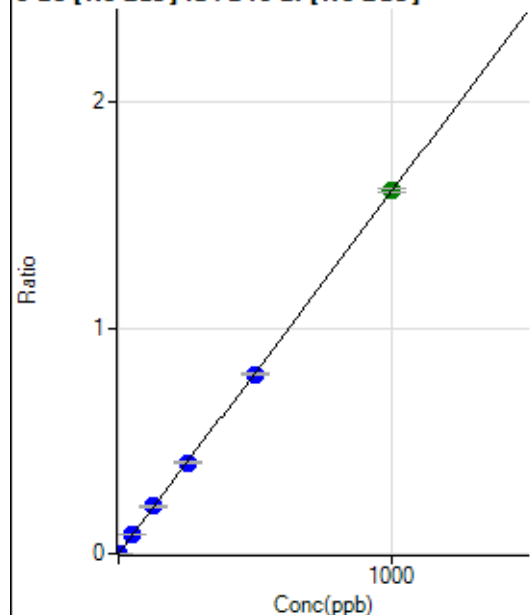


Batch Folder: D:\P8063017-MS.b\
Analysis File: P8063017-MS.batch.bin
DA Date-Time: 2017-06-30 15:13:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2017-06-30 11:52:00
2			
3	006CALS.d	S02	2017-06-30 11:59:03
4	007CALS.d	S03	2017-06-30 12:02:31
5	008CALS.d	S04	2017-06-30 12:05:58
6	009CALS.d	S05	2017-06-30 12:09:22
7	010CALS.d	S06	2017-06-30 12:12:40
8	011CALS.d	S07	2017-06-30 12:15:52
9	012CALS.d	S08	2017-06-30 12:18:58

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.48	0.0001	P	36.2
2	☐	0.100					
3	☐	1.000	0.954	1592.73	0.0016	P	15.2
4	☐	50.000	51.328	74939.24	0.0825	P	2.9
5	☐	125.000	130.107	189830.37	0.2089	P	0.9
6	☐	250.000	251.115	376908.15	0.4031	P	1.3
7	☐	500.000	494.124	747147.66	0.7931	P	1.1
8	☐	1000.000	1001.954	1524648.89	1.6082	A	1.1
9	☐			429.65	0.0005	P	7.2

$$y = 0.0016 * x + 8.0866E-005$$

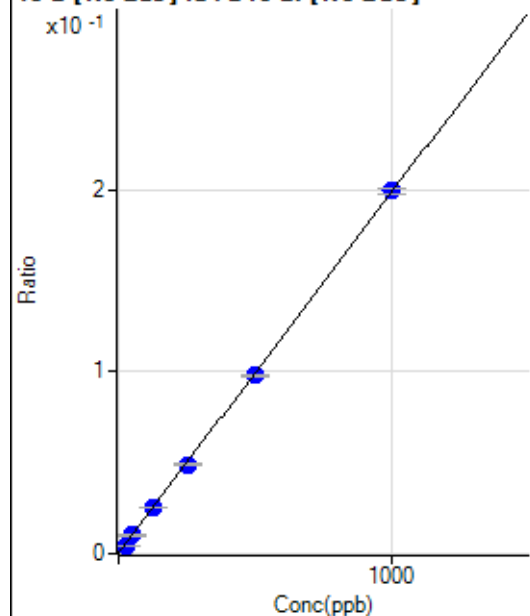
$$R = 1.0000$$

$$DL = 0.05478$$

$$BEC = 0.05038$$

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	344.47	0.0003	P	14.3
2	☐	2.500					
3	☐	25.000	20.940	4439.77	0.0045	P	1.3
4	☐	50.000	49.235	9172.75	0.0101	P	8.4
5	☐	125.000	126.179	23030.33	0.0253	P	2.3
6	☐	250.000	245.572	45818.42	0.0490	P	0.9
7	☐	500.000	492.406	92233.96	0.0979	P	1.4
8	☐	1000.000	1004.896	189094.24	0.1995	P	1.5
9	☐			6690.73	0.0071	P	10.6

$$y = 1.9815E-004 * x + 3.4231E-004$$

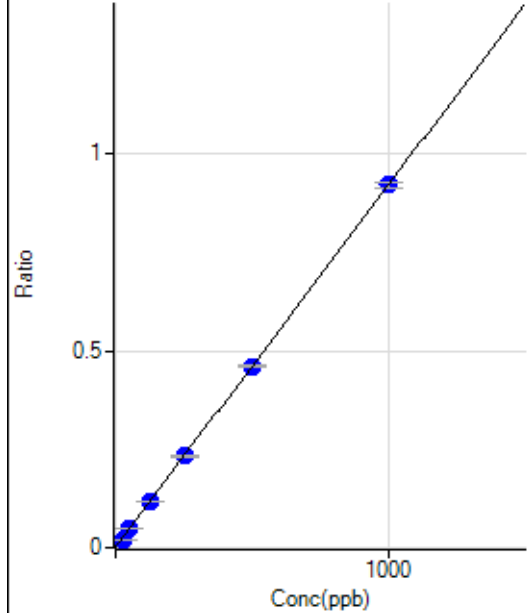
$$R = 0.9999$$

$$DL = 0.7412$$

$$BEC = 1.728$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1530.71	0.0015	P	3.5
2	☐	2.500					
3	☐	25.000	21.107	20701.75	0.0209	P	1.6
4	☐	50.000	50.854	43904.37	0.0483	P	2.0
5	☐	125.000	127.834	108254.34	0.1191	P	0.7
6	☐	250.000	251.160	217466.17	0.2326	P	1.6
7	☐	500.000	498.946	433854.39	0.4605	P	0.8
8	☐	1000.000	999.937	873537.00	0.9215	P	1.9
9	☐			30346.99	0.0324	P	6.8

$$y = 9.1999\text{E-}004 * x + 0.0015$$

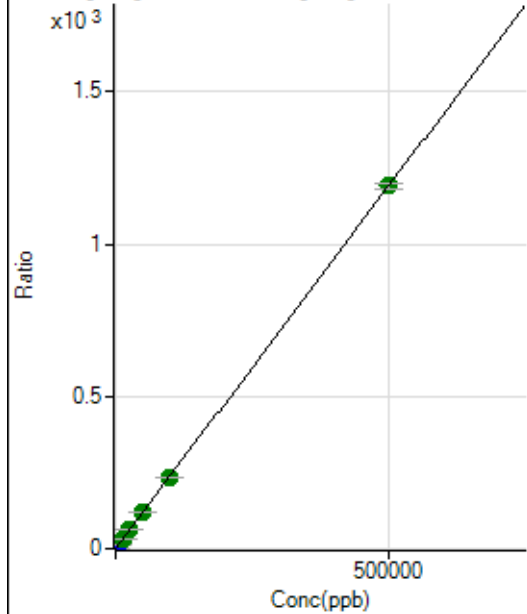
$$R = 1.0000$$

$$DL = 0.1723$$

$$BEC = 1.656$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5220.62	0.0937	P	7.6
2	☐	50.000					
3	☐	500.000	483.434	68233.28	1.2440	P	0.9
4	☐	5000.000	5212.543	629667.14	12.4969	P	0.6
5	☐	12500.000	13143.929	1587682.58	31.3696	A	1.1
6	☐	25000.000	25802.437	3075135.18	61.4905	A	1.7
7	☐	50000.000	49671.305	5860086.33	118.2864	A	0.7
8	☐	100000.00	97791.255	11456973.26	232.7877	A	0.8
9	☐	500000.00	500416.29	59332908.96	1,190.832	A	1.5

$$y = 0.0024 * x + 0.0937$$

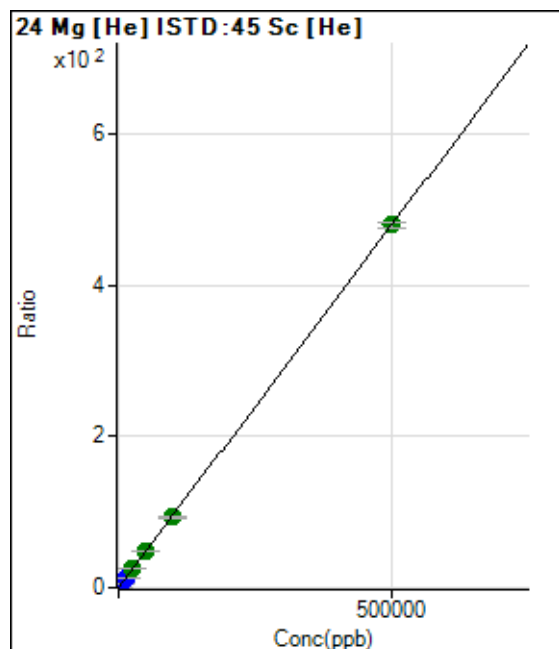
$$R = 1.0000$$

$$DL = 9.028$$

$$BEC = 39.38$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0019	P	14.8
2	☐	50.000					
3	☐	500.000	469.195	24786.36	0.4519	P	3.3
4	☐	5000.000	5166.852	249781.27	4.9574	P	0.4
5	☐	12500.000	12802.388	621549.89	12.2805	P	0.8
6	☐	25000.000	25981.641	1246365.00	24.9205	A	0.8
7	☐	50000.000	49968.237	2374315.53	47.9257	A	0.4
8	☐	100000.00	97003.742	4578825.54	93.0367	A	1.1
9	☐	500000.00	500544.14	23919698.63	480.0661	A	1.3

$$y = 9.5908\text{E-}004 * x + 0.0019$$

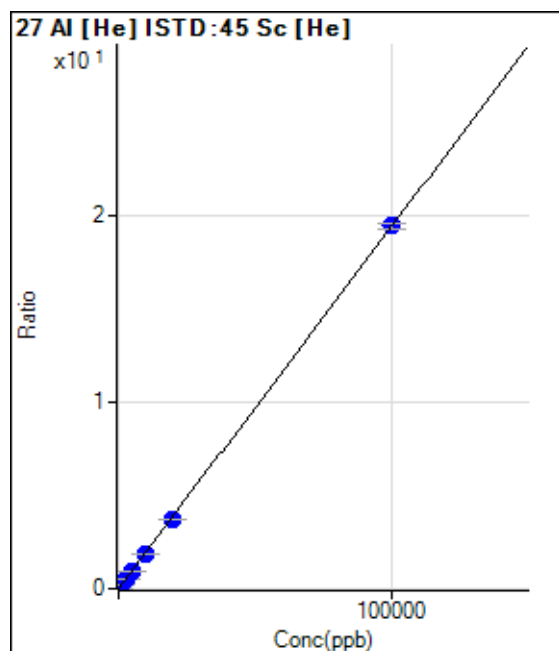
$$R = 1.0000$$

$$DL = 0.9012$$

$$BEC = 2.026$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0006	P	26.6
2	☐	2.000					
3	☐	20.000	16.205	208.35	0.0038	P	23.5
4	☐	1000.000	1045.870	10267.98	0.2038	P	3.8
5	☐	2500.000	2515.213	24761.32	0.4892	P	1.2
6	☐	5000.000	4980.718	48416.96	0.9681	P	2.5
7	☐	10000.000	9688.899	93270.19	1.8827	P	1.7
8	☐	20000.000	19112.695	182753.60	3.7132	P	0.4
9	☐	100000.00	100208.69	969881.05	19.4657	P	1.4

$$y = 1.9425\text{E-}004 * x + 6.4790\text{E-}004$$

$$R = 1.0000$$

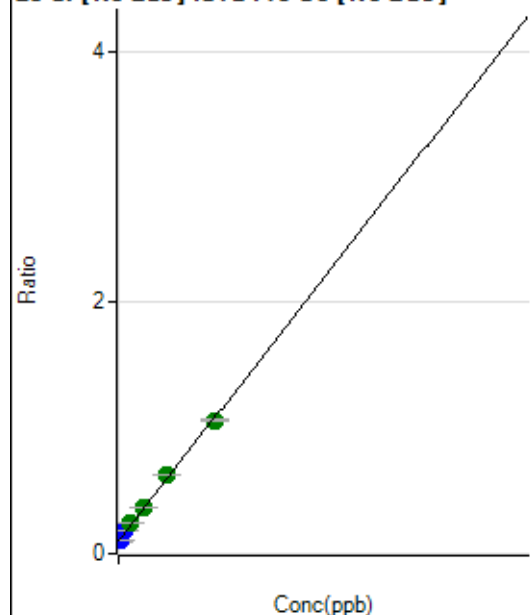
$$DL = 2.662$$

$$BEC = 3.335$$

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	452200.29	0.1000	P	1.2
2	☐	1.000					
3	☐	10.000	9.386	493901.80	0.1093	P	1.6
4	☐	50.000	87.737	766701.00	0.1867	P	0.4
5	☐	125.000	147.077	1022742.27	0.2453	A	1.8
6	☐	250.000	275.706	1554397.25	0.3723	A	1.1
7	☐	500.000	534.967	2631328.12	0.6283	A	0.2
8	☐	1000.000	971.449	4440020.28	1.0593	A	0.9
9	☐			523426.14	0.1260	P	0.8

$$y = 9.8752E-004 * x + 0.1000$$

$$R = 0.9983$$

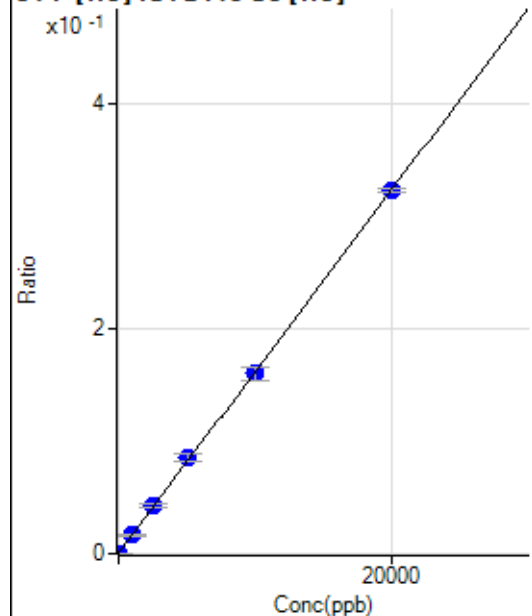
$$DL = 3.53$$

$$BEC = 101.3$$

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	-3.328	19.45	0.0003	P	24.8
2	☐	0.000					
3	☐	0.000	3.328	25.00	0.0005	P	33.8
4	☐	1000.000	993.698	827.84	0.0164	P	8.8
5	☐	2500.000	2613.094	2153.04	0.0425	P	8.1
6	☐	5000.000	5300.283	4292.51	0.0859	P	8.4
7	☐	10000.000	9915.173	7941.51	0.1603	P	7.5
8	☐	20000.000	19953.521	15856.81	0.3222	P	0.9
9	☐			27.78	0.0006	P	121.1

$$y = 1.6127E-005 * x + 4.0267E-004$$

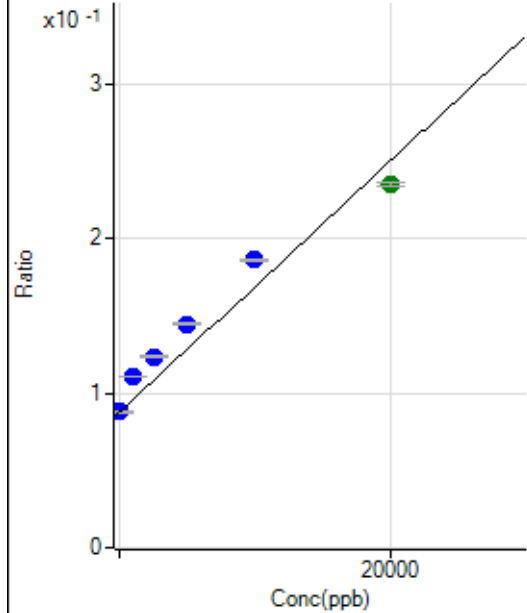
$$R = 0.9999$$

$$DL = 22.39$$

$$BEC = 24.97$$

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	3.560	398423.41	0.0881	P	0.6
2	☐	0.000					
3	☐	0.000	-3.560	398002.29	0.0881	P	1.1
4	☐	1000.000	2821.251	455868.73	0.1110	P	0.3
5	☐	2500.000	4411.783	516636.65	0.1239	P	1.6
6	☐	5000.000	6984.806	604465.59	0.1448	P	1.0
7	☐	10000.000	12128.061	781079.20	0.1865	P	0.6
8	☐	20000.000	18109.732	985146.51	0.2350	A	1.0
9	☐			429898.62	0.1035	P	0.1

$$y = 8.1148\text{E-}006 * x + 0.0881$$

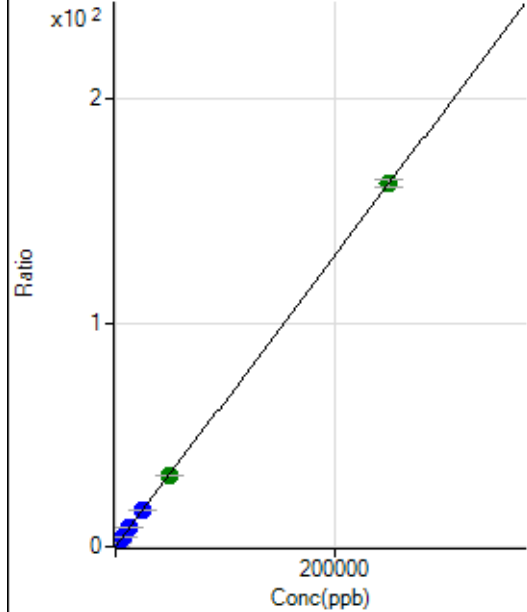
$$R = 0.9801$$

$$DL = 288$$

$$BEC = 1.086\text{E}+04$$

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	5117.84	0.0918	P	3.9
2	☐	50.000					
3	☐	500.000	474.484	21901.27	0.3993	P	2.8
4	☐	2500.000	2637.943	90758.26	1.8013	P	1.6
5	☐	6250.000	6454.288	216339.43	4.2745	P	1.1
6	☐	12500.000	12885.063	422198.32	8.4419	P	1.2
7	☐	25000.000	24921.953	804675.33	16.2424	P	0.1
8	☐	50000.000	49014.708	1567724.42	31.8557	A	1.8
9	☐	250000.00	250179.17	8082267.63	162.2198	A	2.1

$$y = 6.4805\text{E-}004 * x + 0.0918$$

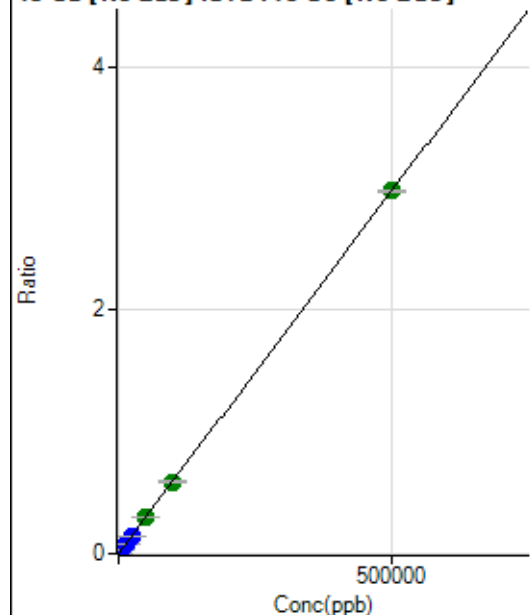
$$R = 1.0000$$

$$DL = 16.47$$

$$BEC = 141.7$$

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	6857.53	0.0015	P	5.7
2	☐	50.000					
3	☐	500.000	424.068	18265.34	0.0040	P	1.7
4	☐	5000.000	5011.340	128780.33	0.0314	P	0.0
5	☐	12500.000	12318.945	312165.07	0.0749	P	1.5
6	☐	25000.000	24674.848	619720.90	0.1484	P	0.3
7	☐	50000.000	49177.357	1232484.50	0.2943	A	1.2
8	☐	100000.00	98719.214	2469703.92	0.5893	A	1.1
9	☐	500000.00	500359.16	12383786.82	2.9805	A	0.6

$$y = 5.9537\text{E-}006 * x + 0.0015$$

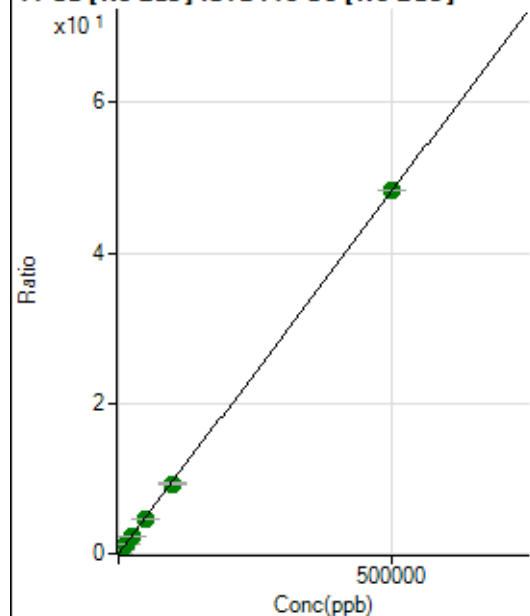
$$R = 1.0000$$

$$DL = 43.49$$

$$BEC = 254.8$$

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	97056.39	0.0215	P	0.4
2	☐	50.000					
3	☐	500.000	443.031	289802.97	0.0641	P	0.2
4	☐	5000.000	5116.220	2111272.38	0.5140	A	1.1
5	☐	12500.000	12271.045	5015643.43	1.2028	A	1.5
6	☐	25000.000	24465.463	9924228.69	2.3768	A	0.9
7	☐	50000.000	48329.605	19575201.83	4.6741	A	0.4
8	☐	100000.00	96498.337	39026083.86	9.3113	A	1.0
9	☐	500000.00	500898.71	200448239.2	48.2429	A	0.1

$$y = 9.6270\text{E-}005 * x + 0.0215$$

$$R = 1.0000$$

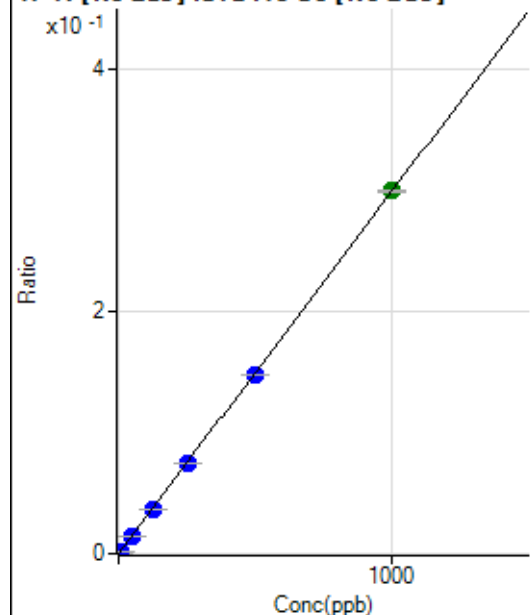
$$DL = 2.526$$

$$BEC = 223$$

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	219.46	0.0000	P	17.5
2	☐	0.500					
3	☐	5.000	4.668	6524.04	0.0014	P	3.1
4	☐	50.000	50.021	61580.71	0.0150	P	1.0
5	☐	125.000	124.215	154965.66	0.0372	P	0.5
6	☐	250.000	250.081	312154.68	0.0748	P	0.1
7	☐	500.000	493.930	618186.26	0.1476	P	0.5
8	☐	1000.000	1003.114	1256255.33	0.2997	A	0.7
9	☐			1411.25	0.0003	P	2.0

$$y = 2.9875\text{E-}004 * x + 4.8563\text{E-}005$$

$$R = 1.0000$$

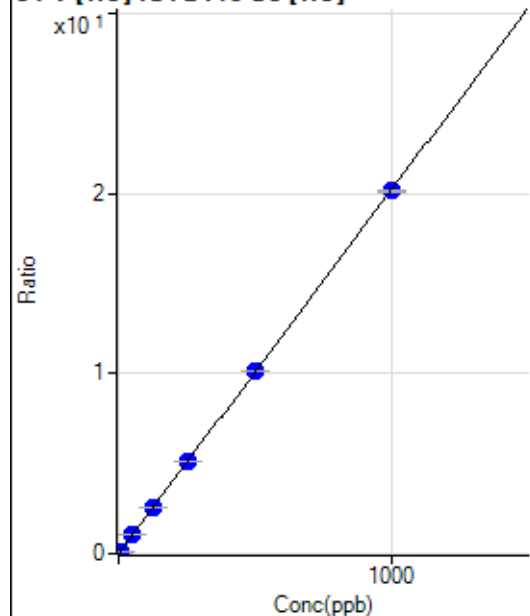
$$DL = 0.08545$$

$$BEC = 0.1626$$

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	21.11	0.0004	P	38.9
2	☐	0.500					
3	☐	5.000	4.541	5052.11	0.0921	P	2.6
4	☐	50.000	50.755	51677.30	1.0256	P	0.6
5	☐	125.000	126.420	129271.64	2.5541	P	0.6
6	☐	250.000	255.050	257691.24	5.1525	P	0.9
7	☐	500.000	503.020	503415.73	10.1615	P	0.5
8	☐	1000.000	997.015	991222.69	20.1403	P	0.9
9	☐			582.24	0.0117	P	4.2

$$y = 0.0202 * x + 3.7788\text{E-}004$$

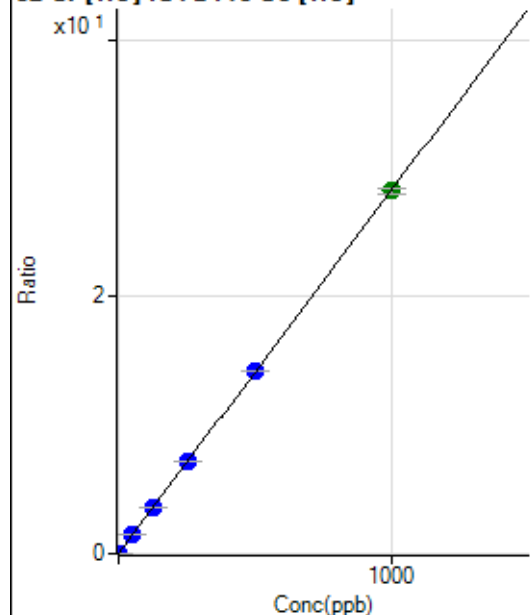
$$R = 1.0000$$

$$DL = 0.02182$$

$$BEC = 0.01871$$

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	998.94	0.0179	P	3.8
2	☐	0.200					
3	☐	2.000	1.946	3998.42	0.0729	P	4.5
4	☐	50.000	51.199	73796.40	1.4646	P	0.3
5	☐	125.000	127.341	183026.44	3.6162	P	0.7
6	☐	250.000	254.557	360638.51	7.2109	P	1.0
7	☐	500.000	500.673	701774.94	14.1654	P	0.4
8	☐	1000.000	998.172	1389001.11	28.2232	A	1.4
9	☐			34748.79	0.6974	P	1.7

$$y = 0.0283 * x + 0.0179$$

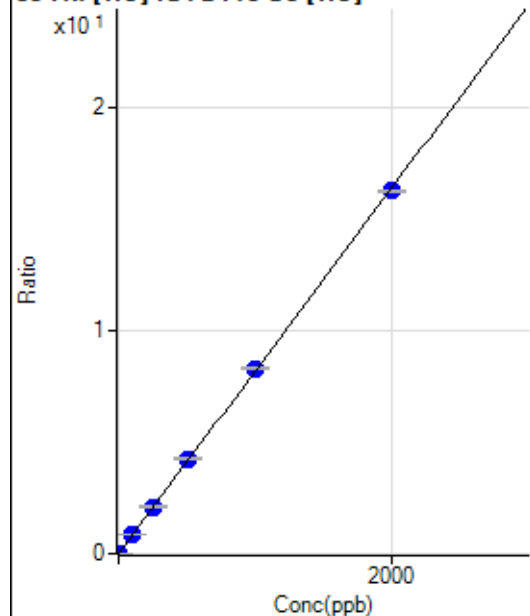
$$R = 1.0000$$

$$DL = 0.07235$$

$$BEC = 0.6345$$

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	72.23	0.0013	P	3.5
2	☐	0.100					
3	☐	1.000	0.963	504.46	0.0092	P	2.1
4	☐	100.000	105.006	43482.12	0.8630	P	0.2
5	☐	250.000	257.706	107101.79	2.1161	P	0.6
6	☐	500.000	519.405	213234.35	4.2636	P	1.1
7	☐	1000.000	1015.738	413008.29	8.3366	P	0.4
8	☐	2000.000	1986.066	802189.88	16.2993	P	0.8
9	☐			3447.16	0.0692	P	5.1

$$y = 0.0082 * x + 0.0013$$

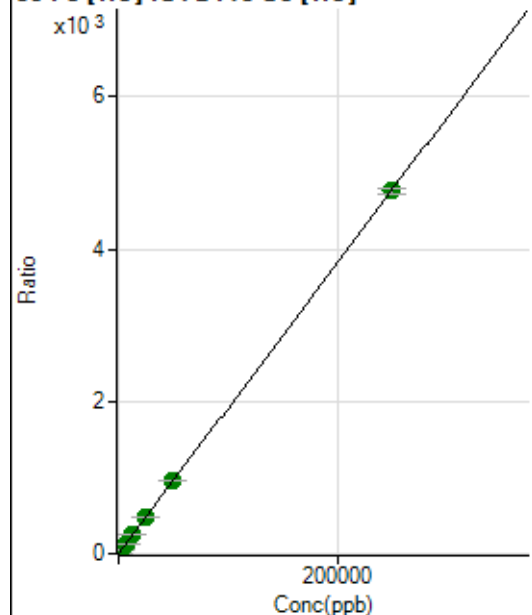
$$R = 0.9999$$

$$DL = 0.01657$$

$$BEC = 0.158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3967.36	0.0712	P	2.9
2	☐	5.000					
3	☐	50.000	46.913	52961.87	0.9656	P	0.4
4	☐	2500.000	2651.299	2550524.51	50.6206	A	0.8
5	☐	6250.000	6481.602	6258230.58	123.6489	A	0.9
6	☐	12500.000	13043.664	12441117.99	248.7606	A	1.1
7	☐	25000.000	25478.448	24069323.45	485.8412	A	0.1
8	☐	50000.000	50016.846	46936512.16	953.6882	A	0.9
9	☐	250000.00	249914.30	237411931.2	4,764.916	A	1.4

$$y = 0.0191 * x + 0.0712$$

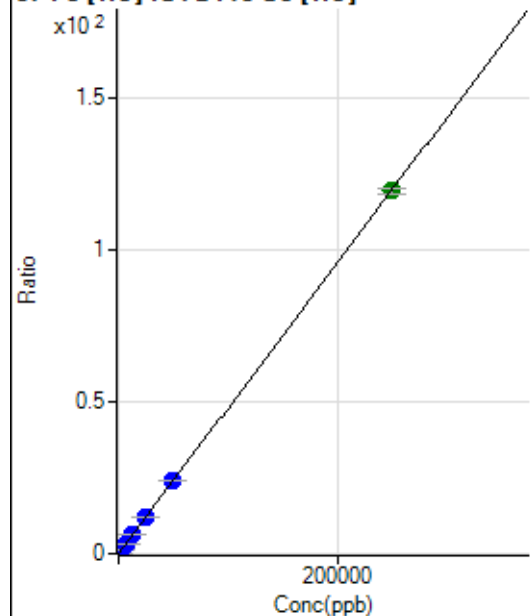
$$R = 1.0000$$

$$DL = 0.3211$$

$$BEC = 3.734$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	137.04	0.0025	P	7.5
2	☐	5.000					
3	☐	50.000	46.626	1357.51	0.0247	P	2.4
4	☐	2500.000	2582.104	62324.49	1.2370	P	0.1
5	☐	6250.000	6491.118	157192.72	3.1058	P	1.0
6	☐	12500.000	12956.765	309942.06	6.1970	P	1.1
7	☐	25000.000	25529.656	604807.54	12.2081	P	0.3
8	☐	50000.000	50268.299	1182952.57	24.0355	P	0.5
9	☐	250000.00	249863.68	5952206.09	119.4612	A	1.3

$$y = 4.7810E-004 * x + 0.0025$$

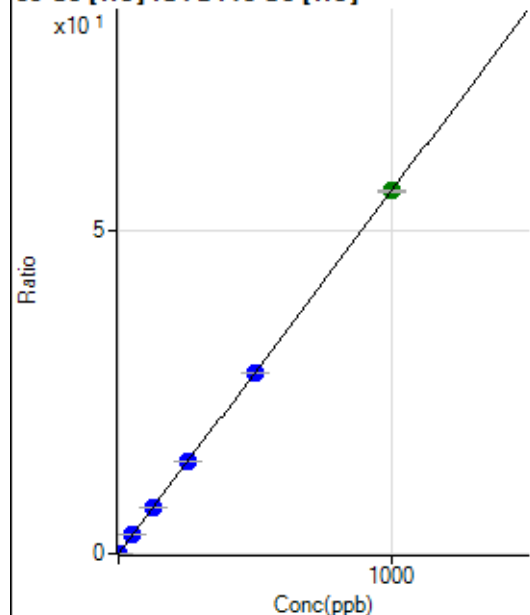
$$R = 1.0000$$

$$DL = 1.162$$

$$BEC = 5.141$$

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	107.78	0.0019	P	26.0
2	☐	0.100					
3	☐	1.000	0.906	2898.12	0.0528	P	1.9
4	☐	50.000	51.008	144457.04	2.8670	P	0.3
5	☐	125.000	126.966	361046.34	7.1336	P	1.0
6	☐	250.000	253.728	712890.07	14.2539	P	0.8
7	☐	500.000	497.682	1385025.49	27.9568	P	0.2
8	☐	1000.000	999.931	2764386.28	56.1682	A	0.7
9	☐			4573.05	0.0918	P	1.4

$$y = 0.0562 * x + 0.0019$$

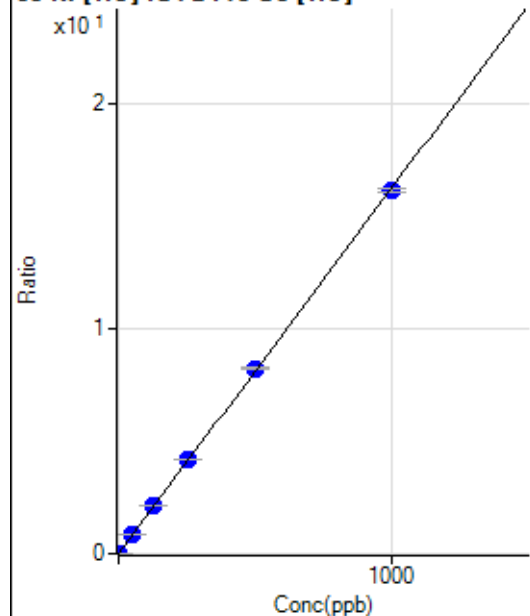
$$R = 1.0000$$

$$DL = 0.02683$$

$$BEC = 0.03444$$

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	81.11	0.0015	P	12.6
2	☐	0.100					
3	☐	1.000	1.019	985.61	0.0180	P	3.7
4	☐	50.000	51.968	42513.78	0.8438	P	0.9
5	☐	125.000	130.223	106906.45	2.1122	P	1.3
6	☐	250.000	259.001	210033.73	4.1995	P	0.7
7	☐	500.000	507.830	407860.64	8.2327	P	0.2
8	☐	1000.000	993.083	792279.62	16.0980	P	0.9
9	☐			11995.34	0.2408	P	3.4

$$y = 0.0162 * x + 0.0015$$

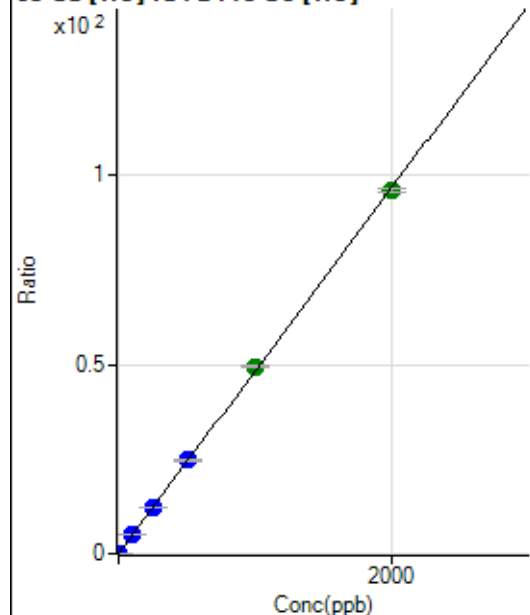
$$R = 0.9999$$

$$DL = 0.03403$$

$$BEC = 0.08985$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	436.68	0.0078	P	7.4
2	☐	0.200					
3	☐	2.000	2.193	6242.63	0.1138	P	3.0
4	☐	100.000	102.627	250292.76	4.9676	P	0.5
5	☐	250.000	255.898	626318.37	12.3749	P	1.0
6	☐	500.000	511.452	1236574.79	24.7253	P	1.0
7	☐	1000.000	1023.499	2450895.24	49.4715	A	0.5
8	☐	2000.000	1984.519	4720601.18	95.9157	A	0.9
9	☐			9577.90	0.1923	P	5.5

$$y = 0.0483 * x + 0.0078$$

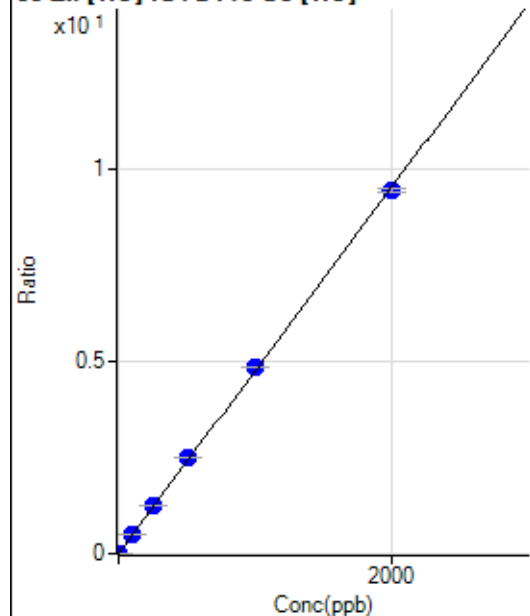
$$R = 0.9999$$

$$DL = 0.03603$$

$$BEC = 0.1622$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0014	P	29.3
2	☐	0.200					
3	☐	2.000	2.027	608.92	0.0111	P	9.4
4	☐	100.000	105.558	25443.51	0.5050	P	0.8
5	☐	250.000	262.748	63506.82	1.2548	P	1.7
6	☐	500.000	524.627	125232.08	2.5041	P	1.4
7	☐	1000.000	1021.132	241395.56	4.8726	P	0.3
8	☐	2000.000	1981.406	465259.37	9.4534	P	0.9
9	☐			3237.11	0.0650	P	4.8

$$y = 0.0048 * x + 0.0014$$

$$R = 0.9998$$

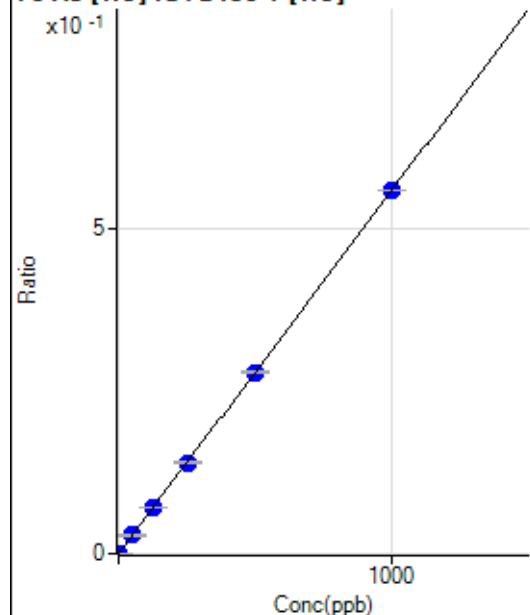
$$DL = 0.2638$$

$$BEC = 0.3005$$

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	9.26	0.0000	P	39.7
2	☐	0.100					
3	☐	1.000	0.913	184.57	0.0005	P	17.3
4	☐	50.000	50.562	8910.35	0.0282	P	1.3
5	☐	125.000	127.705	22492.46	0.0712	P	1.4
6	☐	250.000	251.191	44804.95	0.1401	P	0.9
7	☐	500.000	499.681	88264.40	0.2786	P	1.2
8	☐	1000.000	999.496	173697.65	0.5572	P	0.2
9	☐			90.12	0.0003	P	2.7

$$y = 5.5750\text{E-}004 * x + 2.6372\text{E-}005$$

$$R = 1.0000$$

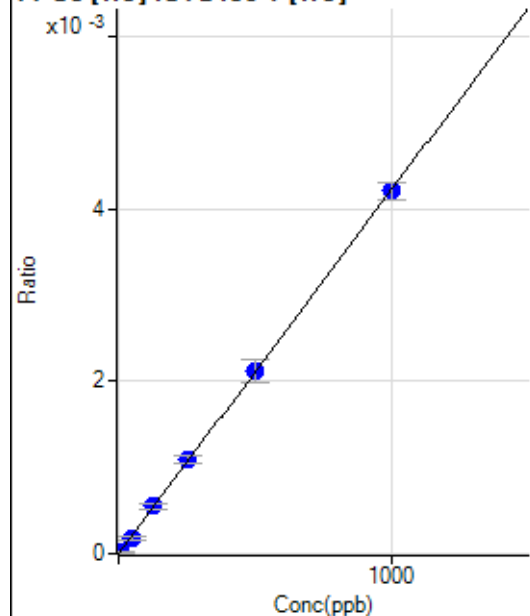
$$DL = 0.0564$$

$$BEC = 0.0473$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.567	6.67	0.0000	P	100.0
4	☐	50.000	44.129	58.89	0.0002	P	25.2
5	☐	125.000	130.037	173.34	0.0005	P	12.3
6	☐	250.000	257.432	347.79	0.0011	P	8.4
7	☐	500.000	501.504	671.14	0.0021	P	13.2
8	☐	1000.000	997.056	1312.31	0.0042	P	4.7
9	☐			3.33	0.0000	P	0.5

$$y = 4.2228\text{E-}006 * x + 0.0000\text{E+}000$$

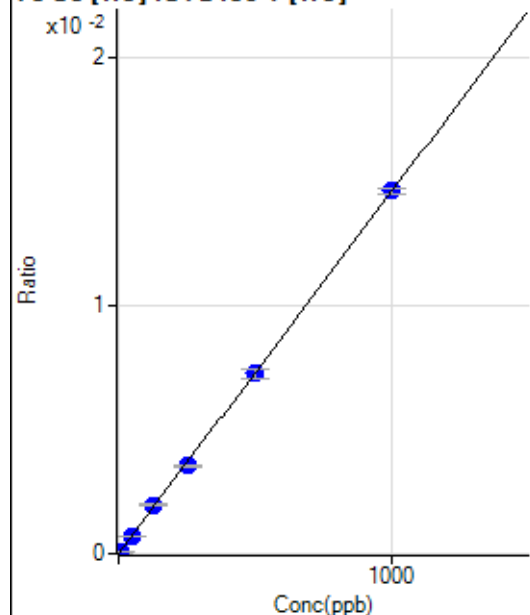
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

