon	28-1	8815.54	9434.64	8938.88	9063.02	3.62	ppb
Silver	109-1	0.17	0.18	0.14	0.16	14.34	ppb
Silver	107-1	0.17	0.19	0.14	0.17	14.73	ppb
Sodium	23-2	43585.88	42160.31	43471.45	43072.55	1.84	ppb
Strontium	86-1	597.94	629.38	598.92	608.75	2.94	ppb
Strontium	88-1	609.37	647.29	613.41	623.35	3.34	ppb
Sulfur	34-1	4799.77	6182.08	4742.52	5241.46	15.55	ppb
Terbium	159-1				102		%
Terbium	159-2				92		%
Thallium	203-1	0.05	0.04	0.03	0.04	29.69	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	6.94	ppb
Tin	118-1	1.43	1.72	1.52	1.55	9.45	ppb
Titanium	47-1	0.58	0.55	0.54	0.55	3.67	ppb
Uranium	238-1	1.26	1.29	1.27	1.27	1.08	ppb
Vanadium	51-2	2.91	2.85	3.20	2.98	6.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				85		%
Zinc	66-2	10.00	9.78	11.36	10.38	8.20	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.12	0.08	0.10	20.26	ppb
Zirconium	91-1	0.13	0.11	0.08	0.11	21.37	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51790.62	50451.21	51921.51	51387.78	1.58	ppb
Antimony	121-1	436.58	443.73	447.29	442.53	1.23	ppb
Arsenic	75-2	491.82	496.95	507.73	498.84	1.63	ppb
Barium	135-1	2484.87	2487.29	2477.23	2483.13	0.21	ppb
Barium	137-1	2467.48	2496.86	2504.81	2489.72	0.79	ppb
Beryllium	9-1	496.94	492.70	486.42	492.02	1.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	497.92	498.66	494.48	497.02	0.45	ppb
Boron	11-1	485.94	501.23	499.02	495.40	1.67	ppb
Cadmium	111-1	474.23	478.78	473.35	475.45	0.61	ppb
Cadmium	106-1	471.14	487.27	465.81	474.74	2.35	ppb
Cadmium	108-1	486.12	481.58	479.50	482.40	0.70	ppb
Calcium	43-1	238822.65	243150.44	242463.13	241478.74	0.96	ppb
Calcium	44-1	236754.92	241001.31	241368.45	239708.23	1.07	ppb
Chromium	52-2	522.11	513.31	521.55	518.99	0.95	ppb
Cobalt	59-2	515.58	502.81	515.61	511.33	1.44	ppb
Copper	63-2	1000.31	983.22	1008.73	997.42	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	131949.96	130067.24	133026.09	131681.09	1.14	ppb
Iron	57-2	129180.11	127510.79	129864.44	128851.78	0.94	ppb
Krypton	83-1						cps
Lead	206-1	515.40	516.75	520.37	517.51	0.50	ppb
Lead	207-1	516.17	518.11	515.10	516.46	0.30	ppb
Lead	208-1	513.70	516.26	518.89	516.28	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	248792.23	244916.41	250080.29	247929.64	1.08	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.99	994.47	1017.69	1005.38	1.16	ppb
Molybdenum	94-1	2531.24	2508.71	2546.72	2528.89	0.76	ppb
Molybdenum	95-1	2527.40	2518.29	2537.49	2527.73	0.38	ppb
Molybdenum	96-1	2531.48	2528.50	2554.04	2538.01	0.55	ppb
Molybdenum	97-1	2542.36	2553.20	2541.92	2545.83	0.25	ppb
Molybdenum	98-1	2533.88	2533.51	2534.63	2534.00	0.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.52	513.33	519.49	516.78	0.61	ppb
Phosphorus	31-2	10919.76	8962.05	9861.96	9914.59	9.88	ppb
Potassium	39-2	124681.44	121367.35	125021.01	123689.93	1.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	548.93	438.31	435.23	474.16	13.66	ppb
Selenium	78-2	503.15	451.46	495.60	483.40	5.78	ppb
Selenium	82-1	492.13	491.72	492.84	492.23	0.12	ppb
Silicon	28-1	539.81	543.12	553.44	545.46	1.30	ppb
Silver	109-1	496.32	489.64	483.57	489.84	1.30	ppb
Silver	107-1	484.82	491.13	488.20	488.05	0.65	ppb
Sodium	23-2	249498.03	243154.39	249476.05	247376.16	1.48	ppb
Strontium	86-1	489.52	493.39	494.96	492.62	0.57	ppb
Strontium	88-1	501.29	503.87	508.03	504.39	0.67	ppb
Sulfur	34-1	7928.42	8610.26	8441.21	8326.63	4.26	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	516.34	511.99	522.05	516.79	0.98	ppb
Thallium	205-1	507.23	508.46	516.38	510.69	0.97	ppb
Tin	118-1	491.22	504.93	488.72	494.96	1.76	ppb
Titanium	47-1	2538.95	2550.00	2591.43	2560.13	1.08	ppb
Uranium	238-1	514.14	520.94	524.26	519.78	0.99	ppb
Vanadium	51-2	511.02	501.37	510.24	507.54	1.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	986.65	978.91	1000.70	988.75	1.12	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.55	504.72	508.98	507.08	0.43	ppb
Zirconium	91-1	495.73	496.19	502.16	498.03	0.72	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:41:59	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.85	0.75	0.71	0.20	448.27	ppb
Antimony	121-1	0.62	0.64	0.69	0.65	5.13	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	60.65	ppb
Barium	135-1	0.00	0.07	0.08	0.05	83.53	ppb
Barium	137-1	0.04	0.04	0.00	0.03	77.07	ppb
Beryllium	9-1	0.23	0.21	0.14	0.19	24.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	15.91	13.05	13.44	14.13	10.98	ppb
Boron	11-1	14.70	14.98	14.08	14.59	3.18	ppb
Cadmium	111-1	-0.05	-0.03	0.10	0.00	1652.87	ppb
Cadmium	106-1	-1.11	-0.88	0.74	-0.42		ppb
Cadmium	108-1	0.10	0.03	0.11	0.08	52.03	ppb
Calcium	43-1	-3.78	7.16	0.47	1.29	428.79	ppb
Calcium	44-1	8.91	8.36	11.22	9.50	15.98	ppb
Chromium	52-2	0.00	0.10	0.04	0.05	102.45	ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.03		ppb
Copper	63-2	1.18	1.09	0.98	1.08	9.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	3.26	3.02	3.15	3.14	3.83	ppb
Iron	57-2	1.40	3.04	3.52	2.65	41.96	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	8.01	ppb
Lead	207-1	0.01	0.00	0.04	0.01	148.22	ppb
Lead	208-1	0.01	0.01	0.03	0.02	40.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.57	7.12	6.92	5.87	33.96	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:41:59	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.03	0.01	0.00		ppb
Molybdenum	94-1	0.56	0.53	0.59	0.56	5.76	ppb
Molybdenum	95-1	0.57	0.47	0.53	0.52	9.64	ppb
Molybdenum	96-1	0.65	0.53	0.56	0.58	10.85	ppb
Molybdenum	97-1	0.63	0.58	0.53	0.58	9.31	ppb
Molybdenum	98-1	0.63	0.47	0.53	0.54	14.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.02	-0.02		ppb
Phosphorus	31-2	-31.37	-31.37	-31.37	-31.37		ppb
Potassium	39-2	-21.76	20.68	0.61	-0.16		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	-2.41	-2.41	4.65	-0.05		ppb
Selenium	78-2	-0.38	-0.39	0.74	-0.01		ppb
Selenium	82-1	0.20	1.10	0.24	0.51	99.06	ppb
Silicon	28-1	-6.96	-8.64	-2.54	-6.04		ppb
Silver	109-1	0.08	0.07	0.08	0.07	6.30	ppb
Silver	107-1	0.09	0.07	0.06	0.07	19.95	ppb
Sodium	23-2	67.70	67.18	76.72	70.53	7.61	ppb
Strontium	86-1	0.00	0.01	0.03	0.01	114.30	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.91	ppb
Sulfur	34-1	-1861.29	-1870.96	-1225.08	-1652.44		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.02	0.02	25.01	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	22.10	ppb
Tin	118-1	0.27	0.23	0.25	0.25	9.01	ppb
Titanium	47-1	0.01	0.00	0.11	0.04	160.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	-0.01	0.01	200.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.75	0.40	0.52	0.55	32.27	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:41:59	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.16	0.14	12.61	ppb
Zirconium	91-1	0.09	0.12	0.15	0.12	28.00	ppb

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	13	10	12	12.37	cps
Antimony	121-1	250	217	208	225	9.80	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	58	8	42	36	70.51	cps
Barium	137-1	50	75	67	64	19.92	cps
Beryllium	9-1	94	133	117	115	16.99	cps
Bismuth	209-1	6809084	6940905	7022202	6924064	1.55	cps
Bismuth	209-2	1796233	1744113	1678811	1739719	3.38	cps
Boron	10-1	408	458	492	453	9.26	cps
Boron	11-1	2509	2317	2617	2481	6.13	cps
Cadmium	111-1	1261	1307	1251	1273	2.35	cps
Cadmium	106-1	1784	1834	1767	1795	1.93	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	550	600	433	528	16.21	cps
Calcium	44-1	14892	14900	15126	14973	0.89	cps
Chromium	52-2	283	273	310	289	6.56	cps
Cobalt	59-2	70	73	103	82	22.33	cps
Copper	63-2	913	837	953	901	6.58	cps
Dysprosium	156-1	0	0	42	14	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	10382956	10605857	10688630	10559148	1.50	cps
Holmium	165-2	2117077	2144465	2092728	2118090	1.22	cps
Indium	115-1	7941473	8031261	8220222	8064319	1.76	cps
Indium	115-2	307175	302908	301063	303715	1.03	cps
Iron	56-2	928	906	844	893	4.84	cps
Iron	57-2	39	44	11	31	56.73	cps
Krypton	83-1	327	383	297	336	13.12	cps
Lead	206-1	389	417	361	389	7.14	cps
Lead	207-1	300	361	417	359	16.24	cps
Lead	208-1	1550	1561	1722	1611	5.98	cps
Lithium	6-1	1520143	1561009	1589385	1556846	2.24	cps
Magnesium	24-2	200	167	175	181	9.61	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	40	39	4.94	cps
Molybdenum	94-1	467	408	350	408	14.29	cps
Molybdenum	95-1	217	208	158	194	16.23	cps
Molybdenum	96-1	375	283	383	347	15.98	cps
Molybdenum	97-1	117	167	250	178	37.89	cps
Molybdenum	98-1	400	250	400	350	24.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	107	70	96	23.23	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2042	1942	2042	2009	2.87	cps
Rhodium	103-1	7396339	7599631	7687367	7561113	1.97	cps
Rhodium	103-2	1966452	1932721	1939257	1946143	0.92	cps
Scandium	45-1	4651647	4752066	4889908	4764541	2.51	cps
Scandium	45-2	33403	32929	32301	32878	1.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	44	-111	55	-4	-2386.73	cps
Silicon	28-1	319473	318336	321880	319896	0.57	cps
Silver	109-1	0	50	58	36	87.37	cps
Silver	107-1	58	125	142	108	40.70	cps
Sodium	23-2	5076	5393	4701	5057	6.85	cps
Strontium	86-1	558	425	517	500	13.64	cps
Strontium	88-1	200	108	150	153	30.04	cps
Sulfur	34-1	378699	382891	381545	381045	0.56	cps
Terbium	159-1	10605848	10829874	11049749	10828490	2.05	cps
Terbium	159-2	2061315	2006244	2010928	2026163	1.51	cps
Thallium	203-1	342	333	275	317	11.47	cps
Thallium	205-1	725	683	683	697	3.45	cps
Tin	118-1	1375	1100	1158	1211	11.96	cps
Titanium	47-1	83	150	133	122	28.39	cps
Uranium	238-1	183	225	150	186	20.19	cps
Vanadium	51-2	0	7	13	7	99.98	cps
Yttrium	89-1	8131911	8279079	8398949	8269980	1.62	cps
Yttrium	89-2	226419	223107	223237	224255	0.84	cps
Zinc	66-2	53	47	57	52	9.75	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:06:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	733	800	714	13.63	cps
Zirconium	91-1	175	200	167	181	9.61	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:14:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	110	108	98	18.39	cps
Antimony	121-1	14742	14734	15418	14965	2.62	cps
Arsenic	75-2	76	67	57	67	13.89	cps
Barium	135-1	15677	16261	15435	15791	2.69	cps
Barium	137-1	27588	28348	27764	27900	1.43	cps
Beryllium	9-1	1122	1195	1178	1165	3.25	cps
Bismuth	209-1	7259877	7251987	7197613	7236493	0.47	cps
Bismuth	209-2	1816383	1790979	1817686	1808349	0.83	cps
Boron	10-1	3542	3451	3917	3637	6.80	cps
Boron	11-1	15818	16410	16419	16215	2.12	cps
Cadmium	111-1	2956	2832	3052	2946	3.75	cps
Cadmium	106-1	2092	1934	1984	2003	4.04	cps
Cadmium	108-1	138	163	100	133	23.59	cps
Calcium	43-1	8536	8420	8803	8586	2.29	cps
Calcium	44-1	145211	144267	146086	145188	0.63	cps
Chromium	52-2	1477	1537	1627	1547	4.88	cps
Cobalt	59-2	1323	1597	1327	1416	11.08	cps
Copper	63-2	3247	3187	3230	3222	0.96	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	50	75	44	75.78	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	33	67	83	61	41.67	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	11024745	10870951	10838864	10911520	0.91	cps
Holmium	165-2	2122130	2119431	2128377	2123313	0.22	cps
Indium	115-1	8434556	8256626	8374620	8355267	1.08	cps
Indium	115-2	309666	310939	307700	309435	0.53	cps
Iron	56-2	22051	22012	22541	22201	1.33	cps
Iron	57-2	572	567	539	559	3.19	cps
Krypton	83-1	350	310	387	349	10.99	cps
Lead	206-1	5779	5546	5535	5620	2.46	cps
Lead	207-1	4690	4896	5073	4886	3.93	cps
Lead	208-1	22464	22358	22636	22486	0.62	cps
Lithium	6-1	1597223	1591246	1606263	1598244	0.47	cps
Magnesium	24-2	11589	11880	11764	11744	1.25	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:14:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	227	187	217	12.21	cps
Molybdenum	94-1	12648	12590	12656	12631	0.29	cps
Molybdenum	95-1	15309	15559	15785	15551	1.53	cps
Molybdenum	96-1	17562	16878	17287	17242	2.00	cps