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	86.6
2	☐	0.500					
3	☐	5.000	4.806	26.54	0.0001	P	35.0
4	☐	50.000	47.255	219.76	0.0007	P	8.1
5	☐	125.000	134.039	619.16	0.0020	P	4.7
6	☐	250.000	243.137	1135.86	0.0036	P	2.1
7	☐	500.000	497.239	2298.36	0.0073	P	4.7
8	☐	1000.000	1002.105	4554.50	0.0146	P	1.3
9	☐			6.79	0.0000	P	15.5

$$y = 1.4574E-005 * x + 7.0416E-006$$

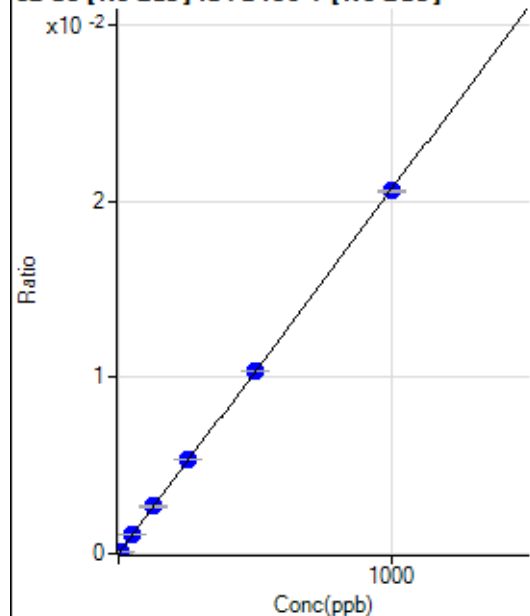
$$R = 0.9999$$

$$DL = 1.255$$

$$BEC = 0.4832$$

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	15.95	0.0000	P	1026.
2	☐	0.500					
3	☐	5.000	4.329	605.37	0.0001	P	14.2
4	☐	50.000	51.983	6507.39	0.0011	P	1.0
5	☐	125.000	130.283	16349.46	0.0027	P	2.0
6	☐	250.000	257.178	33203.53	0.0053	P	0.4
7	☐	500.000	502.940	65846.66	0.0104	P	0.4
8	☐	1000.000	995.979	132520.45	0.0206	P	0.5
9	☐			105.96	0.0000	P	5.6

$$y = 2.0645E-005 * x + 2.4116E-006$$

$$R = 1.0000$$

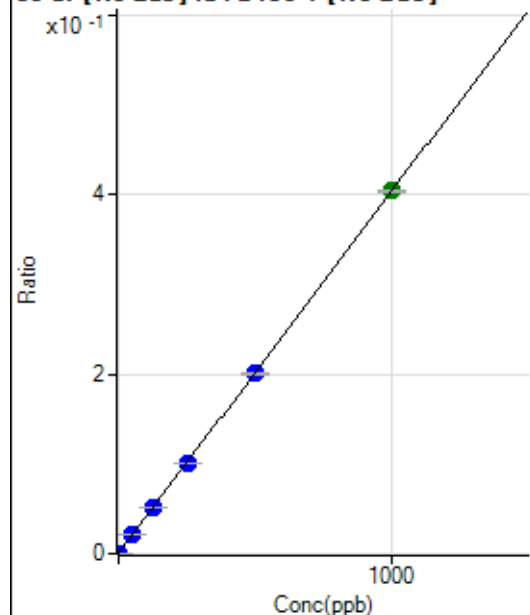
$$DL = 3.598$$

$$BEC = 0.1168$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2600.36	0.0004	P	1.3
2	☐	0.100					
3	☐	1.000	0.859	4851.10	0.0007	P	5.4
4	☐	50.000	50.523	125659.69	0.0208	P	0.4
5	☐	125.000	125.788	310543.38	0.0511	P	0.3
6	☐	250.000	249.603	631862.36	0.1011	P	1.1
7	☐	500.000	496.981	1273682.29	0.2009	P	0.5
8	☐	1000.000	1001.484	2606212.15	0.4044	A	0.6
9	☐			88958.83	0.0142	P	0.9

$$y = 4.0343\text{E-}004 * x + 3.8881\text{E-}004$$

$$R = 1.0000$$

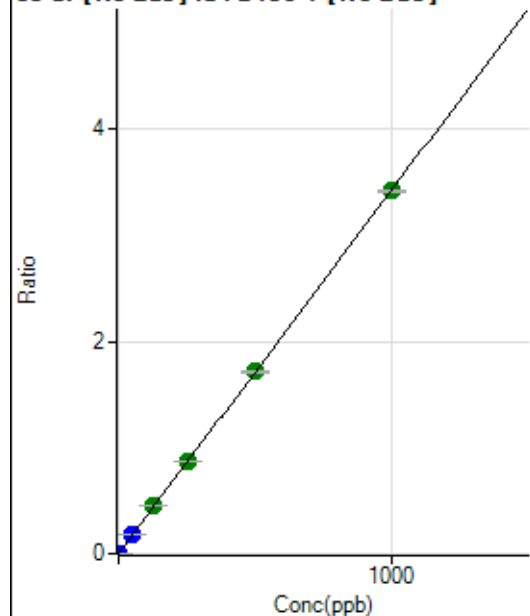
$$DL = 0.03765$$

$$BEC = 0.9638$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	39.4
2	☐	0.100					
3	☐	1.000	0.947	21551.15	0.0033	P	1.2
4	☐	50.000	51.220	1060919.18	0.1754	P	0.3
5	☐	125.000	130.201	2706929.66	0.4457	A	0.7
6	☐	250.000	253.811	5431228.72	0.8689	A	1.1
7	☐	500.000	500.050	10853741.22	1.7119	A	0.1
8	☐	1000.000	998.311	22024222.20	3.4176	A	0.6
9	☐			737737.73	0.1176	P	0.8

$$y = 0.0034 * x + 2.5022\text{E-}005$$

$$R = 1.0000$$

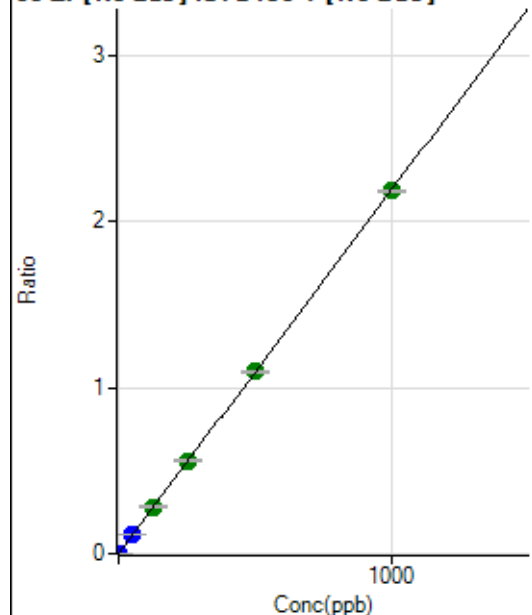
$$DL = 0.008636$$

$$BEC = 0.007309$$

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	433.36	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	0.881	13148.59	0.0020	P	2.2
4	☐	50.000	50.549	669750.79	0.1107	P	0.4
5	☐	125.000	129.514	1722032.68	0.2836	A	0.5
6	☐	250.000	255.671	3498554.25	0.5597	A	0.8
7	☐	500.000	500.651	6948792.17	1.0959	A	0.5
8	☐	1000.000	997.665	14073381.39	2.1839	A	0.4
9	☐			3261.67	0.0005	P	0.7

$$y = 0.0022 * x + 6.4899E-005$$

$$R = 1.0000$$

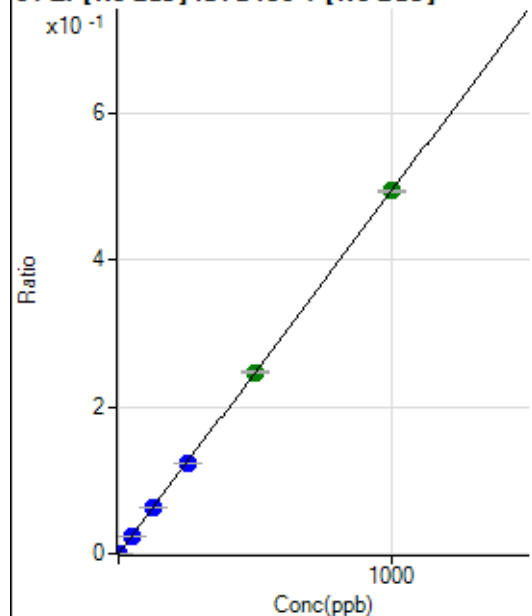
$$DL = 0.01103$$

$$BEC = 0.02965$$

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	91.67	0.0000	P	36.2
2	☐	0.100					
3	☐	1.000	0.879	2958.79	0.0004	P	4.2
4	☐	50.000	49.887	149356.13	0.0247	P	0.6
5	☐	125.000	125.069	375768.64	0.0619	P	0.4
6	☐	250.000	248.564	768602.41	0.1230	P	0.9
7	☐	500.000	500.324	1569105.53	0.2475	A	0.7
8	☐	1000.000	1000.194	3188251.22	0.4947	A	0.3
9	☐			713.94	0.0001	P	11.8

$$y = 4.9463E-004 * x + 1.3717E-005$$

$$R = 1.0000$$

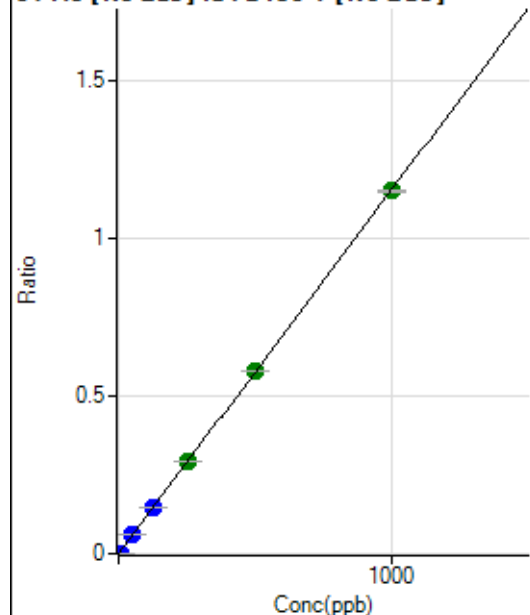
$$DL = 0.03012$$

$$BEC = 0.02773$$

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	163.89	0.0000	P	27.6
2	☐	0.500					
3	☐	5.000	2.013	15470.53	0.0023	P	0.9
4	☐	50.000	50.327	351203.50	0.0581	P	0.3
5	☐	125.000	126.879	888593.30	0.1463	P	0.6
6	☐	250.000	255.416	1841075.52	0.2945	A	0.3
7	☐	500.000	501.714	3668096.18	0.5785	A	0.6
8	☐	1000.000	997.553	7412693.83	1.1503	A	0.9
9	☐			10585.17	0.0017	P	1.1

$$y = 0.0012 * x + 2.4502E-005$$

$$R = 1.0000$$

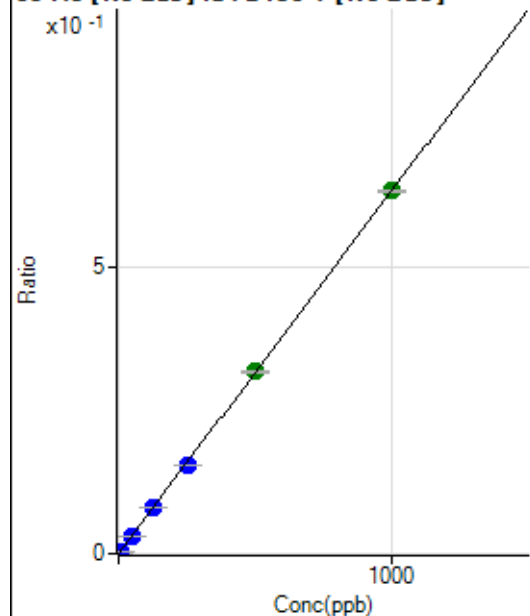
$$DL = 0.01761$$

$$BEC = 0.02125$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	23.3
2	☐	0.500					
3	☐	5.000	4.373	18310.29	0.0028	P	5.1
4	☐	50.000	49.196	188441.77	0.0311	P	0.2
5	☐	125.000	125.570	482753.98	0.0795	P	0.9
6	☐	250.000	245.149	970045.63	0.1552	P	0.7
7	☐	500.000	501.376	2012381.62	0.3174	A	0.5
8	☐	1000.000	1000.497	4081457.51	0.6333	A	0.4
9	☐			16644.12	0.0027	P	2.2

$$y = 6.3302E-004 * x + 7.8845E-006$$

$$R = 1.0000$$

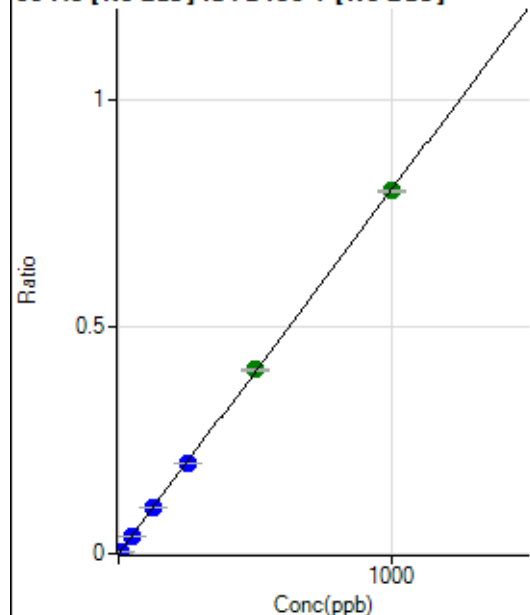
$$DL = 0.008703$$

$$BEC = 0.01246$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	20.4
2	☐	0.500					
3	☐	5.000	3.884	20574.81	0.0031	P	4.3
4	☐	50.000	49.595	240134.93	0.0397	P	2.3
5	☐	125.000	126.338	614054.71	0.1011	P	0.0
6	☐	250.000	247.418	1237680.70	0.1980	P	1.0
7	☐	500.000	506.729	2571309.93	0.4055	A	1.2
8	☐	1000.000	997.139	5142448.90	0.7980	A	0.3
9	☐			19729.01	0.0031	P	0.6

$$y = 8.0027\text{E-}004 * x + 1.0410\text{E-}005$$

$$R = 1.0000$$

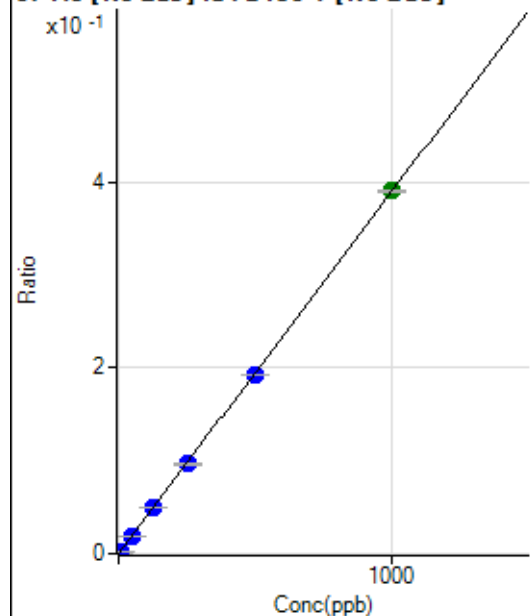
$$DL = 0.007972$$

$$BEC = 0.01301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	31.7
2	☐	0.500					
3	☐	5.000	4.368	11252.33	0.0017	P	2.1
4	☐	50.000	49.697	116940.63	0.0193	P	1.3
5	☐	125.000	125.681	296814.16	0.0489	P	0.4
6	☐	250.000	247.976	602726.99	0.0964	P	0.9
7	☐	500.000	494.482	1219049.47	0.1923	P	0.3
8	☐	1000.000	1003.198	2513772.26	0.3901	A	0.2
9	☐			10204.26	0.0016	P	1.6

$$y = 3.8883\text{E-}004 * x + 7.4444\text{E-}006$$

$$R = 1.0000$$

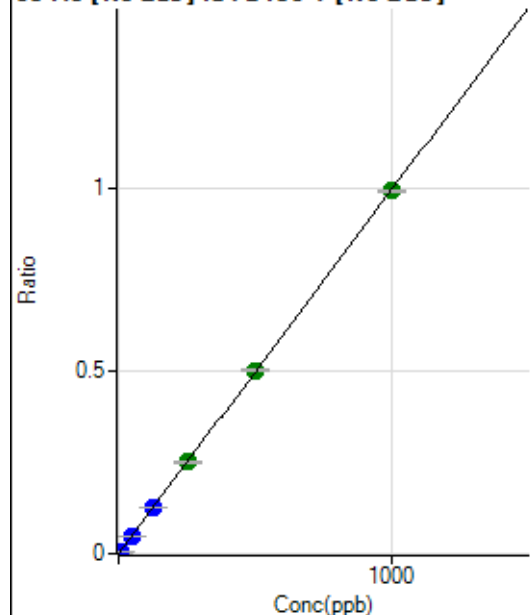
$$DL = 0.0182$$

$$BEC = 0.01915$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	49.8
2	☐	0.500					
3	☐	5.000	4.490	29563.79	0.0045	P	2.4
4	☐	50.000	49.647	299101.13	0.0494	P	1.1
5	☐	125.000	126.486	764873.58	0.1259	P	0.2
6	☐	250.000	251.965	1568142.62	0.2509	A	1.4
7	☐	500.000	503.743	3180003.35	0.5016	A	0.7
8	☐	1000.000	997.472	6400207.31	0.9932	A	0.4
9	☐			26117.61	0.0042	P	1.4

$$y = 9.9566E-004 * x + 1.1191E-005$$

$$R = 1.0000$$

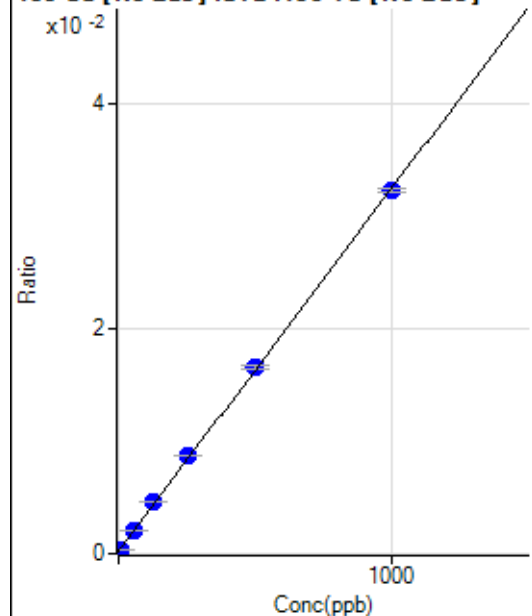
$$DL = 0.01679$$

$$BEC = 0.01124$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1941.88	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	0.660	2016.90	0.0003	P	1.7
4	☐	50.000	54.520	11510.96	0.0021	P	2.0
5	☐	125.000	133.890	26276.65	0.0046	P	3.3
6	☐	250.000	261.362	51248.50	0.0087	P	1.5
7	☐	500.000	505.947	100747.82	0.0166	P	2.5
8	☐	1000.000	992.849	202592.17	0.0323	P	1.0
9	☐			1805.76	0.0003	P	3.7

$$y = 3.2199E-005 * x + 3.1426E-004$$

$$R = 0.9999$$

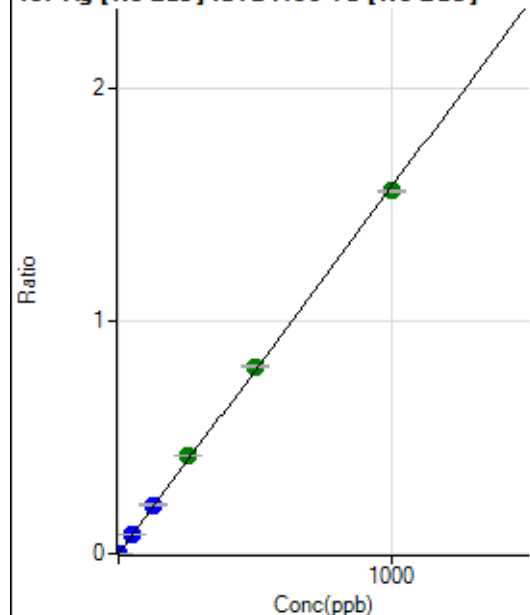
$$DL = 2.318$$

$$BEC = 9.76$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	38.3
2	☐	0.100					
3	☐	1.000	1.415	13465.72	0.0022	P	3.8
4	☐	50.000	53.967	472716.22	0.0850	P	1.2
5	☐	125.000	133.287	1192483.67	0.2099	P	1.6
6	☐	250.000	269.618	2492488.99	0.4246	A	0.0
7	☐	500.000	509.565	4868706.88	0.8024	A	1.4
8	☐	1000.000	989.078	9774314.02	1.5575	A	0.5
9	☐			1880.78	0.0003	P	8.6

$$y = 0.0016 * x + 1.1238E-005$$

$$R = 0.9997$$

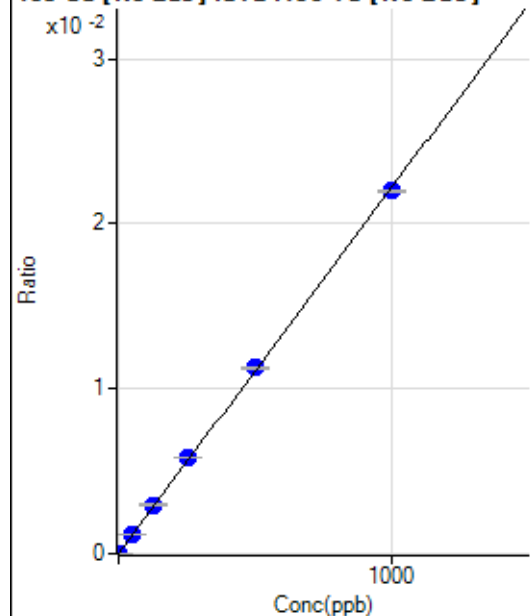
$$DL = 0.008211$$

$$BEC = 0.007137$$

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	25.00	0.0000	P	88.0
2	☐	0.100					
3	☐	1.000	0.985	155.56	0.0000	P	22.5
4	☐	50.000	53.415	6607.32	0.0012	P	2.3
5	☐	125.000	133.783	16870.55	0.0030	P	1.9
6	☐	250.000	262.474	34178.27	0.0058	P	0.4
7	☐	500.000	507.914	68336.42	0.0113	P	0.6
8	☐	1000.000	991.656	137969.88	0.0220	P	0.3
9	☐			51.39	0.0000	P	38.5

$$y = 2.2166E-005 * x + 4.0386E-006$$

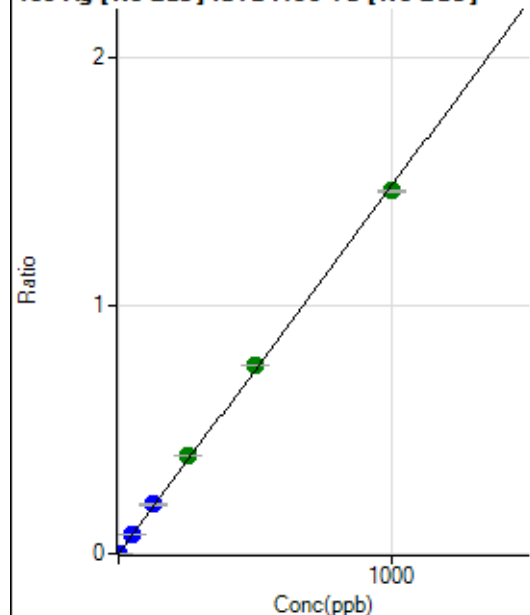
$$R = 0.9998$$

$$DL = 0.4811$$

$$BEC = 0.1822$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	1.364	12283.89	0.0020	P	4.8
4	☐	50.000	54.028	446029.33	0.0802	P	0.9
5	☐	125.000	134.128	1130924.82	0.1991	P	1.3
6	☐	250.000	268.029	2335056.78	0.3978	A	0.3
7	☐	500.000	514.373	4631668.33	0.7633	A	0.2
8	☐	1000.000	986.964	9191472.69	1.4646	A	0.3
9	☐			1789.10	0.0003	P	10.0

$$y = 0.0015 * x + 1.8410E-005$$

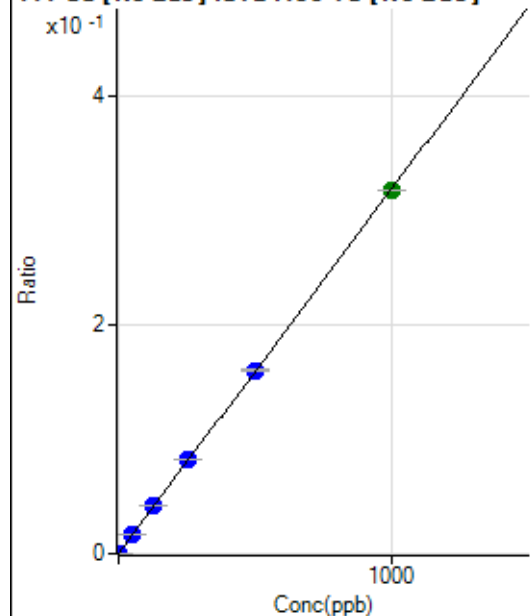
$$R = 0.9997$$

$$DL = 0.01327$$

$$BEC = 0.01241$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1372.37	0.0002	P	6.5
2	☐	0.100					
3	☐	1.000	0.999	3243.40	0.0005	P	2.8
4	☐	50.000	53.555	95876.91	0.0172	P	0.4
5	☐	125.000	132.386	240216.30	0.0423	P	1.6
6	☐	250.000	257.856	482230.38	0.0821	P	0.3
7	☐	500.000	503.313	971626.87	0.1601	P	0.1
8	☐	1000.000	995.279	1985804.92	0.3164	A	0.1
9	☐			1716.97	0.0003	P	4.2

$$y = 3.1771E-004 * x + 2.2210E-004$$

$$R = 0.9999$$

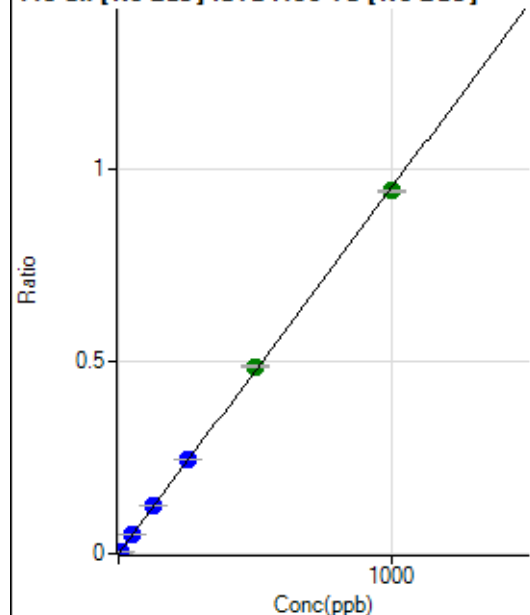
$$DL = 0.1356$$

$$BEC = 0.6991$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	816.73	0.0001	P	5.6
2	☐	0.500					
3	☐	5.000	4.733	27832.71	0.0046	P	1.3
4	☐	50.000	52.392	277653.43	0.0499	P	1.6
5	☐	125.000	130.956	707765.23	0.1246	P	1.8
6	☐	250.000	257.322	1436287.14	0.2447	P	0.6
7	☐	500.000	511.427	2949705.66	0.4861	A	0.5
8	☐	1000.000	991.593	5914317.89	0.9424	A	0.4
9	☐			5787.62	0.0010	P	5.7

$$y = 9.5030\text{E-}004 * x + 1.3223\text{E-}004$$

$$R = 0.9999$$

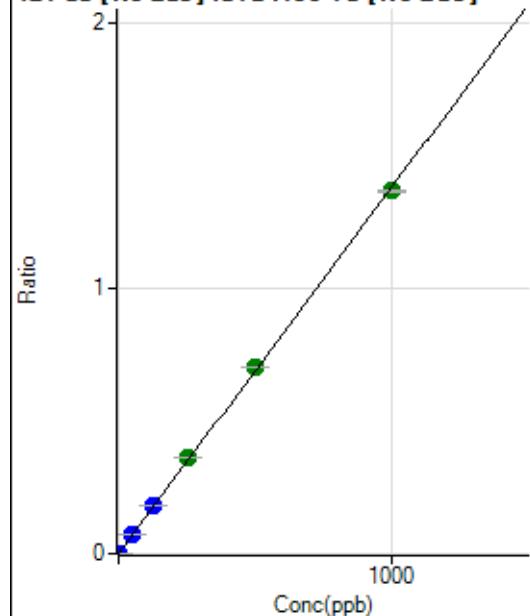
$$DL = 0.02328$$

$$BEC = 0.1391$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	34.2
2	☐	0.200					
3	☐	2.000	1.950	16232.79	0.0027	P	3.8
4	☐	50.000	52.631	404140.09	0.0727	P	1.2
5	☐	125.000	130.599	1024260.14	0.1803	P	1.4
6	☐	250.000	262.761	2129349.22	0.3627	A	1.2
7	☐	500.000	509.655	4268825.61	0.7035	A	0.4
8	☐	1000.000	991.151	8586256.18	1.3682	A	0.5
9	☐			18552.54	0.0031	P	1.7

$$y = 0.0014 * x + 8.9805\text{E-}006$$

$$R = 0.9998$$

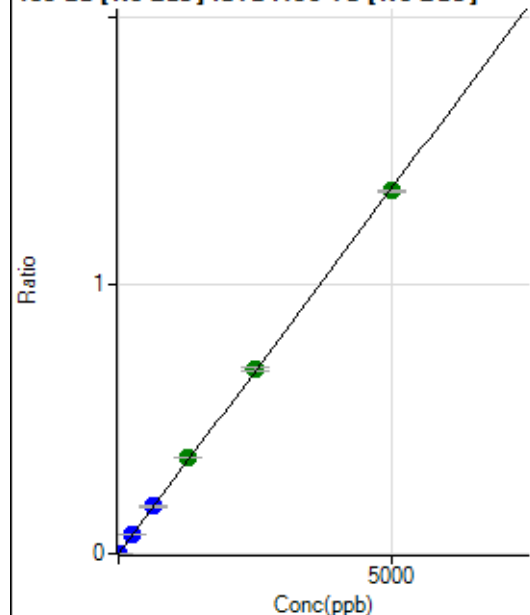
$$DL = 0.006672$$

$$BEC = 0.006506$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	37.4
2	☐	1.000					
3	☐	10.000	9.271	15195.39	0.0025	P	0.7
4	☐	250.000	260.329	393583.55	0.0708	P	1.7
5	☐	625.000	646.776	998823.19	0.1758	P	0.8
6	☐	1250.000	1308.082	2087219.62	0.3555	A	0.4
7	☐	2500.000	2527.179	4167990.76	0.6869	A	1.6
8	☐	5000.000	4968.653	8475161.21	1.3505	A	0.3
9	☐			3942.44	0.0007	P	2.2

$$y = 2.7180\text{E-}004 * x + 7.6560\text{E-}006$$

$$R = 0.9999$$

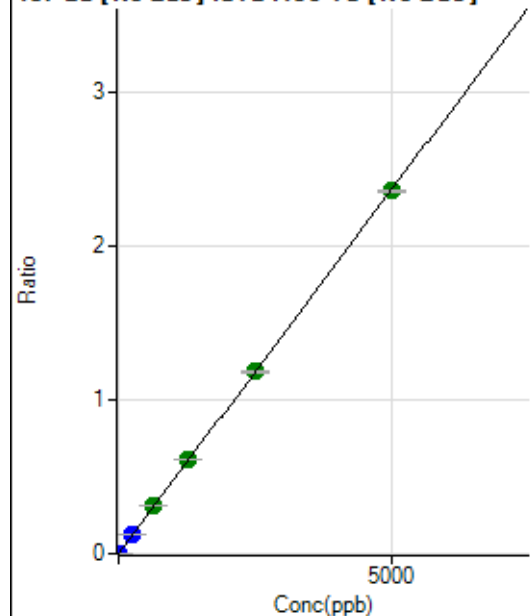
$$DL = 0.03162$$

$$BEC = 0.02817$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	28.5
2	☐	1.000					
3	☐	10.000	9.217	26240.85	0.0044	P	2.7
4	☐	250.000	258.223	678723.65	0.1220	P	1.3
5	☐	625.000	654.496	1757287.26	0.3093	A	0.5
6	☐	1250.000	1287.195	3570819.87	0.6083	A	0.6
7	☐	2500.000	2503.528	7178264.49	1.1831	A	1.2
8	☐	5000.000	4984.841	14782759.53	2.3556	A	0.5
9	☐			6307.35	0.0010	P	7.0

$$y = 4.7255\text{E-}004 * x + 9.8981\text{E-}006$$

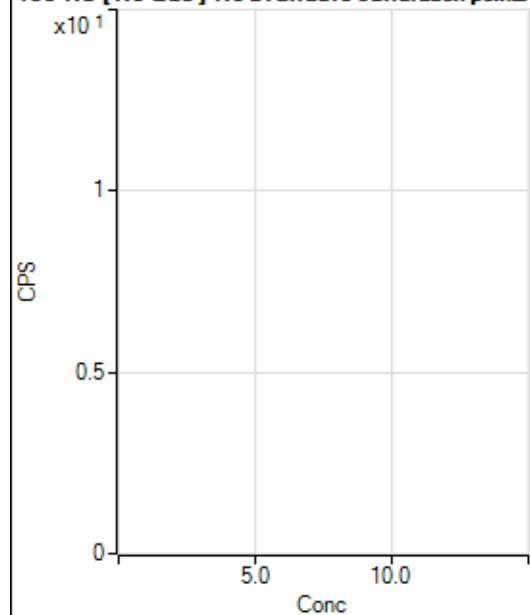
$$R = 1.0000$$

$$DL = 0.01793$$

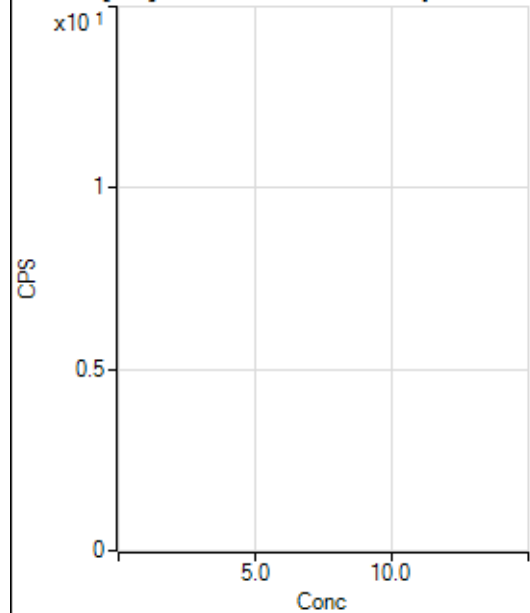
$$BEC = 0.02095$$

Weight: <None>

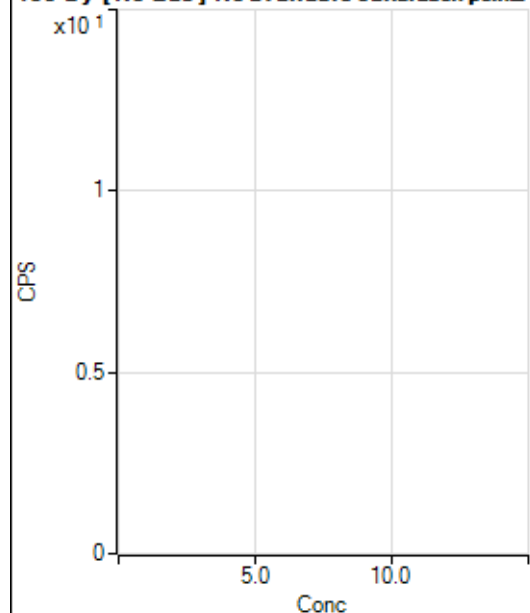
Min Conc: 0

150 Nd [No Gas] No available calibration points

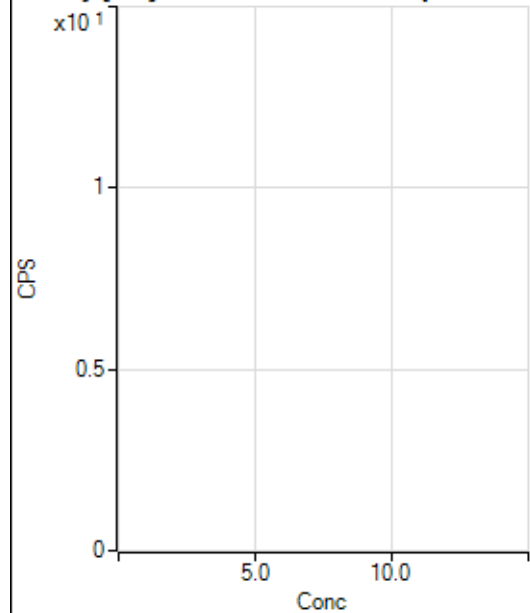
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	124.9
2	☐						
3	☐			11.11		P	34.6
4	☐			31.11		P	44.6
5	☐			37.78		P	27.0
6	☐			91.11		P	23.5
7	☐			351.70		P	91.4
8	☐			295.57		P	21.3
9	☐			113.34		P	27.0

150 Nd [He] No available calibration points

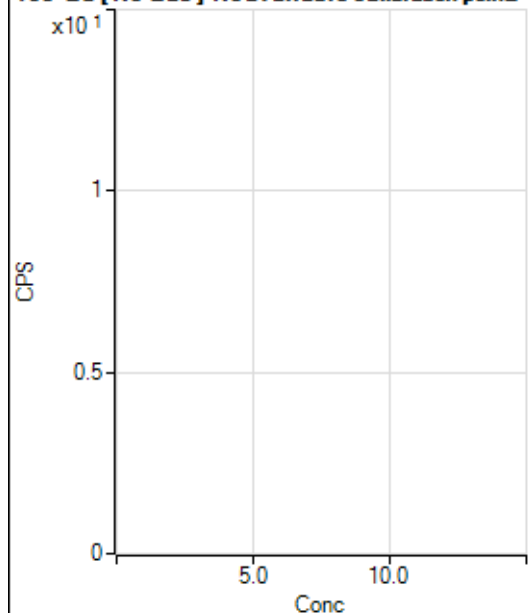
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			3.33		P	100.1
7	☐			10.00		P	33.3
8	☐			16.67		P	52.9
9	☐			18.89		P	36.7

156 Dy [No Gas] No available calibration points

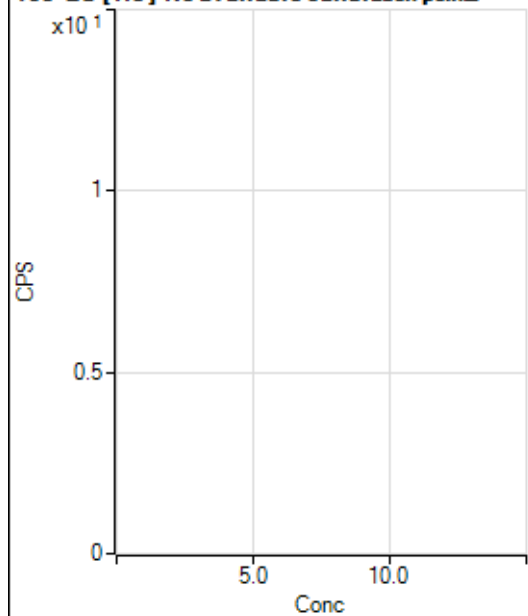
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			16.67		P	NaN
4	☐			19.45		P	24.7
5	☐			41.67		P	34.6
6	☐			61.11		P	41.7
7	☐			91.67		P	15.7
8	☐			136.12		P	3.5
9	☐			108.34		P	7.7

156 Dy [He] No available calibration points

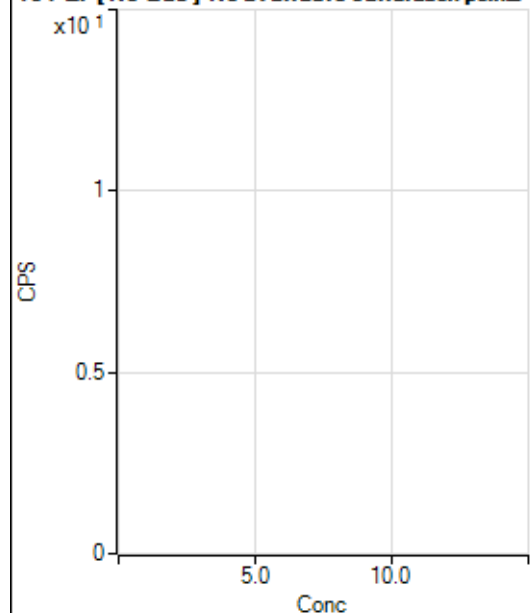
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			4.44		P	43.4
4	☐			7.78		P	137.8
5	☐			6.67		P	50.0
6	☐			6.67		P	50.0
7	☐			12.22		P	41.7
8	☐			33.33		P	26.4
9	☐			25.56		P	19.9

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

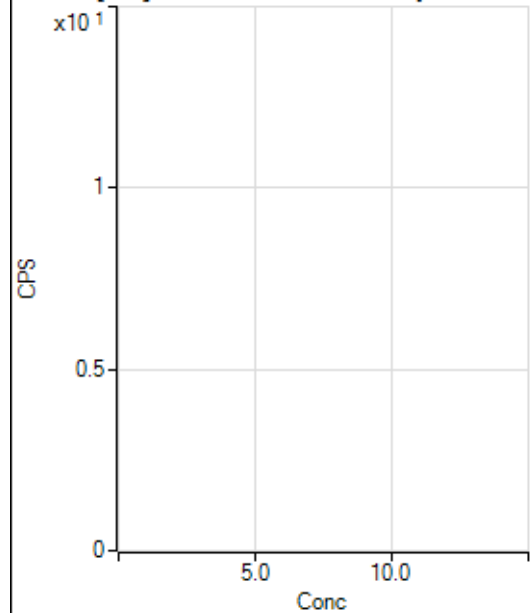
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.79		P	20.4
2	☐						
3	☐			58.34		P	14.3
4	☐			94.45		P	51.7
5	☐			97.23		P	47.2
6	☐			94.45		P	35.7
7	☐			100.01		P	22.0
8	☐			138.89		P	15.1
9	☐			180.57		P	7.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐						
3	☐			21.11		P	24.1
4	☐			21.11		P	45.6
5	☐			27.78		P	36.7
6	☐			14.44		P	35.3
7	☐			22.22		P	60.6
8	☐			33.33		P	60.0
9	☐			45.56		P	4.2

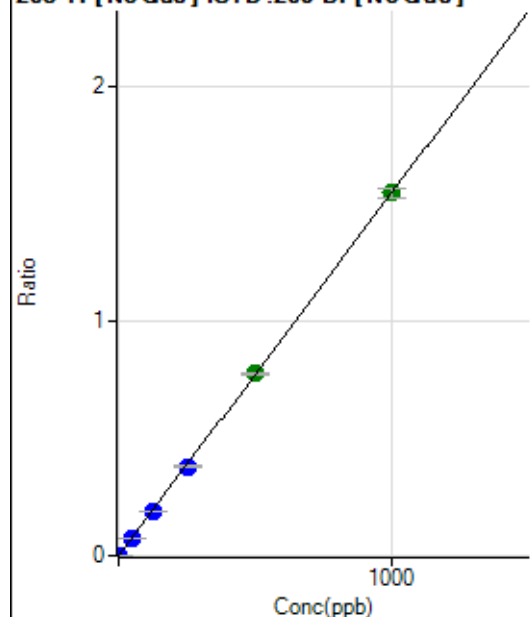
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			38.89		P	53.9
4	☐			30.55		P	15.7
5	☐			16.66		P	86.6
6	☐			52.78		P	24.1
7	☐			19.44		P	65.5
8	☐			36.11		P	35.3
9	☐			38.89		P	44.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			7.78		P	65.5
4	☐			7.78		P	89.2
5	☐			7.78		P	89.2
6	☐			13.33		P	NaN
7	☐			6.67		P	50.0
8	☐			13.33		P	25.0
9	☐			13.33		P	66.2