Molybdenum	97-1	9329	9670	10021	9673	3.58	cps
Molybdenum	98-1	24849	24490	24507	24615	0.82	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	447	450	507	19.94	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	7511	7352	8203	7689	5.88	cps
Rhodium	103-1	7797356	7704309	7813437	7771701	0.76	cps
Rhodium	103-2	1962999	1975306	1971412	1969906	0.32	cps
Scandium	45-1	4947096	4897281	4913920	4919432	0.52	cps
Scandium	45-2	33340	33497	32768	33202	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	19	11	14	27.17	cps
Selenium	82-1	490	522	424	479	10.39	cps
Silicon	28-1	370603	368506	370526	369878	0.32	cps
Silver	109-1	7394	7211	7411	7338	1.51	cps
Silver	107-1	8311	8211	8378	8300	1.01	cps
Sodium	23-2	30634	30709	31110	30818	0.83	cps
Strontium	86-1	2642	2434	2609	2561	4.37	cps
Strontium	88-1	17370	16894	17462	17242	1.77	cps
Sulfur	34-1	388385	384472	388507	387121	0.59	cps
Terbium	159-1	11274294	11093114	11215043	11194150	0.83	cps
Terbium	159-2	2034111	2037299	2042256	2037889	0.20	cps
Thallium	203-1	6810	6285	6168	6421	5.33	cps
Thallium	205-1	15735	15452	15343	15510	1.31	cps
Tin	118-1	26569	26953	27195	26906	1.17	cps
Titanium	47-1	4451	4376	4134	4320	3.83	cps
Uranium	238-1	20142	19650	20835	20209	2.95	cps
Vanadium	51-2	2177	2300	2597	2358	9.16	cps
Yttrium	89-1	8632962	8397443	8661727	8564044	1.69	cps
Yttrium	89-2	228869	227385	227851	228035	0.33	cps
Zinc	66-2	263	263	360	296	18.88	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10671	11397	10972	11013	3.31	cps
Zirconium	91-1	2292	2559	2459	2436	5.53	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:18:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4720	4837	4657	4738	1.93	cps
Antimony	121-1	384228	384516	387459	385401	0.46	cps
Arsenic	75-2	3730	3799	3799	3776	1.05	cps
Barium	135-1	410322	407198	408908	408810	0.38	cps
Barium	137-1	716969	716875	709742	714529	0.58	cps
Beryllium	9-1	55479	55245	55078	55267	0.36	cps
Bismuth	209-1	7089282	7110268	7172913	7124154	0.61	cps
Bismuth	209-2	1743617	1768165	1756993	1756258	0.70	cps
Boron	10-1	6560	6610	6677	6616	0.88	cps
Boron	11-1	31001	31586	32020	31536	1.62	cps
Cadmium	111-1	83247	83608	84454	83770	0.74	cps
Cadmium	106-1	11013	11013	10263	10763	4.03	cps
Cadmium	108-1	6168	6156	5760	6028	3.85	cps
Calcium	43-1	84219	85073	81922	83738	1.95	cps
Calcium	44-1	1411889	1388701	1399912	1400167	0.83	cps
Chromium	52-2	31265	31653	31489	31469	0.62	cps
Cobalt	59-2	68980	69207	68343	68843	0.65	cps
Copper	63-2	119629	119586	119777	119664	0.08	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	50	0	33	86.60	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	42	58	56	22.91	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	10649026	10933826	10899181	10827344	1.44	cps
Holmium	165-2	2127424	2135118	2093500	2118680	1.05	cps
Indium	115-1	8182374	8206856	8232767	8207332	0.31	cps
Indium	115-2	308574	309726	303521	307274	1.07	cps
Iron	56-2	1053449	1041653	1045934	1047012	0.57	cps
Iron	57-2	26325	26732	26381	26479	0.83	cps
Krypton	83-1	250	323	363	312	18.41	cps
Lead	206-1	256481	258141	261966	258863	1.09	cps
Lead	207-1	235608	235360	236045	235671	0.15	cps
Lead	208-1	1054986	1053514	1059916	1056139	0.32	cps
Lithium	6-1	1581119	1576911	1588390	1582140	0.37	cps
Magnesium	24-2	122088	120549	122029	121555	0.72	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17117	17601	17114	17278	1.62	cps
Molybdenum	94-1	635776	642320	637861	638652	0.52	cps
Molybdenum	95-1	776251	783811	781313	780459	0.49	cps
Molybdenum	96-1	871811	874613	866595	871007	0.47	cps
Molybdenum	97-1	487680	490099	489198	488992	0.25	cps
Molybdenum	98-1	1253747	1254600	1257680	1255342	0.16	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20455	20739	20345	20513	0.99	cps
Phosphorus	31-2	308	325	383	339	11.62	cps
Potassium	39-2	31628	31561	31202	31464	0.73	cps
Rhodium	103-1	7564717	7678246	7730413	7657792	1.11	cps
Rhodium	103-2	1942782	1937661	1901024	1927156	1.18	cps
Scandium	45-1	4822661	4833799	4933249	4863236	1.25	cps
Scandium	45-2	31983	33062	33340	32795	2.19	cps
Selenium	77-2	7	33	30	23	62.26	cps
Selenium	78-2	83	78	74	78	5.94	cps
Selenium	82-1	5277	5162	5177	5205	1.20	cps
Silicon	28-1	510545	511856	509869	510757	0.20	cps
Silver	109-1	387332	385868	388522	387241	0.34	cps
Silver	107-1	406531	407738	405498	406589	0.28	cps
Sodium	23-2	272444	278474	275990	275636	1.10	cps
Strontium	86-1	98873	100257	99846	99659	0.71	cps
Strontium	88-1	860932	863500	858102	860845	0.31	cps
Sulfur	34-1	411039	410370	410565	410658	0.08	cps
Terbium	159-1	10890627	11085579	11186407	11054204	1.36	cps
Terbium	159-2	2017973	2037457	2015040	2023490	0.60	cps
Thallium	203-1	320417	317380	319089	318962	0.48	cps
Thallium	205-1	761357	760052	761772	761060	0.12	cps
Tin	118-1	264125	266174	261640	263980	0.86	cps
Titanium	47-1	210777	209317	209603	209899	0.37	cps
Uranium	238-1	1027914	1020729	1028477	1025706	0.42	cps
Vanadium	51-2	23089	23053	23457	23199	0.96	cps
Yttrium	89-1	8375064	8547907	8443344	8455438	1.03	cps
Yttrium	89-2	227631	228723	223763	226706	1.15	cps
Zinc	66-2	10074	10374	10541	10330	2.29	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:18:18	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	529540	538784	536685	535003	0.91	cps
Zirconium	91-1	115747	118067	119076	117630	1.45	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:22:03	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11713	12178	11876	11922	1.98	cps
Antimony	121-1	993374	994997	992649	993673	0.12	cps
Arsenic	75-2	9418	9383	9568	9456	1.04	cps
Barium	135-1	1039781	1040264	1030368	1036804	0.54	cps
Barium	137-1	1858865	1832289	1831705	1840953	0.84	cps
Beryllium	9-1	139361	139638	140367	139789	0.37	cps
Bismuth	209-1	7250773	7227287	7257737	7245266	0.22	cps
Bismuth	209-2	1792636	1690727	1718144	1733836	3.04	cps
Boron	10-1	16635	16619	16544	16599	0.29	cps
Boron	11-1	76145	76915	77342	76800	0.79	cps
Cadmium	111-1	211528	211201	211889	211539	0.16	cps
Cadmium	106-1	23897	24957	23430	24095	3.25	cps
Cadmium	108-1	14792	15200	15113	15035	1.43	cps
Calcium	43-1	215444	217298	214888	215876	0.58	cps
Calcium	44-1	3540071	3520381	3515590	3525347	0.37	cps
Chromium	52-2	78871	79454	79393	79239	0.40	cps
Cobalt	59-2	175405	173623	173373	174133	0.64	cps
Copper	63-2	299483	301208	301832	300841	0.40	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	67	44	43.30	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	83	42	75	67	33.07	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	11063139	11074647	10965750	11034512	0.54	cps
Holmium	165-2	2173557	2060853	2142535	2125648	2.74	cps
Indium	115-1	8357687	8302304	8358066	8339352	0.38	cps
Indium	115-2	311297	295927	307328	304851	2.62	cps
Iron	56-2	2690219	2685168	2706592	2693993	0.42	cps
Iron	57-2	66531	66866	66163	66520	0.53	cps
Krypton	83-1	427	340	337	368	13.87	cps
Lead	206-1	656792	655686	653677	655385	0.24	cps
Lead	207-1	593311	593589	594073	593658	0.06	cps
Lead	208-1	2678976	2672323	2686424	2679241	0.26	cps
Lithium	6-1	1587579	1607781	1604834	1600065	0.68	cps
Magnesium	24-2	307980	310960	303873	307604	1.16	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43832	43812	43825	43823	0.02	cps
Molybdenum	94-1	1638969	1631349	1646524	1638947	0.46	cps
Molybdenum	95-1	2018003	1997579	2042619	2019400	1.12	cps
Molybdenum	96-1	2228663	2244344	2257106	2243371	0.64	cps
Molybdenum	97-1	1236672	1250214	1257259	1248049	0.84	cps
Molybdenum	98-1	3209563	3238294	3185332	3211063	0.83	cps
Neodymium	150-1	40	40	67	49	31.50	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	52308	51150	51331	51596	1.21	cps
Phosphorus	31-2	792	817	783	797	2.18	cps
Potassium	39-2	75478	76407	75150	75678	0.86	cps
Rhodium	103-1	7800773	7745003	7703843	7749873	0.63	cps
Rhodium	103-2	1958597	1841382	1935135	1911705	3.24	cps
Scandium	45-1	4922931	4958781	4880778	4920830	0.79	cps
Scandium	45-2	33493	31853	32391	32579	2.57	cps
Selenium	77-2	70	57	27	51	43.42	cps
Selenium	78-2	231	219	189	213	10.25	cps
Selenium	82-1	12790	12791	12851	12811	0.27	cps
Silicon	28-1	804084	804559	808999	805881	0.34	cps
Silver	109-1	971758	982498	987295	980517	0.81	cps
Silver	107-1	1026661	1022744	1027995	1025800	0.27	cps
Sodium	23-2	692725	691250	690310	691428	0.18	cps
Strontium	86-1	250950	252256	253571	252259	0.52	cps
Strontium	88-1	2188871	2179804	2207591	2192088	0.65	cps
Sulfur	34-1	443512	447259	445372	445381	0.42	cps
Terbium	159-1	11238555	11282456	11155198	11225403	0.58	cps
Terbium	159-2	2046534	1957469	2026727	2010243	2.33	cps
Thallium	203-1	810230	815705	813837	813257	0.34	cps
Thallium	205-1	1958478	1977861	1959641	1965327	0.55	cps
Tin	118-1	671724	672584	680498	674935	0.72	cps
Titanium	47-1	531751	534088	528011	531283	0.58	cps
Uranium	238-1	2659658	2689719	2658441	2669272	0.66	cps
Vanadium	51-2	58820	59503	59171	59164	0.58	cps
Yttrium	89-1	8541541	8593417	8539266	8558075	0.36	cps
Yttrium	89-2	229824	218593	228168	225528	2.69	cps
Zinc	66-2	25828	25808	26208	25948	0.87	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:22:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1345849	1357731	1367601	1357060	0.80	cps
Zirconium	91-1	300901	298673	306595	302056	1.35	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23798	23846	23663	23769	0.40	cps
Antimony	121-1	2000427	1975205	1995723	1990452	0.67	cps
Arsenic	75-2	18344	18362	18388	18365	0.12	cps
Barium	135-1	2045870	2087584	2095560	2076338	1.29	cps
Barium	137-1	3594279	3629818	3658251	3627449	0.88	cps
Beryllium	9-1	277808	274143	274923	275625	0.70	cps
Bismuth	209-1	7365271	7351156	7191158	7302528	1.32	cps
Bismuth	209-2	1671746	1605911	1782220	1686625	5.28	cps
Boron	10-1	31410	32170	33197	32259	2.78	cps
Boron	11-1	146761	150481	153834	150359	2.35	cps
Cadmium	111-1	415046	416627	418900	416858	0.46	cps
Cadmium	106-1	46197	45352	46548	46032	1.33	cps
Cadmium	108-1	29833	29278	29411	29508	0.98	cps
Calcium	43-1	423040	425532	421748	423440	0.45	cps
Calcium	44-1	6796951	6826028	6809297	6810759	0.21	cps
Chromium	52-2	157244	155812	156995	156684	0.49	cps
Cobalt	59-2	342292	341686	340696	341558	0.24	cps
Copper	63-2	589157	593149	586169	589491	0.59	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	108	92	100	100	8.33	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	11231555	11188451	11035303	11151770	0.92	cps
Holmium	165-2	2066563	2037318	2158369	2087417	3.03	cps
Indium	115-1	8492033	8453886	8368954	8438291	0.75	cps
Indium	115-2	291004	293668	306345	297006	2.76	cps
Iron	56-2	5259489	5258474	5237323	5251762	0.24	cps
Iron	57-2	131766	132226	129844	131279	0.96	cps
Krypton	83-1	290	290	333	304	8.22	cps
Lead	206-1	1302791	1300838	1308070	1303900	0.29	cps
Lead	207-1	1169820	1181526	1180118	1177155	0.54	cps
Lead	208-1	5358288	5410954	5413231	5394158	0.58	cps
Lithium	6-1	1656595	1628492	1596959	1627349	1.83	cps
Magnesium	24-2	605375	600671	599240	601762	0.53	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	86626	86231	85208	86022	0.85	cps
Molybdenum	94-1	3238469	3248586	3232715	3239923	0.25	cps
Molybdenum	95-1	3965994	3993852	3942976	3967607	0.64	cps
Molybdenum	96-1	4372973	4360644	4410115	4381244	0.59	cps
Molybdenum	97-1	2508893	2519278	2519783	2515985	0.24	cps
Molybdenum	98-1	6288342	6329400	6321050	6312931	0.34	cps
Neodymium	150-1	87	80	93	87	7.70	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	100298	99955	99747	100000	0.28	cps
Phosphorus	31-2	1408	1542	1367	1439	6.35	cps
Potassium	39-2	147355	145411	145276	146014	0.80	cps
Rhodium	103-1	7887949	7805650	7655362	7782987	1.52	cps
Rhodium	103-2	1817885	1835719	1926681	1860095	3.14	cps
Scandium	45-1	5010475	5104220	4873800	4996165	2.32	cps
Scandium	45-2	31910	31312	33637	32286	3.74	cps
Selenium	77-2	120	120	103	114	8.40	cps
Selenium	78-2	369	456	441	422	11.05	cps
Selenium	82-1	25550	25339	25549	25479	0.48	cps
Silicon	28-1	1169357	1163246	1146868	1159824	1.00	cps
Silver	109-1	1928775	1957740	1969460	1951992	1.07	cps
Silver	107-1	2038362	2058356	2053040	2049919	0.51	cps
Sodium	23-2	1394351	1387231	1377996	1386526	0.59	cps
Strontium	86-1	492035	496518	496637	495063	0.53	cps
Strontium	88-1	4297341	4279346	4308814	4295167	0.35	cps
Sulfur	34-1	504257	502168	505738	504054	0.36	cps
Terbium	159-1	11607639	11528141	11330810	11488863	1.24	cps
Terbium	159-2	1941886	1930850	2079735	1984157	4.18	cps
Thallium	203-1	1618455	1609902	1611779	1613379	0.28	cps
Thallium	205-1	3878174	3899910	3889487	3889190	0.28	cps
Tin	118-1	1327627	1330366	1347239	1335077	0.80	cps
Titanium	47-1	1041612	1062938	1051120	1051890	1.02	cps
Uranium	238-1	5255409	5313684	5202987	5257360	1.05	cps
Vanadium	51-2	115915	115373	114685	115324	0.53	cps
Yttrium	89-1	8746849	8774286	8660789	8727308	0.68	cps
Yttrium	89-2	217102	217203	227787	220697	2.78	cps
Zinc	66-2	51187	50716	51097	51000	0.49	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:25:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2749975	2719905	2746651	2738844	0.60	cps
Zirconium	91-1	596877	595462	596442	596260	0.12	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47012	47784	47094	47297	0.90	cps
Antimony	121-1	4022588	3988358	3960651	3990532	0.78	cps
Arsenic	75-2	36361	36650	35696	36236	1.35	cps
Barium	135-1	4154671	4176384	4153362	4161472	0.31	cps
Barium	137-1	7145320	7188399	7275859	7203192	0.92	cps
Beryllium	9-1	543935	545498	548324	545919	0.41	cps
Bismuth	209-1	7253376	7251953	7176003	7227110	0.61	cps
Bismuth	209-2	1774724	1672487	1705462	1717558	3.04	cps
Boron	10-1	62595	64973	65090	64219	2.19	cps
Boron	11-1	295944	300955	310004	302301	2.36	cps
Cadmium	111-1	826879	819667	823887	823478	0.44	cps
Cadmium	106-1	89404	87676	87433	88171	1.22	cps
Cadmium	108-1	59581	58874	60184	59546	1.10	cps
Calcium	43-1	845773	845225	850052	847017	0.31	cps
Calcium	44-1	13713717	13785522	13648714	13715985	0.50	cps
Chromium	52-2	322659	322024	320863	321848	0.28	cps
Cobalt	59-2	680062	682685	682714	681820	0.22	cps
Copper	63-2	1168024	1180507	1166615	1171715	0.65	cps
Dysprosium	156-1	33	67	92	64	45.81	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	50	33	53	39.74	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	83	25	17	42	87.18	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	11208451	11269818	11188877	11222382	0.38	cps
Holmium	165-2	2187954	2067795	2147324	2134358	2.86	cps
Indium	115-1	8499312	8454557	8321445	8425105	1.10	cps
Indium	115-2	301138	287396	304368	297634	3.03	cps
Iron	56-2	10351376	10423216	10331697	10368763	0.46	cps
Iron	57-2	265072	262099	265012	264061	0.64	cps
Krypton	83-1	307	340	363	337	8.46	cps
Lead	206-1	2624966	2629841	2660899	2638569	0.74	cps
Lead	207-1	2435251	2399146	2438369	2424255	0.90	cps
Lead	208-1	10798812	10776800	10875590	10817067	0.48	cps
Lithium	6-1	1618796	1622637	1573913	1605115	1.69	cps
Magnesium	24-2	1219792	1225190	1211522	1218835	0.56	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171255	171643	170819	171239	0.24	cps
Molybdenum	94-1	6445605	6501681	6387206	6444830	0.89	cps
Molybdenum	95-1	7830042	7890291	7826734	7849023	0.46	cps
Molybdenum	96-1	8862231	8824448	8803518	8830066	0.34	cps
Molybdenum	97-1	5001917	5057315	5054999	5038077	0.62	cps
Molybdenum	98-1	12594771	12652045	12596238	12614351	0.26	cps
Neodymium	150-1	207	240	153	200	21.86	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	203807	204004	204620	204144	0.21	cps
Phosphorus	31-2	3101	3084	3184	3123	1.72	cps
Potassium	39-2	292013	287881	292236	290710	0.84	cps
Rhodium	103-1	7713152	7724345	7555833	7664443	1.23	cps
Rhodium	103-2	1931608	1816591	1919297	1889165	3.34	cps
Scandium	45-1	4993605	5071044	4920121	4994923	1.51	cps
Scandium	45-2	33787	31720	33757	33088	3.58	cps
Selenium	77-2	237	200	260	232	13.02	cps
Selenium	78-2	783	817	856	819	4.42	cps
Selenium	82-1	50469	50599	51043	50704	0.59	cps
Silicon	28-1	1924167	1941787	1965775	1943909	1.07	cps
Silver	109-1	3875400	3905400	3881202	3887334	0.41	cps
Silver	107-1	4071665	4012987	4075425	4053359	0.86	cps
Sodium	23-2	2723973	2719674	2719645	2721097	0.09	cps
Strontium	86-1	992598	995846	989915	992787	0.30	cps
Strontium	88-1	8517474	8549616	8541503	8536198	0.20	cps
Sulfur	34-1	628487	626780	627096	627454	0.14	cps
Terbium	159-1	11575306	11596256	11388872	11520145	0.99	cps
Terbium	159-2	2055756	1973885	2061155	2030265	2.41	cps
Thallium	203-1	3248154	3267559	3260892	3258868	0.30	cps
Thallium	205-1	7709639	7647682	7627966	7661762	0.56	cps
Tin	118-1	2717862	2690623	2718914	2709133	0.59	cps
Titanium	47-1	2131751	2126316	2148488	2135519	0.54	cps
Uranium	238-1	10414537	10470024	10421486	10435349	0.29	cps
Vanadium	51-2	231748	231044	230721	231171	0.23	cps
Yttrium	89-1	8757619	8753050	8544822	8685163	1.40	cps
Yttrium	89-2	229312	217297	229733	225447	3.13	cps
Zinc	66-2	102088	102821	100833	101914	0.99	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:29:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5408942	5402515	5408068	5406509	0.06	cps
Zirconium	91-1	1204922	1209618	1200919	1205153	0.36	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94612	92603	92918	93378	1.16	cps
Antimony	121-1	7952494	7834039	7839669	7875401	0.85	cps
Arsenic	75-2	72975	72682	72984	72880	0.24	cps
Barium	135-1	8337240	8272018	8222587	8277282	0.69	cps
Barium	137-1	14411012	14334005	14278991	14341336	0.46	cps
Beryllium	9-1	1102192	1097499	1093576	1097756	0.39	cps
Bismuth	209-1	7232239	7194073	7241378	7222564	0.35	cps
Bismuth	209-2	1656161	1667679	1804624	1709488	4.83	cps
Boron	10-1	127152	128799	132699	129550	2.20	cps
Boron	11-1	595540	607123	616089	606251	1.70	cps
Cadmium	111-1	1643890	1652315	1642835	1646347	0.32	cps
Cadmium	106-1	172886	175194	173614	173898	0.68	cps
Cadmium	108-1	117661	116898	118137	117565	0.53	cps
Calcium	43-1	1735650	1706217	1718571	1720146	0.86	cps
Calcium	44-1	27607405	27448608	27577963	27544659	0.31	cps
Chromium	52-2	621970	615679	616004	617884	0.57	cps
Cobalt	59-2	1337886	1339490	1336700	1338025	0.10	cps
Copper	63-2	2316301	2309741	2300704	2308915	0.34	cps
Dysprosium	156-1	92	100	167	119	34.42	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	67	75	142	94	43.53	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	11311840	11334529	11408169	11351512	0.44	cps
Holmium	165-2	2072595	2190190	2214332	2159039	3.51	cps
Indium	115-1	8356954	8338950	8328505	8341470	0.17	cps
Indium	115-2	281977	295492	304413	293960	3.84	cps
Iron	56-2	20377905	20554155	20597296	20509785	0.57	cps
Iron	57-2	516197	517794	515606	516532	0.22	cps
Krypton	83-1	333	353	397	361	8.97	cps
Lead	206-1	5204621	5240794	5243181	5229532	0.41	cps
Lead	207-1	4775843	4775199	4790833	4780625	0.19	cps
Lead	208-1	21300457	21487894	21361780	21383377	0.45	cps
Lithium	6-1	1605497	1601103	1626368	1610989	0.84	cps
Magnesium	24-2	2415088	2408313	2399862	2407755	0.32	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	338815	338882	336953	338216	0.32	cps
Molybdenum	94-1	12816746	12900151	13001379	12906092	0.72	cps
Molybdenum	95-1	15702567	15841558	15885464	15809863	0.60	cps
Molybdenum	96-1	17478697	17555873	17709448	17581339	0.67	cps
Molybdenum	97-1	9937746	10006488	10023990	9989408	0.46	cps
Molybdenum	98-1	25108213	25440439	25435683	25328112	0.75	cps
Neodymium	150-1	287	393	407	362	18.16	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	392675	390174	390606	391152	0.34	cps
Phosphorus	31-2	6252	6235	6152	6213	0.86	cps
Potassium	39-2	578641	579644	574076	577454	0.51	cps
Rhodium	103-1	7668171	7613105	7763579	7681618	0.99	cps
Rhodium	103-2	1809043	1895097	1919783	1874641	3.10	cps
Scandium	45-1	5030625	4981681	5009176	5007161	0.49	cps
Scandium	45-2	32140	33517	34673	33443	3.79	cps
Selenium	77-2	457	470	483	470	2.84	cps
Selenium	78-2	1570	1569	1556	1565	0.52	cps
Selenium	82-1	101168	100660	101378	101069	0.37	cps
Silicon	28-1	3375823	3340820	3339969	3352204	0.61	cps
Silver	109-1	7565084	7582176	7560727	7569329	0.15	cps
Silver	107-1	7899986	7867525	7897728	7888413	0.23	cps
Sodium	23-2	5372039	5375711	5299872	5349207	0.80	cps
Strontium	86-1	2027799	2022307	2026958	2025688	0.15	cps
Strontium	88-1	17033835	17127945	16998392	17053390	0.39	cps
Sulfur	34-1	885134	880654	885062	883617	0.29	cps
Terbium	159-1	11524271	11629649	11699591	11617837	0.76	cps
Terbium	159-2	1940672	2043588	2093606	2025955	3.85	cps
Thallium	203-1	6395754	6402831	6472302	6423629	0.66	cps
Thallium	205-1	15144552	15277598	15284430	15235527	0.52	cps
Tin	118-1	5409728	5327278	5319926	5352310	0.93	cps
Titanium	47-1	4268879	4204836	4213453	4229056	0.82	cps
Uranium	238-1	21034204	21013293	21135717	21061071	0.31	cps
Vanadium	51-2	460892	460700	459204	460265	0.20	cps
Yttrium	89-1	8642189	8797554	8701154	8713632	0.90	cps
Yttrium	89-2	217022	227401	232373	225599	3.47	cps
Zinc	66-2	198103	197470	197433	197668	0.19	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:32:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10749790	10718395	10788641	10752275	0.33	cps
Zirconium	91-1	2432524	2438862	2469007	2446798	0.80	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	480167	489386	485095	484883	0.95	cps
Antimony	121-1	21994	19882	20442	20773	5.27	cps
Arsenic	75-2	124	131	141	132	6.32	cps
Barium	135-1	1634	1483	1458	1525	6.21	cps
Barium	137-1	2842	2450	2475	2589	8.47	cps
Beryllium	9-1	772	778	822	791	3.47	cps
Bismuth	209-1	6741010	6662688	6353057	6585585	3.12	cps
Bismuth	209-2	1574445	1601950	1617106	1597834	1.35	cps
Boron	10-1	6827	6377	5910	6371	7.20	cps
Boron	11-1	33465	30951	28271	30895	8.41	cps
Cadmium	111-1	1684	1619	1446	1583	7.77	cps
Cadmium	106-1	1942	1734	1584	1753	10.27	cps
Cadmium	108-1	42	75	71	63	29.06	cps
Calcium	43-1	8430606	8450847	8466607	8449353	0.21	cps
Calcium	44-1	137536178	137956782	138863999	138118986	0.49	cps
Chromium	52-2	24518	25530	24946	24998	2.03	cps
Cobalt	59-2	15956	16517	16263	16245	1.73	cps
Copper	63-2	5978	6218	6248	6148	2.41	cps
Dysprosium	156-1	58	133	83	92	41.66	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	17	0	7	8	107.84	cps
Gadolinium	160-1	92	58	100	83	26.45	cps
Gadolinium	160-2	10	27	17	18	47.19	cps
Holmium	165-1	10960919	10942198	10325406	10742841	3.37	cps
Holmium	165-2	2138215	2160684	2178401	2159100	0.93	cps
Indium	115-1	7980856	7964153	7680299	7875103	2.14	cps
Indium	115-2	295932	302631	302089	300217	1.24	cps
Iron	56-2	100385766	101661741	101353908	101133805	0.66	cps
Iron	57-2	2587909	2588567	2595975	2590817	0.17	cps
Krypton	83-1	260	317	323	300	11.60	cps
Lead	206-1	32687	32297	32141	32375	0.87	cps
Lead	207-1	26673	27491	27074	27079	1.51	cps
Lead	208-1	126967	126922	125588	126492	0.62	cps
Lithium	6-1	1572209	1586106	1530800	1563038	1.84	cps
Magnesium	24-2	11949792	12034175	12018601	12000856	0.37	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1653	1700	1600	1651	3.03	cps
Molybdenum	94-1	17295	16528	16995	16939	2.28	cps
Molybdenum	95-1	26994	26135	27470	26866	2.52	cps
Molybdenum	96-1	31663	31329	30285	31092	2.31	cps
Molybdenum	97-1	17662	17145	17145	17317	1.72	cps
Molybdenum	98-1	45060	44892	43186	44379	2.34	cps
Neodymium	150-1	100	87	73	87	15.38	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	12983	13046	13303	13111	1.29	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	2963965	2953975	2954808	2957583	0.19	cps
Rhodium	103-1	7198482	7155769	6867277	7073843	2.55	cps
Rhodium	103-2	1791943	1841664	1816301	1816636	1.37	cps
Scandium	45-1	4993528	4946549	4726900	4888992	2.91	cps
Scandium	45-2	33721	33874	34285	33960	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	138	69	91	99	35.44	cps