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	12.2
2	☐	0.100					
3	☐	1.000	0.876	4306.48	0.0014	P	1.3
4	☐	50.000	48.747	219703.21	0.0753	P	2.3
5	☐	125.000	122.885	560547.39	0.1897	P	2.1
6	☐	250.000	245.988	1170950.96	0.3798	P	1.5
7	☐	500.000	501.810	2434649.58	0.7748	A	1.6
8	☐	1000.000	1000.425	5047229.41	1.5446	A	2.9
9	☐			2166.94	0.0007	P	8.3

$$y = 0.0015 * x + 1.0730E-005$$

$$R = 1.0000$$

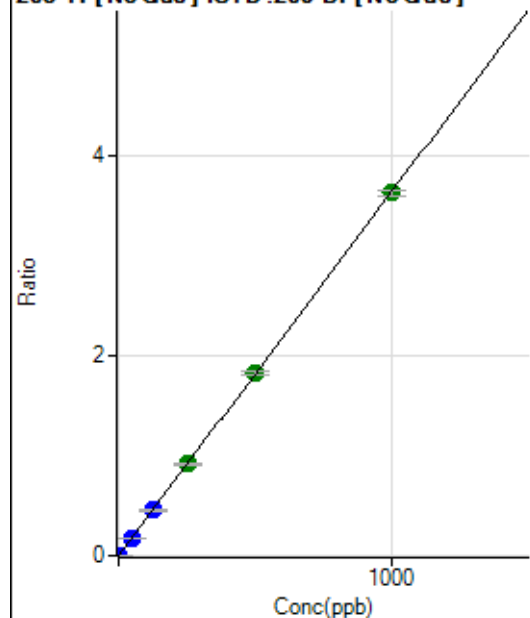
$$DL = 0.002542$$

$$BEC = 0.00695$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0001	P	23.1
2	☐	0.100					
3	☐	1.000	0.917	10679.98	0.0034	P	1.3
4	☐	50.000	49.265	522127.99	0.1789	P	1.2
5	☐	125.000	125.136	1342074.57	0.4543	P	2.0
6	☐	250.000	252.432	2825081.88	0.9163	A	1.7
7	☐	500.000	503.674	5745170.88	1.8282	A	1.9
8	☐	1000.000	997.575	11833413.55	3.6209	A	1.3
9	☐			5134.60	0.0017	P	3.1

$$y = 0.0036 * x + 5.1327E-005$$

$$R = 1.0000$$

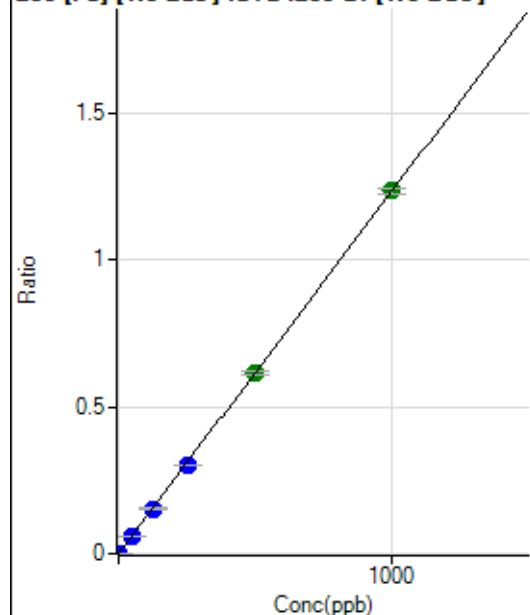
$$DL = 0.009811$$

$$BEC = 0.01414$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	398.17	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	0.957	4100.79	0.0013	P	1.9
4	☐	50.000	49.247	177510.05	0.0608	P	1.5
5	☐	125.000	124.102	452199.23	0.1531	P	2.5
6	☐	250.000	245.085	931774.50	0.3022	P	0.5
7	☐	500.000	498.113	1929502.78	0.6140	A	1.6
8	☐	1000.000	1002.322	4037203.25	1.2354	A	1.5
9	☐			9985.70	0.0033	P	1.4

$$y = 0.0012 * x + 1.1836E-004$$

$$R = 1.0000$$

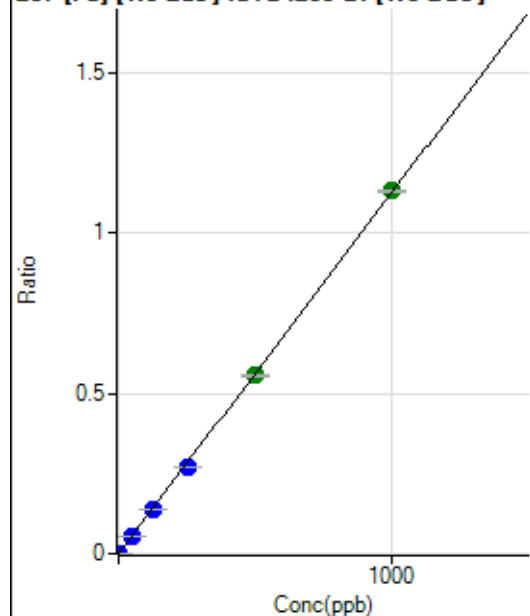
$$DL = 0.03708$$

$$BEC = 0.09603$$

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	316.68	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	0.981	3785.86	0.0012	P	5.0
4	☐	50.000	48.762	160478.02	0.0550	P	1.0
5	☐	125.000	122.242	406726.22	0.1377	P	2.6
6	☐	250.000	241.398	838081.25	0.2718	P	0.2
7	☐	500.000	493.190	1744602.63	0.5552	A	1.5
8	☐	1000.000	1005.962	3700435.79	1.1323	A	0.5
9	☐			8584.66	0.0028	P	3.9

$$y = 0.0011 * x + 9.4126E-005$$

$$R = 0.9999$$

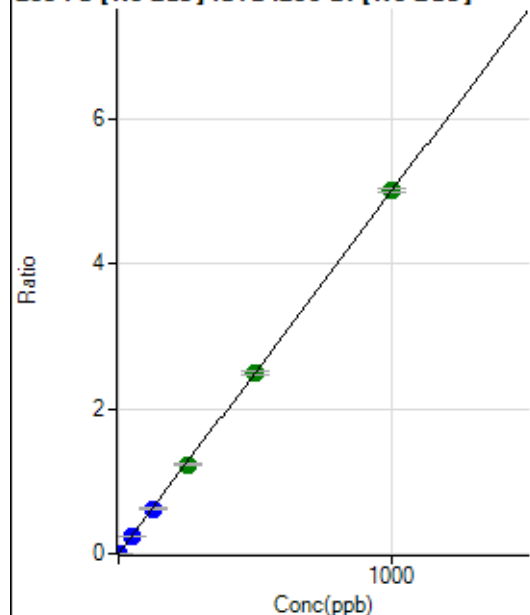
$$DL = 0.0201$$

$$BEC = 0.08363$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1538.98	0.0005	P	2.0
2	☐	0.100					
3	☐	1.000	0.971	16762.26	0.0053	P	3.0
4	☐	50.000	49.191	718140.86	0.2460	P	1.3
5	☐	125.000	123.457	1822160.10	0.6168	P	2.1
6	☐	250.000	246.491	3796065.54	1.2309	A	1.0
7	☐	500.000	499.565	7838293.49	2.4943	A	1.4
8	☐	1000.000	1001.328	16337053.69	4.9991	A	0.9
9	☐			39334.22	0.0130	P	0.6

$$y = 0.0050 * x + 4.5765E-004$$

$$R = 1.0000$$

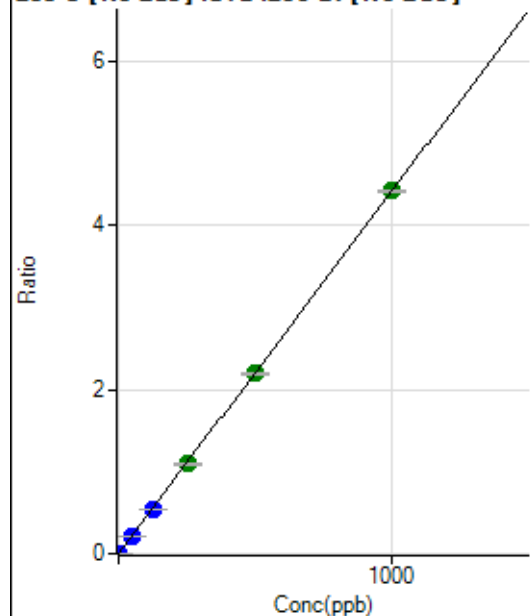
$$DL = 0.005629$$

$$BEC = 0.09168$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0001	P	14.2
2	☐	0.100					
3	☐	1.000	0.864	12231.58	0.0039	P	1.5
4	☐	50.000	48.059	619268.42	0.2121	P	1.5
5	☐	125.000	122.690	1599792.65	0.5415	P	1.9
6	☐	250.000	248.168	3377183.26	1.0952	A	1.2
7	☐	500.000	497.998	6906484.53	2.1977	A	0.8
8	☐	1000.000	1001.845	14448719.07	4.4212	A	0.7
9	☐			3397.87	0.0011	P	10.1

$$y = 0.0044 * x + 5.6104E-005$$

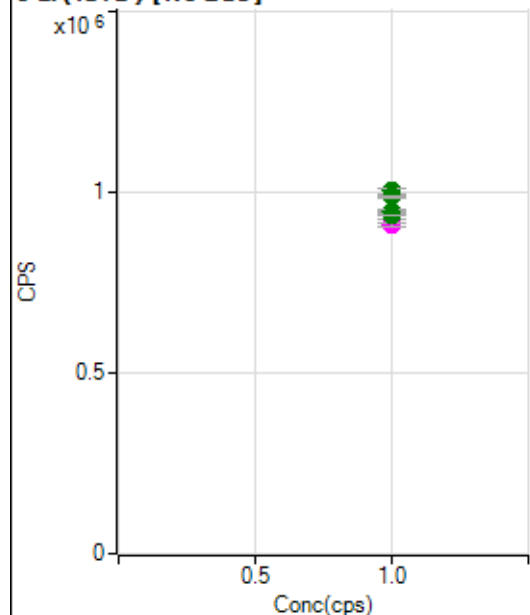
$$R = 1.0000$$

$$DL = 0.005408$$

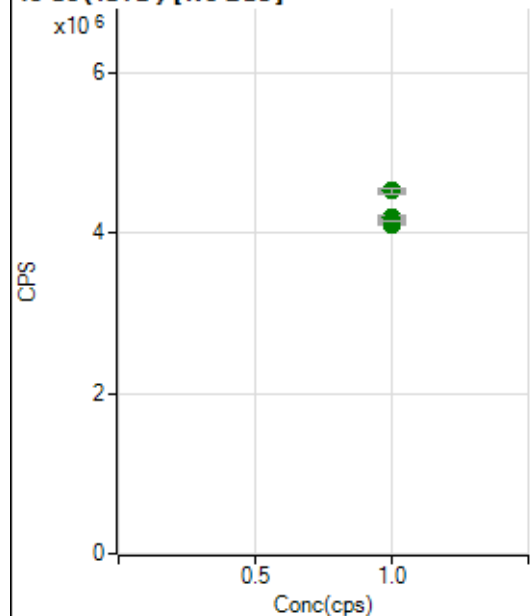
$$BEC = 0.01271$$

Weight: <None>

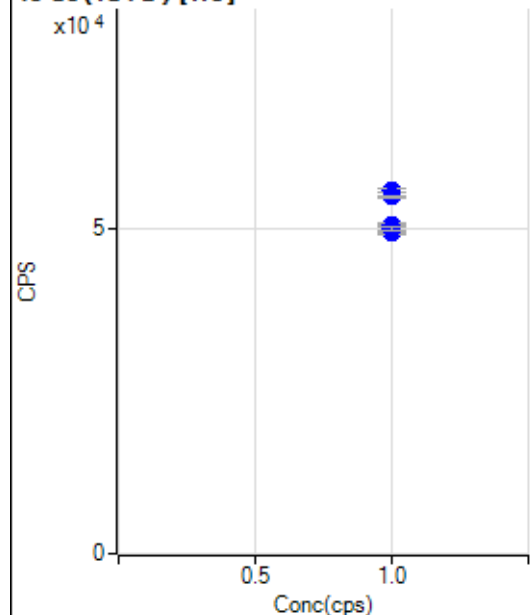
Min Conc: 0

6 Li (ISTD) [No Gas]

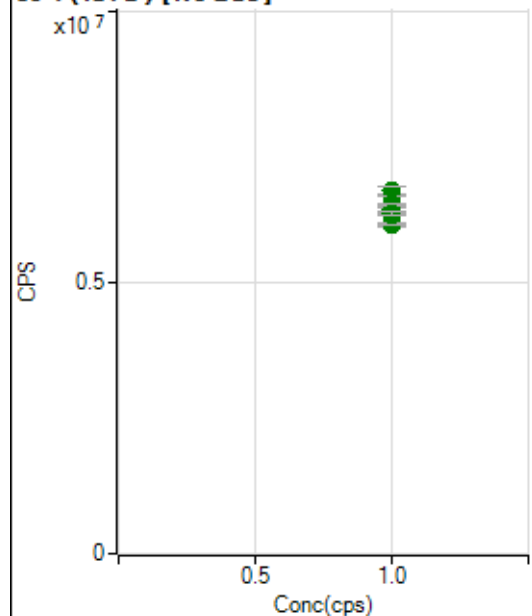
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1004916.29		A	1.5
2	☐	1.000					
3	☐	1.000		988528.99		A	0.4
4	☐	1.000		908957.85		M	1.3
5	☐	1.000		908768.53		M	1.2
6	☐	1.000		935132.52		A	1.9
7	☐	1.000		942040.46		A	0.8
8	☐	1.000		948103.23		A	0.9
9	☐	1.000		937991.87		A	0.3

45 Sc (ISTD) [No Gas]

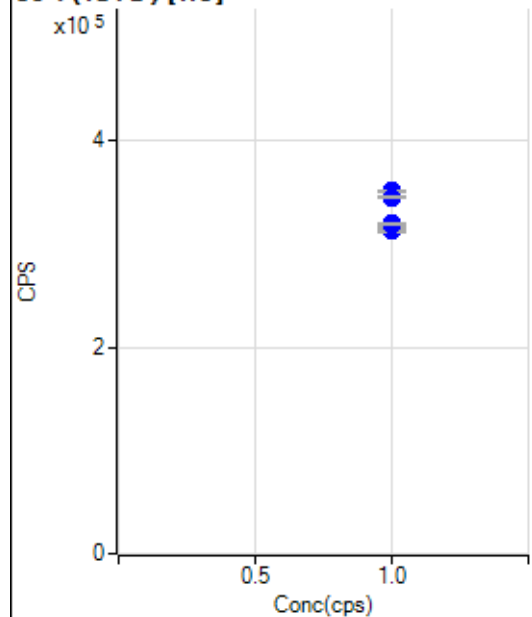
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4521354.92		A	0.5
2	☐	1.000					
3	☐	1.000		4519960.17		A	1.3
4	☐	1.000		4107477.17		A	0.3
5	☐	1.000		4170622.58		A	1.5
6	☐	1.000		4175433.55		A	0.6
7	☐	1.000		4187937.38		A	0.3
8	☐	1.000		4191431.65		A	0.7
9	☐	1.000		4154979.35		A	0.1

45 Sc (ISTD) [He]

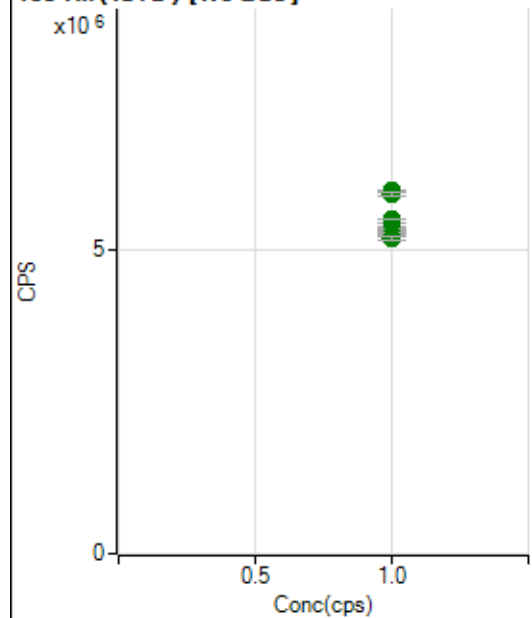
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		55733.40		P	0.9
2	☐	1.000					
3	☐	1.000		54847.72		P	0.6
4	☐	1.000		50385.62		P	0.3
5	☐	1.000		50615.39		P	1.0
6	☐	1.000		50016.68		P	1.2
7	☐	1.000		49541.57		P	0.0
8	☐	1.000		49218.22		P	0.8
9	☐	1.000		49830.19		P	1.1

89 Y (ISTD) [No Gas]

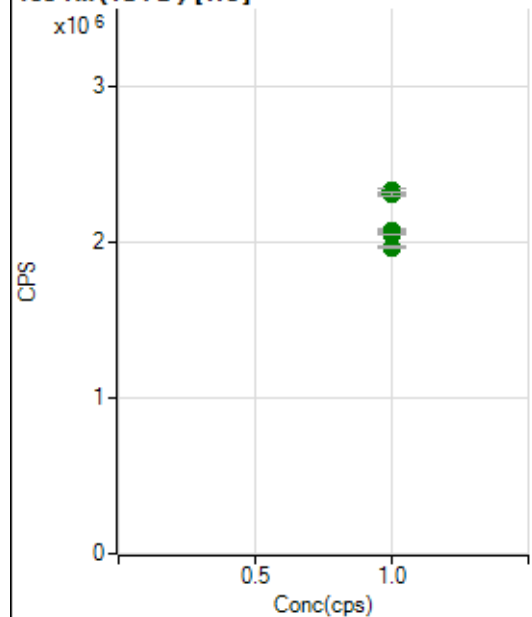
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6689184.00		A	2.1
2	☐	1.000					
3	☐	1.000		6596628.65		A	0.3
4	☐	1.000		6049666.78		A	1.0
5	☐	1.000		6072865.54		A	0.4
6	☐	1.000		6250804.56		A	0.5
7	☐	1.000		6340281.57		A	0.9
8	☐	1.000		6444290.25		A	0.3
9	☐	1.000		6272111.02		A	0.9

89 Y(ISTD) [He]

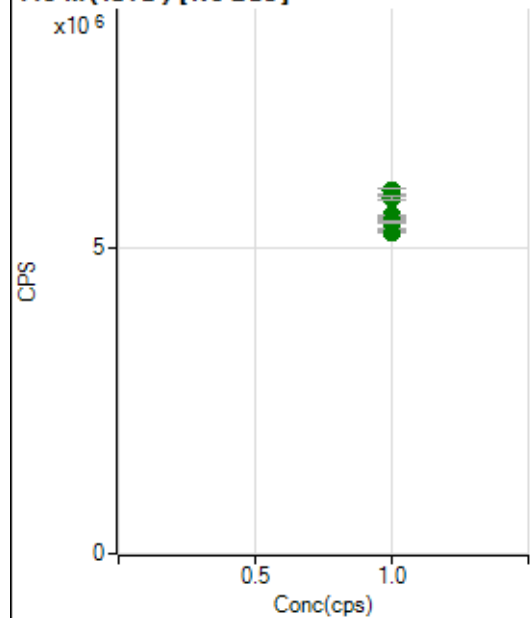
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		351039.65		P	0.6
2	☐	1.000					
3	☐	1.000		344729.26		P	0.5
4	☐	1.000		315799.32		P	0.6
5	☐	1.000		315828.76		P	0.6
6	☐	1.000		319893.95		P	0.4
7	☐	1.000		316837.10		P	0.9
8	☐	1.000		311711.74		P	0.6
9	☐	1.000		318713.42		P	0.5

103 Rh(ISTD) [No Gas]

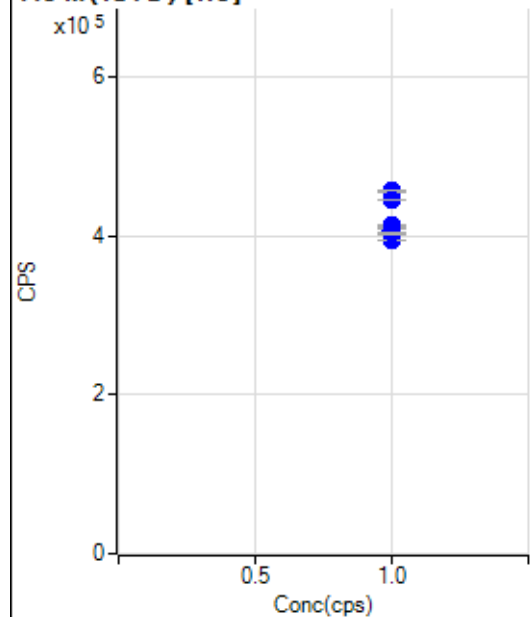
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5969318.97		A	0.9
2	☐	1.000					
3	☐	1.000		5920844.06		A	0.8
4	☐	1.000		5247799.47		A	0.2
5	☐	1.000		5304484.93		A	0.2
6	☐	1.000		5363876.94		A	0.5
7	☐	1.000		5437901.25		A	0.0
8	☐	1.000		5507243.00		A	0.3
9	☐	1.000		5191336.62		A	0.8

103 Rh (ISTD) [He]

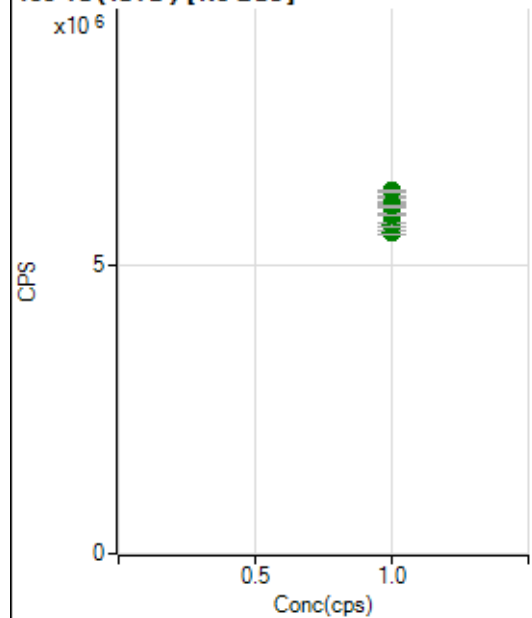
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2328423.80		A	1.5
2	☐	1.000					
3	☐	1.000		2307556.46		A	0.7
4	☐	1.000		2073662.85		A	0.7
5	☐	1.000		2065946.52		A	0.5
6	☐	1.000		2073496.81		A	0.8
7	☐	1.000		2064695.53		A	0.8
8	☐	1.000		2044089.94		A	0.1
9	☐	1.000		1966919.40		A	0.5

115 In (ISTD) [No Gas]

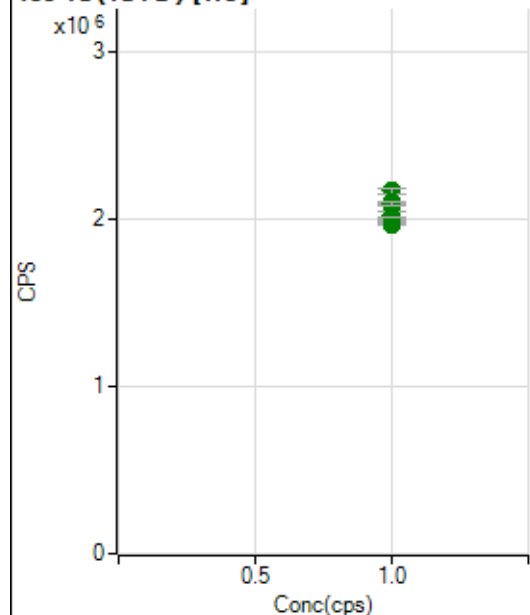
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5928845.41		A	1.5
2	☐	1.000					
3	☐	1.000		5826874.51		A	1.0
4	☐	1.000		5252092.24		A	0.5
5	☐	1.000		5323193.37		A	0.1
6	☐	1.000		5411451.02		A	0.7
7	☐	1.000		5464035.97		A	0.5
8	☐	1.000		5526767.55		A	0.6
9	☐	1.000		5422872.10		A	0.5

115 In (ISTD) [He]

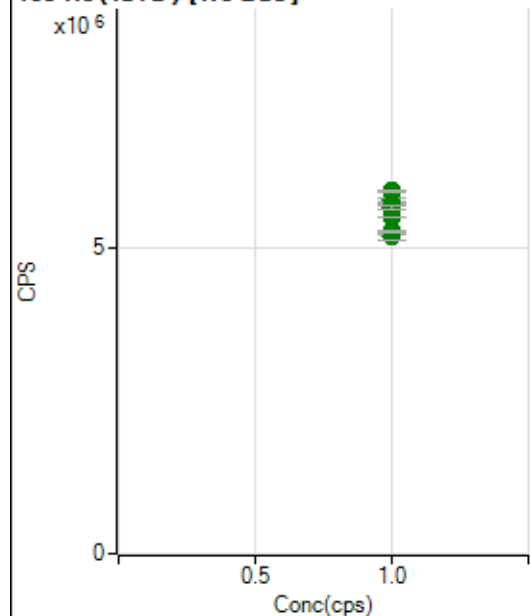
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		456024.44		P	0.4
2	☐	1.000					
3	☐	1.000		445488.70		P	0.1
4	☐	1.000		408713.70		P	0.2
5	☐	1.000		413572.11		P	0.3
6	☐	1.000		410379.70		P	0.5
7	☐	1.000		405580.71		P	0.9
8	☐	1.000		394235.30		P	0.1
9	☐	1.000		403085.62		P	0.3

159 Tb (ISTD) [No Gas]

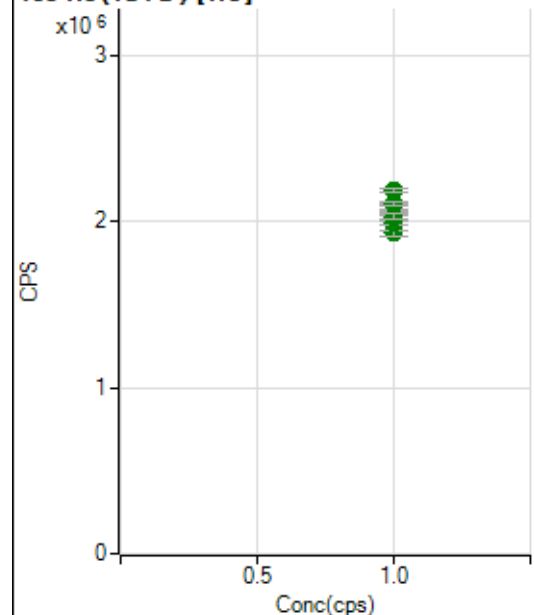
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6177386.37		A	0.6
2	☐	1.000					
3	☐	1.000		6011693.87		A	0.8
4	☐	1.000		5562182.00		A	1.0
5	☐	1.000		5681822.90		A	1.2
6	☐	1.000		5870474.01		A	0.5
7	☐	1.000		6067701.92		A	0.5
8	☐	1.000		6275566.02		A	0.2
9	☐	1.000		6008136.02		A	0.3

159 Tb (ISTD) [He]

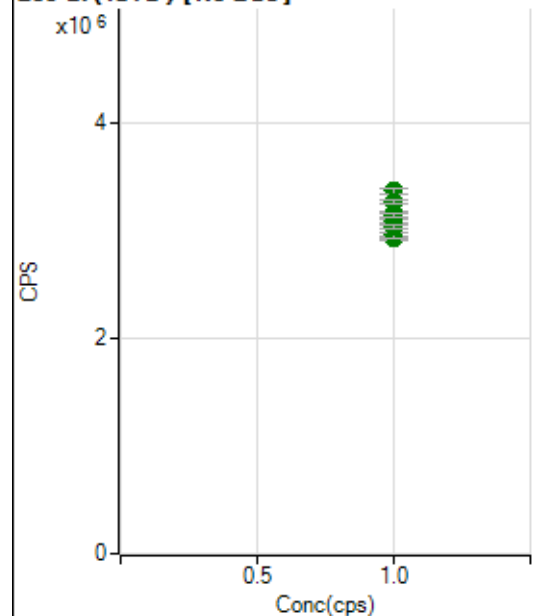
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2172596.43		A	1.4
2	☐	1.000					
3	☐	1.000		2103039.60		A	0.8
4	☐	1.000		1972319.41		A	0.7
5	☐	1.000		1997038.84		A	0.9
6	☐	1.000		2029572.99		A	1.6
7	☐	1.000		2087849.40		A	0.2
8	☐	1.000		2094718.60		A	1.0
9	☐	1.000		2013802.70		A	0.3

165 Ho (ISTD) [No Gas]

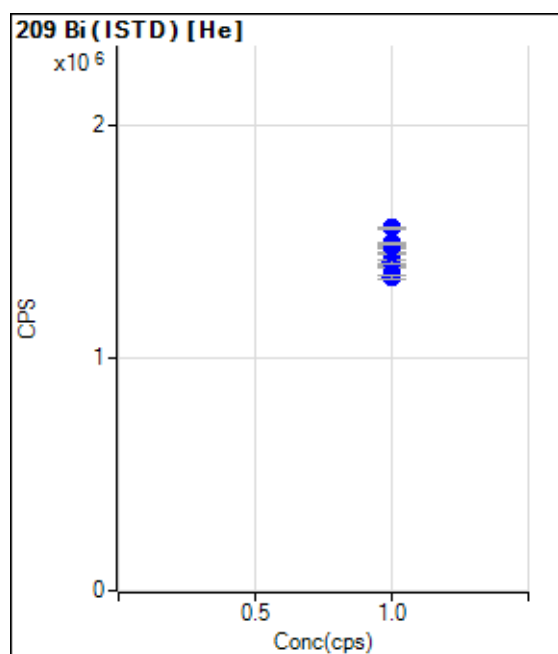
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5760716.54		A	1.0
2	☐	1.000					
3	☐	1.000		5670169.18		A	2.4
4	☐	1.000		5164176.24		A	1.5
5	☐	1.000		5259123.68		A	0.4
6	☐	1.000		5484407.93		A	0.5
7	☐	1.000		5698946.61		A	0.6
8	☐	1.000		5915357.16		A	0.7
9	☐	1.000		5652826.38		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2183163.68		A	1.1
2	☐	1.000					
3	☐	1.000		2099004.97		A	0.7
4	☐	1.000		1930153.25		A	1.6
5	☐	1.000		1989754.87		A	1.2
6	☐	1.000		2049665.87		A	1.0
7	☐	1.000		2068578.89		A	0.3
8	☐	1.000		2102144.10		A	1.2
9	☐	1.000		2030595.72		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3362616.17		A	1.4
2	☐	1.000					
3	☐	1.000		3160152.94		A	0.4
4	☐	1.000		2919322.49		A	1.2
5	☐	1.000		2955151.94		A	1.9
6	☐	1.000		3083602.49		A	1.5
7	☐	1.000		3142750.19		A	1.0
8	☐	1.000		3268213.07		A	1.1
9	☐	1.000		3023526.90		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1561096.33		P	0.7
2	☐	1.000					
3	☐	1.000		1479173.73		P	0.9
4	☐	1.000		1393086.19		P	0.4
5	☐	1.000		1414514.03		P	0.7
6	☐	1.000		1452671.46		P	0.3
7	☐	1.000		1484858.80		P	0.6
8	☐	1.000		1494488.24		P	0.6
9	☐	1.000		1347155.48		P	1.3

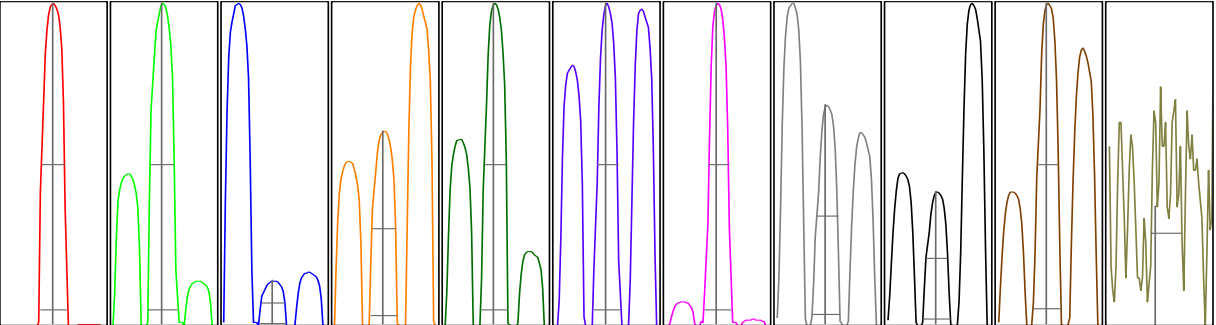
US EPA Tune Check Sample Report

Batch Folder D:\P8063017-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7150	1.11	5.00	
24	103326	1.08	5.00	
25	14228	0.72	5.00	
26	16712	0.86	5.00	
59	72244	0.65	5.00	
113	8829	1.33	5.00	
115	118348	1.68	5.00	
206	15440	2.07	5.00	
207	13718	1.78	5.00	
208	32658	1.64	5.00	
220	1	13.52		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7202	7055	7237	7078	7175
24	104550	102496	103962	101842	103782
25	14278	14121	14287	14116	14336
26	16899	16558	16692	16597	16814
59	72349	72608	71732	72760	71774
113	8758	8926	8785	8976	8699
115	117903	120622	117147	120140	115931
206	14958	15570	15434	15835	15403
207	13391	13785	13665	14068	13683
208	31880	32825	32760	33347	32476
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	11160	9.00	8.9 - 9.1		0.788	0.900	
24	158325	23.95	23.9 - 24.1		0.832	0.900	
25	22108	24.95	24.9 - 25.1		0.789	0.900	
26	26207	25.95	25.9 - 26.1		0.789	0.900	
59	119013	58.95	58.9 - 59.1		0.779	0.900	
113	15567	113.00	112.9 - 113.1		0.774	0.900	
115	208085	115.00	114.9 - 115.1		0.772	0.900	
206	26691	205.95	205.9 - 206.1		0.792	0.900	
207	23421	206.95	206.9 - 207.1		0.786	0.900	
208	56260	207.95	207.9 - 208.1		0.805	0.900	
220	1	219.90	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	13.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12792	0.37	
89	1737	0.64	
205	13715	0.73	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12732	12813	12846	12816	12753
89	1741	1747	1746	1721	1731
205	13836	13707	13790	13652	13589

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	9.8	V	Deflect	2.4	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.48	-1.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	-0.02	-0.04	0.06	0.00	N/A	ppb
Boron	10-1	0.25	-0.01	-0.24	0.00	N/A	ppb
Cadmium	106-1	0.08	0.73	-0.81	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.18	-0.12	0.00	N/A	ppb
Cadmium	111-1	0.01	0.04	-0.05	0.00	N/A	ppb
Calcium	43-1	16.72	-7.57	-9.15	0.00	N/A	ppb
Calcium	44-1	0.76	-0.91	0.15	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.12	-0.08	-0.04	0.00	N/A	ppb
Iron	57-2	-0.30	0.44	-0.13	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.02	0.29	-0.31	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-6.26	-6.60	2.87	-3.33		ppb
Potassium	39-2	-0.63	5.78	-5.15	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	-0.48	0.24	0.00	N/A	ppb
Selenium	82-1	-1.17	1.23	-0.06	0.00	N/A	ppb
Silicon	28-1	1.36	-0.75	-0.61	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.81	-3.33	2.52	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-59.68	78.99	-8.64	3.56	1970.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.03	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	0.10	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