Silicon	28-1	633101	649150	653622	645291	1.67	cps
Silver	109-1	883	750	817	817	8.16	cps
Silver	107-1	825	892	842	853	4.07	cps
Sodium	23-2	26625226	26918282	26874041	26805850	0.59	cps
Strontium	86-1	10221	10371	10338	10310	0.76	cps
Strontium	88-1	85635	84160	83506	84433	1.29	cps
Sulfur	34-1	370588	373952	375613	373384	0.69	cps
Terbium	159-1	11287515	11109449	10630824	11009262	3.08	cps
Terbium	159-2	2024343	2054720	2048585	2042549	0.79	cps
Thallium	203-1	4334	4318	3817	4156	7.07	cps
Thallium	205-1	10388	9913	9788	10029	3.16	cps
Tin	118-1	27345	26527	26736	26869	1.58	cps
Titanium	47-1	2384	2075	2359	2273	7.54	cps
Uranium	238-1	2517	2225	1750	2164	17.88	cps
Vanadium	51-2	183	167	190	180	6.68	cps
Yttrium	89-1	8563071	8496187	8171855	8410371	2.49	cps
Yttrium	89-2	228766	231115	232627	230836	0.84	cps
Zinc	66-2	1570	1710	1593	1625	4.62	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:36:08	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3367	3217	2917	3167	7.24	cps
Zirconium	91-1	767	767	650	728	9.26	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2631	2573	2496	2567	2.64	cps
Antimony	121-1	1569542	1583232	1550262	1567679	1.06	cps
Arsenic	75-2	15518	14817	15262	15199	2.33	cps
Barium	135-1	165567	167092	164443	165701	0.80	cps
Barium	137-1	288166	286548	287268	287328	0.28	cps
Beryllium	9-1	114474	114383	113617	114158	0.41	cps
Bismuth	209-1	7103326	7134389	7127355	7121690	0.23	cps
Bismuth	209-2	1819401	1785034	1825970	1810135	1.21	cps
Boron	10-1	65819	69494	70842	68718	3.78	cps
Boron	11-1	313957	323917	335229	324368	3.28	cps
Cadmium	111-1	171549	173274	172357	172393	0.50	cps
Cadmium	106-1	29399	30059	28773	29411	2.19	cps
Cadmium	108-1	16081	15789	15476	15782	1.92	cps
Calcium	43-1	38437	38220	37618	38092	1.11	cps
Calcium	44-1	606285	607198	606543	606676	0.08	cps
Chromium	52-2	64669	64742	64347	64586	0.33	cps
Cobalt	59-2	142500	143267	142978	142915	0.27	cps
Copper	63-2	124663	124444	125094	124734	0.26	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	50	50	61	31.50	cps
Erbium	164-2	7	27	3	12	103.26	cps
Gadolinium	160-1	67	108	58	78	34.44	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	10843060	10840022	10762776	10815286	0.42	cps
Holmium	165-2	2191911	2150641	2172494	2171682	0.95	cps
Indium	115-1	8339499	8302713	8252518	8298244	0.53	cps
Indium	115-2	316553	311931	314786	314423	0.74	cps
Iron	56-2	438190	434698	437105	436665	0.41	cps
Iron	57-2	10721	10966	11244	10977	2.38	cps
Krypton	83-1	360	350	303	338	8.95	cps
Lead	206-1	1046555	1052065	1046708	1048443	0.30	cps
Lead	207-1	909194	916972	918147	914771	0.53	cps
Lead	208-1	4249658	4299461	4249433	4266184	0.68	cps
Lithium	6-1	1642337	1648211	1646095	1645548	0.18	cps
Magnesium	24-2	30692	30166	30559	30472	0.90	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17655	17097	17264	17339	1.65	cps
Molybdenum	94-1	2871952	2905783	2945454	2907730	1.27	cps
Molybdenum	95-1	1774655	1756910	1773583	1768383	0.56	cps
Molybdenum	96-1	2227355	2224948	2231799	2228034	0.16	cps
Molybdenum	97-1	1086459	1079768	1086600	1084276	0.36	cps
Molybdenum	98-1	2831269	2817021	2793726	2814005	0.67	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	41840	41766	42214	41940	0.57	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	27010	26668	26543	26740	0.91	cps
Rhodium	103-1	7830947	7759241	7735901	7775363	0.64	cps
Rhodium	103-2	1975277	1963169	1988320	1975589	0.64	cps
Scandium	45-1	5063322	4996048	5035288	5031553	0.67	cps
Scandium	45-2	36066	34773	35428	35423	1.83	cps
Selenium	77-2	100	77	103	93	15.57	cps
Selenium	78-2	356	331	339	342	3.60	cps
Selenium	82-1	20573	20482	20875	20643	1.00	cps
Silicon	28-1	360914	361835	363256	362002	0.33	cps
Silver	109-1	709723	707426	707207	708119	0.20	cps
Silver	107-1	743430	742633	742366	742810	0.07	cps
Sodium	23-2	123969	121809	124937	123571	1.30	cps
Strontium	86-1	962693	963991	963604	963429	0.07	cps
Strontium	88-1	8333271	8256560	8282140	8290657	0.47	cps
Sulfur	34-1	388093	386059	384303	386152	0.49	cps
Terbium	159-1	11162408	11172083	11002405	11112298	0.86	cps
Terbium	159-2	2082190	2038196	2080413	2066933	1.20	cps
Thallium	203-1	1300029	1310396	1307078	1305834	0.41	cps
Thallium	205-1	3190268	3200349	3180073	3190230	0.32	cps
Tin	118-1	2599281	2592046	2540649	2577325	1.24	cps
Titanium	47-1	414254	407658	415983	412632	1.06	cps
Uranium	238-1	9691550	9637712	9658867	9662709	0.28	cps
Vanadium	51-2	47815	47226	47450	47497	0.63	cps
Yttrium	89-1	8601004	8567709	8697385	8622032	0.78	cps
Yttrium	89-2	235445	233073	233525	234014	0.54	cps
Zinc	66-2	21527	22001	21727	21752	1.09	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:42:32	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5222432	5157786	5141636	5173951	0.83	cps
Zirconium	91-1	1141477	1145676	1148304	1145152	0.30	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	88	103	92	10.33	cps
Antimony	121-1	13749	14225	14058	14011	1.72	cps
Arsenic	75-2	91	63	83	79	18.21	cps
Barium	135-1	13349	13549	14091	13663	2.81	cps
Barium	137-1	23714	23196	23730	23547	1.29	cps
Beryllium	9-1	1111	1206	1172	1163	4.12	cps
Bismuth	209-1	6893130	7210293	7057178	7053534	2.25	cps
Bismuth	209-2	1838528	1764122	1781603	1794751	2.17	cps
Boron	10-1	4126	4268	4026	4140	2.93	cps
Boron	11-1	18605	19664	19522	19264	2.99	cps
Cadmium	111-1	2737	2768	2607	2704	3.17	cps
Cadmium	106-1	2050	2075	1925	2017	3.98	cps
Cadmium	108-1	88	121	154	121	27.59	cps
Calcium	43-1	7761	7811	7586	7719	1.53	cps
Calcium	44-1	132765	131184	132194	132047	0.61	cps
Chromium	52-2	1483	1553	1377	1471	6.05	cps
Cobalt	59-2	1310	1277	1203	1263	4.32	cps
Copper	63-2	3044	2927	2770	2914	4.71	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	75	67	75	72	6.66	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	10401100	11006996	10839989	10749362	2.91	cps
Holmium	165-2	2202475	2083009	2166571	2150685	2.85	cps
Indium	115-1	8067807	8563469	8256581	8295952	3.02	cps
Indium	115-2	320209	308171	311542	313307	1.98	cps
Iron	56-2	20226	19097	20126	19816	3.15	cps
Iron	57-2	494	500	539	511	4.74	cps
Krypton	83-1	333	303	307	314	5.23	cps
Lead	206-1	5273	4890	4762	4975	5.35	cps
Lead	207-1	4457	4506	4445	4469	0.73	cps
Lead	208-1	20602	19996	20263	20287	1.50	cps
Lithium	6-1	1531013	1640021	1597365	1589466	3.46	cps
Magnesium	24-2	10613	11213	11038	10955	2.82	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	250	203	216	14.03	cps
Molybdenum	94-1	12581	12915	12298	12598	2.45	cps
Molybdenum	95-1	13482	13824	13866	13724	1.53	cps
Molybdenum	96-1	16019	15084	15668	15590	3.03	cps
Molybdenum	97-1	8995	8870	8345	8737	3.95	cps
Molybdenum	98-1	21610	22328	22035	21991	1.64	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	477	560	487	508	8.96	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	7469	7577	7261	7436	2.17	cps
Rhodium	103-1	7571054	7873463	7833701	7759406	2.12	cps
Rhodium	103-2	2016709	1952810	1962919	1977480	1.74	cps
Scandium	45-1	4761852	5097386	4975172	4944804	3.43	cps
Scandium	45-2	34840	33751	34389	34326	1.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	13	9	9	39.96	cps
Selenium	82-1	441	455	466	454	2.81	cps
Silicon	28-1	370892	372842	369141	370958	0.50	cps
Silver	109-1	6794	6685	7361	6947	5.22	cps
Silver	107-1	6927	6885	7136	6983	1.92	cps
Sodium	23-2	31394	31611	30592	31199	1.72	cps
Strontium	86-1	2217	2300	2267	2261	1.86	cps
Strontium	88-1	14533	15493	15134	15053	3.22	cps
Sulfur	34-1	379605	380593	383469	381222	0.53	cps
Terbium	159-1	10711717	11287212	10966807	10988579	2.62	cps
Terbium	159-2	2080024	2009474	2026504	2038667	1.81	cps
Thallium	203-1	5793	5910	6002	5902	1.77	cps
Thallium	205-1	14985	14259	14826	14690	2.60	cps
Tin	118-1	23563	24306	23530	23800	1.84	cps
Titanium	47-1	3967	3609	3534	3703	6.26	cps
Uranium	238-1	17196	17571	16253	17007	3.99	cps
Vanadium	51-2	1980	1914	2014	1969	2.59	cps
Yttrium	89-1	8334583	8680913	8470410	8495302	2.05	cps
Yttrium	89-2	235801	227327	228858	230662	1.96	cps
Zinc	66-2	240	293	300	278	11.84	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:54:09	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13307	12431	11655	12465	6.63	cps
Zirconium	91-1	2767	2609	2925	2767	5.72	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 17:57:32 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	13	20	13	47.21	cps
Antimony	121-1	783	917	783	828	9.30	cps
Arsenic	75-2	6	7	0	4	89.21	cps
Barium	135-1	58	8	42	36	70.51	cps
Barium	137-1	100	92	58	83	26.46	cps
Beryllium	9-1	244	233	217	231	6.04	cps
Bismuth	209-1	7166921	6625864	7089270	6960685	4.20	cps
Bismuth	209-2	1805049	1768545	1777787	1783794	1.06	cps
Boron	10-1	1492	1458	1242	1397	9.72	cps
Boron	11-1	6660	6443	6585	6563	1.68	cps
Cadmium	111-1	1312	1323	1002	1213	15.04	cps
Cadmium	106-1	1867	1875	1408	1717	15.56	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	550	592	567	569	3.68	cps
Calcium	44-1	15468	15267	15651	15462	1.24	cps
Chromium	52-2	340	297	337	324	7.43	cps
Cobalt	59-2	67	77	97	80	19.09	cps
Copper	63-2	810	783	810	801	1.92	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	58	8	42	69.29	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	158	108	42	103	56.95	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	10903203	10243525	10851574	10666101	3.44	cps
Holmium	165-2	2129341	2132607	2150285	2137411	0.53	cps
Indium	115-1	8417652	8026640	8371169	8271821	2.58	cps
Indium	115-2	312913	309392	314388	312231	0.82	cps
Iron	56-2	1206	1272	1245	1241	2.70	cps
Iron	57-2	50	44	44	46	6.92	cps
Krypton	83-1	330	280	320	310	8.53	cps
Lead	206-1	511	528	561	533	4.77	cps
Lead	207-1	444	467	467	459	2.79	cps
Lead	208-1	1933	2078	2078	2030	4.11	cps
Lithium	6-1	1609898	1531753	1619356	1587002	3.03	cps
Magnesium	24-2	383	275	267	308	21.11	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:57:32	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	50	50	13.34	cps
Molybdenum	94-1	633	792	617	681	14.19	cps
Molybdenum	95-1	292	350	325	322	9.08	cps
Molybdenum	96-1	542	583	517	547	6.16	cps
Molybdenum	97-1	208	200	208	206	2.34	cps
Molybdenum	98-1	658	608	467	578	17.21	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	67	90	90	25.93	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2417	2467	2167	2350	6.84	cps
Rhodium	103-1	7918837	7410670	7800287	7709932	3.45	cps
Rhodium	103-2	1974412	1952391	1999891	1975565	1.20	cps
Scandium	45-1	5089289	4725286	5046085	4953553	4.01	cps
Scandium	45-2	33951	33731	34583	34088	1.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	22	29	17	23	25.92	cps
Silicon	28-1	333882	326859	328848	329863	1.10	cps
Silver	109-1	108	42	75	75	44.44	cps
Silver	107-1	217	133	100	150	40.06	cps
Sodium	23-2	7427	7511	7552	7497	0.85	cps
Strontium	86-1	483	542	517	514	5.70	cps
Strontium	88-1	192	167	158	172	10.07	cps
Sulfur	34-1	381826	380305	388299	383477	1.11	cps
Terbium	159-1	11250749	10582545	11141144	10991479	3.26	cps
Terbium	159-2	2030600	2025750	2033426	2029925	0.19	cps
Thallium	203-1	708	633	650	664	5.93	cps
Thallium	205-1	1525	1333	1525	1461	7.57	cps
Tin	118-1	1625	1534	1792	1650	7.94	cps
Titanium	47-1	158	83	175	139	35.16	cps
Uranium	238-1	133	117	83	111	22.91	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	8669196	8193853	8618901	8493984	3.07	cps
Yttrium	89-2	231238	230502	233121	231620	0.58	cps
Zinc	66-2	70	120	93	94	26.49	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 17:57:32	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1275	1175	1142	1197	5.80	cps
Zirconium	91-1	250	283	225	253	11.58	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	436281	436396	438090	436922	0.23	cps
Antimony	121-1	9229	9487	9195	9304	1.72	cps
Arsenic	75-2	19	31	19	23	32.76	cps
Barium	135-1	2434	2550	2600	2528	3.38	cps
Barium	137-1	4001	4559	4209	4256	6.63	cps