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

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.76	16.26	11.59	16.20	28.31	ppb
Antimony	121-1	2.01	1.98	1.86	1.95	3.85	ppb
Arsenic	75-2	1.01	1.01	0.72	0.91	18.16	ppb
Barium	135-1	9.30	9.32	9.19	9.27	0.74	ppb
Barium	137-1	9.15	9.50	9.01	9.22	2.73	ppb
Beryllium	9-1	0.84	1.13	0.89	0.95	16.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	21.13	20.72	21.47	21.11	1.77	ppb
Boron	10-1	20.76	20.76	21.29	20.94	1.45	ppb
Cadmium	106-1	0.72	0.79	0.46	0.66	26.28	ppb
Cadmium	108-1	1.25	0.98	0.72	0.98	26.63	ppb
Cadmium	111-1	0.95	1.05	1.00	1.00	4.72	ppb
Calcium	43-1	411.04	432.12	429.04	424.07	2.69	ppb
Calcium	44-1	442.34	444.49	442.26	443.03	0.29	ppb
Chromium	52-2	1.82	1.97	2.05	1.95	5.94	ppb
Cobalt	59-2	0.89	0.92	0.91	0.91	1.95	ppb
Copper	63-2	2.11	2.22	2.25	2.19	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.76	46.82	47.16	46.91	0.45	ppb
Iron	57-2	47.50	45.18	47.20	46.63	2.71	ppb
Lead	206-1	0.94	0.95	0.98	0.96	2.13	ppb
Lead	207-1	0.93	1.03	0.98	0.98	5.42	ppb
Lead	208-1	0.94	1.00	0.98	0.97	3.25	ppb
Lithium	6-1						%
Magnesium	24-2	457.30	486.75	463.54	469.19	3.31	ppb
Manganese	55-2	0.98	0.98	0.94	0.96	2.47	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.54	4.57	4.37	4.49	2.38	ppb
Molybdenum	94-1	2.02	1.99	2.03	2.01	0.94	ppb
Molybdenum	95-1	4.34	4.17	4.61	4.37	5.09	ppb
Molybdenum	96-1	4.08	3.80	3.78	3.88	4.35	ppb
Molybdenum	97-1	4.34	4.29	4.47	4.37	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.04	1.04	1.02	3.99	ppb
Phosphorus	31-2	-6.24	3.35	12.87	3.33	287.08	ppb
Potassium	39-2	475.10	491.32	457.03	474.48	3.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.57	0.00	9.14	4.57	100.02	ppb
Selenium	78-2	3.92	6.93	3.56	4.81	38.51	ppb
Selenium	82-1	3.80	5.03	4.16	4.33	14.55	ppb
Silicon	28-1	7.46	10.91	9.79	9.39	18.77	ppb
Silver	109-1	1.44	1.33	1.33	1.36	4.81	ppb
Silver	107-1	1.36	1.42	1.47	1.42	3.86	ppb
Sodium	23-2	486.48	477.77	486.06	483.43	1.02	ppb
Strontium	86-1	0.84	0.96	0.77	0.86	11.54	ppb
Strontium	88-1	0.94	0.95	0.96	0.95	1.23	ppb
Sulfur	34-1	-143.22	81.39	51.15	-3.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.88	0.86	0.88	1.28	ppb
Thallium	205-1	0.93	0.91	0.91	0.92	1.31	ppb
Tin	118-1	4.68	4.80	4.72	4.73	1.29	ppb
Titanium	47-1	4.82	4.52	4.67	4.67	3.23	ppb
Uranium	238-1	0.86	0.88	0.85	0.86	1.50	ppb
Vanadium	51-2	4.65	4.42	4.56	4.54	2.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.84	2.27	1.98	2.03	10.74	ppb
Zirconium	90-1	0.89	0.90	0.86	0.88	2.29	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.84	0.90	0.88	4.33	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1055.99	1079.67	1001.95	1045.87	3.81	ppb
Antimony	121-1	52.64	52.01	53.25	52.63	1.17	ppb
Arsenic	75-2	49.96	51.26	50.47	50.56	1.29	ppb
Barium	135-1	261.27	255.63	264.09	260.33	1.65	ppb
Barium	137-1	259.39	254.32	260.96	258.22	1.34	ppb
Beryllium	9-1	50.62	50.34	53.02	51.33	2.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	49.63	51.48	51.45	50.85	2.08	ppb
Boron	10-1	44.29	51.31	52.10	49.24	8.73	ppb
Cadmium	106-1	55.36	53.06	55.14	54.52	2.32	ppb
Cadmium	108-1	53.79	52.06	54.39	53.41	2.26	ppb
Cadmium	111-1	53.37	53.51	53.79	53.55	0.40	ppb
Calcium	43-1	5013.88	5009.34	5010.80	5011.34	0.05	ppb
Calcium	44-1	5052.43	5125.20	5171.03	5116.22	1.17	ppb
Chromium	52-2	51.33	51.25	51.02	51.20	0.31	ppb
Cobalt	59-2	51.13	51.08	50.82	51.01	0.33	ppb
Copper	63-2	102.38	103.23	102.27	102.63	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2636.99	2674.76	2642.15	2651.30	0.77	ppb
Iron	57-2	2579.18	2584.15	2582.98	2582.10	0.10	ppb
Lead	206-1	48.63	49.05	50.06	49.25	1.50	ppb
Lead	207-1	48.33	48.66	49.30	48.76	1.01	ppb
Lead	208-1	48.71	48.94	49.92	49.19	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	5143.69	5180.50	5176.36	5166.85	0.39	ppb
Manganese	55-2	104.94	105.26	104.81	105.01	0.22	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.21	49.45	50.28	49.65	1.13	ppb
Molybdenum	94-1	50.21	50.25	50.52	50.33	0.33	ppb
Molybdenum	95-1	49.19	49.08	49.31	49.20	0.23	ppb
Molybdenum	96-1	49.28	48.66	50.84	49.59	2.26	ppb
Molybdenum	97-1	49.15	49.50	50.44	49.70	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.14	52.32	51.44	51.97	0.89	ppb
Phosphorus	31-2	1042.26	890.33	1048.51	993.70	9.01	ppb
Potassium	39-2	2667.82	2660.31	2585.69	2637.94	1.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	32.70	54.90	44.79	44.13	25.19	ppb
Selenium	78-2	43.65	51.33	46.78	47.25	8.17	ppb
Selenium	82-1	51.79	52.56	51.60	51.98	0.97	ppb
Silicon	28-1	87.29	87.36	88.56	87.74	0.82	ppb
Silver	109-1	54.27	53.48	54.33	54.03	0.88	ppb
Silver	107-1	54.39	53.21	54.31	53.97	1.22	ppb
Sodium	23-2	5173.23	5231.76	5232.64	5212.54	0.65	ppb
Strontium	86-1	50.31	50.52	50.73	50.52	0.42	ppb
Strontium	88-1	51.17	51.10	51.39	51.22	0.29	ppb
Sulfur	34-1	2798.00	2861.86	2803.89	2821.25	1.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	47.91	48.33	50.00	48.75	2.27	ppb
Thallium	205-1	49.05	48.81	49.94	49.27	1.21	ppb
Tin	118-1	52.29	51.61	53.28	52.39	1.60	ppb
Titanium	47-1	49.53	49.98	50.55	50.02	1.03	ppb
Uranium	238-1	47.25	48.58	48.34	48.06	1.48	ppb
Vanadium	51-2	50.52	51.11	50.64	50.76	0.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	105.81	106.25	104.62	105.56	0.80	ppb
Zirconium	90-1	50.56	50.32	50.77	50.55	0.44	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.12	49.55	49.99	49.89	0.60	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2506.21	2549.36	2490.07	2515.21	1.22	ppb
Antimony	121-1	129.76	132.68	129.35	130.60	1.39	ppb
Arsenic	75-2	128.96	128.44	125.72	127.70	1.36	ppb
Barium	135-1	643.38	653.01	643.93	646.78	0.84	ppb
Barium	137-1	651.75	657.89	653.85	654.50	0.48	ppb
Beryllium	9-1	131.35	129.07	129.90	130.11	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	128.84	126.90	127.76	127.83	0.76	ppb
Boron	10-1	125.18	123.85	129.51	126.18	2.34	ppb
Cadmium	106-1	137.45	135.80	128.43	133.89	3.59	ppb
Cadmium	108-1	135.53	134.88	130.94	133.78	1.86	ppb
Cadmium	111-1	130.79	134.74	131.63	132.39	1.57	ppb
Calcium	43-1	12134.18	12505.91	12316.75	12318.94	1.51	ppb
Calcium	44-1	12069.38	12448.90	12294.86	12271.05	1.56	ppb
Chromium	52-2	126.32	128.12	127.58	127.34	0.72	ppb
Cobalt	59-2	125.54	127.23	128.13	126.97	1.04	ppb
Copper	63-2	253.13	256.39	258.17	255.90	1.00	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6427.64	6469.90	6547.27	6481.60	0.94	ppb
Iron	57-2	6419.69	6523.19	6530.47	6491.12	0.95	ppb
Lead	206-1	120.59	126.05	125.67	124.10	2.45	ppb
Lead	207-1	118.62	124.11	124.00	122.24	2.57	ppb
Lead	208-1	120.46	124.43	125.48	123.46	2.14	ppb
Lithium	6-1						%
Magnesium	24-2	12686.38	12819.59	12901.20	12802.39	0.85	ppb
Manganese	55-2	256.03	259.03	258.06	257.71	0.59	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	126.15	126.64	126.67	126.49	0.23	ppb
Molybdenum	94-1	127.41	127.25	125.98	126.88	0.62	ppb
Molybdenum	95-1	126.90	124.74	125.08	125.57	0.93	ppb
Molybdenum	96-1	126.29	126.40	126.33	126.34	0.04	ppb
Molybdenum	97-1	125.43	125.39	126.22	125.68	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.52	128.99	132.15	130.22	1.30	ppb
Phosphorus	31-2	2548.29	2440.25	2850.75	2613.09	8.14	ppb
Potassium	39-2	6371.65	6499.54	6491.67	6454.29	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	140.63	137.82	111.66	130.04	12.28	ppb
Selenium	78-2	141.00	128.59	132.53	134.04	4.73	ppb
Selenium	82-1	127.86	130.01	132.98	130.28	1.97	ppb
Silicon	28-1	142.20	148.40	150.63	147.08	2.97	ppb
Silver	109-1	132.80	136.03	133.55	134.13	1.26	ppb
Silver	107-1	134.01	134.96	130.89	133.29	1.60	ppb
Sodium	23-2	12996.88	13162.41	13272.49	13143.93	1.06	ppb
Strontium	86-1	125.54	126.27	125.55	125.79	0.33	ppb
Strontium	88-1	131.17	129.90	129.53	130.20	0.66	ppb
Sulfur	34-1	4252.73	4692.57	4290.04	4411.78	5.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	120.17	125.21	123.27	122.88	2.07	ppb
Thallium	205-1	122.59	127.71	125.12	125.14	2.05	ppb
Tin	118-1	128.54	133.39	130.93	130.96	1.85	ppb
Titanium	47-1	124.09	124.89	123.66	124.21	0.50	ppb
Uranium	238-1	120.07	124.61	123.39	122.69	1.92	ppb
Vanadium	51-2	125.68	126.33	127.25	126.42	0.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	257.76	265.92	264.56	262.75	1.66	ppb
Zirconium	90-1	128.96	129.40	130.18	129.51	0.47	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.82	124.70	125.69	125.07	0.43	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:09:22 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5086.89	5010.27	4845.00	4980.72	2.48	ppb
Antimony	121-1	265.59	263.17	259.53	262.76	1.16	ppb
Arsenic	75-2	251.35	248.88	253.34	251.19	0.89	ppb
Barium	135-1	1303.04	1313.94	1307.26	1308.08	0.42	ppb
Barium	137-1	1278.89	1293.50	1289.20	1287.19	0.58	ppb
Beryllium	9-1	253.34	252.67	247.33	251.12	1.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	251.22	255.11	247.16	251.16	1.58	ppb
Boron	10-1	247.70	245.59	243.43	245.57	0.87	ppb
Cadmium	106-1	265.92	259.48	258.68	261.36	1.52	ppb
Cadmium	108-1	261.49	262.58	263.34	262.47	0.35	ppb
Cadmium	111-1	257.55	258.84	257.18	257.86	0.34	ppb
Calcium	43-1	24665.22	24764.81	24594.52	24674.85	0.35	ppb
Calcium	44-1	24237.55	24473.66	24685.18	24465.46	0.92	ppb
Chromium	52-2	257.39	253.03	253.25	254.56	0.96	ppb
Cobalt	59-2	256.09	253.10	251.99	253.73	0.84	ppb
Copper	63-2	517.57	507.82	508.97	511.45	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13203.42	12943.93	12983.64	13043.66	1.07	ppb
Iron	57-2	13063.60	13015.08	12791.62	12956.77	1.12	ppb
Lead	206-1	246.37	243.85	245.03	245.08	0.52	ppb
Lead	207-1	240.75	241.89	241.56	241.40	0.24	ppb
Lead	208-1	244.21	246.36	248.90	246.49	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	26190.45	25757.93	25996.54	25981.64	0.83	ppb
Manganese	55-2	525.78	516.52	515.92	519.40	1.06	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:09:22	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	254.89	248.20	252.80	251.96	1.36	ppb
Molybdenum	94-1	255.90	255.83	254.52	255.42	0.30	ppb
Molybdenum	95-1	247.12	243.74	244.58	245.15	0.72	ppb
Molybdenum	96-1	249.79	245.03	247.43	247.42	0.96	ppb
Molybdenum	97-1	250.28	245.87	247.78	247.98	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.21	258.20	257.59	259.00	0.75	ppb
Phosphorus	31-2	5799.25	4940.65	5160.95	5300.28	8.41	ppb
Potassium	39-2	13065.34	12788.74	12801.10	12885.06	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	232.48	270.29	269.53	257.43	8.40	ppb
Selenium	78-2	238.38	248.70	242.33	243.14	2.14	ppb
Selenium	82-1	255.85	257.85	257.83	257.18	0.45	ppb
Silicon	28-1	280.05	275.08	271.99	275.71	1.48	ppb
Silver	109-1	267.01	268.62	268.46	268.03	0.33	ppb
Silver	107-1	269.49	269.75	269.62	269.62	0.05	ppb
Sodium	23-2	26312.52	25515.66	25579.13	25802.44	1.72	ppb
Strontium	86-1	249.21	247.16	252.44	249.60	1.07	ppb
Strontium	88-1	254.53	250.61	256.29	253.81	1.14	ppb
Sulfur	34-1	7160.66	6998.95	6794.81	6984.81	2.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	248.96	247.27	241.73	245.99	1.54	ppb
Thallium	205-1	256.36	252.87	248.06	252.43	1.65	ppb
Tin	118-1	259.03	257.23	255.70	257.32	0.65	ppb
Titanium	47-1	250.03	250.36	249.86	250.08	0.10	ppb
Uranium	238-1	245.54	251.32	247.65	248.17	1.18	ppb
Vanadium	51-2	257.59	253.83	253.74	255.05	0.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	532.81	518.22	522.85	524.63	1.42	ppb
Zirconium	90-1	255.55	253.78	257.68	255.67	0.76	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:09:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.09	247.60	251.00	248.56	0.86	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:12:40 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9774.97	9792.01	9499.72	9688.90	1.69	ppb
Antimony	121-1	511.88	507.50	509.59	509.65	0.43	ppb
Arsenic	75-2	492.88	502.33	503.84	499.68	1.19	ppb
Barium	135-1	2487.12	2527.80	2566.62	2527.18	1.57	ppb
Barium	137-1	2494.46	2478.37	2537.76	2503.53	1.23	ppb
Beryllium	9-1	497.12	488.13	497.12	494.12	1.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	497.68	495.83	503.33	498.95	0.78	ppb
Boron	10-1	492.77	485.08	499.37	492.41	1.45	ppb
Cadmium	106-1	513.07	491.18	513.59	505.95	2.53	ppb
Cadmium	108-1	508.31	504.68	510.75	507.91	0.60	ppb
Cadmium	111-1	502.82	503.57	503.55	503.31	0.09	ppb
Calcium	43-1	49396.97	49647.95	48487.15	49177.36	1.24	ppb
Calcium	44-1	48319.24	48133.86	48535.71	48329.60	0.42	ppb
Chromium	52-2	502.65	500.61	498.76	500.67	0.39	ppb
Cobalt	59-2	496.59	497.47	498.98	497.68	0.24	ppb
Copper	63-2	1027.35	1017.86	1025.29	1023.50	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25520.05	25449.94	25465.35	25478.45	0.14	ppb
Iron	57-2	25458.03	25532.80	25598.14	25529.66	0.27	ppb
Lead	206-1	493.19	507.32	493.83	498.11	1.60	ppb
Lead	207-1	489.03	501.76	488.78	493.19	1.51	ppb
Lead	208-1	494.54	507.70	496.45	499.56	1.42	ppb
Lithium	6-1						%
Magnesium	24-2	49857.94	50200.69	49846.08	49968.24	0.40	ppb
Manganese	55-2	1019.48	1016.00	1011.73	1015.74	0.38	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:12:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	507.59	502.40	501.23	503.74	0.67	ppb
Molybdenum	94-1	503.23	498.39	503.52	501.71	0.57	ppb
Molybdenum	95-1	499.33	500.52	504.29	501.38	0.52	ppb
Molybdenum	96-1	507.38	500.22	512.58	506.73	1.23	ppb
Molybdenum	97-1	495.55	495.32	492.57	494.48	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.62	508.34	508.53	507.83	0.21	ppb
Phosphorus	31-2	10320.26	10375.82	9049.44	9915.17	7.57	ppb
Potassium	39-2	24909.23	24921.60	24935.03	24921.95	0.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	488.73	442.44	573.34	501.50	13.24	ppb
Selenium	78-2	511.30	510.21	470.21	497.24	4.71	ppb
Selenium	82-1	504.94	501.55	502.33	502.94	0.35	ppb
Silicon	28-1	533.97	535.00	535.93	534.97	0.18	ppb
Silver	109-1	513.15	514.32	515.65	514.37	0.24	ppb
Silver	107-1	517.74	504.71	506.25	509.56	1.40	ppb
Sodium	23-2	49944.80	49765.07	49304.05	49671.30	0.67	ppb
Strontium	86-1	494.85	499.62	496.46	496.98	0.49	ppb
Strontium	88-1	499.94	500.74	499.48	500.05	0.13	ppb
Sulfur	34-1	12268.32	12111.34	12004.52	12128.06	1.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.86	510.74	498.83	501.81	1.57	ppb
Thallium	205-1	494.75	513.77	502.50	503.67	1.90	ppb
Tin	118-1	513.88	509.25	511.16	511.43	0.45	ppb
Titanium	47-1	494.82	491.01	495.95	493.93	0.52	ppb
Uranium	238-1	496.71	502.65	494.63	498.00	0.84	ppb
Vanadium	51-2	503.16	505.54	500.36	503.02	0.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1024.55	1019.43	1019.41	1021.13	0.29	ppb
Zirconium	90-1	499.60	499.07	503.28	500.65	0.46	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:12:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.95	504.52	497.50	500.32	0.74	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:15:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19074.23	19196.10	19067.76	19112.70	0.38	ppb
Antimony	121-1	986.02	994.55	992.88	991.15	0.46	ppb
Arsenic	75-2	997.92	1001.16	999.40	999.50	0.16	ppb
Barium	135-1	4955.14	4986.27	4964.54	4968.65	0.32	ppb
Barium	137-1	4964.80	4979.06	5010.67	4984.84	0.47	ppb
Beryllium	9-1	989.77	1004.67	1011.43	1001.95	1.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	980.54	999.93	1019.34	999.94	1.94	ppb
Boron	10-1	992.45	999.84	1022.39	1004.90	1.55	ppb
Cadmium	106-1	1003.35	992.23	982.97	992.85	1.03	ppb
Cadmium	108-1	989.31	990.10	995.55	991.66	0.34	ppb
Cadmium	111-1	993.81	995.85	996.17	995.28	0.13	ppb
Calcium	43-1	98774.67	97591.69	99791.28	98719.21	1.12	ppb
Calcium	44-1	96584.10	95521.71	97389.20	96498.34	0.97	ppb
Chromium	52-2	1005.44	1006.47	982.61	998.17	1.35	ppb
Cobalt	59-2	999.23	1007.49	993.08	999.93	0.72	ppb
Copper	63-2	1997.14	1993.07	1963.34	1984.52	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50205.74	50363.27	49481.53	50016.85	0.94	ppb
Iron	57-2	50131.48	50583.13	50090.29	50268.30	0.54	ppb
Lead	206-1	984.86	1008.62	1013.49	1002.32	1.53	ppb
Lead	207-1	1000.61	1010.29	1006.99	1005.96	0.49	ppb
Lead	208-1	990.47	1006.11	1007.41	1001.33	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	96973.65	98063.97	95973.60	97003.74	1.08	ppb
Manganese	55-2	1992.66	1996.60	1968.94	1986.07	0.75	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:15:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	995.68	995.21	1001.52	997.47	0.35	ppb
Molybdenum	94-1	992.83	1007.68	992.15	997.55	0.88	ppb
Molybdenum	95-1	995.77	1003.69	1002.04	1000.50	0.42	ppb
Molybdenum	96-1	998.60	999.33	993.49	997.14	0.32	ppb
Molybdenum	97-1	1001.89	1005.58	1002.12	1003.20	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.33	998.17	982.75	993.08	0.90	ppb
Phosphorus	31-2	19841.49	20167.95	19851.13	19953.52	0.93	ppb
Potassium	39-2	48988.32	49895.93	48159.87	49014.71	1.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	945.50	1009.26	1036.41	997.06	4.68	ppb
Selenium	78-2	994.78	1017.45	994.08	1002.10	1.33	ppb
Selenium	82-1	1001.70	991.39	994.84	995.98	0.53	ppb
Silicon	28-1	968.24	963.83	982.28	971.45	0.99	ppb
Silver	109-1	986.95	984.09	989.85	986.96	0.29	ppb
Silver	107-1	994.70	985.86	986.68	989.08	0.49	ppb
Sodium	23-2	98225.05	98218.62	96930.09	97791.25	0.76	ppb
Strontium	86-1	999.95	996.28	1008.22	1001.48	0.61	ppb
Strontium	88-1	994.38	995.69	1004.87	998.31	0.57	ppb
Sulfur	34-1	18318.75	17782.99	18227.45	18109.73	1.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	972.62	997.72	1030.94	1000.43	2.92	ppb
Thallium	205-1	987.47	992.94	1012.31	997.57	1.31	ppb
Tin	118-1	989.45	995.87	989.46	991.59	0.37	ppb
Titanium	47-1	1001.00	997.83	1010.50	1003.11	0.66	ppb
Uranium	238-1	995.11	1008.77	1001.66	1001.85	0.68	ppb
Vanadium	51-2	999.36	1004.17	987.51	997.01	0.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1990.03	1993.41	1960.78	1981.41	0.91	ppb
Zirconium	90-1	1001.11	997.99	993.90	997.67	0.36	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:15:52	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.33	1003.32	997.94	1000.19	0.28	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:18:58 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98815.04	100249.11	101561.95	100208.70	1.37	ppb
Antimony	121-1	2.23	2.27	2.19	2.23	1.73	ppb
Arsenic	75-2	0.48	0.45	0.45	0.46	2.92	ppb
Barium	135-1	2.34	2.38	2.44	2.39	2.26	ppb
Barium	137-1	2.03	2.33	2.24	2.20	7.08	ppb
Beryllium	9-1	0.21	0.25	0.24	0.24	8.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	36.06	33.19	31.29	33.51	7.17	ppb
Boron	10-1	38.58	32.88	31.35	34.27	11.12	ppb
Cadmium	106-1	-0.83	-0.26	-0.19	-0.43		ppb
Cadmium	108-1	0.04	0.26	0.32	0.20	72.85	ppb
Cadmium	111-1	0.16	0.22	0.23	0.20	18.96	ppb
Calcium	43-1	503443.47	500095.17	497538.86	500359.17	0.59	ppb
Calcium	44-1	500498.76	500563.84	501633.55	500898.72	0.13	ppb
Chromium	52-2	23.58	24.15	24.41	24.05	1.77	ppb
Cobalt	59-2	1.58	1.62	1.60	1.60	1.41	ppb
Copper	63-2	3.58	3.87	4.00	3.82	5.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	246363.84	250023.72	253355.34	249914.30	1.40	ppb
Iron	57-2	246192.79	250625.87	252772.41	249863.69	1.34	ppb
Lead	206-1	2.59	2.62	2.54	2.58	1.43	ppb
Lead	207-1	2.55	2.39	2.37	2.44	3.99	ppb
Lead	208-1	2.50	2.52	2.53	2.51	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	493324.16	502702.30	505605.99	500544.15	1.28	ppb
Manganese	55-2	8.07	7.99	8.77	8.27	5.16	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:18:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.11	4.21	4.19	4.17	1.35	ppb
Molybdenum	94-1	1.42	1.45	1.45	1.44	1.15	ppb
Molybdenum	95-1	4.09	4.27	4.18	4.18	2.21	ppb
Molybdenum	96-1	3.94	3.92	3.89	3.92	0.63	ppb
Molybdenum	97-1	4.14	4.24	4.12	4.17	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.19	14.98	15.13	14.77	3.43	ppb
Phosphorus	31-2	-14.71	57.82	-14.47	9.54	437.97	ppb
Potassium	39-2	244567.30	251332.79	254637.43	250179.17	2.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.48	2.46	2.48	2.47	0.51	ppb
Selenium	78-2	1.12	1.10	0.72	0.98	23.14	ppb
Selenium	82-1	0.66	0.69	0.75	0.70	6.57	ppb
Silicon	28-1	26.86	26.84	25.16	26.29	3.70	ppb
Silver	109-1	0.20	0.17	0.20	0.19	10.64	ppb
Silver	107-1	0.19	0.18	0.21	0.19	8.95	ppb
Sodium	23-2	492053.80	501999.56	507195.51	500416.29	1.54	ppb
Strontium	86-1	34.20	34.52	33.86	34.19	0.96	ppb
Strontium	88-1	34.25	34.67	34.13	34.35	0.83	ppb
Sulfur	34-1	1905.33	1877.57	1900.88	1894.59	0.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.42	0.50	0.46	0.46	8.47	ppb
Thallium	205-1	0.44	0.47	0.45	0.45	3.22	ppb
Tin	118-1	0.84	0.94	0.84	0.87	6.56	ppb
Titanium	47-1	0.97	0.95	1.00	0.97	2.35	ppb
Uranium	238-1	0.27	0.24	0.22	0.24	10.63	ppb
Vanadium	51-2	0.56	0.54	0.58	0.56	4.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.78	13.15	14.04	13.32	4.88	ppb
Zirconium	90-1	0.21	0.21	0.21	0.21	0.85	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:18:58	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.21	0.22	0.20	13.39	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.00	501.11	488.84	492.31	1.56	ppb
Antimony	121-1	207.09	204.15	203.46	204.90	0.94	ppb
Arsenic	75-2	197.52	198.80	196.69	197.67	0.54	ppb
Barium	135-1	102.44	103.36	102.56	102.79	0.48	ppb
Barium	137-1	102.41	100.39	100.63	101.15	1.09	ppb
Beryllium	9-1	101.70	101.95	99.38	101.01	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	540.52	553.43	545.55	546.50	1.19	ppb
Boron	10-1	541.72	546.88	541.05	543.22	0.59	ppb
Cadmium	106-1	92.06	94.01	95.87	93.98	2.03	ppb
Cadmium	108-1	104.72	103.37	101.77	103.29	1.43	ppb
Cadmium	111-1	103.84	102.48	104.77	103.70	1.11	ppb
Calcium	43-1	1956.48	1978.19	1922.62	1952.43	1.43	ppb
Calcium	44-1	1965.04	1995.22	1976.73	1978.99	0.77	ppb
Chromium	52-2	97.53	96.58	95.37	96.50	1.12	ppb
Cobalt	59-2	98.69	99.26	98.72	98.89	0.32	ppb
Copper	63-2	98.90	99.20	98.93	99.01	0.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1000.33	990.70	991.53	994.19	0.54	ppb
Iron	57-2	986.22	998.97	972.15	985.78	1.36	ppb
Lead	206-1	197.13	199.24	188.68	195.02	2.86	ppb
Lead	207-1	187.44	188.94	182.39	186.26	1.84	ppb
Lead	208-1	193.20	193.94	187.46	191.53	1.85	ppb
Lithium	6-1						%
Magnesium	24-2	1190.37	1199.22	1183.47	1191.02	0.66	ppb
Manganese	55-2	97.88	98.70	99.89	98.82	1.02	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	476.15	469.09	463.39	469.54	1.36	ppb
Molybdenum	94-1	146.93	146.02	142.25	145.07	1.71	ppb
Molybdenum	95-1	476.60	466.35	459.97	467.64	1.79	ppb
Molybdenum	96-1	402.49	394.94	387.59	395.01	1.89	ppb
Molybdenum	97-1	468.33	466.96	454.67	463.32	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.30	100.56	102.11	100.99	0.97	ppb
Phosphorus	31-2	24.91	25.24	-5.04	15.03	115.66	ppb
Potassium	39-2	2013.60	2030.01	1998.35	2013.98	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	214.16	205.91	181.18	200.41	8.56	ppb
Selenium	78-2	206.36	201.15	209.97	205.83	2.16	ppb
Selenium	82-1	207.08	203.89	201.92	204.30	1.27	ppb
Silicon	28-1	465.11	468.66	463.14	465.63	0.60	ppb
Silver	109-1	105.50	103.69	105.61	104.93	1.03	ppb
Silver	107-1	105.76	104.28	105.05	105.03	0.71	ppb
Sodium	23-2	2042.50	2045.46	2046.20	2044.72	0.10	ppb
Strontium	86-1	2.38	2.52	2.26	2.39	5.55	ppb
Strontium	88-1	2.28	2.30	2.24	2.28	1.41	ppb
Sulfur	34-1	1022.32	1258.16	1049.29	1109.92	11.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	201.54	202.61	191.57	198.57	3.07	ppb
Thallium	205-1	206.39	207.09	196.20	203.23	3.00	ppb
Tin	118-1	504.75	493.90	499.16	499.27	1.09	ppb
Titanium	47-1	455.95	458.50	453.12	455.86	0.59	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	98.22	97.46	96.98	97.55	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	201.71	204.11	200.59	202.14	0.89	ppb
Zirconium	90-1	0.28	0.19	0.18	0.22	23.82	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.23	0.20	0.23	13.54	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:39:58 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-1.78	-2.57	-1.54		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	9.90	ppb
Arsenic	75-2	0.01	-0.01	-0.05	-0.02		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	165.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.91	4.83	4.91	4.88	0.92	ppb
Boron	10-1	6.36	5.68	5.16	5.73	10.55	ppb
Cadmium	106-1	-0.80	-0.48	-1.79	-1.02		ppb
Cadmium	108-1	-0.09	-0.12	-0.06	-0.09		ppb
Cadmium	111-1	-0.06	-0.04	-0.13	-0.08		ppb
Calcium	43-1	15.09	-10.37	11.73	5.49	252.11	ppb
Calcium	44-1	-0.90	2.05	10.56	3.90	152.51	ppb
Chromium	52-2	-0.03	-0.04	-0.09	-0.05		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.00	-0.03	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.07	-0.35	-0.27	-0.18		ppb
Iron	57-2	-1.20	-0.93	-1.84	-1.32		ppb
Lead	206-1	0.09	0.06	0.08	0.07	20.93	ppb
Lead	207-1	0.10	0.07	0.06	0.08	25.18	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.02	ppb
Lithium	6-1						%
Magnesium	24-2	-0.32	1.12	-0.33	0.16	531.34	ppb
Manganese	55-2	0.02	0.10	0.02	0.05	101.22	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:39:58 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	1573.20	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	79.39	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	-15.76	-6.25	-24.97	-15.66		ppb
Potassium	39-2	14.03	0.63	20.10	11.59	85.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.25	0.00	0.00	0.75	173.21	ppb
Selenium	78-2	-0.48	-0.12	0.25	-0.12		ppb
Selenium	82-1	-0.93	-0.33	-0.46	-0.57		ppb
Silicon	28-1	-10.07	-6.79	-9.29	-8.72		ppb
Silver	109-1	0.00	0.01	0.01	0.01	81.70	ppb
Silver	107-1	0.01	0.00	0.01	0.01	34.31	ppb
Sodium	23-2	31.64	35.54	33.87	33.69	5.81	ppb
Strontium	86-1	-0.03	0.10	0.00	0.02	264.83	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-455.83	-380.75	-139.00	-325.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.01	0.01	54.76	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2138.33	ppb
Tin	118-1	0.06	0.05	0.05	0.05	16.11	ppb
Titanium	47-1	-0.03	-0.03	0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	15617.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.01	-0.05	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:39:58	DataFile Name :	014CCBE.d

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

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:43:08 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89330.53	88866.11	91005.14	89733.93	1.25	ppb
Antimony	121-1	1.22	1.29	1.24	1.25	3.00	ppb
Arsenic	75-2	0.39	0.25	0.41	0.35	24.81	ppb
Barium	135-1	1.30	1.36	1.47	1.38	6.07	ppb
Barium	137-1	1.49	1.44	1.46	1.46	1.58	ppb
Beryllium	9-1	0.25	0.33	0.36	0.31	17.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.28	5.79	5.78	5.95	4.85	ppb
Boron	10-1	6.59	5.64	5.73	5.99	8.81	ppb
Cadmium	106-1	-0.20	-2.17	-0.63	-1.00		ppb
Cadmium	108-1	6.60	7.48	7.20	7.09	6.33	ppb
Cadmium	111-1	0.34	0.15	0.22	0.24	40.28	ppb
Calcium	43-1	95024.11	95981.92	94751.17	95252.40	0.68	ppb
Calcium	44-1	93469.60	92651.40	93296.18	93139.06	0.46	ppb
Chromium	52-2	18.60	19.13	19.76	19.16	3.02	ppb
Cobalt	59-2	1.09	1.04	1.13	1.09	4.01	ppb
Copper	63-2	7.80	7.76	7.79	7.78	0.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95973.39	95932.58	96642.61	96182.86	0.41	ppb
Iron	57-2	98848.77	98590.73	99246.25	98895.25	0.33	ppb
Lead	206-1	4.52	4.73	4.58	4.61	2.39	ppb
Lead	207-1	3.96	3.80	3.98	3.92	2.52	ppb
Lead	208-1	4.16	4.22	4.13	4.17	1.15	ppb
Lithium	6-1						%
Magnesium	24-2	94663.29	94347.32	95920.28	94976.97	0.88	ppb
Manganese	55-2	7.37	7.70	7.45	7.50	2.29	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:43:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1874.53	1860.68	1874.33	1869.85	0.42	ppb
Molybdenum	94-1	580.08	586.94	580.34	582.46	0.67	ppb
Molybdenum	95-1	1836.29	1853.51	1836.49	1842.10	0.54	ppb
Molybdenum	96-1	1564.65	1567.46	1551.18	1561.10	0.56	ppb
Molybdenum	97-1	1866.93	1863.56	1863.82	1864.77	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.46	5.12	5.30	5.29	3.15	ppb
Phosphorus	31-2	97334.24	99323.75	98612.03	98423.34	1.02	ppb
Potassium	39-2	97192.73	96103.85	97987.94	97094.84	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.53	0.00	0.84	173.21	ppb
Selenium	78-2	1.93	0.74	0.33	1.00	83.47	ppb
Selenium	82-1	0.59	0.60	0.34	0.51	28.79	ppb
Silicon	28-1	38.03	36.92	36.41	37.12	2.23	ppb
Silver	109-1	0.40	0.40	0.37	0.39	4.31	ppb
Silver	107-1	0.38	0.39	0.36	0.38	4.43	ppb
Sodium	23-2	96448.40	96213.27	96653.51	96438.39	0.23	ppb
Strontium	86-1	31.70	31.83	31.89	31.81	0.31	ppb
Strontium	88-1	33.02	33.09	32.39	32.83	1.17	ppb
Sulfur	34-1	78771.14	77976.13	77664.63	78137.30	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.05	0.08	0.08	39.28	ppb
Thallium	205-1	0.08	0.07	0.05	0.07	21.91	ppb
Tin	118-1	0.40	0.43	0.39	0.40	4.40	ppb
Titanium	47-1	1895.37	1886.01	1862.30	1881.23	0.91	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.56	ppb
Vanadium	51-2	0.15	0.11	0.13	0.13	14.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.65	10.75	11.31	11.23	4.04	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	53.96	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:43:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	202.08	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:46:12 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91744.32	91223.48	91492.65	91486.82	0.28	ppb
Antimony	121-1	21.34	20.97	20.74	21.01	1.44	ppb
Arsenic	75-2	19.55	20.17	19.43	19.72	2.02	ppb
Barium	135-1	21.75	21.64	21.34	21.58	0.99	ppb
Barium	137-1	22.09	21.52	20.92	21.51	2.71	ppb
Beryllium	9-1	19.89	19.98	19.77	19.88	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	65.99	65.62	64.77	65.46	0.95	ppb
Boron	10-1	68.58	63.45	66.49	66.17	3.89	ppb
Cadmium	106-1	23.73	20.17	23.24	22.38	8.61	ppb
Cadmium	108-1	30.96	28.67	28.70	29.44	4.46	ppb
Cadmium	111-1	20.48	19.67	20.08	20.08	2.04	ppb
Calcium	43-1	95556.74	94456.28	95776.23	95263.08	0.74	ppb
Calcium	44-1	94307.06	93367.59	93946.65	93873.77	0.50	ppb
Chromium	52-2	39.85	39.19	39.12	39.39	1.03	ppb
Cobalt	59-2	21.45	21.15	21.25	21.29	0.70	ppb
Copper	63-2	27.99	27.47	27.54	27.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98564.21	98952.68	98735.11	98750.67	0.20	ppb
Iron	57-2	101468.00	101646.09	100562.42	101225.50	0.57	ppb
Lead	206-1	24.16	24.71	24.22	24.36	1.23	ppb
Lead	207-1	22.10	22.50	21.96	22.19	1.27	ppb
Lead	208-1	23.03	23.36	22.97	23.12	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	96817.68	96756.39	97394.05	96989.38	0.36	ppb
Manganese	55-2	29.11	27.46	27.30	27.96	3.58	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:46:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1904.83	1953.19	1933.03	1930.35	1.26	ppb
Molybdenum	94-1	642.45	643.33	646.16	643.98	0.30	ppb
Molybdenum	95-1	1885.66	1898.60	1913.79	1899.35	0.74	ppb
Molybdenum	96-1	1593.29	1608.83	1645.32	1615.82	1.65	ppb
Molybdenum	97-1	1900.27	1920.88	1928.14	1916.43	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.98	25.59	25.37	25.64	1.22	ppb
Phosphorus	31-2	100759.37	98925.15	100818.49	100167.67	1.07	ppb
Potassium	39-2	99976.78	98920.95	99154.01	99350.58	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.14	22.66	20.30	19.37	19.85	ppb
Selenium	78-2	18.21	23.03	24.84	22.02	15.57	ppb
Selenium	82-1	19.73	19.90	18.53	19.39	3.86	ppb
Silicon	28-1	115.28	110.86	112.48	112.87	1.98	ppb
Silver	109-1	19.48	19.33	19.14	19.32	0.87	ppb
Silver	107-1	19.59	19.51	19.34	19.48	0.67	ppb
Sodium	23-2	98793.84	98661.22	98127.01	98527.35	0.36	ppb
Strontium	86-1	88.88	88.61	88.00	88.50	0.51	ppb
Strontium	88-1	90.53	92.18	92.98	91.90	1.36	ppb
Sulfur	34-1	78341.76	76725.83	78031.95	77699.84	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.06	20.06	19.90	20.01	0.48	ppb
Thallium	205-1	19.82	20.01	19.92	19.92	0.46	ppb
Tin	118-1	60.41	59.43	58.61	59.49	1.51	ppb
Titanium	47-1	1938.52	1928.42	1961.76	1942.90	0.88	ppb
Uranium	238-1	58.89	59.45	59.14	59.16	0.47	ppb
Vanadium	51-2	20.11	20.15	19.48	19.91	1.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.48	32.31	32.79	32.53	0.74	ppb
Zirconium	90-1	56.67	57.25	57.91	57.28	1.08	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:46:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.21	56.57	56.90	56.56	0.61	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9349.17	9192.82	9403.03	9315.00	1.17	ppb
Antimony	121-1	0.13	0.12	0.13	0.13	6.59	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	76.26	ppb
Barium	135-1	0.13	0.21	0.13	0.16	30.08	ppb
Barium	137-1	0.17	0.15	0.17	0.17	6.82	ppb
Beryllium	9-1	0.00	0.01	0.03	0.01	95.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.81	4.10	4.64	4.52	8.27	ppb
Boron	10-1	4.42	5.30	4.02	4.58	14.22	ppb
Cadmium	106-1	-1.76	-2.07	0.01	-1.28		ppb
Cadmium	108-1	0.83	0.73	0.79	0.78	6.62	ppb
Cadmium	111-1	-0.11	-0.12	0.03	-0.06		ppb
Calcium	43-1	9744.27	9749.70	9733.93	9742.63	0.08	ppb
Calcium	44-1	9727.80	9767.22	9903.14	9799.39	0.94	ppb
Chromium	52-2	1.88	1.96	2.06	1.97	4.40	ppb
Cobalt	59-2	0.10	0.09	0.13	0.11	20.54	ppb
Copper	63-2	0.97	0.98	1.05	1.00	4.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10181.25	9966.78	10178.91	10108.98	1.22	ppb
Iron	57-2	10051.93	10083.42	10051.65	10062.33	0.18	ppb
Lead	206-1	0.51	0.52	0.50	0.51	2.33	ppb
Lead	207-1	0.48	0.45	0.41	0.45	7.93	ppb
Lead	208-1	0.48	0.47	0.47	0.47	1.77	ppb
Lithium	6-1						%
Magnesium	24-2	9920.29	9815.08	10013.72	9916.36	1.00	ppb
Manganese	55-2	0.81	0.86	0.79	0.82	4.54	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	193.05	191.58	190.29	191.64	0.72	ppb
Molybdenum	94-1	59.39	59.90	59.21	59.50	0.60	ppb
Molybdenum	95-1	190.97	189.60	190.30	190.29	0.36	ppb
Molybdenum	96-1	160.76	158.73	159.12	159.54	0.67	ppb
Molybdenum	97-1	190.22	190.61	192.26	191.03	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.50	0.49	0.49	1.81	ppb
Phosphorus	31-2	9927.14	9972.28	9893.05	9930.82	0.40	ppb
Potassium	39-2	9920.69	9957.40	10160.25	10012.78	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.05	0.65	-0.10	0.54	109.33	ppb
Selenium	82-1	-2.25	0.00	0.11	-0.71		ppb
Silicon	28-1	-3.78	-3.96	-4.45	-4.07		ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.48	ppb
Silver	107-1	0.04	0.05	0.05	0.05	4.02	ppb
Sodium	23-2	10356.69	10150.82	10263.71	10257.08	1.01	ppb
Strontium	86-1	3.24	3.42	3.34	3.34	2.67	ppb
Strontium	88-1	3.35	3.35	3.42	3.38	1.20	ppb
Sulfur	34-1	8464.73	8782.62	8900.51	8715.95	2.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	14.52	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.47	ppb
Tin	118-1	0.09	0.10	0.12	0.10	11.36	ppb
Titanium	47-1	192.31	192.02	192.66	192.33	0.17	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	112.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.46	1.05	1.45	1.32	17.78	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.36	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