Beryllium	9-1	428	506	450	461	8.69	cps
Bismuth	209-1	6916256	6807705	7084168	6936043	2.01	cps
Bismuth	209-2	1662996	1703503	1679622	1682040	1.21	cps
Boron	10-1	1542	1417	1825	1595	13.12	cps
Boron	11-1	7886	7919	7344	7716	4.19	cps
Cadmium	111-1	1811	1747	1777	1779	1.81	cps
Cadmium	106-1	1784	1692	1834	1770	4.06	cps
Cadmium	108-1	1113	1029	1063	1068	3.93	cps
Calcium	43-1	1693557	1695526	1687427	1692170	0.25	cps
Calcium	44-1	27235391	27187016	27317084	27246497	0.24	cps
Chromium	52-2	12452	12769	12536	12586	1.31	cps
Cobalt	59-2	1603	1657	1477	1579	5.86	cps
Copper	63-2	9557	10291	9934	9927	3.70	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	83	33	67	43.31	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	108	50	75	78	37.63	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	10993335	10731442	11233370	10986049	2.29	cps
Holmium	165-2	2136321	2148967	2169956	2151748	0.79	cps
Indium	115-1	8190685	8036817	8406651	8211384	2.26	cps
Indium	115-2	303509	301472	304111	303031	0.46	cps
Iron	56-2	40932986	40969456	40727987	40876810	0.32	cps
Iron	57-2	1023424	1029494	1016242	1023053	0.65	cps
Krypton	83-1	327	353	333	338	4.11	cps
Lead	206-1	25365	25593	25081	25346	1.01	cps
Lead	207-1	20645	20172	20495	20437	1.18	cps
Lead	208-1	97743	97047	96512	97101	0.64	cps
Lithium	6-1	1564668	1519214	1585121	1556334	2.17	cps
Magnesium	24-2	2344097	2344595	2357908	2348867	0.33	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1247	1333	1327	1302	3.70	cps
Molybdenum	94-1	3510802	3544652	3504680	3520045	0.61	cps
Molybdenum	95-1	6140178	6185026	6171098	6165434	0.37	cps
Molybdenum	96-1	6488339	6580095	6618113	6562182	1.02	cps
Molybdenum	97-1	3862988	3920613	3930939	3904847	0.94	cps
Molybdenum	98-1	9823307	9841394	9934754	9866485	0.61	cps
Neodymium	150-1	60	40	67	56	24.98	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2067	2094	2220	2127	3.85	cps
Phosphorus	31-2	30801	30225	30634	30554	0.97	cps
Potassium	39-2	1138423	1136627	1141232	1138761	0.20	cps
Rhodium	103-1	7532783	7292741	7655072	7493532	2.46	cps
Rhodium	103-2	1931153	1899761	1910926	1913947	0.83	cps
Scandium	45-1	5017769	4749262	5039747	4935593	3.28	cps
Scandium	45-2	33614	33711	33233	33519	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	41	21	19	27	46.66	cps
Silicon	28-1	465534	468036	464203	465925	0.42	cps
Silver	109-1	325	558	567	483	28.38	cps
Silver	107-1	525	550	650	575	11.50	cps
Sodium	23-2	5307187	5311291	5327292	5315257	0.20	cps
Strontium	86-1	68195	69435	67601	68411	1.37	cps
Strontium	88-1	578875	585743	584443	583020	0.63	cps
Sulfur	34-1	2430841	2413073	2395821	2413245	0.73	cps
Terbium	159-1	11255279	11043246	11400342	11232955	1.60	cps
Terbium	159-2	2028678	2037798	2065912	2044129	0.95	cps
Thallium	203-1	1125	1200	1525	1283	16.57	cps
Thallium	205-1	2467	3017	3367	2950	15.38	cps
Tin	118-1	2292	2509	2450	2417	4.64	cps
Titanium	47-1	1743299	1736576	1737616	1739164	0.21	cps
Uranium	238-1	450	350	400	400	12.50	cps
Vanadium	51-2	70	83	73	76	9.18	cps
Yttrium	89-1	8577600	8302137	8684770	8521502	2.32	cps
Yttrium	89-2	228347	228509	228921	228592	0.13	cps
Zinc	66-2	1253	1270	1270	1265	0.76	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:00:54	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10455	8103	7219	8592	19.46	cps
Zirconium	91-1	2000	1884	1709	1864	7.88	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	432305	429092	435077	432158	0.69	cps
Antimony	121-1	158539	160984	162857	160793	1.35	cps
Arsenic	75-2	1508	1333	1504	1448	6.87	cps
Barium	135-1	34771	34721	35423	34972	1.12	cps
Barium	137-1	60079	59836	59928	59948	0.20	cps
Beryllium	9-1	22457	22023	22290	22256	0.98	cps
Bismuth	209-1	7090265	6951761	7126349	7056125	1.31	cps
Bismuth	209-2	1738845	1610171	1710370	1686462	4.01	cps
Boron	10-1	8503	9328	8628	8820	5.04	cps
Boron	11-1	40859	42113	41536	41503	1.51	cps
Cadmium	111-1	34362	33365	33366	33698	1.71	cps
Cadmium	106-1	6093	5710	5960	5921	3.29	cps
Cadmium	108-1	3496	3838	3717	3684	4.70	cps
Calcium	43-1	1664922	1704726	1707602	1692417	1.41	cps
Calcium	44-1	26816988	27032968	27092945	26980967	0.54	cps
Chromium	52-2	24288	24154	24038	24160	0.52	cps
Cobalt	59-2	28065	28506	28055	28209	0.91	cps
Copper	63-2	32371	33013	32598	32661	1.00	cps
Dysprosium	156-1	17	8	58	28	96.44	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	117	83	75	92	24.05	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	11063412	11224112	11212932	11166819	0.80	cps
Holmium	165-2	2175747	2072622	2185859	2144743	2.92	cps
Indium	115-1	8316414	8267681	8382997	8322364	0.70	cps
Indium	115-2	307784	294366	304831	302327	2.33	cps
Iron	56-2	40306470	40383381	40422144	40370665	0.15	cps
Iron	57-2	1007774	1013959	1015207	1012313	0.39	cps
Krypton	83-1	313	350	333	332	5.53	cps
Lead	206-1	126501	128174	127847	127507	0.70	cps
Lead	207-1	105888	106841	107025	106585	0.57	cps
Lead	208-1	494648	495706	496251	495535	0.16	cps
Lithium	6-1	1585855	1603689	1597185	1595576	0.57	cps
Magnesium	24-2	2304064	2315037	2315993	2311698	0.29	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4507	4754	4467	4576	3.39	cps
Molybdenum	94-1	3836656	3808793	3785614	3810354	0.67	cps
Molybdenum	95-1	6288779	6304671	6251371	6281607	0.44	cps
Molybdenum	96-1	6745753	6790142	6794625	6776840	0.40	cps
Molybdenum	97-1	4022143	4020747	4034121	4025670	0.18	cps
Molybdenum	98-1	10042736	10066081	10021390	10043402	0.22	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	9810	9700	10080	9864	1.98	cps
Phosphorus	31-2	30066	29983	29281	29777	1.45	cps
Potassium	39-2	1128410	1127315	1124527	1126751	0.18	cps
Rhodium	103-1	7615497	7615890	7687193	7639526	0.54	cps
Rhodium	103-2	1920421	1828210	1905712	1884781	2.63	cps
Scandium	45-1	4998371	4980203	5129392	5035989	1.62	cps
Scandium	45-2	34055	32585	33908	33516	2.42	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	43	41	33	39	12.60	cps
Selenium	82-1	2049	1956	1948	1984	2.81	cps
Silicon	28-1	655688	652602	657353	655215	0.37	cps
Silver	109-1	142994	143770	143373	143379	0.27	cps
Silver	107-1	148914	150037	149040	149330	0.41	cps
Sodium	23-2	5283216	5285815	5286165	5285065	0.03	cps
Strontium	86-1	172630	173144	173109	172961	0.17	cps
Strontium	88-1	1527193	1536478	1526616	1530096	0.36	cps
Sulfur	34-1	2392312	2411496	2392855	2398888	0.46	cps
Terbium	159-1	11272607	11489656	11603424	11455229	1.47	cps
Terbium	159-2	2080741	1967888	2071812	2040147	3.08	cps
Thallium	203-1	125036	127703	128713	127151	1.49	cps
Thallium	205-1	299273	306233	303789	303098	1.16	cps
Tin	118-1	279727	283104	281733	281521	0.60	cps
Titanium	47-1	1764036	1742894	1736081	1747670	0.83	cps
Uranium	238-1	1081833	1085413	1089185	1085477	0.34	cps
Vanadium	51-2	9090	8983	8756	8943	1.90	cps
Yttrium	89-1	8753538	8792457	8782898	8776298	0.23	cps
Yttrium	89-2	231100	221432	230110	227547	2.34	cps
Zinc	66-2	3197	3247	3027	3157	3.65	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:04:11	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	570105	578303	578518	575642	0.83	cps
Zirconium	91-1	126819	126685	127711	127072	0.44	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262290	264956	261977	263074	0.62	cps
Antimony	121-1	3963605	3958569	3949666	3957280	0.18	cps
Arsenic	75-2	37638	38115	37748	37834	0.66	cps
Barium	135-1	4173291	4187478	4186675	4182481	0.19	cps
Barium	137-1	7266773	7218907	7222805	7236162	0.37	cps
Beryllium	9-1	563186	559927	562756	561956	0.32	cps
Bismuth	209-1	7020724	6962763	7090022	7024503	0.91	cps
Bismuth	209-2	1677620	1636842	1679701	1664721	1.45	cps
Boron	10-1	65710	66019	68196	66642	2.03	cps
Boron	11-1	302654	311334	317816	310602	2.45	cps
Cadmium	111-1	808162	801728	803414	804435	0.41	cps
Cadmium	106-1	87181	85724	87055	86653	0.93	cps
Cadmium	108-1	57836	57284	57610	57577	0.48	cps
Calcium	43-1	4272707	4320256	4295340	4296101	0.55	cps
Calcium	44-1	68980489	69353383	69557068	69296980	0.42	cps
Chromium	52-2	332904	332901	333350	333052	0.08	cps
Cobalt	59-2	696585	692176	696717	695159	0.37	cps
Copper	63-2	1155704	1160748	1152887	1156446	0.34	cps
Dysprosium	156-1	92	75	58	75	22.22	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	75	83	83	81	5.98	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	11253686	11188539	11260364	11234196	0.35	cps
Holmium	165-2	2182681	2150307	2229634	2187541	1.82	cps
Indium	115-1	8341912	8329020	8352755	8341229	0.14	cps
Indium	115-2	303302	301304	310771	305125	1.64	cps
Iron	56-2	53376111	53893047	53765348	53678169	0.50	cps
Iron	57-2	1342845	1344186	1341970	1343000	0.08	cps
Krypton	83-1	283	343	333	320	10.05	cps
Lead	206-1	2586793	2620874	2624181	2610616	0.79	cps
Lead	207-1	2393398	2395105	2345091	2377864	1.19	cps
Lead	208-1	10586895	10694868	10600719	10627494	0.55	cps
Lithium	6-1	1571687	1622174	1603940	1599267	1.60	cps
Magnesium	24-2	6248141	6247200	6271351	6255564	0.22	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177900	178420	177489	177936	0.26	cps
Molybdenum	94-1	6551615	6586485	6598254	6578785	0.37	cps
Molybdenum	95-1	8050279	8056276	8028272	8044942	0.18	cps
Molybdenum	96-1	8973099	8951293	8903040	8942477	0.40	cps
Molybdenum	97-1	5119088	5086370	5110515	5105325	0.33	cps
Molybdenum	98-1	12950932	12707567	12928473	12862324	1.05	cps
Neodymium	150-1	227	193	133	184	25.64	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	205752	204052	203430	204411	0.59	cps
Phosphorus	31-2	3059	3326	3284	3223	4.45	cps
Potassium	39-2	1552281	1558430	1547694	1552802	0.35	cps
Rhodium	103-1	7596071	7539110	7596734	7577305	0.44	cps
Rhodium	103-2	1874606	1858891	1886578	1873358	0.74	cps
Scandium	45-1	5068627	5076707	5192446	5112593	1.35	cps
Scandium	45-2	34920	34242	35294	34819	1.53	cps
Selenium	77-2	280	237	213	243	13.90	cps
Selenium	78-2	861	802	811	825	3.87	cps
Selenium	82-1	50676	50396	50577	50550	0.28	cps
Silicon	28-1	2085263	2101721	2124906	2103963	0.95	cps
Silver	109-1	3786334	3750521	3763223	3766693	0.48	cps
Silver	107-1	4003143	3953575	3914339	3957019	1.12	cps
Sodium	23-2	14039827	13996869	13995968	14010888	0.18	cps
Strontium	86-1	1012268	1013009	1007325	1010867	0.31	cps
Strontium	88-1	8699997	8717504	8647374	8688292	0.42	cps
Sulfur	34-1	623109	630009	627038	626719	0.55	cps
Terbium	159-1	11602634	11435691	11498802	11512375	0.73	cps
Terbium	159-2	2060533	2032720	2090937	2061397	1.41	cps
Thallium	203-1	3189230	3189048	3242343	3206874	0.96	cps
Thallium	205-1	7416963	7527100	7460286	7468116	0.74	cps
Tin	118-1	2708375	2710680	2706208	2708421	0.08	cps
Titanium	47-1	2192402	2248232	2217342	2219325	1.26	cps
Uranium	238-1	10374009	10470887	10301008	10381968	0.82	cps
Vanadium	51-2	241397	241201	241970	241523	0.17	cps
Yttrium	89-1	8873811	8853424	8823028	8850088	0.29	cps
Yttrium	89-2	234531	229777	234292	232866	1.15	cps
Zinc	66-2	100843	100537	100991	100790	0.23	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:07:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5534247	5588171	5557419	5559946	0.49	cps
Zirconium	91-1	1222064	1225662	1228574	1225433	0.27	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	30	30	33	17.32	cps
Antimony	121-1	9554	8737	8136	8809	8.08	cps
Arsenic	75-2	13	11	9	11	16.65	cps
Barium	135-1	150	108	100	119	22.43	cps
Barium	137-1	208	117	125	150	33.79	cps
Beryllium	9-1	483	417	422	441	8.39	cps
Bismuth	209-1	7150782	7265083	7155953	7190606	0.90	cps
Bismuth	209-2	1799420	1834579	1853214	1829071	1.49	cps
Boron	10-1	3000	2684	2567	2750	8.15	cps
Boron	11-1	14608	12122	12689	13140	9.91	cps
Cadmium	111-1	1496	1394	1473	1454	3.68	cps
Cadmium	106-1	2084	1942	2075	2034	3.91	cps
Cadmium	108-1	0	4	25	10	137.74	cps
Calcium	43-1	633	542	508	561	11.54	cps
Calcium	44-1	17654	17203	17829	17562	1.84	cps
Chromium	52-2	303	330	317	317	4.21	cps
Cobalt	59-2	43	63	67	58	21.85	cps
Copper	63-2	770	883	833	829	6.85	cps
Dysprosium	156-1	0	42	0	14	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	10898853	10987455	10900001	10928770	0.47	cps
Holmium	165-2	2181769	2188960	2194593	2188441	0.29	cps
Indium	115-1	8509448	8569187	8500682	8526439	0.44	cps
Indium	115-2	322096	319378	322453	321309	0.52	cps
Iron	56-2	3528	3512	3339	3460	3.02	cps
Iron	57-2	83	106	111	100	14.69	cps
Krypton	83-1	353	283	313	317	11.09	cps
Lead	206-1	850	750	928	843	10.58	cps
Lead	207-1	833	811	639	761	13.98	cps
Lead	208-1	3661	3317	3600	3526	5.21	cps
Lithium	6-1	1636907	1661111	1652857	1650292	0.75	cps
Magnesium	24-2	408	417	308	378	15.96	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	40	57	50	17.64	cps
Molybdenum	94-1	3592	2825	2659	3025	16.46	cps
Molybdenum	95-1	3876	3184	3201	3420	11.54	cps
Molybdenum	96-1	4876	4017	3626	4173	15.33	cps
Molybdenum	97-1	2659	2192	2117	2323	12.64	cps
Molybdenum	98-1	6427	5752	5126	5768	11.28	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	97	87	102	18.54	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2692	2759	2625	2692	2.48	cps
Rhodium	103-1	7963570	7965081	7902291	7943647	0.45	cps
Rhodium	103-2	2029505	2013024	2020161	2020897	0.41	cps
Scandium	45-1	5065005	5129136	5142418	5112186	0.81	cps
Scandium	45-2	35334	35037	35525	35299	0.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-30	67	25	21	234.42	cps
Silicon	28-1	345589	343581	346850	345340	0.48	cps
Silver	109-1	375	392	408	392	4.26	cps
Silver	107-1	383	392	358	378	4.59	cps
Sodium	23-2	11272	10871	10071	10738	5.69	cps
Strontium	86-1	500	592	542	544	8.43	cps
Strontium	88-1	400	292	192	294	35.39	cps
Sulfur	34-1	376559	375353	376598	376170	0.19	cps
Terbium	159-1	11171791	11227907	11185790	11195163	0.26	cps
Terbium	159-2	2079924	2076679	2120788	2092464	1.17	cps
Thallium	203-1	1642	1600	1450	1564	6.45	cps
Thallium	205-1	3884	3976	3292	3717	9.98	cps
Tin	118-1	3150	2642	2759	2850	9.34	cps
Titanium	47-1	275	233	217	242	12.43	cps
Uranium	238-1	433	342	267	347	24.04	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	8699426	8720692	8754993	8725037	0.32	cps
Yttrium	89-2	238627	237042	239971	238547	0.61	cps
Zinc	66-2	80	57	93	77	24.21	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:10:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2742	2384	2217	2448	10.96	cps
Zirconium	91-1	483	508	458	483	5.17	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 18:14:03 DataFile Name : 021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	95	108	109	13.80	cps
Antimony	121-1	17704	17529	17295	17509	1.17	cps
Arsenic	75-2	59	89	76	75	19.89	cps
Barium	135-1	16027	15752	15860	15880	0.87	cps
Barium	137-1	27529	28031	28089	27883	1.10	cps
Beryllium	9-1	1400	1306	1189	1298	8.15	cps
Bismuth	209-1	7133487	6798091	7102771	7011449	2.64	cps
Bismuth	209-2	1828217	1801326	1820355	1816633	0.76	cps
Boron	10-1	4367	4876	4534	4593	5.64	cps
Boron	11-1	20624	20707	20591	20641	0.29	cps
Cadmium	111-1	2874	2717	2599	2730	5.06	cps
Cadmium	106-1	2084	1700	1809	1864	10.60	cps
Cadmium	108-1	108	171	167	149	23.51	cps
Calcium	43-1	8720	8837	9053	8870	1.91	cps
Calcium	44-1	151729	151569	150944	151414	0.27	cps
Chromium	52-2	1623	1477	1627	1576	5.44	cps
Cobalt	59-2	1350	1330	1483	1388	6.01	cps
Copper	63-2	3307	3244	3194	3248	1.75	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	92	56	56.79	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	50	33	108	64	61.65	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	10786951	10516063	10844262	10715759	1.64	cps
Holmium	165-2	2195617	2184721	2173880	2184740	0.50	cps
Indium	115-1	8505753	8106385	8489647	8367262	2.70	cps
Indium	115-2	316691	322839	317531	319020	1.05	cps
Iron	56-2	26543	25490	24772	25602	3.48	cps
Iron	57-2	644	606	528	593	10.03	cps
Krypton	83-1	353	263	373	330	17.76	cps
Lead	206-1	6152	6029	5696	5959	3.96	cps
Lead	207-1	5012	5529	5418	5320	5.11	cps
Lead	208-1	23631	23781	23498	23637	0.60	cps
Lithium	6-1	1617033	1571700	1641694	1610142	2.20	cps
Magnesium	24-2	12698	12406	11755	12286	3.93	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:14:03	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213	240	237	230	6.32	cps
Molybdenum	94-1	15034	15251	14633	14973	2.09	cps
Molybdenum	95-1	16102	16753	16652	16502	2.12	cps
Molybdenum	96-1	18714	18730	18254	18566	1.45	cps
Molybdenum	97-1	10371	10471	10021	10288	2.30	cps
Molybdenum	98-1	27036	27496	27003	27178	1.01	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	490	503	477	490	2.72	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	8386	7969	8311	8222	2.70	cps
Rhodium	103-1	7917667	7570060	7916632	7801453	2.57	cps
Rhodium	103-2	2008565	2014957	2009857	2011126	0.17	cps
Scandium	45-1	5032589	4883452	5081405	4999149	2.06	cps
Scandium	45-2	34733	35615	35030	35126	1.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	2	7	6	57.77	cps
Selenium	82-1	512	593	496	534	9.80	cps
Silicon	28-1	392568	391010	392898	392159	0.26	cps
Silver	109-1	8086	8128	8011	8075	0.73	cps
Silver	107-1	8320	7944	8169	8145	2.32	cps
Sodium	23-2	36506	36322	37467	36765	1.67	cps
Strontium	86-1	2492	2734	2692	2639	4.90	cps
Strontium	88-1	17503	17453	17103	17353	1.26	cps
Sulfur	34-1	374283	377980	379193	377152	0.68	cps
Terbium	159-1	11165662	10915328	11151317	11077435	1.27	cps
Terbium	159-2	2078562	2078959	2064645	2074055	0.39	cps
Thallium	203-1	7061	7052	7211	7108	1.25	cps
Thallium	205-1	17012	17121	16478	16870	2.04	cps
Tin	118-1	27337	27437	27345	27373	0.20	cps
Titanium	47-1	4551	4318	4709	4526	4.36	cps
Uranium	238-1	18974	19725	19424	19374	1.95	cps
Vanadium	51-2	2284	2300	2374	2319	2.06	cps
Yttrium	89-1	8683715	8435806	8706426	8608649	1.74	cps
Yttrium	89-2	236686	237842	235737	236755	0.45	cps
Zinc	66-2	313	340	330	328	4.11	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:14:03	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14884	15459	14442	14928	3.42	cps
Zirconium	91-1	3501	3317	3242	3353	3.96	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : PB112005BL Instrumnet Name : P8
 Client Sample ID : PB112005BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 18:17:39 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	8	10	9	15.75	cps
Antimony	121-1	1008	1242	1225	1158	11.24	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	50	50	33	44	21.66	cps
Barium	137-1	50	33	42	42	19.99	cps
Beryllium	9-1	278	222	150	217	29.57	cps
Bismuth	209-1	6857509	7169211	7091873	7039531	2.31	cps
Bismuth	209-2	1807874	1811118	1759608	1792867	1.61	cps
Boron	10-1	1358	1108	1175	1214	10.66	cps
Boron	11-1	6185	5751	6068	6002	3.74	cps
Cadmium	111-1	1248	1283	1213	1248	2.82	cps
Cadmium	106-1	1742	1825	1717	1761	3.22	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	458	583	550	531	12.20	cps
Calcium	44-1	16235	16711	15751	16232	2.96	cps
Chromium	52-2	323	323	327	324	0.59	cps
Cobalt	59-2	53	77	63	64	18.17	cps
Copper	63-2	997	1067	1047	1037	3.48	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	10409057	10985958	10792120	10729045	2.74	cps
Holmium	165-2	2202926	2193902	2128209	2175012	1.88	cps
Indium	115-1	8134961	8520663	8492776	8382800	2.57	cps
Indium	115-2	317110	318869	308480	314820	1.77	cps
Iron	56-2	1622	1784	1695	1700	4.75	cps
Iron	57-2	33	44	33	37	17.33	cps
Krypton	83-1	350	340	373	354	4.83	cps
Lead	206-1	678	633	656	656	3.39	cps
Lead	207-1	561	556	444	520	12.65	cps
Lead	208-1	2545	2539	2495	2526	1.08	cps
Lithium	6-1	1569551	1634958	1639294	1614601	2.42	cps
Magnesium	24-2	350	217	400	322	29.41	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P8
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:17:39	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	33	47	46	25.70	cps
Molybdenum	94-1	967	725	933	875	14.97	cps
Molybdenum	95-1	692	850	675	739	13.07	cps
Molybdenum	96-1	933	792	867	864	8.20	cps
Molybdenum	97-1	442	442	467	450	3.21	cps
Molybdenum	98-1	1025	1108	1042	1058	4.17	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	70	107	77	35.59	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2392	2442	2342	2392	2.09	cps
Rhodium	103-1	7660157	7948742	7938076	7848992	2.08	cps
Rhodium	103-2	2039095	1997883	1941844	1992940	2.45	cps
Scandium	45-1	4947027	5111924	5094064	5051005	1.79	cps
Scandium	45-2	35405	35024	34068	34832	1.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-2	20	-60	-14	-302.17	cps
Silicon	28-1	338646	337185	340209	338680	0.45	cps
Silver	109-1	150	225	175	183	20.83	cps
Silver	107-1	142	192	200	178	17.75	cps
Sodium	23-2	8595	8661	8653	8636	0.42	cps
Strontium	86-1	417	425	467	436	6.14	cps
Strontium	88-1	108	100	125	111	11.46	cps
Sulfur	34-1	381729	378346	382916	380997	0.62	cps
Terbium	159-1	10722776	11251139	11203843	11059253	2.64	cps
Terbium	159-2	2065808	2057200	1992811	2038607	1.96	cps
Thallium	203-1	808	667	692	722	10.47	cps
Thallium	205-1	1817	1717	1684	1739	3.99	cps
Tin	118-1	2119	1767	1742	1876	11.23	cps
Titanium	47-1	100	175	158	144	27.26	cps
Uranium	238-1	58	33	33	42	34.65	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	8387084	8798687	8783445	8656405	2.70	cps
Yttrium	89-2	238223	236038	229027	234429	2.05	cps
Zinc	66-2	73	80	77	77	4.35	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P8
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:17:39	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1267	1175	1272	7.87	cps
Zirconium	91-1	400	292	267	319	22.19	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : PB112005BS Instrumnet Name : P8
 Client Sample ID : PB112005BS Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 18:21:01 DataFile Name : 023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49919	48838	48745	49168	1.33	cps
Antimony	121-1	3908011	3969416	3965134	3947520	0.87	cps
Arsenic	75-2	37976	37250	38268	37831	1.39	cps
Barium	135-1	4141677	4099909	4113600	4118395	0.52	cps
Barium	137-1	7116865	7132443	7154544	7134617	0.27	cps
Beryllium	9-1	553735	552416	559070	555074	0.63	cps
Bismuth	209-1	7180341	7055281	7128894	7121505	0.88	cps
Bismuth	209-2	1762035	1790155	1771283	1774491	0.81	cps
Boron	10-1	61541	64019	64337	63299	2.42	cps
Boron	11-1	291601	299073	305346	298673	2.30	cps
Cadmium	111-1	817153	815407	818316	816959	0.18	cps
Cadmium	106-1	86855	87425	86754	87011	0.42	cps
Cadmium	108-1	57702	58166	58238	58035	0.50	cps
Calcium	43-1	861914	861210	863805	862310	0.16	cps
Calcium	44-1	14014231	14110711	14132571	14085838	0.45	cps
Chromium	52-2	338314	334950	335423	336229	0.54	cps
Cobalt	59-2	694963	693889	693022	693958	0.14	cps
Copper	63-2	1189207	1189309	1186136	1188217	0.15	cps
Dysprosium	156-1	100	92	58	83	26.46	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	92	75	92	86	11.18	cps
Gadolinium	160-2	13	27	10	17	52.93	cps
Holmium	165-1	11149806	11038450	11160484	11116247	0.61	cps
Holmium	165-2	2194719	2170586	2177751	2181019	0.57	cps
Indium	115-1	8474221	8425725	8497630	8465858	0.43	cps
Indium	115-2	312031	310542	313052	311875	0.40	cps
Iron	56-2	10847978	10721627	10657636	10742414	0.90	cps
Iron	57-2	267232	270013	265360	267535	0.88	cps
Krypton	83-1	297	330	340	322	7.04	cps
Lead	206-1	2601760	2581133	2580258	2587717	0.47	cps
Lead	207-1	2389049	2332378	2359932	2360453	1.20	cps
Lead	208-1	10619241	10480978	10527698	10542639	0.67	cps
Lithium	6-1	1650148	1624104	1650354	1641535	0.92	cps
Magnesium	24-2	1297672	1290868	1266748	1285096	1.26	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P8
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:21:01	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177397	175645	174642	175895	0.79	cps
Molybdenum	94-1	6471437	6437927	6456810	6455391	0.26	cps
Molybdenum	95-1	7986221	7905015	7925324	7938853	0.53	cps
Molybdenum	96-1	8852085	8781456	8823043	8818861	0.40	cps