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

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9299.63	9047.78	8984.62	9110.67	1.83	ppb
Antimony	121-1	2.14	2.29	2.22	2.21	3.41	ppb
Arsenic	75-2	2.27	1.99	2.20	2.15	6.87	ppb
Barium	135-1	2.03	2.28	2.10	2.14	6.15	ppb
Barium	137-1	2.05	2.27	2.30	2.21	6.14	ppb
Beryllium	9-1	1.99	2.18	1.98	2.05	5.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.23	9.10	9.65	9.33	3.11	ppb
Boron	10-1	9.24	9.13	10.04	9.47	5.24	ppb
Cadmium	106-1	0.71	1.57	1.00	1.10	39.78	ppb
Cadmium	108-1	2.66	3.48	3.22	3.12	13.43	ppb
Cadmium	111-1	2.05	2.16	2.09	2.10	2.68	ppb
Calcium	43-1	9696.43	9470.10	9598.12	9588.22	1.18	ppb
Calcium	44-1	9641.73	9592.40	9590.40	9608.18	0.30	ppb
Chromium	52-2	3.74	3.99	4.15	3.96	5.20	ppb
Cobalt	59-2	2.11	2.09	2.15	2.11	1.48	ppb
Copper	63-2	2.91	2.87	2.92	2.90	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9876.61	9916.97	10167.87	9987.15	1.58	ppb
Iron	57-2	9923.78	9923.27	10050.57	9965.87	0.74	ppb
Lead	206-1	2.47	2.45	2.40	2.44	1.56	ppb
Lead	207-1	2.33	2.34	2.32	2.33	0.34	ppb
Lead	208-1	2.38	2.38	2.34	2.37	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	9711.32	9733.85	9849.24	9764.80	0.76	ppb
Manganese	55-2	2.88	2.90	2.88	2.89	0.25	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	195.71	196.87	197.72	196.77	0.51	ppb
Molybdenum	94-1	64.32	65.12	65.85	65.10	1.17	ppb
Molybdenum	95-1	192.45	194.12	194.83	193.80	0.63	ppb
Molybdenum	96-1	160.92	164.27	163.56	162.92	1.08	ppb
Molybdenum	97-1	195.49	194.68	195.82	195.33	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.43	2.80	2.61	7.12	ppb
Phosphorus	31-2	10492.00	10286.14	9507.66	10095.27	5.14	ppb
Potassium	39-2	9870.32	9793.42	9949.72	9871.15	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.32	4.65	0.00	4.66	100.09	ppb
Selenium	78-2	2.14	1.01	1.80	1.65	35.07	ppb
Selenium	82-1	1.57	1.10	3.06	1.91	53.53	ppb
Silicon	28-1	2.19	1.87	2.26	2.10	9.83	ppb
Silver	109-1	2.04	2.00	1.94	1.99	2.68	ppb
Silver	107-1	2.15	2.09	2.02	2.08	3.13	ppb
Sodium	23-2	10145.04	9925.46	10162.41	10077.64	1.31	ppb
Strontium	86-1	9.33	9.10	9.20	9.21	1.28	ppb
Strontium	88-1	9.43	9.30	9.29	9.34	0.81	ppb
Sulfur	34-1	8481.13	8414.34	8918.39	8604.62	3.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.95	1.96	1.97	1.96	0.62	ppb
Thallium	205-1	2.00	1.96	1.92	1.96	1.91	ppb
Tin	118-1	6.26	6.46	6.34	6.36	1.55	ppb
Titanium	47-1	196.52	193.41	195.18	195.04	0.80	ppb
Uranium	238-1	6.00	5.93	5.85	5.93	1.31	ppb
Vanadium	51-2	2.09	2.02	2.04	2.05	1.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.97	3.69	3.25	3.30	11.05	ppb
Zirconium	90-1	5.91	5.92	5.88	5.91	0.34	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.87	5.65	5.69	5.74	1.96	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47927.49	48190.37	48554.49	48224.12	0.65	ppb
Antimony	121-1	509.12	507.67	501.03	505.94	0.85	ppb
Arsenic	75-2	489.55	486.29	491.59	489.14	0.55	ppb
Barium	135-1	2616.62	2529.68	2507.35	2551.22	2.26	ppb
Barium	137-1	2554.93	2490.72	2467.49	2504.38	1.81	ppb
Beryllium	9-1	525.61	516.44	512.23	518.09	1.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	518.82	523.27	513.60	518.56	0.93	ppb
Boron	10-1	517.60	516.95	521.35	518.63	0.46	ppb
Cadmium	106-1	506.79	510.45	491.26	502.83	2.03	ppb
Cadmium	108-1	503.96	502.47	480.68	495.70	2.63	ppb
Cadmium	111-1	500.41	492.98	483.08	492.16	1.77	ppb
Calcium	43-1	234736.47	232094.22	234948.34	233926.34	0.68	ppb
Calcium	44-1	234471.98	232761.02	233377.36	233536.78	0.37	ppb
Chromium	52-2	489.92	491.78	494.18	491.96	0.43	ppb
Cobalt	59-2	470.84	466.68	481.04	472.86	1.56	ppb
Copper	63-2	935.83	936.58	965.42	945.95	1.78	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119039.85	119074.39	120827.97	119647.40	0.85	ppb
Iron	57-2	121095.33	120926.70	124361.96	122128.00	1.59	ppb
Lead	206-1	491.87	481.22	483.46	485.52	1.16	ppb
Lead	207-1	484.87	480.01	480.42	481.77	0.56	ppb
Lead	208-1	492.89	487.78	492.55	491.07	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	233679.20	236146.75	240743.55	236856.50	1.51	ppb
Manganese	55-2	970.93	969.29	986.42	975.55	0.97	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	506.98	493.06	504.54	501.53	1.48	ppb
Molybdenum	94-1	508.00	498.74	499.07	501.94	1.05	ppb
Molybdenum	95-1	503.74	494.31	502.06	500.04	1.01	ppb
Molybdenum	96-1	507.96	496.80	505.47	503.41	1.16	ppb
Molybdenum	97-1	494.73	487.03	489.25	490.33	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.32	477.90	487.53	480.91	1.19	ppb
Phosphorus	31-2	9162.17	10108.20	10217.26	9829.21	5.90	ppb
Potassium	39-2	119128.33	120945.52	121724.13	120599.33	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	416.83	466.16	457.84	446.94	5.91	ppb
Selenium	78-2	495.56	478.86	492.49	488.97	1.82	ppb
Selenium	82-1	491.74	487.82	497.09	492.22	0.95	ppb
Silicon	28-1	540.12	531.38	547.19	539.56	1.47	ppb
Silver	109-1	507.97	503.66	490.56	500.73	1.81	ppb
Silver	107-1	509.13	504.81	490.31	501.42	1.97	ppb
Sodium	23-2	237575.85	238533.70	243294.50	239801.35	1.28	ppb
Strontium	86-1	503.13	498.78	499.41	500.44	0.47	ppb
Strontium	88-1	511.04	502.18	504.49	505.90	0.91	ppb
Sulfur	34-1	11744.38	11343.57	11624.50	11570.82	1.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.55	493.21	492.49	492.42	0.17	ppb
Thallium	205-1	506.42	498.64	491.68	498.91	1.48	ppb
Tin	118-1	520.09	504.91	504.60	509.87	1.74	ppb
Titanium	47-1	485.44	480.30	489.41	485.05	0.94	ppb
Uranium	238-1	498.11	504.25	494.96	499.11	0.95	ppb
Vanadium	51-2	488.21	491.26	494.90	491.46	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	941.26	948.84	975.31	955.14	1.87	ppb
Zirconium	90-1	500.38	493.21	494.28	495.96	0.78	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.76	493.11	496.23	497.36	0.99	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:08:07 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.82	2.00	-1.03	-0.28		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.29	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	-0.03	0.00	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	2.89	2.55	2.49	2.64	8.29	ppb
Boron	10-1	2.17	2.05	2.29	2.17	5.38	ppb
Cadmium	106-1	-0.88	-0.97	-0.48	-0.78		ppb
Cadmium	108-1	-0.09	-0.15	-0.09	-0.11		ppb
Cadmium	111-1	-0.07	-0.07	-0.04	-0.06		ppb
Calcium	43-1	24.60	20.66	15.70	20.32	21.96	ppb
Calcium	44-1	-3.05	0.38	-0.04	-0.90		ppb
Chromium	52-2	-0.03	-0.05	-0.03	-0.04		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.01	0.02	0.00	0.01	94.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.25	0.15	0.07	0.16	58.51	ppb
Iron	57-2	-0.01	1.26	-1.39	-0.05		ppb
Lead	206-1	0.03	0.02	0.00	0.02	94.05	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.17	ppb
Lead	208-1	0.03	0.04	0.03	0.03	24.62	ppb
Lithium	6-1						%
Magnesium	24-2	-0.49	-0.02	0.00	-0.17		ppb
Manganese	55-2	0.06	-0.02	-0.02	0.01	793.97	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:08:07	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	542.42	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	593.93	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.05	-0.04		ppb
Phosphorus	31-2	-6.72	-6.61	21.41	2.69	601.75	ppb
Potassium	39-2	32.29	20.75	9.30	20.78	55.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	-0.12	2.85	0.87	196.13	ppb
Selenium	82-1	-1.45	-0.40	-0.85	-0.90		ppb
Silicon	28-1	-12.17	-14.48	-14.47	-13.71		ppb
Silver	109-1	0.00	0.00	0.00	0.00	220.42	ppb
Silver	107-1	0.01	0.00	0.01	0.01	47.47	ppb
Sodium	23-2	39.06	38.97	35.51	37.85	5.34	ppb
Strontium	86-1	-0.04	0.09	0.02	0.02	259.82	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-634.67	-576.71	-438.70	-550.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	64.72	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.04	-0.01	-0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	-0.08	-0.02	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	374.50	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:08:07	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	252.88	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.52	22.28	18.27	17.02	35.11	ppb
Antimony	121-1	1.93	1.93	1.85	1.90	2.59	ppb
Arsenic	75-2	1.11	0.87	0.85	0.94	15.42	ppb
Barium	135-1	9.43	9.83	9.31	9.52	2.85	ppb
Barium	137-1	9.23	8.96	9.16	9.12	1.54	ppb
Beryllium	9-1	0.98	0.92	1.02	0.97	5.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	23.24	24.22	24.64	24.03	2.97	ppb
Boron	10-1	23.05	25.00	22.23	23.43	6.07	ppb
Cadmium	106-1	0.24	0.17	-0.95	-0.18		ppb
Cadmium	108-1	0.77	1.39	1.24	1.13	28.47	ppb
Cadmium	111-1	0.95	0.99	0.81	0.92	9.94	ppb
Calcium	43-1	451.86	435.69	457.87	448.47	2.56	ppb
Calcium	44-1	434.00	445.06	443.78	440.95	1.37	ppb
Chromium	52-2	1.88	2.06	2.02	1.98	4.71	ppb
Cobalt	59-2	0.91	0.92	0.98	0.94	3.68	ppb
Copper	63-2	2.06	2.16	2.13	2.12	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.23	46.45	46.02	46.23	0.47	ppb
Iron	57-2	45.74	48.68	47.31	47.24	3.12	ppb
Lead	206-1	0.97	1.03	0.97	0.99	3.84	ppb
Lead	207-1	0.89	0.97	0.90	0.92	5.01	ppb
Lead	208-1	0.94	0.98	0.94	0.95	2.70	ppb
Lithium	6-1						%
Magnesium	24-2	465.48	469.83	465.08	466.79	0.56	ppb
Manganese	55-2	0.98	1.02	0.89	0.96	6.58	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.37	4.42	4.57	4.46	2.28	ppb
Molybdenum	94-1	2.05	2.03	2.06	2.05	0.62	ppb
Molybdenum	95-1	4.29	4.46	4.34	4.36	2.01	ppb
Molybdenum	96-1	3.81	3.91	3.79	3.84	1.69	ppb
Molybdenum	97-1	4.27	4.47	4.42	4.39	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.02	0.92	0.96	5.32	ppb
Phosphorus	31-2	-15.70	-15.62	-6.38	-12.57		ppb
Potassium	39-2	492.20	502.36	483.39	492.65	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.32	7.00	2.33	3.89	69.42	ppb
Selenium	78-2	6.25	6.28	4.41	5.65	19.03	ppb
Selenium	82-1	4.45	3.30	4.39	4.05	16.09	ppb
Silicon	28-1	-1.82	-1.83	-0.89	-1.51		ppb
Silver	109-1	1.39	1.43	1.42	1.41	1.45	ppb
Silver	107-1	1.39	1.38	1.34	1.37	1.95	ppb
Sodium	23-2	514.52	515.93	517.55	516.00	0.29	ppb
Strontium	86-1	0.94	0.89	1.02	0.95	6.83	ppb
Strontium	88-1	0.91	0.94	0.92	0.92	1.51	ppb
Sulfur	34-1	-618.10	-511.15	-469.91	-533.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.90	0.91	0.90	0.55	ppb
Thallium	205-1	0.93	0.91	0.97	0.94	3.18	ppb
Tin	118-1	4.79	4.85	4.78	4.80	0.76	ppb
Titanium	47-1	4.51	4.56	4.37	4.48	2.25	ppb
Uranium	238-1	0.90	0.83	0.88	0.87	4.55	ppb
Vanadium	51-2	4.48	4.53	4.60	4.53	1.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.08	2.11	1.94	2.04	4.64	ppb
Zirconium	90-1	0.87	0.88	0.89	0.88	0.73	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.91	0.84	0.88	4.11	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : PB100263BL Instrumnet Name : P8
 Client Sample ID : PB100263BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:20:41 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	1.79	-1.88	0.79	296.33	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.01	-0.05	-0.03		ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	1.16	0.83	1.19	1.06	19.23	ppb
Boron	10-1	2.06	0.51	2.09	1.55	58.30	ppb
Cadmium	106-1	0.27	-1.70	-0.10	-0.51		ppb
Cadmium	108-1	1.07	0.86	0.94	0.96	11.00	ppb
Cadmium	111-1	-0.04	-0.17	-0.06	-0.09		ppb
Calcium	43-1	24.43	24.39	12.24	20.35	34.53	ppb
Calcium	44-1	-23.17	-19.84	-10.81	-17.94		ppb
Chromium	52-2	-0.01	-0.09	-0.04	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	-0.01	0.01	0.00	487.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.06	0.25	-0.15	0.06	362.21	ppb
Iron	57-2	-1.42	0.21	0.98	-0.08		ppb
Lead	206-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	207-1	0.01	0.01	-0.02	0.00	1759.35	ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	-0.85	-0.25	-0.55	-0.55		ppb
Manganese	55-2	0.05	0.04	-0.02	0.02	164.62	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BL	Instrumnet Name :	P8
Client Sample ID :	PB100263BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:20:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-24.97	-7.34	-7.40	-13.24		ppb
Potassium	39-2	-7.29	12.35	-7.04	-0.66		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-0.13	0.59	0.22	160.02	ppb
Selenium	82-1	1.03	-0.14	-0.41	0.16	477.67	ppb
Silicon	28-1	-19.70	-20.53	-19.39	-19.87		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.01	0.01	83.60	ppb
Sodium	23-2	24.44	22.18	22.71	23.11	5.12	ppb
Strontium	86-1	-0.10	-0.05	-0.11	-0.09		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-1234.06	-1170.42	-897.54	-1100.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	24.16	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.06	0.04	0.00	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.16	-0.13	-0.12	-0.14		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	131.85	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BL	Instrumnet Name :	P8
Client Sample ID :	PB100263BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:20:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	293.18	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9779.31	9827.27	9560.19	9722.26	1.46	ppb
Antimony	121-1	523.70	522.86	527.99	524.85	0.52	ppb
Arsenic	75-2	504.30	507.83	508.02	506.71	0.41	ppb
Barium	135-1	2597.75	2609.96	2572.67	2593.46	0.73	ppb
Barium	137-1	2566.77	2561.01	2545.64	2557.80	0.43	ppb
Beryllium	9-1	532.79	520.89	526.66	526.78	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	516.40	515.77	527.18	519.78	1.23	ppb
Boron	10-1	509.21	501.72	515.11	508.68	1.32	ppb
Cadmium	106-1	534.55	527.59	528.42	530.19	0.72	ppb
Cadmium	108-1	531.44	527.95	523.28	527.55	0.78	ppb
Cadmium	111-1	522.11	516.00	519.72	519.27	0.59	ppb
Calcium	43-1	49112.01	48589.54	49319.17	49006.91	0.77	ppb
Calcium	44-1	49095.15	48773.39	47715.50	48528.01	1.49	ppb
Chromium	52-2	495.18	498.01	494.12	495.77	0.41	ppb
Cobalt	59-2	487.48	491.81	487.13	488.81	0.53	ppb
Copper	63-2	990.62	1003.99	983.14	992.58	1.06	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24687.54	25099.61	24708.43	24831.86	0.93	ppb
Iron	57-2	24876.51	25272.73	25022.54	25057.26	0.80	ppb
Lead	206-1	507.44	500.63	485.48	497.85	2.26	ppb
Lead	207-1	482.54	485.09	479.62	482.42	0.57	ppb
Lead	208-1	496.36	492.83	491.34	493.51	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	50946.77	50467.75	50422.31	50612.28	0.57	ppb
Manganese	55-2	997.89	1017.07	1004.29	1006.42	0.97	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	508.39	500.21	498.61	502.41	1.04	ppb
Molybdenum	94-1	508.24	506.42	504.76	506.48	0.34	ppb
Molybdenum	95-1	504.15	505.92	504.42	504.83	0.19	ppb
Molybdenum	96-1	511.90	511.58	500.54	508.01	1.27	ppb
Molybdenum	97-1	499.19	495.86	489.67	494.91	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.94	504.45	491.75	496.38	1.41	ppb
Phosphorus	31-2	10046.52	9822.78	10573.82	10147.71	3.80	ppb
Potassium	39-2	25046.91	25182.38	25052.32	25093.87	0.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	570.85	506.79	542.75	540.13	5.95	ppb
Selenium	78-2	489.47	509.09	495.15	497.91	2.03	ppb
Selenium	82-1	516.66	520.28	510.39	515.77	0.97	ppb
Silicon	28-1	550.57	545.84	557.24	551.22	1.04	ppb
Silver	109-1	536.00	529.48	527.88	531.12	0.81	ppb
Silver	107-1	536.23	528.24	527.25	530.57	0.93	ppb
Sodium	23-2	50490.71	50988.65	50229.50	50569.62	0.76	ppb
Strontium	86-1	501.32	503.44	499.50	501.42	0.39	ppb
Strontium	88-1	511.36	507.58	505.63	508.19	0.57	ppb
Sulfur	34-1	12789.01	12248.78	12185.83	12407.87	2.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.75	508.87	494.03	502.88	1.56	ppb
Thallium	205-1	502.97	507.06	494.94	501.65	1.23	ppb
Tin	118-1	533.27	529.74	531.04	531.35	0.34	ppb
Titanium	47-1	495.35	492.45	493.28	493.69	0.30	ppb
Uranium	238-1	484.34	487.34	488.19	486.62	0.42	ppb
Vanadium	51-2	502.74	503.34	500.05	502.04	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.15	995.77	983.78	990.90	0.64	ppb
Zirconium	90-1	505.59	502.74	503.31	503.88	0.30	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.07	502.81	507.45	504.11	0.58	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	8.99	8.74	7.47	32.39	ppb
Antimony	121-1	3.50	3.11	2.92	3.18	9.47	ppb
Arsenic	75-2	1.44	1.19	1.39	1.34	9.96	ppb
Barium	135-1	0.10	0.06	0.04	0.07	47.57	ppb
Barium	137-1	0.14	0.08	0.11	0.11	24.44	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	404.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.37	14.64	12.64	14.55	12.80	ppb
Boron	10-1	15.20	14.10	11.39	13.56	14.49	ppb
Cadmium	106-1	-2.08	-1.19	-2.17	-1.81		ppb
Cadmium	108-1	0.13	0.45	0.19	0.26	67.10	ppb
Cadmium	111-1	-0.05	0.01	-0.08	-0.04		ppb
Calcium	43-1	170.37	164.98	129.04	154.80	14.52	ppb
Calcium	44-1	132.39	129.09	112.19	124.55	8.70	ppb
Chromium	52-2	1.24	1.31	1.32	1.29	3.70	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	6.73	6.51	6.48	6.57	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.98	13.17	13.10	13.08	0.74	ppb
Iron	57-2	12.50	15.17	12.58	13.42	11.33	ppb
Lead	206-1	0.31	0.36	0.29	0.32	11.29	ppb
Lead	207-1	0.42	0.28	0.27	0.33	25.47	ppb
Lead	208-1	0.36	0.31	0.27	0.31	13.29	ppb
Lithium	6-1						%
Magnesium	24-2	3.45	5.05	4.50	4.33	18.69	ppb
Manganese	55-2	0.70	0.68	0.72	0.70	2.89	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.08	0.08	0.07	0.08	10.94	ppb
Molybdenum	94-1	0.05	0.04	0.04	0.04	8.41	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	4.45	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	17.34	ppb
Molybdenum	97-1	0.07	0.08	0.09	0.08	12.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.13	0.12	0.10	41.16	ppb
Phosphorus	31-2	-12.90	-12.60	-12.85	-12.79		ppb
Potassium	39-2	232.40	194.07	189.04	205.17	11.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.03	0.00	0.00	1.01	173.21	ppb
Selenium	78-2	1.96	0.48	0.98	1.14	66.11	ppb
Selenium	82-1	-0.52	0.26	-0.07	-0.11		ppb
Silicon	28-1	23.20	24.15	22.56	23.31	3.44	ppb
Silver	109-1	0.73	0.59	0.49	0.60	20.20	ppb
Silver	107-1	0.72	0.63	0.54	0.63	13.95	ppb
Sodium	23-2	183.95	177.82	155.78	172.52	8.59	ppb
Strontium	86-1	0.32	0.42	0.38	0.37	14.25	ppb
Strontium	88-1	0.20	0.18	0.20	0.19	4.78	ppb
Sulfur	34-1	580.21	655.67	524.14	586.67	11.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.03	0.02	0.03	52.74	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	12.64	ppb
Tin	118-1	3.93	4.03	3.99	3.98	1.27	ppb
Titanium	47-1	0.36	0.27	0.33	0.32	15.25	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.04	0.06	0.05	20.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.23	1.92	2.16	2.10	7.57	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	26.13	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.08	0.06	29.15	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3934-01DUP Instrumnet Name : P8
 Client Sample ID : LOT-7051700-170626DU Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:29:59 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.95	-1.23	5.04	4.25	120.78	ppb
Antimony	121-1	1.71	1.65	1.64	1.67	2.32	ppb
Arsenic	75-2	1.32	1.34	1.00	1.22	15.73	ppb
Barium	135-1	0.06	0.09	0.05	0.07	32.62	ppb
Barium	137-1	0.08	0.07	0.08	0.07	11.21	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.63	6.22	5.24	6.03	11.85	ppb
Boron	10-1	6.01	6.94	5.78	6.24	9.89	ppb
Cadmium	106-1	-1.25	-2.18	-1.49	-1.64		ppb
Cadmium	108-1	-0.03	-0.07	0.01	-0.03		ppb
Cadmium	111-1	-0.03	-0.11	-0.06	-0.07		ppb
Calcium	43-1	174.50	126.11	169.65	156.75	17.00	ppb
Calcium	44-1	74.19	79.10	75.48	76.26	3.34	ppb
Chromium	52-2	1.21	1.34	1.11	1.22	9.41	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	5.41	5.53	5.40	5.45	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.84	12.34	11.39	11.86	4.01	ppb
Iron	57-2	12.33	11.66	8.76	10.92	17.39	ppb
Lead	206-1	0.21	0.18	0.17	0.19	12.51	ppb
Lead	207-1	0.23	0.18	0.26	0.22	18.57	ppb
Lead	208-1	0.22	0.19	0.19	0.20	8.86	ppb
Lithium	6-1						%
Magnesium	24-2	3.37	5.64	2.85	3.95	37.52	ppb
Manganese	55-2	0.51	0.57	0.60	0.56	7.75	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01DUP	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626DU	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:29:59	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.05	0.05	0.05	10.42	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	10.20	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	43.51	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	30.74	ppb
Molybdenum	97-1	0.07	0.07	0.13	0.09	39.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.11	0.10	0.11	4.92	ppb
Phosphorus	31-2	-12.64	51.00	12.87	17.08	187.56	ppb
Potassium	39-2	129.36	118.02	107.00	118.13	9.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.07	0.00	0.00	1.02	173.21	ppb
Selenium	78-2	-0.48	1.50	0.52	0.51	193.94	ppb
Selenium	82-1	-0.86	-1.02	-0.58	-0.82		ppb
Silicon	28-1	18.04	17.32	15.46	16.94	7.84	ppb
Silver	109-1	0.35	0.32	0.28	0.32	10.45	ppb
Silver	107-1	0.38	0.30	0.30	0.33	13.96	ppb
Sodium	23-2	126.70	122.90	135.56	128.38	5.06	ppb
Strontium	86-1	0.29	0.30	0.38	0.32	16.37	ppb
Strontium	88-1	0.17	0.20	0.17	0.18	11.12	ppb
Sulfur	34-1	308.00	128.84	56.57	164.47	78.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.02	50.14	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	22.42	ppb
Tin	118-1	2.88	2.74	2.87	2.83	2.65	ppb
Titanium	47-1	0.26	0.29	0.33	0.29	13.37	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.03	0.07	0.05	34.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.65	2.64	2.72	2.67	1.54	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	16.96	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01DUP	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626DU	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:29:59	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	37.25	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	6.38	-1.56	2.25	177.09	ppb
Antimony	121-1	0.23	0.25	0.21	0.23	8.31	ppb
Arsenic	75-2	0.14	0.16	0.13	0.14	11.39	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.02	0.00	0.01	0.01	75.62	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	3.52	3.51	3.79	3.60	4.37	ppb
Boron	10-1	3.64	4.06	2.32	3.34	27.16	ppb
Cadmium	106-1	-2.29	-1.67	-1.67	-1.88		ppb
Cadmium	108-1	-0.03	-0.09	-0.02	-0.05		ppb
Cadmium	111-1	-0.17	-0.12	-0.12	-0.14		ppb
Calcium	43-1	47.75	19.51	39.70	35.65	40.80	ppb
Calcium	44-1	-13.04	-15.81	-10.32	-13.06		ppb
Chromium	52-2	0.29	0.30	0.28	0.29	4.16	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.68	0.69	0.67	0.68	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.91	3.16	2.98	3.02	4.45	ppb
Iron	57-2	1.75	1.32	4.46	2.51	67.81	ppb
Lead	206-1	0.07	0.08	0.03	0.06	41.61	ppb
Lead	207-1	0.06	0.06	0.08	0.07	13.33	ppb
Lead	208-1	0.07	0.07	0.05	0.06	16.74	ppb
Lithium	6-1						%
Magnesium	24-2	0.64	0.84	1.02	0.83	23.05	ppb
Manganese	55-2	0.12	0.05	0.14	0.10	44.29	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.01	0.00	20.86	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	12.45	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	93.39	ppb
Molybdenum	97-1	0.04	0.05	0.07	0.05	31.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.05	-0.03	-0.01		ppb
Phosphorus	31-2	-24.97	-14.34	-24.97	-21.42		ppb
Potassium	39-2	42.72	46.56	44.74	44.67	4.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.61	7.90	3.50	114.98	ppb
Selenium	78-2	-0.07	0.78	0.36	0.36	118.06	ppb
Selenium	82-1	0.46	-0.92	0.15	-0.10		ppb
Silicon	28-1	-10.38	-12.97	-11.95	-11.76		ppb
Silver	109-1	0.12	0.11	0.09	0.11	12.14	ppb
Silver	107-1	0.11	0.10	0.12	0.11	9.19	ppb
Sodium	23-2	61.94	58.41	65.36	61.90	5.62	ppb
Strontium	86-1	0.05	-0.01	0.04	0.03	133.23	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	13.05	ppb
Sulfur	34-1	-755.68	-647.90	-634.78	-679.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	21.30	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.13	0.09	0.10	0.11	19.92	ppb
Titanium	47-1	0.06	0.10	0.13	0.10	35.31	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.02	0.01	229.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.30	0.38	0.29	0.32	14.43	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	145.96	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

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

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MS	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:36:19	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9202.11	9144.48	9059.91	9135.50	0.78	ppb
Antimony	121-1	507.21	502.21	501.36	503.59	0.63	ppb
Arsenic	75-2	532.59	525.06	525.28	527.64	0.81	ppb
Barium	135-1	2550.89	2549.05	2509.34	2536.43	0.93	ppb
Barium	137-1	2497.96	2511.30	2475.99	2495.08	0.71	ppb
Beryllium	9-1	357.09	343.70	344.29	348.36	2.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	665.43	659.96	658.77	661.39	0.54	ppb
Boron	10-1	678.20	670.59	652.35	667.05	1.99	ppb
Cadmium	106-1	506.92	491.90	493.29	497.37	1.67	ppb
Cadmium	108-1	498.79	494.85	492.73	495.45	0.62	ppb
Cadmium	111-1	498.64	493.27	495.99	495.96	0.54	ppb
Calcium	43-1	49984.83	50247.81	49751.10	49994.58	0.50	ppb
Calcium	44-1	49257.31	49874.91	48855.47	49329.23	1.04	ppb
Chromium	52-2	534.91	539.64	532.95	535.83	0.64	ppb
Cobalt	59-2	528.42	533.21	526.82	529.48	0.63	ppb
Copper	63-2	1103.45	1105.65	1107.88	1105.66	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25995.61	25975.88	25733.31	25901.60	0.56	ppb
Iron	57-2	25955.92	25938.97	25670.03	25854.97	0.62	ppb
Lead	206-1	501.54	503.39	497.38	500.77	0.61	ppb
Lead	207-1	487.32	489.17	479.68	485.39	1.04	ppb
Lead	208-1	501.06	501.93	492.66	498.55	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	52556.63	52321.12	51323.38	52067.04	1.26	ppb
Manganese	55-2	997.63	990.37	983.41	990.47	0.72	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MS	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:36:19	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1008.05	1010.60	1009.92	1009.53	0.13	ppb
Molybdenum	94-1	657.78	653.88	673.81	661.82	1.60	ppb
Molybdenum	95-1	998.09	1001.71	1016.51	1005.44	0.97	ppb
Molybdenum	96-1	928.66	918.48	933.40	926.85	0.82	ppb
Molybdenum	97-1	1011.04	1018.97	1025.54	1018.52	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	549.30	552.23	536.37	545.97	1.55	ppb
Phosphorus	31-2	0.19	25.56	-0.18	8.52	173.09	ppb
Potassium	39-2	24854.04	24495.89	24094.21	24481.38	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	513.98	518.33	507.85	513.39	1.03	ppb
Selenium	78-2	469.20	478.65	448.64	465.50	3.30	ppb
Selenium	82-1	503.76	504.57	509.42	505.91	0.61	ppb
Silicon	28-1	910.37	905.56	892.16	902.70	1.05	ppb
Silver	109-1	509.60	506.58	513.06	509.75	0.64	ppb
Silver	107-1	512.80	504.23	507.96	508.33	0.85	ppb
Sodium	23-2	52898.81	52691.21	52093.82	52561.28	0.80	ppb
Strontium	86-1	981.91	979.08	988.58	983.19	0.50	ppb
Strontium	88-1	976.18	976.98	994.90	982.69	1.08	ppb
Sulfur	34-1	462.29	403.72	139.20	335.07	51.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.24	512.89	504.23	511.45	1.30	ppb
Thallium	205-1	519.70	519.04	508.81	515.85	1.18	ppb
Tin	118-1	947.17	931.90	933.74	937.60	0.89	ppb
Titanium	47-1	969.26	974.86	957.89	967.34	0.89	ppb
Uranium	238-1	495.38	488.19	489.63	491.07	0.77	ppb
Vanadium	51-2	523.79	522.09	515.79	520.56	0.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.80	1019.92	995.21	1008.64	1.24	ppb
Zirconium	90-1	498.11	502.34	503.21	501.22	0.54	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MS	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:36:19	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.07	498.92	500.88	499.63	0.22	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MSD	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:39:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9716.96	9115.03	9153.68	9328.56	3.61	ppb
Antimony	121-1	525.70	509.43	512.96	516.03	1.66	ppb
Arsenic	75-2	543.31	550.21	545.29	546.27	0.65	ppb
Barium	135-1	2635.90	2578.66	2566.48	2593.68	1.43	ppb
Barium	137-1	2585.09	2541.06	2549.54	2558.56	0.91	ppb
Beryllium	9-1	359.32	353.26	347.88	353.49	1.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	695.19	699.65	683.90	692.91	1.17	ppb
Boron	10-1	702.87	692.92	687.77	694.52	1.11	ppb
Cadmium	106-1	520.66	491.36	500.01	504.01	2.99	ppb
Cadmium	108-1	504.73	497.86	496.07	499.56	0.91	ppb
Cadmium	111-1	509.30	494.40	493.25	498.99	1.79	ppb
Calcium	43-1	52088.84	51839.43	51699.95	51876.07	0.38	ppb
Calcium	44-1	51664.72	51374.40	50884.85	51307.99	0.77	ppb
Chromium	52-2	563.33	541.82	556.28	553.81	1.98	ppb
Cobalt	59-2	561.94	535.07	549.60	548.87	2.45	ppb
Copper	63-2	1155.11	1107.27	1140.82	1134.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27450.46	26058.97	26661.62	26723.68	2.61	ppb
Iron	57-2	27350.00	26287.55	26861.04	26832.87	1.98	ppb
Lead	206-1	523.14	519.03	503.82	515.33	1.98	ppb
Lead	207-1	499.40	501.67	493.58	498.22	0.84	ppb
Lead	208-1	515.36	515.93	506.88	512.72	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	55313.55	52033.30	53092.22	53479.69	3.13	ppb
Manganese	55-2	1031.68	994.92	1012.67	1013.09	1.81	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MSD	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:39:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1037.37	1049.67	1053.88	1046.97	0.82	ppb
Molybdenum	94-1	678.47	687.24	682.47	682.73	0.64	ppb
Molybdenum	95-1	1023.92	1036.23	1040.22	1033.46	0.82	ppb
Molybdenum	96-1	957.41	961.85	950.50	956.58	0.60	ppb
Molybdenum	97-1	1044.64	1053.82	1036.37	1044.94	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	585.94	558.83	568.49	571.08	2.41	ppb
Phosphorus	31-2	14.19	-12.55	-12.23	-3.53		ppb
Potassium	39-2	25312.22	24122.17	25151.81	24862.07	2.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	547.03	533.29	537.59	539.30	1.30	ppb
Selenium	78-2	506.09	528.81	548.09	527.66	3.98	ppb
Selenium	82-1	521.70	519.39	518.97	520.02	0.28	ppb
Silicon	28-1	929.98	921.72	918.51	923.40	0.64	ppb
Silver	109-1	530.54	519.96	520.51	523.67	1.14	ppb
Silver	107-1	528.73	522.40	517.88	523.00	1.04	ppb
Sodium	23-2	55789.40	52592.99	54269.93	54217.44	2.95	ppb
Strontium	86-1	1008.72	1010.28	1006.81	1008.60	0.17	ppb
Strontium	88-1	1018.61	1017.57	1014.33	1016.84	0.22	ppb
Sulfur	34-1	-62.02	-149.81	-285.99	-165.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	533.38	540.22	526.71	533.44	1.27	ppb
Thallium	205-1	529.94	542.59	525.23	532.58	1.69	ppb
Tin	118-1	965.68	939.64	950.96	952.10	1.37	ppb
Titanium	47-1	988.88	991.15	983.76	987.93	0.38	ppb
Uranium	238-1	509.59	515.09	510.99	511.89	0.56	ppb
Vanadium	51-2	552.65	524.14	535.88	537.56	2.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1067.81	1009.76	1030.78	1036.12	2.84	ppb
Zirconium	90-1	519.32	520.96	527.73	522.67	0.85	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MSD	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:39:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.32	518.16	512.34	513.61	0.79	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9392.69	9085.92	9438.78	9305.80	2.06	ppb
Antimony	121-1	504.81	568.43	512.64	528.63	6.56	ppb
Arsenic	75-2	536.88	539.08	541.14	539.04	0.40	ppb
Barium	135-1	2579.40	2876.85	2565.50	2673.92	6.58	ppb
Barium	137-1	2527.80	2864.36	2536.65	2642.94	7.26	ppb
Beryllium	9-1	369.92	382.52	356.13	369.52	3.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	721.01	754.12	706.48	727.21	3.36	ppb
Boron	10-1	725.59	751.47	712.36	729.81	2.73	ppb
Cadmium	106-1	494.66	562.56	487.18	514.80	8.07	ppb
Cadmium	108-1	489.62	550.80	505.71	515.38	6.15	ppb
Cadmium	111-1	492.48	553.47	495.93	513.96	6.67	ppb
Calcium	43-1	51391.88	56813.51	52298.44	53501.28	5.43	ppb
Calcium	44-1	50774.03	56722.88	51277.77	52924.89	6.23	ppb
Chromium	52-2	548.65	551.58	556.68	552.30	0.74	ppb
Cobalt	59-2	547.48	553.78	552.97	551.41	0.62	ppb
Copper	63-2	1144.51	1157.04	1171.49	1157.68	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26561.35	26943.38	26939.26	26814.66	0.82	ppb
Iron	57-2	26695.93	27014.77	26996.41	26902.37	0.67	ppb
Lead	206-1	524.71	568.22	512.31	535.08	5.49	ppb
Lead	207-1	502.71	550.16	499.59	517.49	5.48	ppb
Lead	208-1	520.02	563.80	512.32	532.05	5.22	ppb
Lithium	6-1						%
Magnesium	24-2	52419.10	53410.16	53676.63	53168.63	1.25	ppb
Manganese	55-2	1006.84	1014.75	1025.91	1015.83	0.94	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1031.32	1170.86	1027.87	1076.68	7.58	ppb
Molybdenum	94-1	676.93	765.19	678.73	706.95	7.14	ppb
Molybdenum	95-1	1026.10	1185.91	1027.00	1079.67	8.52	ppb
Molybdenum	96-1	947.27	1071.69	946.99	988.65	7.27	ppb
Molybdenum	97-1	1043.27	1152.19	1026.40	1073.95	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.58	570.78	575.85	572.07	0.58	ppb
Phosphorus	31-2	-12.24	26.20	0.74	4.90	399.29	ppb
Potassium	39-2	24891.89	25087.75	24935.53	24971.72	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	558.79	560.83	559.60	559.74	0.18	ppb
Selenium	78-2	518.61	490.75	482.63	497.33	3.79	ppb
Selenium	82-1	518.88	578.65	510.65	536.06	6.92	ppb
Silicon	28-1	918.26	1022.78	930.98	957.34	5.96	ppb
Silver	109-1	513.48	574.98	514.03	534.16	6.62	ppb
Silver	107-1	518.57	571.78	516.16	535.50	5.87	ppb
Sodium	23-2	53926.06	53897.57	54316.88	54046.84	0.43	ppb
Strontium	86-1	1012.91	1122.22	989.84	1041.66	6.79	ppb
Strontium	88-1	1004.78	1125.09	1003.04	1044.30	6.70	ppb
Sulfur	34-1	-134.88	671.33	-258.07	92.79	544.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	539.85	589.89	530.79	553.51	5.75	ppb
Thallium	205-1	540.72	587.59	534.37	554.23	5.24	ppb
Tin	118-1	939.42	1063.57	947.09	983.36	7.07	ppb
Titanium	47-1	987.36	1103.60	994.40	1028.45	6.34	ppb
Uranium	238-1	513.64	565.85	518.30	532.60	5.43	ppb
Vanadium	51-2	532.10	536.71	539.09	535.97	0.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1044.15	1048.05	1050.47	1047.56	0.30	ppb
Zirconium	90-1	511.08	577.15	509.50	532.58	7.25	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.12	570.25	506.74	529.37	6.70	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.57	2.83	2.80	3.40	29.83	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	4.24	ppb
Arsenic	75-2	0.10	0.02	0.05	0.06	77.30	ppb
Barium	135-1	0.03	0.04	0.06	0.04	30.28	ppb
Barium	137-1	0.06	0.05	0.05	0.05	11.85	ppb
Beryllium	9-1	0.03	0.03	0.06	0.04	33.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	36.86	33.52	33.39	34.59	5.69	ppb
Boron	10-1	37.77	33.46	31.36	34.20	9.55	ppb
Cadmium	106-1	-1.07	-2.06	-1.27	-1.47		ppb
Cadmium	108-1	-0.06	-0.07	-0.12	-0.08		ppb
Cadmium	111-1	-0.07	-0.15	-0.08	-0.10		ppb
Calcium	43-1	68.80	41.99	36.91	49.23	34.80	ppb
Calcium	44-1	-15.04	-10.99	-10.70	-12.24		ppb
Chromium	52-2	0.47	0.45	0.42	0.45	6.03	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.19	0.19	0.17	0.19	5.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.82	6.24	6.39	6.15	4.74	ppb
Iron	57-2	7.00	5.12	6.02	6.05	15.58	ppb
Lead	206-1	0.05	0.01	0.04	0.03	72.63	ppb
Lead	207-1	0.05	0.07	0.04	0.05	24.68	ppb
Lead	208-1	0.04	0.03	0.03	0.03	21.41	ppb
Lithium	6-1						%
Magnesium	24-2	3.49	1.72	2.77	2.66	33.50	ppb
Manganese	55-2	0.10	0.06	0.08	0.08	25.67	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	4.10	ppb
Molybdenum	94-1	0.01	0.01	0.02	0.01	41.47	ppb
Molybdenum	95-1	0.03	0.01	0.00	0.02	98.34	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	3.02	ppb
Molybdenum	97-1	0.10	0.11	0.07	0.09	23.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-3.80	-3.75	17.28	3.24	374.69	ppb
Potassium	39-2	2.43	6.95	3.68	4.35	53.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	2.55	0.85	173.21	ppb
Selenium	78-2	0.33	-0.48	-0.48	-0.21		ppb
Selenium	82-1	-1.13	-0.28	-0.15	-0.52		ppb
Silicon	28-1	-7.71	-9.00	-9.24	-8.65		ppb
Silver	109-1	0.04	0.03	0.02	0.03	23.23	ppb
Silver	107-1	0.04	0.03	0.03	0.03	24.00	ppb
Sodium	23-2	37.69	46.70	42.46	42.28	10.66	ppb
Strontium	86-1	0.08	0.14	0.13	0.12	24.26	ppb
Strontium	88-1	0.07	0.08	0.07	0.07	7.41	ppb
Sulfur	34-1	-1050.75	-922.19	-847.89	-940.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.05	0.04	0.04	26.38	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	24.44	ppb
Tin	118-1	0.06	0.07	0.04	0.05	28.67	ppb
Titanium	47-1	0.04	0.01	0.05	0.03	71.88	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	192.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.30	4.95	4.50	4.91	8.14	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	155.50	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	141.02	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47441.33	46818.32	46458.18	46905.94	1.06	ppb
Antimony	121-1	488.80	488.49	486.12	487.81	0.30	ppb
Arsenic	75-2	489.11	485.79	492.50	489.13	0.69	ppb
Barium	135-1	2483.45	2467.29	2428.45	2459.73	1.15	ppb
Barium	137-1	2447.03	2439.12	2402.81	2429.65	0.97	ppb
Beryllium	9-1	515.56	508.78	516.12	513.48	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	522.15	521.67	532.89	525.57	1.21	ppb
Boron	10-1	520.37	519.04	532.33	523.91	1.40	ppb
Cadmium	106-1	469.23	473.29	470.82	471.11	0.43	ppb
Cadmium	108-1	471.48	472.90	480.26	474.88	0.99	ppb
Cadmium	111-1	470.65	472.22	468.26	470.38	0.42	ppb
Calcium	43-1	236493.38	231734.20	232744.52	233657.37	1.07	ppb
Calcium	44-1	234996.57	231829.00	233605.21	233476.93	0.68	ppb
Chromium	52-2	512.89	508.14	505.24	508.76	0.76	ppb
Cobalt	59-2	497.55	492.58	493.30	494.48	0.54	ppb
Copper	63-2	1006.52	1001.58	999.67	1002.59	0.35	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124642.50	123446.49	122144.15	123411.05	1.01	ppb
Iron	57-2	127123.86	125274.44	126264.00	126220.77	0.73	ppb
Lead	206-1	497.00	493.91	495.69	495.53	0.31	ppb
Lead	207-1	479.24	485.70	487.21	484.05	0.87	ppb
Lead	208-1	491.31	491.51	491.39	491.40	0.02	ppb
Lithium	6-1						%
Magnesium	24-2	241195.56	235419.29	238155.13	238256.66	1.21	ppb
Manganese	55-2	984.37	987.15	982.97	984.83	0.22	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	502.22	512.36	497.31	503.96	1.52	ppb
Molybdenum	94-1	501.51	513.79	500.92	505.41	1.44	ppb
Molybdenum	95-1	502.77	510.70	507.97	507.15	0.79	ppb
Molybdenum	96-1	510.44	519.09	494.73	508.09	2.43	ppb
Molybdenum	97-1	492.83	501.52	489.04	494.46	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.06	506.44	504.04	505.85	0.31	ppb
Phosphorus	31-2	9258.04	9866.17	9827.41	9650.54	3.53	ppb
Potassium	39-2	120534.48	117460.55	116989.42	118328.15	1.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	450.45	407.31	508.13	455.30	11.11	ppb
Selenium	78-2	492.85	494.73	456.53	481.37	4.47	ppb
Selenium	82-1	484.18	491.14	482.29	485.87	0.96	ppb
Silicon	28-1	538.05	540.61	538.39	539.02	0.26	ppb
Silver	109-1	486.21	484.64	480.80	483.88	0.57	ppb
Silver	107-1	476.90	482.91	477.60	479.13	0.69	ppb
Sodium	23-2	247301.05	244543.58	242565.63	244803.42	0.97	ppb
Strontium	86-1	497.79	504.14	498.49	500.14	0.70	ppb
Strontium	88-1	502.36	512.56	501.43	505.45	1.22	ppb
Sulfur	34-1	11717.24	11233.86	11213.88	11388.33	2.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.39	503.86	492.70	497.65	1.14	ppb
Thallium	205-1	499.04	497.70	487.76	494.84	1.25	ppb
Tin	118-1	491.10	491.52	490.79	491.14	0.07	ppb
Titanium	47-1	484.73	477.36	483.32	481.80	0.81	ppb
Uranium	238-1	504.49	504.07	500.01	502.86	0.49	ppb
Vanadium	51-2	509.16	504.78	503.46	505.80	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	979.93	972.88	976.65	976.48	0.36	ppb
Zirconium	90-1	502.27	505.94	492.81	500.34	1.35	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.48	503.89	497.76	500.04	0.67	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:56:55 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.69	0.79	-0.87	-0.59		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	13.23	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	89.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.31	8.84	9.11	9.09	2.59	ppb
Boron	10-1	10.03	10.35	9.65	10.01	3.52	ppb
Cadmium	106-1	-2.47	-1.60	-2.38	-2.15		ppb
Cadmium	108-1	-0.15	-0.07	-0.10	-0.11		ppb
Cadmium	111-1	-0.18	-0.12	-0.18	-0.16		ppb
Calcium	43-1	13.81	15.54	26.47	18.61	36.90	ppb
Calcium	44-1	-42.84	-44.30	-45.86	-44.33		ppb
Chromium	52-2	0.01	0.01	0.07	0.03	130.37	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.06	0.09	0.05	0.06	32.21	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.16	-0.03	0.21	0.11	114.28	ppb
Iron	57-2	0.64	1.78	0.65	1.02	63.90	ppb
Lead	206-1	0.02	0.02	0.03	0.02	35.74	ppb
Lead	207-1	0.04	0.05	0.04	0.04	4.13	ppb
Lead	208-1	0.03	0.03	0.04	0.03	22.76	ppb
Lithium	6-1						%
Magnesium	24-2	-0.36	-1.02	0.47	-0.30		ppb
Manganese	55-2	0.04	0.00	0.01	0.01	151.25	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:56:55	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	373.92	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	3.83	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	33.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-15.09	-24.97	4.76	-11.76		ppb
Potassium	39-2	-0.42	8.09	2.62	3.43	125.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	-0.10	1.05	0.28	235.70	ppb
Selenium	82-1	-0.43	-0.44	-0.66	-0.51		ppb
Silicon	28-1	-18.08	-18.21	-18.37	-18.22		ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.26	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.02	ppb
Sodium	23-2	45.69	42.75	41.05	43.16	5.44	ppb
Strontium	86-1	-0.05	-0.07	-0.06	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-859.01	-816.59	-760.27	-811.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	18.55	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.99	ppb
Tin	118-1	0.03	0.06	0.07	0.05	37.83	ppb
Titanium	47-1	0.03	-0.07	-0.05	-0.03		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	726.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	-0.02	-0.15	-0.09		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.61	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:56:55	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.02	0.00	474.03	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	1.04	3.68	2.51	53.49	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	23.94	ppb
Arsenic	75-2	0.03	0.13	0.10	0.09	62.29	ppb
Barium	135-1	0.19	0.17	0.21	0.19	10.43	ppb
Barium	137-1	0.18	0.14	0.14	0.15	15.00	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	61.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.20	16.37	15.92	16.17	1.41	ppb
Boron	10-1	14.40	16.97	15.40	15.59	8.32	ppb
Cadmium	106-1	-3.47	-3.15	-2.85	-3.16		ppb
Cadmium	108-1	-0.18	-0.18	0.03	-0.11		ppb
Cadmium	111-1	-0.23	-0.23	-0.22	-0.22		ppb
Calcium	43-1	146.77	119.25	110.07	125.36	15.24	ppb
Calcium	44-1	60.27	59.33	50.25	56.62	9.78	ppb
Chromium	52-2	0.38	0.42	0.49	0.43	13.38	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	1.19	1.14	1.08	1.14	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.62	7.08	7.19	7.30	3.93	ppb
Iron	57-2	6.01	8.62	5.78	6.80	23.18	ppb
Lead	206-1	0.12	0.12	0.09	0.11	14.34	ppb
Lead	207-1	0.06	0.11	0.08	0.09	24.30	ppb
Lead	208-1	0.09	0.11	0.08	0.09	14.38	ppb
Lithium	6-1						%
Magnesium	24-2	7.02	4.72	7.74	6.49	24.33	ppb
Manganese	55-2	0.94	0.89	0.94	0.92	3.41	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	302.75	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	31.79	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	368.33	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	30.40	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.04	27.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.28	0.21	0.26	17.35	ppb
Phosphorus	31-2	-3.87	-3.86	-14.41	-7.38		ppb
Potassium	39-2	51.04	67.65	60.73	59.81	13.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	2.52	0.84	173.21	ppb
Selenium	78-2	1.14	-0.08	2.36	1.14	106.71	ppb
Selenium	82-1	-1.13	-0.20	-0.66	-0.66		ppb
Silicon	28-1	371.18	365.07	370.36	368.87	0.90	ppb
Silver	109-1	0.03	0.01	0.01	0.01	90.29	ppb
Silver	107-1	0.03	0.02	0.02	0.02	22.12	ppb
Sodium	23-2	82.29	77.60	82.93	80.94	3.60	ppb
Strontium	86-1	0.37	0.29	0.47	0.38	23.30	ppb
Strontium	88-1	0.34	0.37	0.35	0.35	4.89	ppb
Sulfur	34-1	258.29	210.14	267.92	245.45	12.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.03	16.60	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	29.78	ppb
Tin	118-1	-0.04	0.00	-0.02	-0.02		ppb
Titanium	47-1	0.12	0.04	0.12	0.10	47.47	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.00	0.01	0.01	84.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.69	8.03	8.03	7.92	2.49	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	39.47	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.01	0.01	358.73	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	269047.64	268383.49	265688.85	267706.66	0.66	ppb
Antimony	121-1	13.34	13.42	13.31	13.36	0.45	ppb
Arsenic	75-2	101.56	101.10	101.94	101.53	0.41	ppb
Barium	135-1	5399.23	5454.55	5360.74	5404.84	0.87	ppb
Barium	137-1	5363.76	5404.44	5320.26	5362.82	0.78	ppb
Beryllium	9-1	39.24	38.46	37.16	38.29	2.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	205.71	201.69	196.99	201.46	2.17	ppb
Boron	10-1	205.62	202.96	193.55	200.71	3.16	ppb
Cadmium	106-1	63.48	63.06	60.80	62.45	2.31	ppb
Cadmium	108-1	39.58	36.04	35.33	36.98	6.16	ppb
Cadmium	111-1	31.32	32.07	31.94	31.78	1.27	ppb
Calcium	43-1	216029.30	213554.25	212605.52	214063.02	0.83	ppb
Calcium	44-1	215484.46	213681.43	214445.86	214537.25	0.42	ppb
Chromium	52-2	926.65	935.03	914.83	925.50	1.10	ppb
Cobalt	59-2	336.76	339.12	338.85	338.24	0.38	ppb
Copper	63-2	2180.22	2191.40	2188.93	2186.85	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	650512.83	652066.66	650346.29	650975.26	0.15	ppb
Iron	57-2	641546.69	647148.56	649575.78	646090.34	0.64	ppb
Lead	206-1	9221.23	9172.88	9200.02	9198.05	0.26	ppb
Lead	207-1	8519.91	8468.13	8410.13	8466.06	0.65	ppb
Lead	208-1	8900.61	8769.20	8831.75	8833.85	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	79290.37	80926.20	79927.00	80047.85	1.03	ppb
Manganese	55-2	18246.60	18227.27	18157.75	18210.54	0.26	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	20.63	21.09	20.84	20.85	1.10	ppb
Molybdenum	94-1	13.64	13.79	13.48	13.63	1.12	ppb
Molybdenum	95-1	20.32	21.05	20.61	20.66	1.79	ppb
Molybdenum	96-1	19.16	19.91	19.30	19.46	2.05	ppb
Molybdenum	97-1	20.52	21.32	20.61	20.82	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	977.95	977.14	979.92	978.34	0.15	ppb
Phosphorus	31-2	15294.97	14428.26	13990.86	14571.36	4.56	ppb
Potassium	39-2	30693.16	30300.94	30710.10	30568.07	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	403.00	439.64	418.33	420.32	4.38	ppb
Selenium	78-2	73.01	79.48	74.10	75.53	4.59	ppb
Selenium	82-1	9.50	9.08	9.01	9.20	2.88	ppb
Silicon	28-1	57888.11	57301.37	57159.29	57449.59	0.67	ppb
Silver	109-1	9.81	10.19	10.20	10.07	2.21	ppb
Silver	107-1	9.86	10.15	10.14	10.05	1.67	ppb
Sodium	23-2	272587.92	273594.28	269951.02	272044.40	0.69	ppb
Strontium	86-1	382.60	388.48	384.39	385.15	0.78	ppb
Strontium	88-1	392.56	395.95	391.90	393.47	0.55	ppb
Sulfur	34-1	5156.41	5084.70	5009.43	5083.51	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	11.08	11.25	11.53	11.29	2.03	ppb
Thallium	205-1	11.43	11.24	11.44	11.37	1.02	ppb
Tin	118-1	638.62	641.46	642.65	640.91	0.32	ppb
Titanium	47-1	8413.93	8347.38	8350.63	8370.65	0.45	ppb
Uranium	238-1	65.76	65.02	64.69	65.16	0.84	ppb
Vanadium	51-2	984.67	990.74	978.59	984.67	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5147.67	5020.55	5075.21	5081.14	1.25	ppb
Zirconium	90-1	10.35	10.43	10.42	10.40	0.40	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.21	10.33	10.24	10.26	0.59	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	140963.71	148393.54	144642.45	144666.57	2.57	ppb
Antimony	121-1	10.85	10.68	10.68	10.73	0.90	ppb
Arsenic	75-2	62.20	61.70	61.93	61.94	0.40	ppb
Barium	135-1	2860.57	2850.36	2819.94	2843.62	0.74	ppb
Barium	137-1	2841.26	2808.75	2810.99	2820.33	0.64	ppb
Beryllium	9-1	15.62	15.03	15.20	15.28	1.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	114.34	113.82	113.27	113.81	0.47	ppb
Boron	10-1	111.68	114.56	113.73	113.33	1.31	ppb
Cadmium	106-1	29.51	31.29	29.16	29.98	3.81	ppb
Cadmium	108-1	18.21	19.49	19.95	19.22	4.69	ppb
Cadmium	111-1	17.77	17.33	17.24	17.45	1.62	ppb
Calcium	43-1	250414.50	247340.95	247782.84	248512.76	0.67	ppb
Calcium	44-1	250683.78	248504.84	246043.71	248410.77	0.93	ppb
Chromium	52-2	453.57	467.59	458.81	459.99	1.54	ppb
Cobalt	59-2	235.61	242.40	239.26	239.09	1.42	ppb
Copper	63-2	1405.25	1429.99	1395.62	1410.28	1.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	352508.05	364201.29	358943.19	358550.84	1.63	ppb
Iron	57-2	347909.62	368583.05	356396.92	357629.86	2.91	ppb
Lead	206-1	3403.97	3408.39	3441.40	3417.92	0.60	ppb
Lead	207-1	3192.58	3156.30	3150.22	3166.37	0.72	ppb
Lead	208-1	3331.12	3291.24	3280.49	3300.95	0.81	ppb
Lithium	6-1						%
Magnesium	24-2	54517.64	56219.17	55760.05	55498.95	1.59	ppb
Manganese	55-2	15406.20	15881.60	15586.43	15624.75	1.54	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	13.33	13.32	13.24	13.30	0.37	ppb
Molybdenum	94-1	7.72	7.82	7.66	7.73	1.07	ppb
Molybdenum	95-1	13.12	13.23	13.16	13.17	0.42	ppb
Molybdenum	96-1	12.24	12.29	12.18	12.23	0.44	ppb
Molybdenum	97-1	13.55	13.33	13.27	13.38	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.11	576.21	570.50	569.61	1.25	ppb
Phosphorus	31-2	7208.34	7196.32	7298.63	7234.43	0.77	ppb
Potassium	39-2	21907.12	22659.98	22433.06	22333.39	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	275.07	282.21	287.52	281.60	2.22	ppb
Selenium	78-2	50.74	47.19	50.88	49.60	4.22	ppb
Selenium	82-1	5.49	5.23	5.12	5.28	3.62	ppb
Silicon	28-1	54621.66	53935.46	53910.75	54155.96	0.75	ppb
Silver	109-1	3.22	3.15	3.12	3.16	1.60	ppb
Silver	107-1	3.19	3.13	3.13	3.15	1.03	ppb
Sodium	23-2	476991.61	486756.26	482860.25	482202.70	1.02	ppb
Strontium	86-1	496.29	496.42	489.45	494.06	0.81	ppb
Strontium	88-1	497.92	500.63	494.71	497.75	0.60	ppb
Sulfur	34-1	4159.46	3924.23	3883.15	3988.94	3.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	4.25	4.02	4.11	4.12	2.80	ppb
Thallium	205-1	4.14	4.25	4.27	4.22	1.67	ppb
Tin	118-1	198.69	198.84	198.22	198.58	0.16	ppb
Titanium	47-1	4439.17	4352.05	4338.44	4376.55	1.25	ppb
Uranium	238-1	20.81	20.95	20.85	20.87	0.34	ppb
Vanadium	51-2	559.44	577.06	566.24	567.58	1.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3825.77	3929.13	3894.96	3883.28	1.36	ppb
Zirconium	90-1	5.28	5.33	5.25	5.29	0.74	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.19	5.07	5.26	5.17	1.84	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	196015.31	196377.86	194900.18	195764.45	0.39	ppb
Antimony	121-1	7.11	7.26	7.27	7.22	1.21	ppb
Arsenic	75-2	88.14	88.66	89.39	88.73	0.71	ppb
Barium	135-1	2944.33	3001.53	2979.09	2974.98	0.97	ppb
Barium	137-1	2905.12	2946.04	2935.55	2928.90	0.73	ppb
Beryllium	9-1	22.99	22.13	22.66	22.59	1.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	123.01	121.64	121.99	122.21	0.58	ppb
Boron	10-1	127.52	124.81	118.73	123.69	3.64	ppb
Cadmium	106-1	30.96	30.10	32.89	31.32	4.55	ppb
Cadmium	108-1	21.66	20.29	20.55	20.83	3.50	ppb
Cadmium	111-1	16.86	17.38	17.76	17.33	2.62	ppb
Calcium	43-1	158878.93	155864.56	156471.35	157071.61	1.02	ppb
Calcium	44-1	156519.88	156831.53	157357.92	156903.11	0.27	ppb
Chromium	52-2	668.54	659.56	682.74	670.28	1.74	ppb
Cobalt	59-2	246.08	241.63	241.90	243.21	1.03	ppb
Copper	63-2	1663.75	1649.36	1653.33	1655.48	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	485833.53	476478.41	475935.30	479415.74	1.16	ppb
Iron	57-2	487563.79	470133.86	473616.80	477104.82	1.93	ppb
Lead	206-1	4750.89	4823.35	4863.31	4812.52	1.18	ppb
Lead	207-1	4359.35	4450.99	4424.39	4411.58	1.07	ppb
Lead	208-1	4567.90	4649.50	4679.04	4632.14	1.24	ppb
Lithium	6-1						%
Magnesium	24-2	59963.96	58361.38	58528.90	58951.41	1.49	ppb
Manganese	55-2	13506.10	13250.72	13035.09	13263.97	1.78	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	17.78	18.17	17.81	17.92	1.20	ppb
Molybdenum	94-1	11.70	11.65	11.75	11.70	0.43	ppb
Molybdenum	95-1	17.85	17.95	18.17	17.99	0.89	ppb
Molybdenum	96-1	16.95	16.75	16.67	16.79	0.85	ppb
Molybdenum	97-1	17.92	18.36	17.73	18.00	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	728.06	714.20	711.55	717.94	1.24	ppb
Phosphorus	31-2	10525.12	10713.14	10939.20	10725.82	1.93	ppb
Potassium	39-2	21854.28	21734.18	21819.33	21802.60	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	399.82	371.84	353.81	375.16	6.18	ppb
Selenium	78-2	59.72	61.52	57.99	59.74	2.96	ppb
Selenium	82-1	7.08	7.52	7.55	7.38	3.59	ppb
Silicon	28-1	40656.06	40317.46	41004.68	40659.40	0.85	ppb
Silver	109-1	5.60	5.69	5.53	5.61	1.43	ppb
Silver	107-1	5.50	5.33	5.55	5.46	2.09	ppb
Sodium	23-2	200416.16	197500.80	199026.70	198981.22	0.73	ppb
Strontium	86-1	337.27	335.17	340.03	337.49	0.72	ppb
Strontium	88-1	336.48	341.69	341.79	339.99	0.89	ppb
Sulfur	34-1	5057.66	4899.92	4954.58	4970.72	1.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	5.69	5.90	5.84	5.81	1.83	ppb
Thallium	205-1	5.80	5.93	5.90	5.88	1.14	ppb
Tin	118-1	346.57	349.21	350.46	348.75	0.57	ppb
Titanium	47-1	5999.93	5979.76	6076.70	6018.79	0.85	ppb
Uranium	238-1	33.19	33.46	33.36	33.34	0.40	ppb
Vanadium	51-2	708.48	705.59	710.38	708.15	0.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3723.94	3677.80	3686.44	3696.06	0.66	ppb
Zirconium	90-1	8.82	8.83	8.80	8.81	0.18	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	8.62	8.72	8.78	8.71	0.96	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84001.09	83623.98	83241.60	83622.22	0.45	ppb
Antimony	121-1	5.72	5.74	5.53	5.66	2.10	ppb
Arsenic	75-2	45.77	47.16	46.99	46.64	1.63	ppb
Barium	135-1	1493.00	1529.95	1509.56	1510.83	1.22	ppb
Barium	137-1	1484.51	1511.48	1490.43	1495.47	0.95	ppb
Beryllium	9-1	10.06	9.39	9.39	9.61	4.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	73.28	72.17	71.04	72.16	1.55	ppb
Boron	10-1	75.43	69.36	72.62	72.47	4.19	ppb
Cadmium	106-1	13.49	13.45	12.41	13.12	4.65	ppb
Cadmium	108-1	9.54	10.12	10.14	9.93	3.46	ppb
Cadmium	111-1	9.30	9.11	8.83	9.08	2.59	ppb
Calcium	43-1	149145.60	147479.29	148964.62	148529.84	0.62	ppb
Calcium	44-1	149065.38	149438.50	147336.40	148613.42	0.75	ppb
Chromium	52-2	272.97	267.98	269.85	270.26	0.93	ppb
Cobalt	59-2	142.70	140.95	141.26	141.63	0.66	ppb
Copper	63-2	868.91	849.79	851.61	856.77	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	213263.76	212081.05	211963.94	212436.25	0.34	ppb
Iron	57-2	212003.26	211600.02	214415.06	212672.78	0.72	ppb
Lead	206-1	1783.02	1791.13	1771.41	1781.85	0.56	ppb
Lead	207-1	1640.44	1644.26	1614.09	1632.93	1.01	ppb
Lead	208-1	1696.70	1703.19	1693.16	1697.68	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	33639.66	33350.39	33398.70	33462.92	0.46	ppb
Manganese	55-2	9376.85	9182.90	9195.95	9251.90	1.17	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	9.89	9.98	9.91	9.93	0.48	ppb
Molybdenum	94-1	5.77	5.76	5.91	5.81	1.40	ppb
Molybdenum	95-1	9.64	9.78	10.03	9.82	2.03	ppb
Molybdenum	96-1	9.18	8.73	9.24	9.05	3.07	ppb
Molybdenum	97-1	9.78	9.88	9.97	9.88	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	348.47	337.55	340.03	342.02	1.67	ppb
Phosphorus	31-2	4316.37	4555.33	4800.67	4557.46	5.31	ppb
Potassium	39-2	13240.68	13230.34	13348.27	13273.10	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	230.14	250.41	241.68	240.74	4.22	ppb
Selenium	78-2	40.53	40.60	41.29	40.81	1.03	ppb
Selenium	82-1	4.61	4.38	3.53	4.17	13.68	ppb
Silicon	28-1	32477.28	32114.54	32436.83	32342.88	0.61	ppb
Silver	109-1	1.66	1.68	1.71	1.69	1.45	ppb
Silver	107-1	1.69	1.74	1.67	1.70	2.27	ppb
Sodium	23-2	290508.18	286791.85	285332.13	287544.05	0.93	ppb
Strontium	86-1	376.42	374.47	368.77	373.22	1.06	ppb
Strontium	88-1	378.76	375.91	370.63	375.10	1.10	ppb
Sulfur	34-1	921.79	891.00	762.77	858.52	9.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2.28	2.00	2.24	2.17	7.08	ppb
Thallium	205-1	2.12	2.15	2.12	2.13	0.86	ppb
Tin	118-1	102.21	104.08	102.25	102.84	1.04	ppb
Titanium	47-1	2627.75	2648.61	2609.34	2628.57	0.75	ppb
Uranium	238-1	10.56	10.60	10.37	10.51	1.17	ppb
Vanadium	51-2	338.34	333.22	330.96	334.17	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2374.79	2331.59	2341.67	2349.35	0.96	ppb
Zirconium	90-1	3.86	3.99	3.91	3.92	1.66	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.85	3.71	3.87	3.81	2.22	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31220.51	30646.23	31087.43	30984.72	0.97	ppb
Antimony	121-1	0.81	0.80	0.81	0.81	0.74	ppb
Arsenic	75-2	23.42	24.33	22.81	23.52	3.25	ppb
Barium	135-1	309.58	312.97	309.96	310.84	0.60	ppb
Barium	137-1	311.18	312.35	308.34	310.62	0.66	ppb
Beryllium	9-1	2.72	2.69	2.70	2.71	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	17.98	18.73	18.31	18.34	2.03	ppb
Boron	10-1	18.84	16.67	19.90	18.47	8.89	ppb
Cadmium	106-1	0.41	1.16	0.64	0.74	52.40	ppb
Cadmium	108-1	2.28	2.28	2.13	2.23	3.81	ppb
Cadmium	111-1	1.82	1.75	1.76	1.78	2.15	ppb
Calcium	43-1	24824.12	24810.54	25049.92	24894.86	0.54	ppb
Calcium	44-1	24916.67	24886.84	25138.41	24980.64	0.55	ppb
Chromium	52-2	105.30	103.89	106.19	105.13	1.11	ppb
Cobalt	59-2	39.69	38.48	39.57	39.25	1.70	ppb
Copper	63-2	271.79	267.09	267.75	268.88	0.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	78402.28	76106.19	77486.32	77331.60	1.49	ppb
Iron	57-2	79826.30	78297.81	78829.68	78984.60	0.98	ppb
Lead	206-1	477.83	493.64	491.31	487.59	1.75	ppb
Lead	207-1	428.06	434.98	431.38	431.47	0.80	ppb
Lead	208-1	458.88	466.27	462.52	462.56	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	9462.48	9170.42	9316.23	9316.38	1.57	ppb
Manganese	55-2	2144.59	2101.03	2130.29	2125.30	1.04	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.85	4.71	4.76	4.77	1.43	ppb
Molybdenum	94-1	2.93	2.93	2.98	2.95	1.05	ppb
Molybdenum	95-1	4.75	4.76	4.73	4.75	0.36	ppb
Molybdenum	96-1	4.49	4.43	4.38	4.43	1.32	ppb
Molybdenum	97-1	4.89	5.18	4.76	4.94	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.04	114.89	117.23	117.05	1.78	ppb
Phosphorus	31-2	1750.60	1580.82	1867.25	1732.89	8.31	ppb
Potassium	39-2	3564.99	3417.20	3492.85	3491.68	2.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	95.13	77.79	89.85	87.59	10.15	ppb
Selenium	78-2	13.83	16.78	17.34	15.98	11.80	ppb
Selenium	82-1	1.98	1.33	0.38	1.23	65.55	ppb
Silicon	28-1	6739.13	6835.62	6770.54	6781.76	0.73	ppb
Silver	109-1	0.64	0.63	0.58	0.62	4.99	ppb
Silver	107-1	0.62	0.61	0.65	0.63	3.64	ppb
Sodium	23-2	32296.96	31404.74	31794.68	31832.13	1.41	ppb
Strontium	86-1	87.24	88.41	87.36	87.67	0.73	ppb
Strontium	88-1	93.04	92.71	92.44	92.73	0.33	ppb
Sulfur	34-1	-3139.49	-3161.34	-3093.18	-3131.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.62	0.56	0.54	0.58	7.13	ppb
Thallium	205-1	0.59	0.54	0.55	0.56	4.48	ppb
Tin	118-1	36.47	36.05	36.53	36.35	0.71	ppb
Titanium	47-1	993.76	989.37	989.88	991.00	0.24	ppb
Uranium	238-1	3.23	3.31	3.22	3.25	1.63	ppb
Vanadium	51-2	111.57	109.84	111.97	111.13	1.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	634.36	622.56	630.31	629.08	0.95	ppb
Zirconium	90-1	2.23	2.25	2.15	2.21	2.30	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.06	2.11	2.14	2.10	1.95	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9994.27	10346.00	10147.14	10162.47	1.74	ppb
Antimony	121-1	0.63	0.59	0.58	0.60	4.05	ppb
Arsenic	75-2	8.58	8.08	7.86	8.18	4.54	ppb
Barium	135-1	151.26	156.46	147.93	151.88	2.83	ppb
Barium	137-1	152.15	152.17	146.72	150.34	2.09	ppb
Beryllium	9-1	1.11	1.10	1.07	1.09	1.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.20	11.42	12.24	11.62	4.72	ppb
Boron	10-1	11.77	9.59	10.93	10.76	10.24	ppb
Cadmium	106-1	-0.98	-2.12	-2.04	-1.71		ppb
Cadmium	108-1	1.18	0.96	1.12	1.09	10.36	ppb
Cadmium	111-1	0.78	0.79	0.76	0.78	2.04	ppb
Calcium	43-1	17396.72	17203.71	17283.26	17294.56	0.56	ppb
Calcium	44-1	17455.10	17334.49	17284.57	17358.06	0.51	ppb
Chromium	52-2	31.67	32.19	33.11	32.32	2.27	ppb
Cobalt	59-2	16.89	17.12	17.51	17.17	1.81	ppb
Copper	63-2	100.63	102.16	102.04	101.61	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25488.75	25917.49	25952.39	25786.21	1.00	ppb
Iron	57-2	25410.66	25609.35	25676.60	25565.54	0.54	ppb
Lead	206-1	172.10	172.02	175.45	173.19	1.13	ppb
Lead	207-1	157.32	158.39	159.11	158.27	0.57	ppb
Lead	208-1	164.69	165.50	166.31	165.50	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	3884.69	3898.23	3919.77	3900.90	0.45	ppb
Manganese	55-2	1092.29	1107.03	1112.18	1103.83	0.93	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.82	1.76	1.83	1.80	2.05	ppb
Molybdenum	94-1	1.00	0.98	1.04	1.01	3.07	ppb
Molybdenum	95-1	1.74	1.78	1.73	1.75	1.65	ppb
Molybdenum	96-1	1.72	1.69	1.52	1.64	6.30	ppb
Molybdenum	97-1	1.80	1.82	1.86	1.83	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.01	41.32	41.71	41.68	0.84	ppb
Phosphorus	31-2	581.43	454.84	571.83	536.04	13.15	ppb
Potassium	39-2	1586.08	1615.66	1601.15	1600.96	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	46.72	37.43	35.40	39.85	15.15	ppb
Selenium	78-2	5.53	6.67	6.74	6.31	10.72	ppb
Selenium	82-1	1.70	-0.65	0.18	0.41	289.63	ppb
Silicon	28-1	4010.68	3966.62	3973.50	3983.60	0.60	ppb
Silver	109-1	0.22	0.22	0.18	0.20	11.91	ppb
Silver	107-1	0.22	0.21	0.19	0.21	7.06	ppb
Sodium	23-2	33884.24	34224.99	34747.40	34285.54	1.27	ppb
Strontium	86-1	65.39	65.48	66.15	65.67	0.63	ppb
Strontium	88-1	69.51	68.95	69.75	69.40	0.59	ppb
Sulfur	34-1	-4007.13	-3963.66	-3786.99	-3919.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.22	0.25	0.22	11.53	ppb
Thallium	205-1	0.21	0.19	0.21	0.21	5.56	ppb
Tin	118-1	10.68	11.02	10.75	10.81	1.68	ppb
Titanium	47-1	307.99	308.37	309.60	308.65	0.27	ppb
Uranium	238-1	0.98	0.99	0.99	0.99	0.58	ppb
Vanadium	51-2	39.42	39.44	39.61	39.49	0.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	295.40	296.67	300.71	297.59	0.93	ppb
Zirconium	90-1	0.66	0.65	0.63	0.65	2.87	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.61	0.66	0.65	5.75	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45096.63	46544.09	45934.49	45858.40	1.58	ppb
Antimony	121-1	488.48	484.23	480.62	484.45	0.81	ppb
Arsenic	75-2	504.43	498.08	503.17	501.90	0.67	ppb
Barium	135-1	2474.36	2496.86	2451.23	2474.15	0.92	ppb
Barium	137-1	2465.45	2417.48	2427.09	2436.67	1.04	ppb
Beryllium	9-1	543.72	539.98	546.94	543.55	0.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	531.41	538.05	545.59	538.35	1.32	ppb
Boron	10-1	539.87	541.83	544.04	541.92	0.39	ppb
Cadmium	106-1	482.40	471.63	462.22	472.08	2.14	ppb
Cadmium	108-1	476.29	473.31	461.43	470.34	1.67	ppb
Cadmium	111-1	468.81	465.76	455.01	463.19	1.57	ppb
Calcium	43-1	232995.40	233707.52	233322.56	233341.82	0.15	ppb
Calcium	44-1	234646.62	231089.40	232356.11	232697.38	0.77	ppb
Chromium	52-2	509.54	513.88	507.46	510.29	0.64	ppb
Cobalt	59-2	496.65	499.76	494.60	497.00	0.52	ppb
Copper	63-2	1028.35	1013.33	1028.68	1023.45	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122647.70	123623.89	122560.30	122943.96	0.48	ppb
Iron	57-2	125814.19	127296.91	123982.55	125697.88	1.32	ppb
Lead	206-1	491.10	495.60	492.57	493.09	0.46	ppb
Lead	207-1	475.26	473.10	472.83	473.73	0.28	ppb
Lead	208-1	492.85	489.99	488.81	490.55	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	237638.89	241845.79	240139.55	239874.74	0.88	ppb
Manganese	55-2	968.67	982.13	973.79	974.86	0.70	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	509.60	499.27	505.29	504.72	1.03	ppb
Molybdenum	94-1	506.81	496.78	504.76	502.78	1.05	ppb
Molybdenum	95-1	508.40	497.52	500.53	502.15	1.12	ppb
Molybdenum	96-1	518.45	502.07	511.78	510.77	1.61	ppb
Molybdenum	97-1	497.56	486.76	493.44	492.59	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.20	509.38	503.62	507.07	0.60	ppb
Phosphorus	31-2	9037.36	9742.73	9701.98	9494.02	4.17	ppb
Potassium	39-2	119800.29	121572.67	119951.20	120441.39	0.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	445.80	512.85	465.03	474.56	7.28	ppb
Selenium	78-2	488.68	454.71	501.61	481.67	5.03	ppb
Selenium	82-1	488.12	476.91	482.24	482.43	1.16	ppb
Silicon	28-1	511.99	522.92	525.50	520.14	1.38	ppb
Silver	109-1	485.33	484.61	470.46	480.13	1.75	ppb
Silver	107-1	483.73	479.22	470.32	477.75	1.43	ppb
Sodium	23-2	244155.34	248822.18	244727.35	245901.63	1.04	ppb
Strontium	86-1	499.96	492.99	497.42	496.79	0.71	ppb
Strontium	88-1	507.75	496.31	508.67	504.24	1.37	ppb
Sulfur	34-1	9587.00	9572.87	9727.33	9629.07	0.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	494.90	502.18	497.09	498.06	0.75	ppb
Thallium	205-1	492.69	493.65	498.64	494.99	0.65	ppb
Tin	118-1	500.13	488.76	486.76	491.88	1.47	ppb
Titanium	47-1	478.21	472.26	472.53	474.33	0.71	ppb
Uranium	238-1	504.46	502.64	501.36	502.82	0.31	ppb
Vanadium	51-2	508.88	510.37	505.27	508.18	0.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	980.57	992.91	973.50	982.33	1.00	ppb
Zirconium	90-1	501.52	492.72	500.91	498.39	0.99	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.51	490.08	490.07	493.56	1.22	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	-1.53	3.00	0.58	392.36	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	26.86	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	51.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.08	4.32	4.16	4.18	2.98	ppb
Boron	10-1	4.81	3.74	3.13	3.89	21.74	ppb
Cadmium	106-1	-0.58	-1.18	-1.19	-0.98		ppb
Cadmium	108-1	-0.15	-0.15	-0.07	-0.12		ppb
Cadmium	111-1	-0.04	-0.09	-0.09	-0.08		ppb
Calcium	43-1	79.19	53.00	61.39	64.53	20.73	ppb
Calcium	44-1	-52.47	-51.34	-49.22	-51.01		ppb
Chromium	52-2	0.21	0.25	0.20	0.22	11.16	ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.05	0.08	0.04	0.06	32.19	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.96	1.99	2.13	2.03	4.60	ppb
Iron	57-2	3.18	0.71	0.50	1.46	101.72	ppb
Lead	206-1	0.39	0.36	0.32	0.35	10.18	ppb
Lead	207-1	0.34	0.30	0.34	0.33	5.94	ppb
Lead	208-1	0.34	0.31	0.32	0.33	4.51	ppb
Lithium	6-1						%
Magnesium	24-2	0.17	-0.02	1.46	0.54	150.15	ppb
Manganese	55-2	0.07	0.02	0.12	0.07	71.20	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.00	0.01	86.08	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	97-1	0.07	0.05	0.08	0.07	21.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	-0.02	0.00		ppb
Phosphorus	31-2	-14.10	7.56	7.75	0.41	3096.47	ppb
Potassium	39-2	32.96	27.82	23.10	27.96	17.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.48	2.74	2.74	99.99	ppb
Selenium	78-2	-0.04	0.40	1.72	0.69	132.63	ppb
Selenium	82-1	-0.18	-0.21	0.04	-0.12		ppb
Silicon	28-1	-6.43	-7.30	-7.03	-6.92		ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.50	ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.80	ppb
Sodium	23-2	96.20	100.26	100.78	99.08	2.53	ppb
Strontium	86-1	0.02	0.06	0.04	0.04	51.66	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	4.86	ppb
Sulfur	34-1	-1551.63	-1608.00	-1507.96	-1555.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	30.09	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	215.08	ppb
Tin	118-1	0.00	0.01	0.01	0.01	65.29	ppb
Titanium	47-1	-0.04	-0.01	0.03	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.36	0.22	0.24	43.00	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	104.24	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3894-01 Instrumnet Name : P8
 Client Sample ID : 1706075476-77-89-90-C(Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 14:43:23 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.74	47.71	61.80	55.08	12.83	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	16.03	ppb
Arsenic	75-2	0.58	0.72	0.70	0.66	11.23	ppb
Barium	135-1	1.21	1.23	1.06	1.17	7.91	ppb
Barium	137-1	1.21	1.02	1.16	1.13	8.85	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	66.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.55	11.62	10.00	11.06	8.29	ppb
Boron	10-1	10.81	10.68	10.47	10.65	1.61	ppb
Cadmium	106-1	0.22	-2.13	-1.44	-1.11		ppb
Cadmium	108-1	0.04	0.10	-0.04	0.03	206.11	ppb
Cadmium	111-1	0.01	-0.16	-0.11	-0.09		ppb
Calcium	43-1	823.50	823.06	786.22	810.93	2.64	ppb
Calcium	44-1	989.49	1000.25	970.85	986.86	1.51	ppb
Chromium	52-2	2.10	2.04	1.97	2.04	3.00	ppb
Cobalt	59-2	0.03	0.05	0.03	0.04	30.16	ppb
Copper	63-2	0.52	0.70	0.61	0.61	14.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	105.62	106.08	103.44	105.05	1.34	ppb
Iron	57-2	101.54	107.17	105.89	104.87	2.81	ppb
Lead	206-1	0.47	0.47	0.50	0.48	3.16	ppb
Lead	207-1	0.48	0.47	0.43	0.46	5.17	ppb
Lead	208-1	0.48	0.45	0.44	0.46	4.34	ppb
Lithium	6-1						%
Magnesium	24-2	6226.33	6207.04	6074.87	6169.42	1.34	ppb
Manganese	55-2	19.01	19.85	18.08	18.98	4.65	ppb

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3894-01 Instrumnet Name : P8
 Client Sample ID : 1706075476-77-89-90-C(Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 14:43:23 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.33	0.29	0.30	0.31	6.50	ppb
Molybdenum	94-1	0.23	0.20	0.19	0.21	9.89	ppb
Molybdenum	95-1	0.34	0.25	0.27	0.29	16.45	ppb
Molybdenum	96-1	0.28	0.30	0.26	0.28	7.88	ppb
Molybdenum	97-1	0.33	0.47	0.39	0.40	17.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.64	0.57	0.58	9.79	ppb
Phosphorus	31-2	7307.79	8044.56	7141.64	7498.00	6.41	ppb
Potassium	39-2	4830.80	4849.17	4725.84	4801.94	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.71	2.68	1.80	86.61	ppb
Selenium	78-2	2.13	1.26	0.38	1.26	69.58	ppb
Selenium	82-1	0.23	0.30	-0.30	0.08	425.49	ppb
Silicon	28-1	797.12	797.22	795.74	796.69	0.10	ppb
Silver	109-1	0.02	0.03	0.02	0.02	13.91	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.30	ppb
Sodium	23-2	2142.26	2114.11	2082.18	2112.85	1.42	ppb
Strontium	86-1	0.92	1.04	1.11	1.03	9.42	ppb
Strontium	88-1	1.00	1.02	1.03	1.02	1.30	ppb
Sulfur	34-1	5668.17	5678.71	5378.32	5575.06	3.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	15.32	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	68.76	ppb
Tin	118-1	1.45	1.48	1.59	1.51	4.61	ppb
Titanium	47-1	3.54	3.30	3.43	3.43	3.53	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.11	0.08	0.09	0.09	18.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.75	17.55	18.19	17.83	1.82	ppb
Zirconium	90-1	0.15	0.13	0.13	0.14	8.80	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3894-01	Instrumnet Name :	P8
Client Sample ID :	1706075476-77-89-90-C	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:43:23	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.13	0.14	0.14	13.04	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46721.43	46195.00	46763.36	46559.93	0.68	ppb
Antimony	121-1	501.09	499.82	504.12	501.68	0.44	ppb
Arsenic	75-2	501.69	496.20	504.49	500.79	0.84	ppb
Barium	135-1	2539.83	2507.38	2559.37	2535.53	1.04	ppb
Barium	137-1	2494.55	2472.86	2478.32	2481.91	0.45	ppb
Beryllium	9-1	559.54	557.93	552.18	556.55	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	531.97	540.91	559.34	544.07	2.57	ppb
Boron	10-1	521.90	544.63	558.05	541.53	3.37	ppb
Cadmium	106-1	476.38	484.78	485.14	482.10	1.03	ppb
Cadmium	108-1	488.25	480.93	491.96	487.05	1.15	ppb
Cadmium	111-1	479.01	481.13	483.40	481.18	0.46	ppb
Calcium	43-1	235829.67	233003.93	230901.04	233244.88	1.06	ppb
Calcium	44-1	234473.74	233829.92	233696.78	234000.15	0.18	ppb
Chromium	52-2	501.22	500.34	499.92	500.49	0.13	ppb
Cobalt	59-2	488.21	481.52	481.06	483.59	0.83	ppb
Copper	63-2	980.63	977.28	963.54	973.82	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120358.63	120619.08	119443.24	120140.32	0.51	ppb
Iron	57-2	124529.13	122160.69	122042.57	122910.80	1.14	ppb
Lead	206-1	482.05	479.97	493.21	485.07	1.47	ppb
Lead	207-1	474.35	478.42	482.68	478.48	0.87	ppb
Lead	208-1	492.89	489.59	494.68	492.38	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	238690.57	234895.06	238101.78	237229.14	0.86	ppb
Manganese	55-2	968.00	967.14	969.62	968.25	0.13	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	513.58	493.31	500.90	502.60	2.04	ppb
Molybdenum	94-1	508.36	496.80	498.35	501.17	1.25	ppb
Molybdenum	95-1	507.65	493.40	496.88	499.31	1.49	ppb
Molybdenum	96-1	514.17	498.66	501.01	504.61	1.66	ppb
Molybdenum	97-1	496.10	478.01	488.44	487.52	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.01	489.20	490.94	491.38	0.50	ppb
Phosphorus	31-2	10059.93	9916.28	9664.97	9880.39	2.02	ppb
Potassium	39-2	119895.23	119052.87	120560.58	119836.23	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	484.02	500.09	480.33	488.15	2.15	ppb
Selenium	78-2	460.48	492.00	472.09	474.85	3.36	ppb
Selenium	82-1	494.19	479.62	487.78	487.20	1.50	ppb
Silicon	28-1	536.06	530.22	535.05	533.78	0.58	ppb
Silver	109-1	496.45	495.54	497.50	496.50	0.20	ppb
Silver	107-1	493.18	494.51	496.51	494.73	0.34	ppb
Sodium	23-2	243845.12	241794.90	241466.80	242368.94	0.53	ppb
Strontium	86-1	506.77	497.56	497.18	500.50	1.08	ppb
Strontium	88-1	509.84	507.92	504.71	507.49	0.51	ppb
Sulfur	34-1	10726.21	10478.13	10711.14	10638.49	1.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	492.51	501.20	502.21	498.64	1.07	ppb
Thallium	205-1	494.48	492.34	511.37	499.40	2.09	ppb
Tin	118-1	499.47	501.40	505.93	502.27	0.66	ppb
Titanium	47-1	486.49	475.97	478.02	480.16	1.16	ppb
Uranium	238-1	495.58	503.36	505.49	501.48	1.04	ppb
Vanadium	51-2	501.46	495.81	498.61	498.63	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	953.32	953.75	955.33	954.13	0.11	ppb
Zirconium	90-1	499.98	493.04	500.68	497.90	0.85	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.40	497.89	502.24	500.51	0.46	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.97	-0.74	0.10	838.14	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	13.43	ppb
Arsenic	75-2	-0.04	-0.03	0.04	-0.01		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	48.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.47	14.63	12.74	14.28	9.79	ppb
Boron	10-1	15.33	14.10	12.91	14.11	8.58	ppb
Cadmium	106-1	-1.73	-1.28	-2.27	-1.76		ppb
Cadmium	108-1	-0.15	-0.02	-0.12	-0.10		ppb
Cadmium	111-1	-0.12	-0.09	-0.16	-0.12		ppb
Calcium	43-1	85.69	49.40	76.99	70.69	26.81	ppb
Calcium	44-1	-36.39	-36.86	-38.88	-37.38		ppb
Chromium	52-2	0.08	0.10	0.18	0.12	43.24	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.05	0.04	0.06	0.05	18.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.85	1.42	1.44	1.57	15.60	ppb
Iron	57-2	1.32	-0.71	0.72	0.45	234.00	ppb
Lead	206-1	0.41	0.35	0.35	0.37	9.73	ppb
Lead	207-1	0.43	0.34	0.39	0.39	12.01	ppb
Lead	208-1	0.43	0.35	0.36	0.38	12.13	ppb
Lithium	6-1						%
Magnesium	24-2	1.25	1.64	1.48	1.46	13.32	ppb
Manganese	55-2	0.04	0.14	-0.03	0.05	159.94	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	58.51	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	71.52	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	7.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.03	-0.03		ppb
Phosphorus	31-2	5.81	-14.60	16.76	2.66	598.92	ppb
Potassium	39-2	43.98	41.68	41.93	42.53	2.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.06	0.00	1.69	173.21	ppb
Selenium	78-2	0.34	1.55	0.75	0.88	70.01	ppb
Selenium	82-1	0.03	-1.50	-1.21	-0.89		ppb
Silicon	28-1	-5.50	-6.08	-6.70	-6.10		ppb
Silver	109-1	0.03	0.03	0.04	0.03	26.75	ppb
Silver	107-1	0.03	0.04	0.14	0.07	86.61	ppb
Sodium	23-2	131.73	132.38	132.30	132.14	0.27	ppb
Strontium	86-1	0.06	0.17	0.02	0.08	92.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	133.09	ppb
Sulfur	34-1	-895.77	-950.56	-930.05	-925.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	13.88	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	54.44	ppb
Tin	118-1	0.08	0.03	0.06	0.06	48.06	ppb
Titanium	47-1	0.00	-0.07	0.00	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	78.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.13	0.29	0.24	37.38	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	20.74	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	45.82	ppb