Molybdenum	97-1	5056543	4998977	4990424	5015315	0.72	cps
Molybdenum	98-1	12741664	12690711	12581695	12671357	0.64	cps
Neodymium	150-1	247	213	107	189	38.72	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	209200	208735	207438	208458	0.44	cps
Phosphorus	31-2	3417	3217	3501	3378	4.31	cps
Potassium	39-2	309645	308206	308010	308620	0.29	cps
Rhodium	103-1	7832769	7703832	7752272	7762958	0.84	cps
Rhodium	103-2	1936974	1946271	1940836	1941360	0.24	cps
Scandium	45-1	5198776	5111890	5223837	5178168	1.13	cps
Scandium	45-2	35732	35201	35803	35579	0.92	cps
Selenium	77-2	277	253	243	258	6.64	cps
Selenium	78-2	848	919	869	878	4.12	cps
Selenium	82-1	51001	50715	50824	50846	0.28	cps
Silicon	28-1	2040353	1977755	2006059	2008056	1.56	cps
Silver	109-1	3863002	3877541	3846671	3862405	0.40	cps
Silver	107-1	4040413	4041472	4006050	4029312	0.50	cps
Sodium	23-2	2883555	2869461	2856946	2869987	0.46	cps
Strontium	86-1	997899	1000815	1005947	1001554	0.41	cps
Strontium	88-1	8709242	8578279	8623663	8637061	0.77	cps
Sulfur	34-1	639800	636602	633880	636761	0.47	cps
Terbium	159-1	11437280	11266975	11441010	11381755	0.87	cps
Terbium	159-2	2074173	2064512	2065079	2067921	0.26	cps
Thallium	203-1	3199116	3173307	3187267	3186563	0.41	cps
Thallium	205-1	7521375	7432244	7462863	7472161	0.61	cps
Tin	118-1	2700195	2646280	2677471	2674648	1.01	cps
Titanium	47-1	2202673	2171512	2189684	2187956	0.72	cps
Uranium	238-1	9969039	9923654	9934685	9942459	0.24	cps
Vanadium	51-2	241024	238957	240326	240102	0.44	cps
Yttrium	89-1	8846833	8792516	8892812	8844054	0.57	cps
Yttrium	89-2	235796	235430	233900	235042	0.43	cps
Zinc	66-2	104016	102834	102626	103159	0.73	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P8
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:21:01	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5470014	5404638	5480784	5451812	0.76	cps
Zirconium	91-1	1195167	1200492	1199544	1198401	0.24	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	18	25	28	41.67	cps
Antimony	121-1	20533	18071	17370	18658	8.90	cps
Arsenic	75-2	5464	5433	5479	5459	0.43	cps
Barium	135-1	647289	653930	653622	651614	0.58	cps
Barium	137-1	1133647	1144062	1152457	1143389	0.82	cps
Beryllium	9-1	417	406	394	406	2.74	cps
Bismuth	209-1	7222382	7066363	6812402	7033716	2.94	cps
Bismuth	209-2	1603800	1603922	1477364	1561695	4.68	cps
Boron	10-1	22911	23203	21717	22610	3.48	cps
Boron	11-1	109415	108987	111186	109863	1.06	cps
Cadmium	111-1	1751	1425	1396	1524	12.93	cps
Cadmium	106-1	1784	1609	1550	1647	7.37	cps
Cadmium	108-1	63	38	50	50	25.00	cps
Calcium	43-1	1361344	1307217	1325516	1331359	2.07	cps
Calcium	44-1	21267549	21083934	21047820	21133101	0.56	cps
Chromium	52-2	1110	1047	930	1029	8.87	cps
Cobalt	59-2	2500	2290	2547	2446	5.59	cps
Copper	63-2	27350	25744	24518	25871	5.49	cps
Dysprosium	156-1	42	83	117	81	46.64	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	150	100	75	108	35.25	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	10999706	10812951	10304980	10705879	3.36	cps
Holmium	165-2	1979956	1991025	1817001	1929327	5.05	cps
Indium	115-1	8238763	8108699	7761245	8036236	3.07	cps
Indium	115-2	272073	273048	250803	265308	4.74	cps
Iron	56-2	3283315	3225361	3234196	3247624	0.96	cps
Iron	57-2	80202	80001	78816	79673	0.94	cps
Krypton	83-1	413	450	460	441	5.57	cps
Lead	206-1	3439	3256	2762	3152	11.12	cps
Lead	207-1	3239	2784	2267	2763	17.61	cps
Lead	208-1	14554	12681	10836	12690	14.65	cps
Lithium	6-1	1752278	1747479	1686390	1728716	2.12	cps
Magnesium	24-2	252275	247740	248349	249455	0.99	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	282987	275719	278509	279072	1.31	cps
Molybdenum	94-1	9437	8295	9229	8987	6.77	cps
Molybdenum	95-1	11297	11138	10963	11133	1.50	cps
Molybdenum	96-1	13299	12898	12281	12826	4.00	cps
Molybdenum	97-1	7344	7302	7119	7255	1.65	cps
Molybdenum	98-1	23513	23388	22194	23032	3.16	cps
Neodymium	150-1	80	80	47	69	27.93	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	837	797	870	834	4.40	cps
Phosphorus	31-2	33	25	8	22	57.29	cps
Potassium	39-2	22644	22444	21876	22321	1.78	cps
Rhodium	103-1	7541347	7342257	6997445	7293683	3.77	cps
Rhodium	103-2	1773654	1791873	1650472	1738666	4.42	cps
Scandium	45-1	4888355	4687471	4397823	4657883	5.29	cps
Scandium	45-2	28700	28406	26115	27740	5.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	40	-2	-2	12	200.99	cps
Silicon	28-1	31101185	30363366	30428550	30631034	1.33	cps
Silver	109-1	10046	9329	8620	9331	7.64	cps
Silver	107-1	10688	9387	8962	9679	9.29	cps
Sodium	23-2	2198327	2176732	2145215	2173424	1.23	cps
Strontium	86-1	1064842	1068139	1073935	1068972	0.43	cps
Strontium	88-1	9298010	9257696	9296787	9284164	0.25	cps
Sulfur	34-1	346899	341734	336292	341642	1.55	cps
Terbium	159-1	11181109	11012112	10574211	10922477	2.87	cps
Terbium	159-2	1869687	1879789	1724540	1824672	4.76	cps
Thallium	203-1	13049	9904	7319	10091	28.44	cps
Thallium	205-1	31900	23932	18097	24643	28.12	cps
Tin	118-1	12815	12857	12256	12643	2.65	cps
Titanium	47-1	692	675	600	656	7.45	cps
Uranium	238-1	1283	1392	1325	1333	4.10	cps
Vanadium	51-2	193	183	160	179	9.56	cps
Yttrium	89-1	8423484	8228682	7833082	8161749	3.69	cps
Yttrium	89-2	202290	203581	185402	197091	5.15	cps
Zinc	66-2	1167	1140	1120	1142	2.05	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:24:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8078	6652	6085	6938	14.80	cps
Zirconium	91-1	1850	1667	1550	1689	8.96	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	58	58	44	52.30	cps
Antimony	121-1	9621	10071	10263	9985	3.30	cps
Arsenic	75-2	630	770	794	732	12.17	cps
Barium	135-1	504885	505584	500367	503612	0.56	cps
Barium	137-1	877941	888619	875829	880796	0.78	cps
Beryllium	9-1	261	272	272	269	2.39	cps
Bismuth	209-1	7182724	7144003	7279047	7201925	0.97	cps
Bismuth	209-2	1571013	1569361	1565473	1568616	0.18	cps
Boron	10-1	25315	25615	27819	26250	5.21	cps
Boron	11-1	124293	126546	127604	126147	1.34	cps
Cadmium	111-1	1288	1222	1374	1295	5.89	cps
Cadmium	106-1	1650	1609	1775	1678	5.17	cps
Cadmium	108-1	13	29	8	17	66.16	cps
Calcium	43-1	1513412	1526380	1520813	1520202	0.43	cps
Calcium	44-1	24306057	24441483	24417690	24388410	0.30	cps
Chromium	52-2	583	633	520	579	9.81	cps
Cobalt	59-2	1023	973	1033	1010	3.18	cps
Copper	63-2	16597	16453	15849	16300	2.43	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	10886252	10772623	10944449	10867775	0.80	cps
Holmium	165-2	1932896	1959885	1928222	1940335	0.88	cps
Indium	115-1	8004686	7902966	8102450	8003368	1.25	cps
Indium	115-2	260982	263035	262151	262056	0.39	cps
Iron	56-2	589712	585441	579833	584995	0.85	cps
Iron	57-2	14285	14458	14608	14450	1.12	cps
Krypton	83-1	317	370	263	317	16.84	cps
Lead	206-1	2812	2717	2817	2782	2.02	cps
Lead	207-1	2450	2384	2184	2339	5.93	cps
Lead	208-1	10930	10941	10335	10735	3.23	cps
Lithium	6-1	1815684	1807982	1825283	1816316	0.48	cps
Magnesium	24-2	238949	236572	236163	237228	0.63	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77597	75871	75751	76406	1.35	cps
Molybdenum	94-1	3859	3992	3642	3831	4.61	cps
Molybdenum	95-1	5201	5193	4934	5110	2.97	cps
Molybdenum	96-1	5843	5651	5568	5688	2.48	cps
Molybdenum	97-1	2934	3476	3292	3234	8.52	cps
Molybdenum	98-1	11464	11430	11213	11369	1.20	cps
Neodymium	150-1	40	73	67	60	29.40	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	967	920	1050	979	6.73	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	22051	21868	20591	21503	3.70	cps
Rhodium	103-1	7253528	7230302	7336955	7273595	0.77	cps
Rhodium	103-2	1729461	1725943	1727412	1727606	0.10	cps
Scandium	45-1	4511675	4371814	4431085	4438192	1.58	cps
Scandium	45-2	26555	26569	26198	26441	0.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	108	87	258	151	61.75	cps
Silicon	28-1	24892520	24767359	24537303	24732394	0.73	cps
Silver	109-1	3676	2892	2875	3148	14.53	cps
Silver	107-1	3701	3284	3175	3387	8.19	cps
Sodium	23-2	1844733	1845098	1850476	1846769	0.17	cps
Strontium	86-1	1132178	1128398	1128066	1129547	0.20	cps
Strontium	88-1	9767882	9767813	9764860	9766852	0.02	cps
Sulfur	34-1	459270	457254	451149	455891	0.93	cps
Terbium	159-1	11064542	11010881	11143544	11072989	0.60	cps
Terbium	159-2	1847589	1834371	1828064	1836675	0.54	cps
Thallium	203-1	1483	1433	1275	1397	7.78	cps
Thallium	205-1	3526	3517	3326	3456	3.27	cps
Tin	118-1	10571	11097	11214	10961	3.12	cps
Titanium	47-1	550	425	558	511	14.61	cps
Uranium	238-1	25101	26045	26028	25725	2.10	cps
Vanadium	51-2	1243	1100	1223	1189	6.53	cps
Yttrium	89-1	8056874	8009704	8111347	8059308	0.63	cps
Yttrium	89-2	192138	192023	189434	191198	0.80	cps
Zinc	66-2	760	650	763	724	8.90	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:27:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2842	2684	2567	2698	5.12	cps
Zirconium	91-1	583	558	558	567	2.55	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : J3922-09RE Instrumnet Name : P8
 Client Sample ID : SS037MW202-180709RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 18:30:55 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	35	20	24	39.17	cps
Antimony	121-1	12281	13616	13182	13026	5.23	cps
Arsenic	75-2	4949	4799	4845	4864	1.58	cps
Barium	135-1	630179	632460	633573	632071	0.27	cps
Barium	137-1	1099888	1099964	1109365	1103073	0.49	cps
Beryllium	9-1	189	194	233	206	11.78	cps
Bismuth	209-1	7015449	6877581	6882822	6925284	1.13	cps
Bismuth	209-2	1484317	1502286	1497067	1494557	0.62	cps
Boron	10-1	18646	20248	19414	19436	4.12	cps
Boron	11-1	90434	94695	93655	92928	2.39	cps
Cadmium	111-1	1151	1198	1056	1135	6.37	cps
Cadmium	106-1	1567	1567	1400	1511	6.37	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	1164058	1167120	1172527	1167902	0.37	cps
Calcium	44-1	18816042	18919094	19028241	18921125	0.56	cps
Chromium	52-2	900	857	820	859	4.66	cps
Cobalt	59-2	2157	1997	2100	2085	3.89	cps
Copper	63-2	18463	17902	17888	18084	1.81	cps
Dysprosium	156-1	75	42	33	50	44.09	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	83	92	42	72	37.09	cps
Erbium	164-2	27	13	7	16	65.47	cps
Gadolinium	160-1	150	133	83	122	28.39	cps
Gadolinium	160-2	27	17	20	21	24.12	cps
Holmium	165-1	10630184	10271537	10506151	10469290	1.74	cps
Holmium	165-2	1850854	1879992	1866345	1865730	0.78	cps
Indium	115-1	7796191	7577799	7592657	7655549	1.59	cps
Indium	115-2	244570	245074	246902	245515	0.50	cps
Iron	56-2	2898554	2845943	2880689	2875062	0.93	cps
Iron	57-2	70980	70634	71784	71133	0.83	cps
Krypton	83-1	300	383	237	307	23.99	cps
Lead	206-1	1828	1695	1811	1778	4.09	cps
Lead	207-1	1511	1456	1700	1556	8.24	cps
Lead	208-1	7057	7145	7318	7173	1.85	cps
Lithium	6-1	1933873	1916888	1925696	1925486	0.44	cps
Magnesium	24-2	215204	215163	217860	216075	0.72	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:30:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247406	245052	247368	246608	0.55	cps
Molybdenum	94-1	5902	6177	5843	5974	2.98	cps
Molybdenum	95-1	7844	7869	8345	8019	3.51	cps
Molybdenum	96-1	9053	9462	9245	9254	2.21	cps
Molybdenum	97-1	5068	4993	5043	5034	0.76	cps
Molybdenum	98-1	15843	15710	15443	15665	1.30	cps
Neodymium	150-1	127	67	87	93	32.73	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	887	840	847	858	2.94	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	18087	18071	18546	18235	1.48	cps
Rhodium	103-1	7027453	6870839	6924165	6940819	1.15	cps
Rhodium	103-2	1642531	1624352	1655979	1640954	0.97	cps
Scandium	45-1	4214502	4022810	4104528	4113947	2.34	cps
Scandium	45-2	24869	25113	24805	24929	0.65	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	130	2	191	107	89.72	cps
Silicon	28-1	26489531	26507070	26319297	26438633	0.39	cps
Silver	109-1	2325	2175	2117	2206	4.87	cps
Silver	107-1	2084	2259	2250	2197	4.49	cps
Sodium	23-2	1885539	1874179	1914784	1891501	1.11	cps