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	25	36	26.65	cps
Antimony	121-1	67	67	33	56	34.65	cps
Arsenic	75-2	6	13	9	9	39.96	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	42	75	67	61	28.38	cps
Beryllium	9-1	117	61	67	81	37.55	cps
Bismuth	209-1	3405150	3368895	3313804	3362616	1.37	cps
Bismuth	209-2	1570300	1564674	1548315	1561096	0.73	cps
Boron	11-1	1533	1492	1567	1531	2.46	cps
Boron	10-1	400	342	292	344	15.74	cps
Cadmium	106-1	1967	2092	1767	1942	8.44	cps
Cadmium	108-1	17	50	8	25	88.19	cps
Cadmium	111-1	1403	1450	1264	1372	7.04	cps
Calcium	43-1	7286	6635	6652	6858	5.41	cps
Calcium	44-1	97084	96380	97705	97056	0.68	cps
Chromium	52-2	1023	967	1007	999	2.92	cps
Cobalt	59-2	130	117	77	108	25.75	cps
Copper	63-2	453	403	453	437	6.61	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	125	83	100	103	20.40	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	5801606	5786537	5694007	5760717	1.01	cps
Holmium	165-2	2209253	2161410	2178827	2183164	1.11	cps
Indium	115-1	6027393	5893548	5865595	5928845	1.46	cps
Indium	115-2	454022	457737	456314	456024	0.41	cps
Iron	56-2	4062	3917	3923	3967	2.06	cps
Iron	57-2	128	150	133	137	8.44	cps
Lead	206-1	389	456	350	398	13.41	cps
Lead	207-1	350	300	300	317	9.12	cps
Lead	208-1	1545	1578	1495	1539	2.73	cps
Lithium	6-1	1019046	1006113	989590	1004916	1.47	cps
Magnesium	24-2	108	125	92	108	15.39	cps
Manganese	55-2	73	70	73	72	2.67	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	117	42	67	75	50.92	cps
Molybdenum	94-1	208	117	167	164	28.00	cps
Molybdenum	95-1	67	42	50	53	24.12	cps
Molybdenum	96-1	67	58	83	69	18.33	cps
Molybdenum	97-1	67	50	33	50	33.34	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	70	87	81	11.87	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	5051	5376	4926	5118	4.54	cps
Rhodium	103-1	6011626	5984132	5912199	5969319	0.86	cps
Rhodium	103-2	2352470	2345040	2287761	2328424	1.52	cps
Scandium	45-1	4507328	4508198	4548539	4521355	0.52	cps
Scandium	45-2	55261	56262	55677	55733	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-147	188	8	16	1050.66	cps
Silicon	28-1	456844	447569	452188	452200	1.03	cps
Silver	109-1	133	142	67	114	36.09	cps
Silver	107-1	50	100	58	69	38.58	cps
Sodium	23-2	5284	4826	5551	5221	7.03	cps
Strontium	86-1	2625	2600	2575	2600	0.96	cps
Strontium	88-1	175	100	225	167	37.75	cps
Sulfur	34-1	394876	400025	400370	398423	0.77	cps
Terbium	159-1	6205220	6195042	6131897	6177386	0.64	cps
Terbium	159-2	2196671	2183016	2138102	2172596	1.41	cps
Thallium	203-1	42	33	33	36	13.33	cps
Thallium	205-1	133	175	208	172	21.82	cps
Tin	118-1	842	767	842	817	5.30	cps
Titanium	47-1	217	258	183	219	17.12	cps
Uranium	238-1	217	192	158	189	15.49	cps
Vanadium	51-2	13	30	20	21	39.75	cps
Yttrium	89-1	6787391	6753133	6527029	6689184	2.11	cps
Yttrium	89-2	351787	352506	348826	351040	0.56	cps
Zinc	66-2	73	107	60	80	30.05	cps
Zirconium	90-1	400	417	483	433	10.18	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:52:00	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	125	92	92	36.36	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	158	208	24.00	cps
Antimony	121-1	16803	16336	15560	16233	3.87	cps
Arsenic	75-2	204	202	148	185	17.10	cps
Barium	135-1	15343	15143	15101	15195	0.85	cps
Barium	137-1	26210	26803	25709	26241	2.09	cps
Beryllium	9-1	1422	1867	1489	1593	15.05	cps
Bismuth	209-1	3164925	3169100	3146434	3160153	0.38	cps
Bismuth	209-2	1488002	1486342	1463176	1479174	0.94	cps
Boron	11-1	20816	20332	20958	20702	1.59	cps
Boron	10-1	4426	4401	4493	4440	1.07	cps
Cadmium	106-1	2042	2025	1984	2017	1.49	cps
Cadmium	108-1	192	154	121	156	22.78	cps
Cadmium	111-1	3175	3306	3250	3243	2.03	cps
Calcium	43-1	18187	18363	18246	18265	0.49	cps
Calcium	44-1	293867	288525	287017	289803	1.24	cps
Chromium	52-2	3831	4021	4144	3998	3.95	cps
Cobalt	59-2	2857	2940	2897	2898	1.44	cps
Copper	63-2	6068	6298	6362	6243	2.47	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	17	42	39	53.93	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	27	20	17	21	24.12	cps
Holmium	165-1	5824195	5587214	5599098	5670169	2.35	cps
Holmium	165-2	2116633	2091328	2089054	2099005	0.73	cps
Indium	115-1	5775458	5891410	5813755	5826875	1.01	cps
Indium	115-2	445877	445592	444997	445489	0.10	cps
Iron	56-2	53135	52755	52995	52962	0.36	cps
Iron	57-2	1389	1317	1367	1358	2.72	cps
Lead	206-1	4034	4101	4167	4101	1.63	cps
Lead	207-1	3606	3990	3762	3786	5.09	cps
Lead	208-1	16255	17266	16766	16762	3.02	cps
Lithium	6-1	993098	987458	985031	988529	0.42	cps
Magnesium	24-2	24313	25657	24388	24786	3.05	cps
Manganese	55-2	513	510	490	504	2.50	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	29942	30084	28665	29564	2.64	cps
Molybdenum	94-1	15535	15326	15551	15471	0.81	cps
Molybdenum	95-1	18221	17470	19239	18310	4.85	cps
Molybdenum	96-1	21660	20124	19940	20575	4.59	cps
Molybdenum	97-1	11222	11063	11472	11252	1.83	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	950	1007	1000	986	3.14	cps
Phosphorus	31-2	17	25	33	25	33.32	cps
Potassium	39-2	22060	22452	21192	21901	2.94	cps
Rhodium	103-1	5951208	5943589	5867735	5920844	0.78	cps
Rhodium	103-2	2312527	2321071	2289071	2307556	0.72	cps
Scandium	45-1	4588094	4490130	4481656	4519960	1.31	cps
Scandium	45-2	55191	54733	54619	54848	0.55	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	22	37	20	27	34.42	cps
Selenium	82-1	535	701	581	605	14.15	cps
Silicon	28-1	492674	497464	491567	493902	0.63	cps
Silver	109-1	13040	11847	11964	12284	5.35	cps
Silver	107-1	13024	13365	14008	13466	3.71	cps
Sodium	23-2	69059	67351	68289	68233	1.25	cps
Strontium	86-1	4826	5135	4593	4851	5.60	cps
Strontium	88-1	21368	21526	21760	21551	0.92	cps
Sulfur	34-1	398841	398509	396657	398002	0.30	cps
Terbium	159-1	6049810	5959830	6025441	6011694	0.77	cps
Terbium	159-2	2087419	2119929	2101772	2103040	0.77	cps
Thallium	203-1	4334	4359	4226	4306	1.65	cps
Thallium	205-1	10855	10630	10555	10680	1.46	cps
Tin	118-1	27688	27963	27847	27833	0.50	cps
Titanium	47-1	6827	6277	6468	6524	4.28	cps
Uranium	238-1	12173	12473	12048	12232	1.79	cps
Vanadium	51-2	5204	4904	5048	5052	2.97	cps
Yttrium	89-1	6614837	6600338	6574711	6596629	0.31	cps
Yttrium	89-2	345988	342670	345530	344729	0.52	cps
Zinc	66-2	563	670	593	609	9.03	cps
Zirconium	90-1	13307	13365	12773	13149	2.48	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 11:59:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3034	2817	3026	2959	4.15	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10363	10571	9870	10268	3.50	cps
Antimony	121-1	400478	403385	408558	404140	1.01	cps
Arsenic	75-2	8749	9047	8934	8910	1.69	cps
Barium	135-1	391406	390366	398979	393584	1.19	cps
Barium	137-1	675569	675191	685411	678724	0.85	cps
Beryllium	9-1	74867	73527	76424	74939	1.94	cps
Bismuth	209-1	2944801	2932190	2880977	2919322	1.16	cps
Bismuth	209-2	1386305	1396460	1396494	1393086	0.42	cps
Boron	11-1	43434	44445	43835	43904	1.16	cps
Boron	10-1	8395	9553	9570	9173	7.35	cps
Cadmium	106-1	11556	11364	11614	11511	1.14	cps
Cadmium	108-1	6593	6506	6723	6607	1.65	cps
Cadmium	111-1	94663	96751	96216	95877	1.13	cps
Calcium	43-1	128863	128356	129122	128780	0.30	cps
Calcium	44-1	2086365	2108640	2138813	2111272	1.25	cps
Chromium	52-2	73944	73669	73776	73796	0.19	cps
Cobalt	59-2	144729	144267	144375	144457	0.17	cps
Copper	63-2	249565	251087	250226	250293	0.30	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	20	3	8	137.80	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	150	58	75	94	51.70	cps
Gadolinium	160-2	27	10	27	21	45.58	cps
Holmium	165-1	5092439	5154273	5245817	5164176	1.49	cps
Holmium	165-2	1964454	1922716	1903289	1930153	1.62	cps
Indium	115-1	5227799	5249865	5278613	5252092	0.49	cps
Indium	115-2	407940	409607	408594	408714	0.21	cps
Iron	56-2	2535514	2566138	2549922	2550525	0.60	cps
Iron	57-2	62222	62205	62546	62324	0.31	cps
Lead	206-1	176832	177609	178090	177510	0.36	cps
Lead	207-1	160452	160862	160120	160478	0.23	cps
Lead	208-1	717441	717760	719221	718141	0.13	cps
Lithium	6-1	920538	909111	897224	908958	1.28	cps
Magnesium	24-2	248535	249764	251044	249781	0.50	cps
Manganese	55-2	43434	43471	43541	43482	0.13	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	295520	301382	300402	299101	1.05	cps
Molybdenum	94-1	349227	354764	349620	351203	0.88	cps
Molybdenum	95-1	187811	190188	187326	188442	0.81	cps
Molybdenum	96-1	237879	238377	244149	240135	1.45	cps
Molybdenum	97-1	115280	117843	117699	116941	1.23	cps
Neodymium	150-1	20	47	27	31	44.61	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	42632	42689	42221	42514	0.60	cps
Phosphorus	31-2	867	742	875	828	9.02	cps
Potassium	39-2	91690	91244	89341	90758	1.37	cps
Rhodium	103-1	5233358	5253950	5256090	5247799	0.24	cps
Rhodium	103-2	2080595	2057068	2083325	2073663	0.70	cps
Scandium	45-1	4108133	4095494	4118805	4107477	0.28	cps
Scandium	45-2	50360	50250	50547	50386	0.30	cps
Selenium	77-2	43	73	60	59	25.53	cps
Selenium	78-2	202	239	219	220	8.44	cps
Selenium	82-1	6461	6655	6406	6507	2.01	cps
Silicon	28-1	765005	762922	772176	766701	0.63	cps
Silver	109-1	443935	445932	448222	446029	0.48	cps
Silver	107-1	472074	470742	475333	472716	0.50	cps
Sodium	23-2	624633	630263	634105	629667	0.76	cps
Strontium	86-1	124740	127112	125127	125660	1.01	cps
Strontium	88-1	1056444	1070765	1055548	1060919	0.80	cps
Sulfur	34-1	455168	455890	456548	455869	0.15	cps
Terbium	159-1	5511093	5617692	5557761	5562182	0.96	cps
Terbium	159-2	1980217	1956834	1979907	1972319	0.68	cps
Thallium	203-1	217864	218808	222438	219703	1.10	cps
Thallium	205-1	524413	519594	522376	522128	0.46	cps
Tin	118-1	274596	276250	282114	277653	1.42	cps
Titanium	47-1	60984	61352	62407	61581	1.20	cps
Uranium	238-1	614206	628802	614797	619268	1.33	cps
Vanadium	51-2	51411	51896	51725	51677	0.48	cps
Yttrium	89-1	6029826	6119746	5999428	6049667	1.03	cps
Yttrium	89-2	313810	316334	317254	315799	0.56	cps
Zinc	66-2	25490	25540	25300	25444	0.50	cps
Zirconium	90-1	667686	674463	667104	669751	0.61	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:02:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	149572	150079	148418	149356	0.57	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24965	24948	24372	24761	1.36	cps
Antimony	121-1	1021167	1027235	1024379	1024260	0.30	cps
Arsenic	75-2	22607	22565	22305	22492	0.73	cps
Barium	135-1	996922	995472	1004075	998823	0.46	cps
Barium	137-1	1755734	1743597	1772531	1757287	0.83	cps
Beryllium	9-1	189633	190804	189053	189830	0.47	cps
Bismuth	209-1	3017779	2913567	2934109	2955152	1.87	cps
Bismuth	209-2	1417190	1403954	1422398	1414514	0.67	cps
Boron	11-1	107947	108895	107921	108254	0.51	cps
Boron	10-1	22610	22911	23570	23030	2.13	cps
Cadmium	106-1	27020	26285	25525	26277	2.84	cps
Cadmium	108-1	17149	16790	16673	16871	1.47	cps
Cadmium	111-1	238142	241324	241183	240216	0.75	cps
Calcium	43-1	312432	312315	311748	312165	0.12	cps
Calcium	44-1	5012594	5014949	5019387	5015643	0.07	cps
Chromium	52-2	183721	183045	182314	183026	0.38	cps
Cobalt	59-2	361219	359666	362255	361046	0.36	cps
Copper	63-2	626902	623816	628237	626318	0.36	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	67	75	150	97	47.21	cps
Gadolinium	160-2	30	17	37	28	36.66	cps
Holmium	165-1	5256735	5279941	5240695	5259124	0.38	cps
Holmium	165-2	2004198	1963103	2001963	1989755	1.16	cps
Indium	115-1	5321365	5320522	5327693	5323193	0.07	cps
Indium	115-2	413619	412240	414858	413572	0.32	cps
Iron	56-2	6279746	6209923	6285023	6258231	0.67	cps
Iron	57-2	157310	157035	157232	157193	0.09	cps
Lead	206-1	448866	452957	454774	452199	0.67	cps
Lead	207-1	403170	407238	409770	406726	0.82	cps
Lead	208-1	1816139	1811135	1839207	1822160	0.82	cps
Lithium	6-1	899171	920720	906415	908769	1.21	cps
Magnesium	24-2	623225	618700	622725	621550	0.40	cps
Manganese	55-2	107667	107012	106626	107102	0.49	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	759239	767537	767845	764874	0.64	cps
Molybdenum	94-1	888104	893213	884463	888593	0.49	cps
Molybdenum	95-1	485552	480654	482056	482754	0.52	cps
Molybdenum	96-1	610919	615733	615512	614055	0.44	cps
Molybdenum	97-1	294822	296806	298814	296814	0.67	cps
Neodymium	150-1	47	40	27	38	26.95	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	107592	105267	107860	106906	1.33	cps
Phosphorus	31-2	2125	2000	2334	2153	7.82	cps
Potassium	39-2	216168	216539	216312	216339	0.09	cps
Rhodium	103-1	5308931	5311739	5292785	5304485	0.19	cps
Rhodium	103-2	2068206	2054366	2075267	2065947	0.51	cps
Scandium	45-1	4235820	4110889	4165159	4170623	1.50	cps
Scandium	45-2	51213	50313	50320	50615	1.02	cps
Selenium	77-2	187	183	150	173	11.70	cps
Selenium	78-2	648	593	617	619	4.50	cps
Selenium	82-1	15969	16351	16728	16349	2.32	cps
Silicon	28-1	1018454	1013611	1036162	1022742	1.16	cps
Silver	109-1	1123548	1132209	1137018	1130925	0.60	cps
Silver	107-1	1202998	1191980	1182472	1192484	0.86	cps
Sodium	23-2	1588616	1580516	1593916	1587683	0.43	cps
Strontium	86-1	308465	312432	310734	310543	0.64	cps
Strontium	88-1	2714089	2706923	2699777	2706930	0.26	cps
Sulfur	34-1	519319	518675	511917	516637	0.79	cps
Terbium	159-1	5700553	5608325	5736591	5681823	1.16	cps
Terbium	159-2	1996600	2014385	1980131	1997039	0.86	cps
Thallium	203-1	559946	563277	558420	560547	0.44	cps
Thallium	205-1	1342922	1350684	1332618	1342075	0.68	cps
Tin	118-1	697097	711662	714536	707765	1.32	cps
Titanium	47-1	157231	153584	154081	154966	1.28	cps
Uranium	238-1	1599186	1602376	1597816	1599793	0.15	cps
Vanadium	51-2	130033	128415	129367	129272	0.63	cps
Yttrium	89-1	6044039	6086688	6087870	6072866	0.41	cps
Yttrium	89-2	314345	315024	318117	315829	0.64	cps
Zinc	66-2	63046	63896	63578	63507	0.68	cps
Zirconium	90-1	1706555	1724451	1735091	1722033	0.84	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:05:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	373227	375527	378553	375769	0.71	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:09:22 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48785	49161	47305	48417	2.03	cps
Antimony	121-1	2154712	2121259	2112076	2129349	1.05	cps
Arsenic	75-2	44735	44584	45095	44805	0.59	cps
Barium	135-1	2081550	2085377	2094732	2087220	0.32	cps
Barium	137-1	3551827	3569152	3591480	3570820	0.56	cps
Beryllium	9-1	375285	376179	379261	376908	0.55	cps
Bismuth	209-1	3055853	3058444	3136511	3083602	1.49	cps
Bismuth	209-2	1448220	1455781	1454013	1452671	0.27	cps
Boron	11-1	214675	219072	218651	217466	1.12	cps
Boron	10-1	45607	45448	46401	45818	1.11	cps
Cadmium	106-1	52169	50621	50956	51249	1.59	cps
Cadmium	108-1	34089	34010	34436	34178	0.66	cps
Cadmium	111-1	482205	481492	482994	482230	0.16	cps
Calcium	43-1	617819	619652	621692	619721	0.31	cps
Calcium	44-1	9805849	9890358	10076480	9924229	1.40	cps
Chromium	52-2	359731	361836	360348	360639	0.30	cps
Cobalt	59-2	709840	717755	711076	712890	0.60	cps
Copper	63-2	1234533	1239277	1235915	1236575	0.20	cps
Dysprosium	156-1	83	33	67	61	41.67	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	133	75	75	94	35.66	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	5510059	5460120	5483045	5484408	0.46	cps
Holmium	165-2	2071986	2030298	2046714	2049666	1.02	cps
Indium	115-1	5444509	5421295	5368550	5411451	0.72	cps
Indium	115-2	410208	412633	408299	410380	0.53	cps
Iron	56-2	12424095	12461582	12437677	12441118	0.15	cps
Iron	57-2	308281	314237	307309	309942	1.21	cps
Lead	206-1	928243	919512	947569	931775	1.54	cps
Lead	207-1	828311	832920	853013	838081	1.57	cps
Lead	208-1	3726814	3762846	3898537	3796066	2.39	cps
Lithium	6-1	922783	927414	955201	935133	1.87	cps
Magnesium	24-2	1239456	1247171	1252468	1246365	0.52	cps
Manganese	55-2	212947	214033	212723	213234	0.33	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:09:22	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1578817	1554022	1571589	1568143	0.81	cps
Molybdenum	94-1	1835720	1855036	1832470	1841076	0.66	cps
Molybdenum	95-1	973176	970266	966695	970046	0.33	cps
Molybdenum	96-1	1243600	1233112	1236330	1237681	0.43	cps
Molybdenum	97-1	605418	601194	601569	602727	0.39	cps
Neodymium	150-1	100	107	67	91	23.52	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	208971	211342	209789	210034	0.57	cps
Phosphorus	31-2	4634	4042	4201	4293	7.14	cps
Potassium	39-2	422289	423003	421303	422198	0.20	cps
Rhodium	103-1	5351001	5344165	5396464	5363877	0.53	cps
Rhodium	103-2	2064448	2091504	2064539	2073497	0.75	cps
Scandium	45-1	4164181	4159913	4202207	4175434	0.56	cps
Scandium	45-2	49340	50481	50230	50017	1.20	cps
Selenium	77-2	313	367	363	348	8.59	cps
Selenium	78-2	1111	1167	1130	1136	2.49	cps
Selenium	82-1	32873	33488	33249	33204	0.93	cps
Silicon	28-1	1568117	1546103	1548972	1554397	0.77	cps
Silver	109-1	2328787	2327720	2348664	2335057	0.51	cps
Silver	107-1	2494129	2480361	2502978	2492489	0.46	cps
Sodium	23-2	3093820	3069627	3061958	3075135	0.54	cps
Strontium	86-1	627852	629442	638293	631862	0.89	cps
Strontium	88-1	5420783	5394933	5477971	5431229	0.78	cps
Sulfur	34-1	608798	602716	601882	604466	0.62	cps
Terbium	159-1	5877113	5839082	5895227	5870474	0.49	cps
Terbium	159-2	2022131	2000905	2065684	2029573	1.63	cps
Thallium	203-1	1174625	1167621	1170608	1170951	0.30	cps
Thallium	205-1	2843702	2807335	2824209	2825082	0.64	cps
Tin	118-1	1447473	1428111	1433277	1436287	0.70	cps
Titanium	47-1	311247	311337	313881	312155	0.48	cps
Uranium	238-1	3311335	3392220	3427995	3377183	1.77	cps
Vanadium	51-2	256749	258851	257473	257691	0.41	cps
Yttrium	89-1	6220844	6288085	6243484	6250805	0.55	cps
Yttrium	89-2	319186	321264	319232	319894	0.37	cps
Zinc	66-2	125478	124865	125353	125232	0.26	cps
Zirconium	90-1	3480246	3493462	3521954	3498554	0.61	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:09:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	760386	770187	775234	768602	0.98	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:12:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94052	94280	91479	93270	1.67	cps
Antimony	121-1	4270102	4273462	4262912	4268826	0.13	cps
Arsenic	75-2	87886	87948	88960	88264	0.68	cps
Barium	135-1	4085222	4191143	4227607	4167991	1.77	cps
Barium	137-1	7123373	7144098	7267323	7178264	1.08	cps
Beryllium	9-1	745156	742826	753461	747148	0.75	cps
Bismuth	209-1	3145642	3108481	3174128	3142750	1.05	cps
Bismuth	209-2	1477454	1482476	1494646	1484859	0.60	cps
Boron	11-1	428981	433907	438675	433854	1.12	cps
Boron	10-1	91499	91449	93755	92234	1.43	cps
Cadmium	106-1	101732	98392	102119	100748	2.03	cps
Cadmium	108-1	68113	68264	68632	68336	0.39	cps
Cadmium	111-1	966729	977298	970853	971627	0.55	cps
Calcium	43-1	1237128	1240667	1219658	1232485	0.91	cps
Calcium	44-1	19557167	19439951	19728487	19575202	0.74	cps
Chromium	52-2	704197	701814	699314	701775	0.35	cps
Cobalt	59-2	1381313	1384698	1389065	1385025	0.28	cps
Copper	63-2	2458895	2437831	2455960	2450895	0.47	cps
Dysprosium	156-1	108	83	83	92	15.74	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	125	92	83	100	22.05	cps
Gadolinium	160-2	30	7	30	22	60.61	cps
Holmium	165-1	5660236	5726136	5710467	5698947	0.60	cps
Holmium	165-2	2075575	2067041	2063120	2068579	0.31	cps
Indium	115-1	5435911	5489110	5467087	5464036	0.49	cps
Indium	115-2	408165	401519	407058	405581	0.88	cps
Iron	56-2	24096702	24046767	24064501	24069323	0.11	cps
Iron	57-2	602812	604991	606619	604808	0.32	cps
Lead	206-1	1912370	1943916	1932222	1929503	0.83	cps
Lead	207-1	1731648	1755738	1746423	1744603	0.70	cps
Lead	208-1	7767291	7879699	7867891	7838293	0.79	cps
Lithium	6-1	933825	948060	944236	942040	0.78	cps
Magnesium	24-2	2367902	2385792	2369252	2374316	0.42	cps
Manganese	55-2	414325	413191	411509	413008	0.34	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:12:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3186568	3156859	3196583	3180003	0.65	cps
Molybdenum	94-1	3658658	3626778	3718853	3668096	1.27	cps
Molybdenum	95-1	1992945	1999525	2044675	2012382	1.40	cps
Molybdenum	96-1	2560161	2526328	2627441	2571310	2.00	cps
Molybdenum	97-1	1214906	1215465	1226778	1219049	0.55	cps
Neodymium	150-1	140	722	193	352	91.44	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	406689	408344	408549	407861	0.25	cps
Phosphorus	31-2	8261	8311	7252	7942	7.52	cps
Potassium	39-2	803869	804810	805347	804675	0.09	cps
Rhodium	103-1	5436645	5439943	5437115	5437901	0.03	cps
Rhodium	103-2	2059885	2083834	2050367	2064696	0.84	cps
Scandium	45-1	4185010	4175874	4202928	4187937	0.33	cps
Scandium	45-2	49517	49551	49557	49542	0.04	cps
Selenium	77-2	660	587	767	671	13.49	cps
Selenium	78-2	2385	2337	2172	2298	4.86	cps
Selenium	82-1	65741	65360	66439	65847	0.83	cps
Silicon	28-1	2625378	2623866	2644741	2631328	0.44	cps
Silver	109-1	4601866	4655847	4637292	4631668	0.59	cps
Silver	107-1	4926950	4848132	4831038	4868707	1.05	cps
Sodium	23-2	5889421	5872213	5818624	5860086	0.63	cps
Strontium	86-1	1261190	1274493	1285364	1273682	0.95	cps
Strontium	88-1	10791004	10818131	10952089	10853741	0.79	cps
Sulfur	34-1	785302	778268	779667	781079	0.48	cps
Terbium	159-1	6043089	6100009	6060007	6067702	0.48	cps
Terbium	159-2	2092482	2086088	2084978	2087849	0.19	cps
Thallium	203-1	2408200	2451158	2444591	2434650	0.95	cps
Thallium	205-1	5649052	5796935	5789525	5745171	1.45	cps
Tin	118-1	2951843	2952831	2944443	2949706	0.16	cps
Titanium	47-1	618866	612759	622934	618186	0.83	cps
Uranium	238-1	6895405	6895346	6928703	6906485	0.28	cps
Vanadium	51-2	503308	506031	500908	503416	0.51	cps
Yttrium	89-1	6304999	6310794	6405052	6340282	0.89	cps
Yttrium	89-2	319813	314019	316679	316837	0.92	cps
Zinc	66-2	242085	241037	241065	241396	0.25	cps
Zirconium	90-1	6895368	6894497	7056512	6948792	1.34	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:12:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1556138	1574938	1576241	1569106	0.72	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:15:52 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182380	182012	183868	182754	0.54	cps
Antimony	121-1	8539317	8598647	8620805	8586256	0.49	cps
Arsenic	75-2	174195	172890	174008	173698	0.41	cps
Barium	135-1	8449662	8488369	8487453	8475161	0.26	cps
Barium	137-1	14718920	14736245	14893113	14782760	0.65	cps
Beryllium	9-1	1522239	1521964	1529744	1524649	0.29	cps
Bismuth	209-1	3309442	3239775	3255422	3268213	1.12	cps
Bismuth	209-2	1484859	1497059	1501547	1494488	0.58	cps
Boron	11-1	865832	869674	885105	873537	1.17	cps
Boron	10-1	188759	187307	191217	189094	1.05	cps
Cadmium	106-1	204655	202068	201054	202592	0.92	cps
Cadmium	108-1	137603	137480	138827	137970	0.54	cps
Cadmium	111-1	1982300	1982999	1992116	1985805	0.28	cps
Calcium	43-1	2466051	2460864	2482197	2469704	0.45	cps
Calcium	44-1	38980820	38937086	39160346	39026084	0.30	cps
Chromium	52-2	1399129	1388869	1379005	1389001	0.72	cps
Cobalt	59-2	2762418	2761983	2768758	2764386	0.14	cps
Copper	63-2	4750598	4701304	4709902	4720601	0.56	cps
Dysprosium	156-1	133	142	133	136	3.53	cps
Dysprosium	156-2	43	30	27	33	26.45	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	117	142	158	139	15.10	cps
Gadolinium	160-2	13	33	53	33	60.01	cps
Holmium	165-1	5887389	5893274	5965409	5915357	0.73	cps
Holmium	165-2	2091658	2130386	2084388	2102144	1.18	cps
Indium	115-1	5507492	5561904	5510907	5526768	0.55	cps
Indium	115-2	393925	394683	394097	394235	0.10	cps
Iron	56-2	47113776	46866773	46828987	46936512	0.33	cps
Iron	57-2	1179707	1180391	1188760	1182953	0.43	cps
Lead	206-1	4017338	4027651	4066621	4037203	0.64	cps
Lead	207-1	3727311	3684154	3689843	3700436	0.63	cps
Lead	208-1	16364797	16273248	16373116	16337054	0.34	cps
Lithium	6-1	958198	943813	942298	948103	0.93	cps
Magnesium	24-2	4577457	4590252	4568767	4578826	0.24	cps
Manganese	55-2	804846	799697	802027	802190	0.32	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:15:52	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6364059	6402105	6434458	6400207	0.55	cps
Molybdenum	94-1	7349011	7507130	7381940	7412694	1.13	cps
Molybdenum	95-1	4046442	4104963	4092967	4081458	0.76	cps
Molybdenum	96-1	5130139	5166990	5130218	5142449	0.41	cps
Molybdenum	97-1	2500802	2526218	2514297	2513772	0.51	cps
Neodymium	150-1	247	367	273	296	21.32	cps
Neodymium	150-2	13	27	10	17	52.93	cps
Nickel	60-2	796461	789681	790697	792280	0.46	cps
Phosphorus	31-2	15768	15893	15910	15857	0.49	cps
Potassium	39-2	1566961	1582576	1553636	1567724	0.92	cps
Rhodium	103-1	5508534	5520682	5492513	5507243	0.26	cps
Rhodium	103-2	2043954	2042644	2045672	2044090	0.07	cps
Scandium	45-1	4182674	4224341	4167280	4191432	0.70	cps
Scandium	45-2	49216	48805	49634	49218	0.84	cps
Selenium	77-2	1250	1320	1367	1312	4.48	cps
Selenium	78-2	4542	4595	4527	4554	0.79	cps
Selenium	82-1	132769	132251	132541	132520	0.20	cps
Silicon	28-1	4417654	4443259	4459148	4440020	0.47	cps
Silver	109-1	9188621	9146529	9239268	9191473	0.51	cps
Silver	107-1	9827002	9723163	9772777	9774314	0.53	cps
Sodium	23-2	11507636	11410754	11452530	11456973	0.42	cps
Strontium	86-1	2592190	2599336	2627111	2606212	0.71	cps
Strontium	88-1	21852668	22022715	22197283	22024222	0.78	cps
Sulfur	34-1	990224	981723	983492	985147	0.46	cps
Terbium	159-1	6273724	6263118	6289856	6275566	0.21	cps
Terbium	159-2	2108560	2069534	2106062	2094719	1.04	cps
Thallium	203-1	4969580	4990510	5181597	5047229	2.31	cps
Thallium	205-1	11861945	11676536	11961760	11833414	1.22	cps
Tin	118-1	5899830	5928064	5915059	5914318	0.24	cps
Titanium	47-1	1251028	1259490	1258247	1256255	0.36	cps
Uranium	238-1	14533329	14422693	14390135	14448719	0.52	cps
Vanadium	51-2	993555	989993	990120	991223	0.20	cps
Yttrium	89-1	6419422	6460859	6452589	6444290	0.34	cps
Yttrium	89-2	313096	309744	312295	311712	0.56	cps
Zinc	66-2	467283	464166	464329	465259	0.38	cps
Zirconium	90-1	14067514	14114221	14038409	14073381	0.27	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:15:52	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3173199	3206414	3185140	3188251	0.53	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:18:58	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	966207	972478	970958	969881	0.34	cps
Antimony	121-1	18589	18839	18230	18553	1.65	cps
Arsenic	75-2	93	89	89	90	2.37	cps
Barium	135-1	3876	3917	4034	3942	2.08	cps
Barium	137-1	5835	6660	6427	6307	6.75	cps
Beryllium	9-1	394	450	444	430	7.12	cps
Bismuth	209-1	3048329	3040482	2981770	3023527	1.20	cps
Bismuth	209-2	1353408	1360909	1327149	1347155	1.32	cps
Boron	11-1	32555	29965	28521	30347	6.73	cps
Boron	10-1	7494	6410	6168	6691	10.55	cps
Cadmium	106-1	1734	1834	1850	1806	3.50	cps
Cadmium	108-1	29	58	67	51	38.31	cps
Cadmium	111-1	1639	1747	1765	1717	3.97	cps
Calcium	43-1	12445738	12378351	12327272	12383787	0.48	cps
Calcium	44-1	200056609	200330959	200957150	200448239	0.23	cps
Chromium	52-2	34442	34974	34830	34749	0.79	cps
Cobalt	59-2	4557	4648	4514	4573	1.49	cps
Copper	63-2	9097	9737	9900	9578	4.44	cps
Dysprosium	156-1	108	100	117	108	7.69	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	17	3	20	13	66.16	cps
Gadolinium	160-1	167	183	192	181	7.05	cps
Gadolinium	160-2	47	43	47	46	4.23	cps
Holmium	165-1	5666403	5700167	5591909	5652826	0.98	cps
Holmium	165-2	2053007	2035161	2003619	2030596	1.23	cps
Indium	115-1	5431465	5444552	5392599	5422872	0.50	cps
Indium	115-2	401903	404461	402893	403086	0.32	cps
Iron	56-2	236441150	238056394	237738250	237411931	0.36	cps
Iron	57-2	5924899	5983895	5947824	5952206	0.50	cps
Lead	206-1	10082	10171	9704	9986	2.48	cps
Lead	207-1	9037	8470	8247	8585	4.74	cps
Lead	208-1	39386	39637	38980	39334	0.84	cps
Lithium	6-1	938258	934634	941084	937992	0.34	cps
Magnesium	24-2	23816222	24077088	23865786	23919699	0.58	cps
Manganese	55-2	3400	3337	3604	3447	4.04	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:18:58	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25917	26134	26301	26118	0.74	cps
Molybdenum	94-1	10530	10571	10655	10585	0.60	cps
Molybdenum	95-1	16410	16861	16661	16644	1.36	cps
Molybdenum	96-1	19999	19565	19623	19729	1.19	cps
Molybdenum	97-1	10221	10296	10096	10204	0.99	cps
Neodymium	150-1	80	120	140	113	26.96	cps
Neodymium	150-2	13	17	27	19	36.75	cps
Nickel	60-2	11648	12196	12142	11995	2.51	cps
Phosphorus	31-2	8	67	8	28	121.26	cps
Potassium	39-2	7982495	8138330	8125978	8082268	1.07	cps
Rhodium	103-1	5213017	5145335	5215658	5191337	0.77	cps
Rhodium	103-2	1958574	1978795	1963389	1966919	0.54	cps
Scandium	45-1	4150177	4155328	4159432	4154979	0.11	cps
Scandium	45-2	50336	49938	49216	49830	1.14	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	101	104	113	106	5.53	cps
Silicon	28-1	525172	525732	519374	523426	0.67	cps
Silver	109-1	1859	1584	1925	1789	10.12	cps
Silver	107-1	1867	1725	2050	1881	8.67	cps
Sodium	23-2	58940574	59656403	59401749	59332909	0.61	cps
Strontium	86-1	89660	88973	88244	88959	0.80	cps
Strontium	88-1	741334	737867	734013	737738	0.50	cps
Sulfur	34-1	429763	429361	430572	429899	0.14	cps
Terbium	159-1	6026803	5994152	6003453	6008136	0.28	cps
Terbium	159-2	2007260	2018016	2016132	2013803	0.29	cps
Thallium	203-1	2000	2359	2142	2167	8.33	cps
Thallium	205-1	5010	5318	5076	5135	3.16	cps
Tin	118-1	5626	6152	5585	5788	5.46	cps
Titanium	47-1	1408	1383	1442	1411	2.07	cps
Uranium	238-1	3767	3417	3009	3398	11.17	cps
Vanadium	51-2	587	560	600	582	3.50	cps
Yttrium	89-1	6320986	6214950	6280397	6272111	0.85	cps
Yttrium	89-2	317822	320593	317725	318713	0.51	cps
Zinc	66-2	3140	3204	3367	3237	3.61	cps
Zirconium	90-1	3267	3259	3259	3262	0.15	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:18:58	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	733	783	714	11.34	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4934	5043	4959	4979	1.14	cps
Antimony	121-1	1611462	1600997	1591641	1601367	0.62	cps
Arsenic	75-2	35728	35700	35364	35597	0.57	cps
Barium	135-1	156997	159637	158018	158217	0.84	cps
Barium	137-1	272858	269558	269534	270650	0.71	cps
Beryllium	9-1	148301	147577	145174	147017	1.11	cps
Bismuth	209-1	2933234	2946793	3033498	2971175	1.83	cps
Bismuth	209-2	1413760	1412107	1420285	1415384	0.31	cps
Boron	11-1	452973	460350	457983	457102	0.82	cps
Boron	10-1	97791	97992	97841	97875	0.11	cps
Cadmium	106-1	18480	18981	19273	18911	2.12	cps
Cadmium	108-1	13107	13040	12806	12984	1.21	cps
Cadmium	111-1	187223	186224	189892	187780	1.01	cps
Calcium	43-1	56263	55955	55376	55865	0.81	cps
Calcium	44-1	900209	898793	904602	901201	0.34	cps
Chromium	52-2	143712	141375	140726	141938	1.11	cps
Cobalt	59-2	287312	287024	287751	287363	0.13	cps
Copper	63-2	248037	247119	248431	247863	0.27	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	58	42	36	70.51	cps
Erbium	164-2	20	27	23	23	14.29	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	7	23	13	14	58.06	cps
Holmium	165-1	5296891	5307438	5268091	5290806	0.38	cps
Holmium	165-2	1986101	1979852	1989911	1985288	0.26	cps
Indium	115-1	5297489	5228699	5299426	5275205	0.76	cps
Indium	115-2	411033	411178	410074	410762	0.15	cps
Iron	56-2	991793	975749	984368	983970	0.82	cps
Iron	57-2	24556	24706	24238	24500	0.97	cps
Lead	206-1	712974	723933	705764	714223	1.28	cps
Lead	207-1	619084	626917	623005	623002	0.63	cps
Lead	208-1	2830279	2854340	2840160	2841593	0.43	cps
Lithium	6-1	908133	901461	909732	906442	0.48	cps
Magnesium	24-2	59249	59291	58982	59174	0.28	cps
Manganese	55-2	41682	41749	42588	42006	1.20	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2881161	2882829	2897787	2887259	0.32	cps
Molybdenum	94-1	1029749	1039343	1030291	1033128	0.52	cps
Molybdenum	95-1	1833479	1822121	1828743	1828114	0.31	cps
Molybdenum	96-1	1957511	1950850	1948119	1952160	0.25	cps
Molybdenum	97-1	1106677	1120704	1110381	1112587	0.65	cps
Neodymium	150-1	0	40	20	20	100.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	84303	83954	85933	84730	1.25	cps
Phosphorus	31-2	42	42	17	33	43.30	cps
Potassium	39-2	72362	72428	71943	72244	0.36	cps
Rhodium	103-1	5423610	5407819	5444849	5425426	0.34	cps
Rhodium	103-2	2153350	2140835	2102191	2132125	1.25	cps
Scandium	45-1	4273683	4208912	4271726	4251440	0.87	cps
Scandium	45-2	51809	51464	51875	51716	0.43	cps
Selenium	77-2	293	280	247	273	8.79	cps
Selenium	78-2	978	946	989	971	2.28	cps
Selenium	82-1	25995	25995	26196	26062	0.45	cps
Silicon	28-1	2390371	2368880	2380948	2380066	0.45	cps
Silver	109-1	882624	874187	888179	881663	0.80	cps
Silver	107-1	938797	932869	937471	936379	0.33	cps
Sodium	23-2	256651	255306	257438	256465	0.42	cps
Strontium	86-1	8186	8686	8170	8347	3.52	cps
Strontium	88-1	47618	48830	48328	48259	1.26	cps
Sulfur	34-1	411930	413742	412676	412783	0.22	cps
Terbium	159-1	5636857	5680812	5666762	5661477	0.40	cps
Terbium	159-2	1994903	1980992	1957098	1977664	0.97	cps
Thallium	203-1	912727	921816	897250	910598	1.36	cps
Thallium	205-1	2197497	2215179	2160465	2191047	1.27	cps
Tin	118-1	2704513	2667064	2688758	2686778	0.70	cps
Titanium	47-1	582349	576720	578473	579181	0.50	cps
Uranium	238-1	50	75	92	72	29.04	cps
Vanadium	51-2	102814	101333	101649	101932	0.77	cps
Yttrium	89-1	6077137	6172232	6280564	6176644	1.65	cps
Yttrium	89-2	324367	322035	322418	322940	0.39	cps
Zinc	66-2	49926	50184	49712	49941	0.47	cps
Zirconium	90-1	4067	2959	2942	3323	19.41	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:36:51	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	792	717	797	10.47	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:39:58	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	317	267	292	292	8.57	cps
Arsenic	75-2	11	7	0	6	91.64	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	42	67	17	42	60.00	cps
Beryllium	9-1	89	78	117	94	21.21	cps
Bismuth	209-1	3354907	3287904	3267277	3303362	1.39	cps
Bismuth	209-2	1527669	1529450	1507381	1521500	0.81	cps
Boron	11-1	6152	6068	6018	6079	1.11	cps
Boron	10-1	1633	1492	1358	1495	9.20	cps
Cadmium	106-1	1809	1850	1567	1742	8.78	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Cadmium	111-1	1266	1306	1098	1223	9.03	cps
Calcium	43-1	7544	6802	7302	7216	5.24	cps
Calcium	44-1	100383	101263	103471	101706	1.56	cps
Chromium	52-2	957	927	873	919	4.59	cps
Cobalt	59-2	60	33	27	40	44.09	cps
Copper	63-2	443	363	397	401	10.02	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	108	92	75	58.80	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Holmium	165-1	5797024	5760732	5749140	5768966	0.43	cps
Holmium	165-2	2162495	2143171	2106165	2137277	1.34	cps
Indium	115-1	6099327	6026679	5818197	5981401	2.44	cps
Indium	115-2	461403	448023	449472	452966	1.62	cps
Iron	56-2	4067	3562	3717	3782	6.85	cps
Iron	57-2	106	111	89	102	11.35	cps
Lead	206-1	750	617	706	691	9.83	cps
Lead	207-1	694	572	539	602	13.61	cps
Lead	208-1	2839	2650	2650	2713	4.02	cps
Lithium	6-1	1019030	1016650	995834	1010505	1.26	cps
Magnesium	24-2	92	167	92	117	37.11	cps
Manganese	55-2	80	117	83	93	21.72	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:39:58	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	100	25	83	69	56.71	cps
Molybdenum	94-1	133	150	183	156	16.37	cps
Molybdenum	95-1	33	58	75	56	37.75	cps
Molybdenum	96-1	117	100	75	97	21.57	cps
Molybdenum	97-1	50	25	42	39	32.73	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	57	37	47	21.43	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5660	5093	5901	5551	7.48	cps
Rhodium	103-1	6081897	5991734	5928665	6000765	1.28	cps
Rhodium	103-2	2389275	2265703	2297930	2317636	2.77	cps
Scandium	45-1	4695287	4674424	4602149	4657287	1.05	cps
Scandium	45-2	56088	55225	56292	55868	1.01	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-117	-30	-49	-65	-70.30	cps
Silicon	28-1	422921	436184	418047	425717	2.20	cps
Silver	109-1	133	225	158	172	27.51	cps
Silver	107-1	150	108	125	128	16.41	cps
Sodium	23-2	9479	9846	9812	9712	2.09	cps
Strontium	86-1	2634	2934	2675	2748	5.92	cps
Strontium	88-1	100	158	50	103	52.75	cps
Sulfur	34-1	396249	397336	400220	397935	0.52	cps
Terbium	159-1	6266063	6191761	6107150	6188325	1.28	cps
Terbium	159-2	2160569	2134943	2148518	2148010	0.60	cps
Thallium	203-1	58	117	100	92	32.77	cps
Thallium	205-1	217	183	117	172	29.57	cps
Tin	118-1	1208	1142	1075	1142	5.84	cps
Titanium	47-1	192	183	242	206	15.35	cps
Uranium	238-1	25	108	17	50	101.38	cps
Vanadium	51-2	20	33	10	21	55.45	cps
Yttrium	89-1	6976648	6843694	6853038	6891127	1.08	cps
Yttrium	89-2	350364	347714	346059	348046	0.62	cps
Zinc	66-2	80	77	67	74	9.32	cps
Zirconium	90-1	433	425	408	422	3.01	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:39:58	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	58	75	81	31.60	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:43:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	876026	871358	876896	874760	0.34	cps
Antimony	121-1	9721	9996	9779	9832	1.48	cps
Arsenic	75-2	78	52	80	70	22.27	cps
Barium	135-1	2084	2117	2317	2173	5.81	cps
Barium	137-1	4109	3867	3984	3987	3.03	cps
Beryllium	9-1	422	528	556	502	14.02	cps
Bismuth	209-1	2879717	2833701	2817694	2843704	1.13	cps
Bismuth	209-2	1329447	1338360	1330157	1332655	0.37	cps
Boron	11-1	6352	5868	5826	6015	4.85	cps
Boron	10-1	1433	1250	1258	1314	7.88	cps
Cadmium	106-1	1775	1367	1675	1606	13.26	cps
Cadmium	108-1	867	950	933	917	4.81	cps
Cadmium	111-1	1911	1517	1665	1698	11.73	cps
Calcium	43-1	2381615	2378072	2371208	2376965	0.22	cps
Calcium	44-1	37869210	37109621	37742074	37573635	1.08	cps
Chromium	52-2	27444	28189	28586	28073	2.07	cps
Cobalt	59-2	3187	3054	3244	3162	3.09	cps
Copper	63-2	19437	19317	19060	19271	1.00	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	50	83	75	69	24.98	cps
Gadolinium	160-2	20	23	33	26	27.15	cps
Holmium	165-1	5358568	5280840	5312290	5317233	0.74	cps
Holmium	165-2	1984032	1956561	1935678	1958757	1.24	cps
Indium	115-1	5316715	5361361	5312425	5330167	0.51	cps
Indium	115-2	398083	398524	397088	397898	0.18	cps
Iron	56-2	92379530	92328183	91402627	92036780	0.60	cps