Strontium	86-1	1005106	1010776	1017061	1010981	0.59	cps
Strontium	88-1	8657933	8722535	8804168	8728212	0.84	cps
Sulfur	34-1	310550	305121	305197	306956	1.01	cps
Terbium	159-1	10842619	10355638	10776417	10658224	2.48	cps
Terbium	159-2	1742637	1781254	1751682	1758524	1.15	cps
Thallium	203-1	700	758	750	736	4.29	cps
Thallium	205-1	1567	1800	1834	1734	8.38	cps
Tin	118-1	16636	16978	16970	16861	1.16	cps
Titanium	47-1	592	817	758	722	16.18	cps
Uranium	238-1	925	1208	1075	1070	13.25	cps
Vanadium	51-2	167	147	153	156	6.55	cps
Yttrium	89-1	7779741	7545219	7636727	7653896	1.54	cps
Yttrium	89-2	178058	177203	180324	178528	0.90	cps
Zinc	66-2	1247	1163	1307	1239	5.81	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:30:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3751	3659	3426	3612	4.64	cps
Zirconium	91-1	750	792	1419	987	37.95	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	23	15	19	19.95	cps
Antimony	121-1	7728	8645	8737	8370	6.67	cps
Arsenic	75-2	735	719	770	741	3.57	cps
Barium	135-1	507027	515931	512116	511691	0.87	cps
Barium	137-1	882787	903465	894529	893594	1.16	cps
Beryllium	9-1	222	211	161	198	16.43	cps
Bismuth	209-1	7272175	7024866	7444055	7247032	2.91	cps
Bismuth	209-2	1580634	1602358	1584669	1589220	0.73	cps
Boron	10-1	24455	25791	26108	25451	3.45	cps
Boron	11-1	118773	122999	123621	121798	2.17	cps
Cadmium	111-1	1149	1206	1171	1175	2.41	cps
Cadmium	106-1	1533	1625	1584	1581	2.90	cps
Cadmium	108-1	17	4	29	17	74.99	cps
Calcium	43-1	1493403	1499234	1523223	1505287	1.05	cps
Calcium	44-1	24098700	24184232	24310297	24197743	0.44	cps
Chromium	52-2	537	540	577	551	4.03	cps
Cobalt	59-2	1120	980	943	1015	9.19	cps
Copper	63-2	12125	11955	12205	12095	1.06	cps
Dysprosium	156-1	50	50	58	53	9.12	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	92	75	72	29.04	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Holmium	165-1	10936034	10424849	11222856	10861246	3.72	cps
Holmium	165-2	1960415	1990863	1967277	1972852	0.81	cps
Indium	115-1	8020706	7639414	8085227	7915116	3.04	cps
Indium	115-2	261585	263685	259495	261588	0.80	cps
Iron	56-2	578337	578023	574515	576958	0.37	cps
Iron	57-2	14825	14641	14819	14762	0.71	cps
Krypton	83-1	363	350	300	338	9.89	cps
Lead	206-1	2273	2267	2311	2284	1.06	cps
Lead	207-1	1822	1750	1972	1848	6.13	cps
Lead	208-1	8774	8362	8757	8631	2.70	cps
Lithium	6-1	1896280	1854840	1939696	1896939	2.24	cps
Magnesium	24-2	233166	231722	231088	231992	0.46	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	75121	75493	74541	75051	0.64	cps
Molybdenum	94-1	3259	3559	3292	3370	4.88	cps
Molybdenum	95-1	4393	4343	4518	4418	2.04	cps
Molybdenum	96-1	4809	5201	5034	5015	3.92	cps
Molybdenum	97-1	2967	2950	3142	3020	3.52	cps
Molybdenum	98-1	9062	8928	9070	9020	0.88	cps
Neodymium	150-1	27	67	60	51	41.93	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1093	977	867	979	11.58	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	20641	19865	21242	20582	3.35	cps
Rhodium	103-1	7261418	6927158	7353419	7180665	3.12	cps
Rhodium	103-2	1735436	1766121	1746402	1749320	0.89	cps
Scandium	45-1	4398900	4142932	4368474	4303435	3.25	cps
Scandium	45-2	26428	26886	26235	26516	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	118	102	177	132	29.72	cps
Silicon	28-1	24152459	24324990	24316885	24264778	0.40	cps
Silver	109-1	1325	1283	1058	1222	11.74	cps
Silver	107-1	1450	1517	1233	1400	10.58	cps
Sodium	23-2	1824330	1795345	1806221	1808632	0.81	cps
Strontium	86-1	1120747	1129425	1130925	1127032	0.49	cps
Strontium	88-1	9670452	9834861	9807024	9770779	0.90	cps
Sulfur	34-1	450054	451262	445744	449020	0.65	cps
Terbium	159-1	11188860	10682951	11414698	11095503	3.38	cps
Terbium	159-2	1849262	1880683	1868439	1866128	0.85	cps
Thallium	203-1	650	600	517	589	11.44	cps
Thallium	205-1	1308	1192	1300	1267	5.14	cps
Tin	118-1	8661	9687	9295	9215	5.62	cps
Titanium	47-1	542	492	508	514	4.95	cps
Uranium	238-1	26905	26521	27657	27028	2.14	cps
Vanadium	51-2	1070	1067	1167	1101	5.16	cps
Yttrium	89-1	8094319	7749717	8154514	7999516	2.73	cps
Yttrium	89-2	191356	190036	191218	190870	0.38	cps
Zinc	66-2	833	830	933	866	6.78	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:34:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1825	1517	1670	9.24	cps
Zirconium	91-1	467	408	367	414	12.14	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	229911	228222	230294	229476	0.48	cps
Antimony	121-1	3489116	3534756	3590891	3538254	1.44	cps
Arsenic	75-2	34905	34708	35711	35108	1.51	cps
Barium	135-1	4166430	4156972	4172341	4165248	0.19	cps
Barium	137-1	7172101	7233987	7313431	7239840	0.98	cps
Beryllium	9-1	528836	527109	524487	526810	0.42	cps
Bismuth	209-1	7230157	7200575	7117811	7182847	0.81	cps
Bismuth	209-2	1663843	1643087	1642139	1649690	0.74	cps
Boron	10-1	62596	63022	62989	62869	0.38	cps
Boron	11-1	286281	296778	297806	293622	2.17	cps
Cadmium	111-1	791061	796047	793165	793424	0.32	cps
Cadmium	106-1	84096	86628	83542	84755	1.94	cps
Cadmium	108-1	57987	57259	57455	57567	0.65	cps
Calcium	43-1	4090109	4070567	4066229	4075635	0.31	cps
Calcium	44-1	66227824	65899270	66116174	66081090	0.25	cps
Chromium	52-2	304397	304961	303809	304389	0.19	cps
Cobalt	59-2	648332	644290	647808	646810	0.34	cps
Copper	63-2	1084781	1086531	1092968	1088093	0.40	cps
Dysprosium	156-1	83	67	100	83	20.00	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	58	67	33	53	32.88	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	92	75	100	89	14.32	cps
Gadolinium	160-2	20	0	10	10	100.00	cps
Holmium	165-1	11384398	11338759	11425185	11382781	0.38	cps
Holmium	165-2	2154797	2111548	2108714	2125019	1.22	cps
Indium	115-1	8231678	8156691	8236672	8208347	0.55	cps
Indium	115-2	289998	285733	283929	286553	1.09	cps
Iron	56-2	48998240	49217077	49355259	49190192	0.37	cps
Iron	57-2	1227902	1235070	1233342	1232105	0.30	cps
Krypton	83-1	313	373	317	334	10.08	cps
Lead	206-1	2700867	2696867	2684537	2694091	0.32	cps
Lead	207-1	2473386	2472479	2429867	2458577	1.01	cps
Lead	208-1	11018750	11028259	10957191	11001400	0.35	cps
Lithium	6-1	1561863	1570169	1582503	1571512	0.66	cps
Magnesium	24-2	5478109	5495264	5501722	5491698	0.22	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	159340	160830	161376	160516	0.66	cps
Molybdenum	94-1	6499028	6435002	6498143	6477391	0.57	cps
Molybdenum	95-1	7940823	7904642	7922997	7922821	0.23	cps
Molybdenum	96-1	8861306	8842400	8884725	8862811	0.24	cps
Molybdenum	97-1	5061602	5078312	5029290	5056401	0.49	cps
Molybdenum	98-1	12756512	12742422	12681022	12726652	0.32	cps
Neodymium	150-1	160	173	247	193	24.14	cps
Neodymium	150-2	23	17	0	13	90.13	cps
Nickel	60-2	191203	193260	191767	192076	0.55	cps
Phosphorus	31-2	3167	2650	2859	2892	8.99	cps
Potassium	39-2	1351942	1341070	1354450	1349154	0.53	cps
Rhodium	103-1	7461274	7479643	7534606	7491841	0.51	cps
Rhodium	103-2	1837200	1799935	1826770	1821302	1.06	cps
Scandium	45-1	4953869	4842460	4851010	4882447	1.27	cps
Scandium	45-2	31111	31703	31085	31299	1.12	cps
Selenium	77-2	250	197	197	214	14.36	cps
Selenium	78-2	778	687	759	741	6.47	cps
Selenium	82-1	49531	49442	49294	49422	0.24	cps
Silicon	28-1	1977897	1943272	1977499	1966223	1.01	cps
Silver	109-1	3827363	3763647	3745903	3778971	1.13	cps
Silver	107-1	3898486	3936394	3943374	3926085	0.62	cps
Sodium	23-2	12270823	12186239	12259165	12238742	0.37	cps
Strontium	86-1	981595	988414	986334	985447	0.35	cps
Strontium	88-1	8509998	8545610	8570882	8542163	0.36	cps
Sulfur	34-1	580980	583709	580817	581835	0.28	cps
Terbium	159-1	11721201	11683203	11774052	11726152	0.39	cps
Terbium	159-2	2026599	2028988	2022670	2026086	0.16	cps
Thallium	203-1	3328537	3287021	3313035	3309531	0.63	cps
Thallium	205-1	7750270	7737236	7767433	7751647	0.20	cps
Tin	118-1	2666284	2731736	2664648	2687556	1.42	cps
Titanium	47-1	2130063	2091222	2128949	2116745	1.04	cps
Uranium	238-1	10815038	10913133	10856396	10861522	0.45	cps
Vanadium	51-2	220195	220141	219671	220003	0.13	cps
Yttrium	89-1	8658768	8650469	8604978	8638071	0.34	cps
Yttrium	89-2	219285	215801	217317	217468	0.80	cps
Zinc	66-2	91929	92942	93157	92676	0.71	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:37:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5439166	5403620	5420586	5421124	0.33	cps
Zirconium	91-1	1201345	1201309	1209359	1204004	0.39	cps

LB Number : LB97294 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P8
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-14 18:41:59 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	15	15	13	34.64	cps
Antimony	121-1	5135	5326	5460	5307	3.08	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	42	158	158	119	56.39	cps
Barium	137-1	192	175	75	147	42.86	cps
Beryllium	9-1	383	350	272	335	17.01	cps
Bismuth	209-1	7482059	7507442	7117695	7369065	2.96	cps
Bismuth	209-2	1803032	1838574	1857032	1832879	1.50	cps
Boron	10-1	2567	2184	2175	2309	9.69	cps
Boron	11-1	11655	11789	10930	11458	4.03	cps
Cadmium	111-1	1271	1316	1471	1353	7.76	cps
Cadmium	106-1	1725	1775	1975	1825	7.25	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	483	675	533	564	17.63	cps
Calcium	44-1	17988	17971	17879	17946	0.33	cps
Chromium	52-2	283	343	317	314	9.56	cps
Cobalt	59-2	43	43	30	39	19.79	cps
Copper	63-2	2210	2124	2020	2118	4.49	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	67	67	56	34.63	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	11358868	11418267	10903717	11226951	2.51	cps
Holmium	165-2	2156322	2178842	2197566	2177576	0.95	cps
Indium	115-1	8610303	8527791	8225976	8454690	2.39	cps
Indium	115-2	306001	307936	309822	307920	0.62	cps
Iron	56-2	2128	2050	2128	2102	2.14	cps
Iron	57-2	44	61	67	57	20.14	cps
Krypton	83-1	327	270	317	304	9.94	cps
Lead	206-1	506	511	472	496	4.24	cps
Lead	207-1	422	378	550	450	19.87	cps
Lead	208-1	2039	2033	2189	2087	4.23	cps
Lithium	6-1	1643527	1638149	1593749	1625142	1.68	cps
Magnesium	24-2	258	342	342	314	15.33	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:41:59	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	43	40	38	18.36	cps
Molybdenum	94-1	1884	1809	1900	1864	2.62	cps
Molybdenum	95-1	2009	1700	1825	1845	8.41	cps
Molybdenum	96-1	2650	2234	2259	2381	9.82	cps
Molybdenum	97-1	1458	1350	1200	1336	9.71	cps
Molybdenum	98-1	3576	2784	2942	3101	13.52	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	80	103	88	15.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1725	2217	2017	1986	12.45	cps
Rhodium	103-1	8046345	8023679	7662507	7910844	2.72	cps
Rhodium	103-2	1963387	1962857	1990717	1972320	0.81	cps
Scandium	45-1	4932737	4970585	4733699	4879007	2.61	cps
Scandium	45-2	32227	32458	32892	32526	1.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	17	108	19	48	108.64	cps
Silicon	28-1	310188	307436	310546	309390	0.55	cps
Silver	109-1	608	558	600	589	4.55	cps
Silver	107-1	808	700	558	689	18.20	cps
Sodium	23-2	8403	8436	9045	8628	4.19	cps
Strontium	86-1	533	542	567	547	3.17	cps
Strontium	88-1	358	300	317	325	9.24	cps
Sulfur	34-1	347481	349918	347868	348422	0.38	cps
Terbium	159-1	11553188	11628957	11170191	11450779	2.15	cps
Terbium	159-2	2047419	2071576	2090540	2069845	1.04	cps
Thallium	203-1	517	450	483	483	6.90	cps
Thallium	205-1	1392	1258	1108	1253	11.32	cps
Tin	118-1	2759	2534	2542	2611	4.89	cps
Titanium	47-1	133	125	208	156	29.51	cps
Uranium	238-1	217	233	125	192	30.43	cps
Vanadium	51-2	17	10	3	10	66.70	cps
Yttrium	89-1	8717431	8759025	8420740	8632399	2.14	cps
Yttrium	89-2	222587	224968	228296	225284	1.27	cps
Zinc	66-2	123	90	103	106	15.90	cps

LB Number :	LB97294	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-14 18:41:59	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2359	2092	2375	2275	6.99	cps
Zirconium	91-1	400	475	542	472	15.01	cps