Iron	57-2	2385937	2379397	2353785	2373040	0.72	cps
Lead	206-1	16378	16867	16250	16498	1.98	cps
Lead	207-1	13118	12395	12896	12803	2.89	cps
Lead	208-1	61130	60998	59315	60481	1.67	cps
Lithium	6-1	869420	856749	851536	859235	1.07	cps
Magnesium	24-2	4583509	4567613	4563437	4571520	0.23	cps
Manganese	55-2	3117	3254	3097	3156	2.70	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:43:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11504853	11401321	11594423	11500199	0.84	cps
Molybdenum	94-1	4123165	4165128	4157571	4148621	0.54	cps
Molybdenum	95-1	7165296	7220728	7222630	7202885	0.45	cps
Molybdenum	96-1	7718429	7719741	7712361	7716844	0.05	cps
Molybdenum	97-1	4474666	4459333	4502474	4478824	0.49	cps
Neodymium	150-1	53	40	33	42	24.13	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4537	4264	4337	4380	3.23	cps
Phosphorus	31-2	79264	80873	78905	79680	1.32	cps
Potassium	39-2	3184371	3148336	3154442	3162383	0.61	cps
Rhodium	103-1	5156294	5213946	5168672	5179637	0.59	cps
Rhodium	103-2	2041206	1994217	2013952	2016458	1.17	cps
Scandium	45-1	4198472	4150503	4192136	4180370	0.62	cps
Scandium	45-2	50484	50477	49604	50188	1.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	6	4	7	56.78	cps
Selenium	82-1	90	91	59	80	22.99	cps
Silicon	28-1	577596	566462	570031	571363	1.00	cps
Silver	109-1	3551	3417	3251	3406	4.42	cps
Silver	107-1	3501	3534	3301	3445	3.66	cps
Sodium	23-2	11590651	11560894	11412881	11521475	0.83	cps
Strontium	86-1	81225	81427	82349	81667	0.73	cps
Strontium	88-1	696850	697261	688991	694367	0.67	cps
Sulfur	34-1	3053557	2991892	3011306	3018918	1.04	cps
Terbium	159-1	5764470	5594884	5700353	5686569	1.51	cps
Terbium	159-2	1990101	1970082	1942427	1967537	1.22	cps
Thallium	203-1	558	267	367	397	37.31	cps
Thallium	205-1	992	817	675	828	19.16	cps
Tin	118-1	2942	3000	2875	2939	2.13	cps
Titanium	47-1	2377544	2338779	2332541	2349621	1.04	cps
Uranium	238-1	242	250	250	247	1.95	cps
Vanadium	51-2	173	133	150	152	13.20	cps
Yttrium	89-1	6164169	6154145	6212811	6177042	0.51	cps
Yttrium	89-2	315938	312197	313991	314042	0.60	cps
Zinc	66-2	2877	2660	2747	2761	3.95	cps
Zirconium	90-1	658	525	500	561	15.17	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:43:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	108	92	15.74	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 12:46:12 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863335	865132	866140	864869	0.16	cps
Antimony	121-1	167371	165245	166451	166356	0.64	cps
Arsenic	75-2	3417	3534	3378	3443	2.35	cps
Barium	135-1	33627	33619	33761	33669	0.24	cps
Barium	137-1	59351	58095	57535	58327	1.59	cps
Beryllium	9-1	26992	27204	27004	27067	0.44	cps
Bismuth	209-1	2912427	2875242	2908731	2898800	0.71	cps
Bismuth	209-2	1341826	1315521	1310408	1322585	1.27	cps
Boron	11-1	52481	52380	51870	52244	0.63	cps
Boron	10-1	11747	10930	11472	11383	3.65	cps
Cadmium	106-1	6127	5501	6177	5935	6.34	cps
Cadmium	108-1	3921	3651	3721	3764	3.73	cps
Cadmium	111-1	38235	36930	38386	37851	2.11	cps
Calcium	43-1	2349126	2355846	2354577	2353183	0.15	cps
Calcium	44-1	37476995	37643019	37335200	37485071	0.41	cps
Chromium	52-2	55423	54934	54747	55035	0.63	cps
Cobalt	59-2	58452	58104	58278	58278	0.30	cps
Copper	63-2	65919	65195	65242	65452	0.62	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	100	58	125	94	35.66	cps
Gadolinium	160-2	23	27	30	27	12.51	cps
Holmium	165-1	5420964	5454605	5375472	5417014	0.73	cps
Holmium	165-2	1975191	1937509	1940947	1951216	1.07	cps
Indium	115-1	5352326	5175003	5233021	5253450	1.72	cps
Indium	115-2	395516	394443	391451	393803	0.53	cps
Iron	56-2	91038921	92110916	91744722	91631520	0.59	cps
Iron	57-2	2350172	2372667	2343193	2355344	0.65	cps
Lead	206-1	87053	87885	87187	87375	0.51	cps
Lead	207-1	72731	73094	72166	72664	0.64	cps
Lead	208-1	336182	336552	334824	335853	0.27	cps
Lithium	6-1	843253	846248	848724	846075	0.32	cps
Magnesium	24-2	4498362	4530593	4552330	4527095	0.60	cps
Manganese	55-2	11635	11065	10981	11227	3.17	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:46:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11805059	11933545	11833140	11857248	0.57	cps
Molybdenum	94-1	4611062	4552052	4580911	4581342	0.64	cps
Molybdenum	95-1	7429818	7375005	7448309	7417711	0.51	cps
Molybdenum	96-1	7936540	7900556	8095342	7977479	1.30	cps
Molybdenum	97-1	4599091	4583214	4609407	4597237	0.29	cps
Neodymium	150-1	27	33	7	22	62.43	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	20472	20318	20108	20299	0.90	cps
Phosphorus	31-2	78736	77906	79256	78633	0.87	cps
Potassium	39-2	3143076	3134196	3135976	3137749	0.15	cps
Rhodium	103-1	5230614	5272559	5191799	5231657	0.77	cps
Rhodium	103-2	2005024	2030838	1999893	2011918	0.82	cps
Scandium	45-1	4118178	4177943	4118298	4138140	0.83	cps
Scandium	45-2	48443	48821	48734	48666	0.41	cps
Selenium	77-2	20	30	27	26	19.92	cps
Selenium	78-2	85	107	115	102	15.05	cps
Selenium	82-1	2550	2536	2367	2484	4.12	cps
Silicon	28-1	880722	875250	869330	875101	0.65	cps
Silver	109-1	164329	163846	165248	164474	0.43	cps
Silver	107-1	175337	175427	177094	175953	0.56	cps
Sodium	23-2	11392574	11466066	11383698	11414113	0.40	cps
Strontium	86-1	225622	221758	220668	222683	1.17	cps
Strontium	88-1	1929269	1936501	1957228	1940999	0.75	cps
Sulfur	34-1	2980809	2969284	2970543	2973545	0.21	cps
Terbium	159-1	5681188	5707749	5813473	5734137	1.22	cps
Terbium	159-2	1977369	1913898	1911331	1934199	1.93	cps
Thallium	203-1	90246	89096	89380	89574	0.67	cps
Thallium	205-1	209692	208934	210436	209687	0.36	cps
Tin	118-1	326899	323133	324579	324870	0.58	cps
Titanium	47-1	2385170	2407176	2413829	2402058	0.62	cps
Uranium	238-1	757037	754473	759271	756927	0.32	cps
Vanadium	51-2	19697	19888	19200	19595	1.81	cps
Yttrium	89-1	6224402	6136354	6148182	6169646	0.77	cps
Yttrium	89-2	312760	313493	311115	312456	0.39	cps
Zinc	66-2	7576	7596	7692	7621	0.82	cps
Zirconium	90-1	772556	769392	779781	773909	0.69	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:46:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	173138	171798	173113	172683	0.44	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96435	95134	95419	95663	0.71	cps
Antimony	121-1	1167	1058	1150	1125	5.19	cps
Arsenic	75-2	9	13	11	11	16.65	cps
Barium	135-1	258	400	258	306	26.77	cps
Barium	137-1	558	508	550	539	4.97	cps
Beryllium	9-1	78	89	117	94	21.21	cps
Bismuth	209-1	3224728	3266185	3164673	3218529	1.59	cps
Bismuth	209-2	1482635	1462082	1446383	1463700	1.24	cps
Boron	11-1	5376	4818	5210	5134	5.58	cps
Boron	10-1	1100	1267	1025	1131	10.94	cps
Cadmium	106-1	1575	1534	1892	1667	11.76	cps
Cadmium	108-1	138	125	129	131	4.87	cps
Cadmium	111-1	1152	1140	1401	1231	11.94	cps
Calcium	43-1	266449	263396	260450	263432	1.14	cps
Calcium	44-1	4287649	4252996	4269378	4270008	0.41	cps
Chromium	52-2	3777	3901	3971	3883	2.52	cps
Cobalt	59-2	393	387	497	426	14.49	cps
Copper	63-2	2914	2947	3070	2977	2.77	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	75	75	108	86	22.35	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Holmium	165-1	5706188	5811525	5722463	5746725	0.99	cps
Holmium	165-2	2092294	2073869	2036261	2067475	1.38	cps
Indium	115-1	5831759	5764953	5703494	5766736	1.11	cps
Indium	115-2	430242	428578	427553	428791	0.32	cps
Iron	56-2	10307998	10124041	10138718	10190252	1.00	cps
Iron	57-2	255236	256875	251096	254402	1.17	cps
Lead	206-1	2428	2484	2317	2410	3.52	cps
Lead	207-1	2045	1967	1756	1922	7.78	cps
Lead	208-1	9268	9190	8840	9100	2.50	cps
Lithium	6-1	903252	910126	899401	904260	0.60	cps
Magnesium	24-2	505157	501440	501655	502751	0.42	cps
Manganese	55-2	423	447	407	426	4.72	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1275968	1258266	1239746	1257993	1.44	cps
Molybdenum	94-1	454740	455747	446887	452458	1.07	cps
Molybdenum	95-1	802479	791711	788236	794142	0.94	cps
Molybdenum	96-1	854036	837942	833241	841739	1.30	cps
Molybdenum	97-1	491002	488895	489194	489697	0.23	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	493	510	490	498	2.15	cps
Phosphorus	31-2	8520	8586	8353	8486	1.42	cps
Potassium	39-2	346149	348551	348650	347784	0.41	cps
Rhodium	103-1	5689705	5730231	5661620	5693852	0.61	cps
Rhodium	103-2	2211478	2224102	2181036	2205539	1.00	cps
Scandium	45-1	4475818	4422122	4379571	4425837	1.09	cps
Scandium	45-2	53083	53257	52223	52855	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	-292	17	30	-82	-223.10	cps
Silicon	28-1	430953	424972	418761	424895	1.43	cps
Silver	109-1	433	483	492	469	6.72	cps
Silver	107-1	500	542	517	519	4.04	cps
Sodium	23-2	1313140	1291357	1280317	1294938	1.29	cps
Strontium	86-1	11264	11664	11372	11433	1.81	cps
Strontium	88-1	76288	75911	76825	76341	0.60	cps
Sulfur	34-1	701724	704713	702121	702853	0.23	cps
Terbium	159-1	6118709	6193178	6016894	6109594	1.45	cps
Terbium	159-2	2087059	2080236	2049884	2072393	0.95	cps
Thallium	203-1	158	142	125	142	11.76	cps
Thallium	205-1	317	275	292	294	7.12	cps
Tin	118-1	1350	1408	1458	1406	3.86	cps
Titanium	47-1	257359	253893	252294	254515	1.02	cps
Uranium	238-1	75	67	75	72	6.66	cps
Vanadium	51-2	20	40	27	29	35.25	cps
Yttrium	89-1	6637941	6595972	6543121	6592344	0.72	cps
Yttrium	89-2	331144	335426	331481	332684	0.72	cps
Zinc	66-2	447	343	437	409	13.94	cps
Zirconium	90-1	558	533	525	539	3.22	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:49:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	58	117	89	32.92	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97702	95368	91830	94967	3.11	cps
Antimony	121-1	18196	19014	18672	18628	2.20	cps
Arsenic	75-2	437	385	419	414	6.35	cps
Barium	135-1	3442	3776	3517	3578	4.89	cps
Barium	137-1	6027	6519	6660	6402	5.20	cps
Beryllium	9-1	2989	3200	2900	3030	5.09	cps
Bismuth	209-1	3187867	3159621	3141070	3162853	0.75	cps
Bismuth	209-2	1479433	1472749	1464045	1472076	0.52	cps
Boron	11-1	9145	8853	9262	9087	2.32	cps
Boron	10-1	1984	1925	2075	1995	3.79	cps
Cadmium	106-1	2075	2192	2109	2125	2.83	cps
Cadmium	108-1	388	488	458	444	11.57	cps
Cadmium	111-1	5370	5456	5398	5408	0.82	cps
Calcium	43-1	265818	259567	259975	261787	1.34	cps
Calcium	44-1	4260877	4236230	4186902	4228003	0.89	cps
Chromium	52-2	6688	7089	7115	6964	3.43	cps
Cobalt	59-2	6505	6458	6445	6469	0.49	cps
Copper	63-2	8032	7949	7839	7940	1.22	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	33	10	10	18	75.77	cps
Holmium	165-1	5846885	5623989	5601109	5690661	2.39	cps
Holmium	165-2	2057247	2060461	2060211	2059306	0.09	cps
Indium	115-1	5771628	5747638	5717786	5745684	0.47	cps
Indium	115-2	438955	436544	431229	435576	0.91	cps
Iron	56-2	10185020	10260120	10200428	10215190	0.39	cps
Iron	57-2	256654	257482	252871	255669	0.96	cps
Lead	206-1	10099	9904	9660	9887	2.23	cps
Lead	207-1	8648	8609	8503	8586	0.87	cps
Lead	208-1	39375	39047	38056	38826	1.77	cps
Lithium	6-1	912726	895046	890188	899320	1.32	cps
Magnesium	24-2	503683	506505	496958	502382	0.98	cps
Manganese	55-2	1350	1360	1313	1341	1.83	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1296865	1294289	1285579	1292245	0.46	cps
Molybdenum	94-1	493736	495964	495947	495215	0.26	cps
Molybdenum	95-1	810791	811364	805388	809181	0.41	cps
Molybdenum	96-1	857111	868034	854784	859976	0.82	cps
Molybdenum	97-1	505925	499837	497237	501000	0.89	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2364	2217	2467	2349	5.35	cps
Phosphorus	31-2	9170	9020	8086	8759	6.71	cps
Potassium	39-2	350800	349246	343977	348008	1.03	cps
Rhodium	103-1	5801984	5786631	5749727	5779447	0.46	cps
Rhodium	103-2	2275127	2275914	2206376	2252472	1.77	cps
Scandium	45-1	4486679	4483142	4431842	4467221	0.69	cps
Scandium	45-2	54067	54244	52598	53636	1.68	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	13	7	11	10	26.93	cps
Selenium	82-1	232	166	428	275	49.54	cps
Silicon	28-1	458428	456658	453130	456072	0.59	cps
Silver	109-1	18789	17938	17612	18113	3.35	cps
Silver	107-1	20859	19815	19373	20016	3.81	cps
Sodium	23-2	1310248	1286198	1276829	1291092	1.34	cps
Strontium	86-1	27645	26802	26786	27078	1.82	cps
Strontium	88-1	214928	210460	207797	211062	1.71	cps
Sulfur	34-1	704024	701039	711144	705402	0.74	cps
Terbium	159-1	6154172	6008512	6083922	6082202	1.20	cps
Terbium	159-2	2111252	2135424	2080064	2108914	1.32	cps
Thallium	203-1	9621	9604	9596	9607	0.13	cps
Thallium	205-1	23281	22646	22087	22671	2.63	cps
Tin	118-1	37453	37688	37487	37543	0.34	cps
Titanium	47-1	263633	259262	258642	260512	1.04	cps
Uranium	238-1	84612	82810	81225	82883	2.04	cps
Vanadium	51-2	2304	2237	2184	2241	2.68	cps
Yttrium	89-1	6655101	6602536	6529992	6595876	0.95	cps
Yttrium	89-2	338605	339790	333378	337258	1.01	cps
Zinc	66-2	843	1033	890	922	10.74	cps
Zirconium	90-1	86574	86023	84529	85709	1.23	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-30 12:52:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	19398	18555	18480	18811	2.71	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	468308	467995	462698	466334	0.68	cps
Antimony	121-1	3801106	3857076	3891967	3850050	1.19	cps
Arsenic	75-2	84256	84023	85063	84448	0.65	cps
Barium	135-1	3846619	3784332	3835018	3821990	0.87	cps
Barium	137-1	6529922	6477979	6561432	6523111	0.65	cps
Beryllium	9-1	668944	668980	674969	670964	0.52	cps
Bismuth	209-1	2734648	2754999	2822674	2770773	1.66	cps
Bismuth	209-2	1298036	1285310	1298290	1293879	0.57	cps
Boron	11-1	379656	389728	389141	386175	1.46	cps
Boron	10-1	81590	82940	85086	83206	2.12	cps
Cadmium	106-1	89956	92190	90780	90975	1.24	cps
Cadmium	108-1	60439	61323	59979	60580	1.13	cps
Cadmium	111-1	861085	863263	864922	863090	0.22	cps
Calcium	43-1	5616435	5681020	5689536	5662330	0.71	cps
Calcium	44-1	90702456	92112348	91372073	91395626	0.77	cps
Chromium	52-2	697239	695597	685895	692911	0.88	cps
Cobalt	59-2	1330396	1310560	1325588	1322182	0.78	cps
Copper	63-2	2275303	2263193	2289162	2275886	0.57	cps
Dysprosium	156-1	58	83	167	103	55.19	cps
Dysprosium	156-2	30	23	30	28	13.86	cps
Erbium	164-1	58	83	25	56	52.68	cps
Erbium	164-2	23	27	3	18	71.00	cps
Gadolinium	160-1	75	158	125	119	35.12	cps
Gadolinium	160-2	33	17	40	30	40.05	cps
Holmium	165-1	5148275	5187880	5142805	5159653	0.48	cps
Holmium	165-2	1910047	1940897	1949406	1933450	1.07	cps
Indium	115-1	5039869	5000600	5114875	5051782	1.15	cps
Indium	115-2	384672	383392	384319	384128	0.17	cps
Iron	56-2	114164247	113498433	113012453	113558378	0.51	cps
Iron	57-2	2912239	2890384	2916809	2906477	0.49	cps
Lead	206-1	1658067	1634257	1682176	1658166	1.44	cps
Lead	207-1	1492580	1488637	1526516	1502578	1.39	cps
Lead	208-1	6729922	6709664	6941702	6793763	1.89	cps
Lithium	6-1	792888	807011	820926	806942	1.74	cps
Magnesium	24-2	11273198	11322511	11326687	11307466	0.26	cps
Manganese	55-2	400835	397710	397153	398566	0.50	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2989074	2946509	2972774	2969453	0.72	cps
Molybdenum	94-1	3468659	3451640	3405433	3441911	0.95	cps
Molybdenum	95-1	1888263	1878065	1880713	1882347	0.28	cps
Molybdenum	96-1	2407130	2386203	2393761	2395698	0.44	cps
Molybdenum	97-1	1139104	1136612	1125750	1133822	0.63	cps
Neodymium	150-1	107	120	180	136	28.82	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	389228	387314	387716	388086	0.26	cps
Phosphorus	31-2	7452	8169	8103	7908	5.01	cps
Potassium	39-2	3887806	3922883	3874151	3894947	0.65	cps
Rhodium	103-1	4990433	4961544	4976239	4976072	0.29	cps
Rhodium	103-2	1940717	1942634	1944655	1942669	0.10	cps
Scandium	45-1	4014445	4106785	4063032	4061420	1.14	cps
Scandium	45-2	50300	49992	49056	49782	1.30	cps
Selenium	77-2	543	610	600	584	6.15	cps
Selenium	78-2	2232	2165	2230	2209	1.72	cps
Selenium	82-1	60128	60459	60742	60443	0.51	cps
Silicon	28-1	2542744	2565797	2601883	2570141	1.16	cps
Silver	109-1	4077062	4113731	4096552	4095782	0.45	cps
Silver	107-1	4336259	4375180	4344779	4352072	0.47	cps
Sodium	23-2	28439759	28379635	28403738	28407711	0.11	cps
Strontium	86-1	1204241	1210053	1194577	1202957	0.65	cps
Strontium	88-1	10359638	10318159	10220041	10299279	0.70	cps
Sulfur	34-1	736228	739806	741186	739073	0.35	cps
Terbium	159-1	5408514	5503808	5627202	5513175	1.99	cps
Terbium	159-2	1906936	1893218	1926981	1909045	0.89	cps
Thallium	203-1	2075369	2097888	2146280	2106513	1.72	cps
Thallium	205-1	5026783	4986472	5037635	5016963	0.54	cps
Tin	118-1	2673819	2641526	2699111	2671485	1.08	cps
Titanium	47-1	582383	589480	594254	588706	1.01	cps
Uranium	238-1	6011334	6130753	6165554	6102547	1.33	cps
Vanadium	51-2	496072	496119	490431	494208	0.66	cps
Yttrium	89-1	5921444	6001843	5917580	5946956	0.80	cps
Yttrium	89-2	308690	309900	310355	309648	0.28	cps
Zinc	66-2	225925	226351	228304	226860	0.56	cps
Zirconium	90-1	6486091	6479943	6402799	6456278	0.72	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 12:55:30	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1472614	1463969	1452542	1463042	0.69	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:08:07 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	25	33	66.14	cps
Antimony	121-1	108	175	142	142	23.53	cps
Arsenic	75-2	11	7	7	9	24.71	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	42	17	50	36	48.03	cps
Beryllium	9-1	33	78	89	67	44.10	cps
Bismuth	209-1	3252806	3230500	3214169	3232492	0.60	cps
Bismuth	209-2	1474409	1475734	1468464	1472869	0.26	cps
Boron	11-1	3976	3701	3676	3784	4.40	cps
Boron	10-1	733	717	767	739	3.45	cps
Cadmium	106-1	1775	1709	1800	1761	2.69	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	1246	1197	1260	1234	2.67	cps
Calcium	43-1	7736	7661	7419	7605	2.18	cps
Calcium	44-1	98469	100450	98881	99267	1.05	cps
Chromium	52-2	970	933	947	950	1.95	cps
Cobalt	59-2	93	57	40	63	43.08	cps
Copper	63-2	467	493	440	467	5.71	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	50	92	64	37.66	cps
Gadolinium	160-2	3	17	20	13	66.16	cps
Holmium	165-1	5831092	5714983	5604142	5716739	1.99	cps
Holmium	165-2	2106664	2102606	2078118	2095796	0.74	cps
Indium	115-1	5936354	5981762	5872080	5930065	0.93	cps
Indium	115-2	440605	441218	444334	442052	0.45	cps
Iron	56-2	4306	4173	4040	4173	3.20	cps
Iron	57-2	139	172	100	137	26.38	cps
Lead	206-1	517	472	378	456	15.57	cps
Lead	207-1	467	444	461	457	2.53	cps
Lead	208-1	1900	2095	1883	1959	5.99	cps
Lithium	6-1	949700	956816	964008	956842	0.75	cps
Magnesium	24-2	83	108	108	100	14.43	cps
Manganese	55-2	100	63	63	76	28.02	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:08:07	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17	42	42	33	43.30	cps
Molybdenum	94-1	217	133	167	172	24.35	cps
Molybdenum	95-1	17	0	17	11	86.60	cps
Molybdenum	96-1	100	83	42	75	40.06	cps
Molybdenum	97-1	17	17	50	28	69.27	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33	60	40	44	31.23	cps
Phosphorus	31-2	17	17	42	25	57.73	cps
Potassium	39-2	6385	5927	5451	5921	7.89	cps
Rhodium	103-1	6073422	5935856	5950404	5986561	1.26	cps
Rhodium	103-2	2303555	2267889	2293731	2288392	0.81	cps
Scandium	45-1	4650727	4671547	4607111	4643129	0.71	cps
Scandium	45-2	56637	56302	55717	56219	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	17	7	126.01	cps
Selenium	82-1	-187	-39	-102	-110	-67.87	cps
Silicon	28-1	409268	400421	394943	401544	1.80	cps
Silver	109-1	142	92	142	125	23.09	cps
Silver	107-1	192	108	158	153	27.45	cps
Sodium	23-2	10571	10496	9929	10332	3.40	cps
Strontium	86-1	2542	2825	2659	2675	5.32	cps
Strontium	88-1	100	75	25	67	57.28	cps
Sulfur	34-1	385739	389663	389447	388283	0.57	cps
Terbium	159-1	6211291	6036801	6021422	6089838	1.73	cps
Terbium	159-2	2089558	2106401	2083660	2093206	0.56	cps
Thallium	203-1	117	92	50	86	39.11	cps
Thallium	205-1	142	142	167	150	9.63	cps
Tin	118-1	725	733	783	747	4.22	cps
Titanium	47-1	167	208	217	197	13.58	cps
Uranium	238-1	42	0	25	22	94.38	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Yttrium	89-1	6795526	6658541	6695808	6716625	1.05	cps
Yttrium	89-2	344361	346102	343303	344589	0.41	cps
Zinc	66-2	57	60	73	63	13.92	cps
Zirconium	90-1	417	492	433	447	8.81	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:08:07	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	108	83	97	13.09	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	275	233	219	29.00	cps
Antimony	121-1	16302	16002	15243	15849	3.45	cps
Arsenic	75-2	219	172	169	186	14.94	cps
Barium	135-1	15702	16002	15143	15615	2.79	cps
Barium	137-1	26711	25342	25868	25974	2.66	cps
Beryllium	9-1	1533	1445	1578	1519	4.47	cps
Bismuth	209-1	3166292	3143854	3099313	3136487	1.09	cps
Bismuth	209-2	1403422	1411240	1420039	1411567	0.59	cps
Boron	11-1	21308	22026	22210	21848	2.18	cps
Boron	10-1	4568	4901	4359	4609	5.93	cps
Cadmium	106-1	1967	1909	1692	1856	7.81	cps
Cadmium	108-1	129	208	188	175	23.45	cps
Cadmium	111-1	3199	3199	2866	3088	6.23	cps
Calcium	43-1	19464	18830	19322	19206	1.73	cps
Calcium	44-1	292616	294588	292320	293175	0.42	cps
Chromium	52-2	3957	4201	4171	4110	3.23	cps
Cobalt	59-2	2960	2967	3154	3027	3.63	cps
Copper	63-2	5975	6215	6151	6114	2.04	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	5694315	5576375	5631515	5634068	1.05	cps
Holmium	165-2	2027507	2039624	2058622	2041918	0.77	cps
Indium	115-1	5829397	5810317	5730490	5790068	0.91	cps
Indium	115-2	430449	434901	435238	433529	0.62	cps
Iron	56-2	53090	52890	52756	52912	0.32	cps
Iron	57-2	1356	1422	1395	1391	2.41	cps
Lead	206-1	4156	4379	4062	4199	3.87	cps
Lead	207-1	3478	3745	3423	3549	4.86	cps
Lead	208-1	16377	16883	15893	16384	3.02	cps
Lithium	6-1	930207	925416	918206	924610	0.65	cps
Magnesium	24-2	24989	25014	24914	24973	0.21	cps
Manganese	55-2	520	533	480	511	5.43	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	29466	29299	29767	29511	0.80	cps
Molybdenum	94-1	16102	15702	15635	15813	1.60	cps
Molybdenum	95-1	18388	18789	17971	18383	2.22	cps
Molybdenum	96-1	20650	20825	19849	20441	2.55	cps
Molybdenum	97-1	11264	11580	11272	11372	1.59	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	930	993	913	946	4.46	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	22894	23070	22527	22830	1.21	cps
Rhodium	103-1	5864207	5847498	5775151	5828952	0.81	cps
Rhodium	103-2	2252200	2267506	2268027	2262577	0.40	cps
Scandium	45-1	4626524	4580599	4554094	4587072	0.80	cps
Scandium	45-2	55733	55275	55613	55540	0.43	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	33	33	24	30	17.68	cps
Selenium	82-1	637	467	607	571	15.86	cps
Silicon	28-1	454407	449867	451468	451914	0.51	cps
Silver	109-1	12740	12815	12648	12734	0.66	cps
Silver	107-1	13449	13090	12665	13068	3.00	cps
Sodium	23-2	73457	73038	73700	73398	0.46	cps
Strontium	86-1	5185	4959	5218	5121	2.75	cps
Strontium	88-1	21175	21443	20708	21109	1.76	cps
Sulfur	34-1	384353	384513	383812	384226	0.10	cps
Terbium	159-1	6109819	5971987	5962842	6014882	1.37	cps
Terbium	159-2	2043442	2047531	2050555	2047176	0.17	cps
Thallium	203-1	4459	4393	4376	4409	1.00	cps
Thallium	205-1	10872	10513	11030	10805	2.45	cps
Tin	118-1	28632	28289	27847	28256	1.39	cps
Titanium	47-1	6460	6460	6160	6360	2.73	cps
Uranium	238-1	12816	11664	12273	12251	4.70	cps
Vanadium	51-2	5061	5078	5188	5109	1.35	cps
Yttrium	89-1	6748984	6634185	6526138	6636436	1.68	cps
Yttrium	89-2	339481	338236	337836	338518	0.25	cps
Zinc	66-2	633	637	593	621	3.88	cps
Zirconium	90-1	13357	13199	13099	13218	0.99	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:11:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3109	3067	2809	2995	5.43	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : PB100263BL Instrumnet Name : P8
 Client Sample ID : PB100263BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:20:41 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	17	47	56.72	cps
Antimony	121-1	100	42	25	56	70.88	cps
Arsenic	75-2	6	7	0	4	89.21	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	50	8	42	33	66.15	cps
Beryllium	9-1	72	72	61	69	9.37	cps
Bismuth	209-1	3328605	3235647	3317757	3294003	1.54	cps
Bismuth	209-2	1529722	1527019	1514065	1523602	0.55	cps
Boron	11-1	2617	2234	2542	2464	8.25	cps
Boron	10-1	758	433	733	642	28.19	cps
Cadmium	106-1	2042	1642	1975	1886	11.36	cps
Cadmium	108-1	175	146	158	160	9.16	cps
Cadmium	111-1	1324	1056	1288	1223	11.92	cps
Calcium	43-1	8186	8153	7536	7958	4.60	cps
Calcium	44-1	94727	95927	96824	95826	1.10	cps
Chromium	52-2	1050	907	997	984	7.36	cps
Cobalt	59-2	40	37	33	37	9.10	cps
Copper	63-2	483	433	487	468	6.39	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	75	67	67	69	6.93	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	6036577	5976439	5798260	5937092	2.09	cps
Holmium	165-2	2168474	2186623	2137698	2164265	1.14	cps
Indium	115-1	6153998	6071230	6018947	6081392	1.12	cps
Indium	115-2	462196	458449	457398	459348	0.55	cps
Iron	56-2	4295	4456	4023	4258	5.15	cps
Iron	57-2	106	150	172	143	23.81	cps
Lead	206-1	339	317	367	341	7.35	cps
Lead	207-1	339	350	250	313	17.51	cps
Lead	208-1	1445	1511	1395	1450	4.04	cps
Lithium	6-1	1010458	978467	969393	986106	2.19	cps
Magnesium	24-2	67	100	83	83	20.00	cps
Manganese	55-2	103	93	67	88	21.59	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BL	Instrumnet Name :	P8
Client Sample ID :	PB100263BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:20:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	58	42	75	58	28.57	cps
Molybdenum	94-1	183	142	117	147	22.88	cps
Molybdenum	95-1	50	67	42	53	24.12	cps
Molybdenum	96-1	133	50	25	69	81.69	cps
Molybdenum	97-1	75	33	42	50	44.10	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	60	87	71	19.52	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	5168	5851	5134	5385	7.52	cps
Rhodium	103-1	6280018	6164504	6088712	6177744	1.56	cps
Rhodium	103-2	2445216	2416730	2379626	2413857	1.36	cps
Scandium	45-1	4924570	4905226	4740251	4856682	2.09	cps
Scandium	45-2	59341	58622	58849	58937	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	169	-4	-42	41	272.95	cps
Silicon	28-1	396712	391172	383349	390411	1.72	cps
Silver	109-1	75	83	83	81	5.98	cps
Silver	107-1	83	192	133	136	39.84	cps
Sodium	23-2	9012	8586	8695	8764	2.52	cps
Strontium	86-1	2492	2542	2434	2489	2.18	cps
Strontium	88-1	83	50	42	58	37.80	cps
Sulfur	34-1	384499	385521	383052	384357	0.32	cps
Terbium	159-1	6323392	6327932	6353419	6334914	0.26	cps
Terbium	159-2	2221338	2139186	2129947	2163490	2.33	cps
Thallium	203-1	67	58	75	67	12.49	cps
Thallium	205-1	142	167	133	147	11.78	cps
Tin	118-1	725	792	692	736	6.92	cps
Titanium	47-1	150	292	233	225	31.64	cps
Uranium	238-1	17	58	58	44	54.12	cps
Vanadium	51-2	7	7	37	17	103.90	cps
Yttrium	89-1	7169727	6913123	7037029	7039960	1.82	cps
Yttrium	89-2	364191	358693	356951	359945	1.05	cps
Zinc	66-2	40	47	50	46	11.18	cps
Zirconium	90-1	508	608	450	522	15.33	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BL	Instrumnet Name :	P8
Client Sample ID :	PB100263BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:20:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	133	83	106	24.12	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95772	95621	94497	95297	0.73	cps
Antimony	121-1	3904090	3946525	3986113	3945576	1.04	cps
Arsenic	75-2	86707	87765	88162	87545	0.86	cps
Barium	135-1	3813109	3878943	3824333	3838795	0.92	cps
Barium	137-1	6550257	6617305	6578984	6582182	0.51	cps
Beryllium	9-1	694736	694741	699247	696241	0.37	cps
Bismuth	209-1	2767466	2808695	2809151	2795104	0.86	cps
Bismuth	209-2	1295577	1296402	1310280	1300753	0.64	cps
Boron	11-1	387178	395537	402424	395046	1.93	cps
Boron	10-1	82244	82889	84708	83280	1.53	cps
Cadmium	106-1	94648	94606	94773	94676	0.09	cps
Cadmium	108-1	63637	64010	63457	63701	0.44	cps
Cadmium	111-1	897008	897608	904264	899627	0.45	cps
Calcium	43-1	1191005	1191218	1214146	1198790	1.11	cps
Calcium	44-1	19239401	19321793	18984889	19182028	0.92	cps
Chromium	52-2	706121	705571	711156	707616	0.43	cps
Cobalt	59-2	1380136	1383435	1391967	1385179	0.44	cps
Copper	63-2	2413304	2430084	2417328	2420238	0.36	cps
Dysprosium	156-1	75	50	83	69	24.98	cps
Dysprosium	156-2	10	3	23	12	83.33	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	92	117	92	100	14.43	cps
Gadolinium	160-2	10	17	30	19	53.91	cps
Holmium	165-1	5068323	5199809	5047341	5105158	1.62	cps
Holmium	165-2	1900246	1885943	1912743	1899644	0.71	cps
Indium	115-1	5081213	5030212	5134961	5082129	1.03	cps
Indium	115-2	385718	386406	387598	386574	0.25	cps
Iron	56-2	23726509	23966986	23967179	23886891	0.58	cps
Iron	57-2	599551	605173	608673	604466	0.76	cps
Lead	206-1	1731066	1733296	1681110	1715157	1.72	cps
Lead	207-1	1503242	1533709	1516675	1517875	1.01	cps
Lead	208-1	6858545	6911351	6891527	6887141	0.39	cps
Lithium	6-1	812365	830916	827145	823476	1.19	cps
Magnesium	24-2	2462768	2423887	2460060	2448905	0.89	cps
Manganese	55-2	412786	418007	419294	416695	0.83	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2968926	2937767	2954363	2953686	0.53	cps
Molybdenum	94-1	3437313	3444433	3463685	3448477	0.40	cps
Molybdenum	95-1	1871802	1889068	1900210	1887027	0.76	cps
Molybdenum	96-1	2402749	2414875	2383776	2400467	0.65	cps
Molybdenum	97-1	1138445	1137294	1133062	1136267	0.25	cps
Neodymium	150-1	187	127	187	167	20.79	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	402770	409514	405525	405936	0.84	cps
Phosphorus	31-2	8186	7953	8695	8278	4.58	cps
Potassium	39-2	822703	821797	830525	825008	0.58	cps
Rhodium	103-1	4994514	5011630	5036918	5014354	0.43	cps
Rhodium	103-2	2000995	1986201	2007192	1998130	0.54	cps
Scandium	45-1	4052239	4096319	4113713	4087424	0.78	cps
Scandium	45-2	50400	50075	50868	50448	0.79	cps
Selenium	77-2	743	663	713	707	5.72	cps
Selenium	78-2	2202	2302	2248	2251	2.22	cps
Selenium	82-1	62574	63370	62718	62887	0.67	cps
Silicon	28-1	2608480	2617748	2675163	2633797	1.37	cps
Silver	109-1	4295525	4296416	4284318	4292086	0.16	cps
Silver	107-1	4560143	4548340	4540786	4549756	0.21	cps
Sodium	23-2	6059934	6080204	6084613	6074917	0.22	cps
Strontium	86-1	1188507	1200292	1201509	1196769	0.60	cps
Strontium	88-1	10267558	10249564	10300963	10272695	0.25	cps
Sulfur	34-1	777510	768010	769170	771563	0.67	cps
Terbium	159-1	5400343	5467880	5469043	5445755	0.72	cps
Terbium	159-2	1879137	1889258	1908373	1892256	0.78	cps
Thallium	203-1	2160934	2206672	2142661	2170089	1.52	cps
Thallium	205-1	5052454	5169419	5046693	5089522	1.36	cps
Tin	118-1	2737440	2753324	2760648	2750470	0.43	cps
Titanium	47-1	599865	602846	606429	603047	0.55	cps
Uranium	238-1	5915303	6040663	6052158	6002708	1.26	cps
Vanadium	51-2	511857	509159	513846	511621	0.46	cps
Yttrium	89-1	5865144	5898459	5950885	5904829	0.73	cps
Yttrium	89-2	308378	309972	311258	309869	0.47	cps
Zinc	66-2	238851	237939	238797	238529	0.21	cps
Zirconium	90-1	6491253	6491416	6556492	6513054	0.58	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	PB100263BS	Instrumnet Name :	P8
Client Sample ID :	PB100263BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:23:49	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1456620	1467050	1493744	1472471	1.30	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	100	89	21.65	cps
Antimony	121-1	23680	21660	20233	21858	7.93	cps
Arsenic	75-2	215	181	209	202	8.85	cps
Barium	135-1	175	125	92	131	32.13	cps
Barium	137-1	367	250	308	308	18.92	cps
Beryllium	9-1	61	83	83	76	16.90	cps
Bismuth	209-1	2701471	2674772	2721101	2699115	0.86	cps
Bismuth	209-2	1192076	1187312	1192724	1190704	0.25	cps
Boron	11-1	14333	13582	12406	13440	7.23	cps
Boron	10-1	2900	2842	2450	2731	8.96	cps
Cadmium	106-1	1208	1392	1225	1275	7.95	cps
Cadmium	108-1	33	71	42	49	40.51	cps
Cadmium	111-1	1014	1137	987	1046	7.66	cps
Calcium	43-1	9262	8920	8153	8778	6.47	cps
Calcium	44-1	125179	120975	115118	120424	4.20	cps
Chromium	52-2	2264	2297	2360	2307	2.13	cps
Cobalt	59-2	80	103	57	80	29.17	cps
Copper	63-2	14254	13463	13690	13803	2.95	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	4645659	4687062	4730161	4687627	0.90	cps
Holmium	165-2	1561022	1587751	1585799	1578191	0.94	cps
Indium	115-1	5014469	4965351	4944542	4974787	0.72	cps
Indium	115-2	351027	349830	348561	349806	0.35	cps
Iron	56-2	13640	13457	13679	13592	0.87	cps
Iron	57-2	361	406	361	376	6.82	cps
Lead	206-1	1339	1495	1289	1374	7.80	cps
Lead	207-1	1539	1106	1095	1246	20.34	cps
Lead	208-1	6051	5328	4973	5451	10.08	cps
Lithium	6-1	864489	906055	943005	904516	4.34	cps
Magnesium	24-2	225	283	267	258	11.63	cps
Manganese	55-2	300	287	307	298	3.42	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	492	467	408	456	9.39	cps
Molybdenum	94-1	408	392	367	389	5.39	cps
Molybdenum	95-1	125	133	125	128	3.76	cps
Molybdenum	96-1	267	267	208	247	13.62	cps
Molybdenum	97-1	183	200	225	203	10.34	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	100	150	147	132	21.14	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	10379	9087	9137	9534	7.68	cps
Rhodium	103-1	4698204	4616192	4672937	4662444	0.90	cps
Rhodium	103-2	1827193	1834586	1831258	1831012	0.20	cps
Scandium	45-1	3659020	3569290	3567719	3598676	1.45	cps
Scandium	45-2	42815	41762	42631	42403	1.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	-43	41	5	1	5823.68	cps
Silicon	28-1	449810	442126	436324	442753	1.53	cps
Silver	109-1	5410	4484	3751	4548	18.28	cps
Silver	107-1	5593	5060	4351	5001	12.46	cps
Sodium	23-2	22753	21584	19798	21378	6.96	cps
Strontium	86-1	2692	2959	2842	2831	4.72	cps
Strontium	88-1	3684	3426	3634	3581	3.83	cps
Sulfur	34-1	339557	333416	329461	334145	1.52	cps
Terbium	159-1	4885264	5041730	5015213	4980736	1.68	cps
Terbium	159-2	1634256	1578542	1588905	1600568	1.85	cps
Thallium	203-1	258	142	117	172	43.91	cps
Thallium	205-1	492	467	417	458	8.33	cps
Tin	118-1	18889	19974	19682	19515	2.88	cps
Titanium	47-1	575	458	525	519	11.27	cps
Uranium	238-1	108	67	58	78	34.44	cps
Vanadium	51-2	53	50	67	57	15.57	cps
Yttrium	89-1	5217771	5299520	5243585	5253625	0.80	cps
Yttrium	89-2	259869	263855	260522	261415	0.82	cps
Zinc	66-2	517	443	500	487	7.90	cps
Zirconium	90-1	800	650	858	770	13.97	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:26:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	283	231	19.91	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3934-01DUP Instrumnet Name : P8
 Client Sample ID : LOT-7051700-170626DU Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:29:59 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	17	67	61	68.63	cps
Antimony	121-1	11964	11731	11364	11686	2.59	cps
Arsenic	75-2	196	198	148	181	15.67	cps
Barium	135-1	117	167	108	131	24.17	cps
Barium	137-1	233	208	242	228	7.62	cps
Beryllium	9-1	67	50	61	59	14.32	cps
Bismuth	209-1	2728589	2742291	2746839	2739240	0.35	cps
Bismuth	209-2	1197485	1176105	1193837	1189142	0.96	cps
Boron	11-1	7461	7169	6368	6999	8.08	cps
Boron	10-1	1500	1700	1492	1564	7.54	cps
Cadmium	106-1	1383	1250	1333	1322	5.09	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Cadmium	111-1	1065	958	1011	1011	5.30	cps
Calcium	43-1	9037	7953	8945	8645	6.95	cps
Calcium	44-1	101154	101986	101709	101616	0.42	cps
Chromium	52-2	2187	2274	2017	2159	6.05	cps
Cobalt	59-2	43	77	77	66	29.36	cps
Copper	63-2	11281	11231	11005	11172	1.32	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	4711998	4777471	4753311	4747593	0.70	cps
Holmium	165-2	1585866	1573688	1591003	1583519	0.56	cps
Indium	115-1	4983390	4840041	4877813	4900415	1.52	cps
Indium	115-2	337590	338647	338280	338172	0.16	cps
Iron	56-2	12445	12506	11811	12254	3.14	cps
Iron	57-2	350	328	272	317	12.65	cps
Lead	206-1	1039	945	889	957	7.92	cps
Lead	207-1	967	811	1067	948	13.58	cps
Lead	208-1	4256	3811	3928	3999	5.76	cps
Lithium	6-1	978122	989496	1003430	990350	1.28	cps
Magnesium	24-2	217	300	192	236	24.02	cps
Manganese	55-2	230	243	253	242	4.83	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01DUP	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626DU	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:29:59	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	375	317	325	339	9.31	cps
Molybdenum	94-1	300	325	333	319	5.43	cps
Molybdenum	95-1	142	100	83	108	27.73	cps
Molybdenum	96-1	142	200	217	186	21.16	cps
Molybdenum	97-1	192	175	308	225	32.29	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	137	130	127	131	3.88	cps
Phosphorus	31-2	8	50	25	28	75.51	cps
Potassium	39-2	7361	6869	6602	6944	5.54	cps
Rhodium	103-1	4671757	4672029	4705312	4683032	0.41	cps
Rhodium	103-2	1785549	1807035	1785680	1792755	0.69	cps
Scandium	45-1	3535814	3506923	3539841	3527526	0.51	cps
Scandium	45-2	41906	40812	40966	41228	1.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	-81	-97	-50	-76	-31.77	cps
Silicon	28-1	416631	410729	408100	411820	1.06	cps
Silver	109-1	2725	2525	2209	2486	10.48	cps
Silver	107-1	3101	2500	2450	2684	13.48	cps
Sodium	23-2	16560	15759	17053	16457	3.97	cps
Strontium	86-1	2650	2650	2817	2706	3.56	cps
Strontium	88-1	3184	3776	3142	3367	10.52	cps
Sulfur	34-1	320313	312597	313456	315455	1.34	cps
Terbium	159-1	5046801	5123661	5006101	5058854	1.18	cps
Terbium	159-2	1583469	1606148	1640899	1610172	1.80	cps
Thallium	203-1	133	92	67	97	34.64	cps
Thallium	205-1	200	183	208	197	6.46	cps
Tin	118-1	14484	14041	14300	14275	1.56	cps
Titanium	47-1	442	475	525	481	8.73	cps
Uranium	238-1	75	42	50	56	31.22	cps
Vanadium	51-2	53	43	70	56	24.25	cps
Yttrium	89-1	5254299	5202848	5182169	5213105	0.71	cps
Yttrium	89-2	257116	256115	253945	255725	0.63	cps
Zinc	66-2	590	573	590	584	1.65	cps
Zirconium	90-1	667	783	692	714	8.60	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01DUP	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626DU	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:29:59	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	175	133	144	18.54	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	92	17	53	71.20	cps
Antimony	121-1	1975	2125	1750	1950	9.68	cps
Arsenic	75-2	31	35	30	32	8.82	cps
Barium	135-1	25	42	67	44	47.19	cps
Barium	137-1	108	67	83	86	24.35	cps
Beryllium	9-1	111	111	106	109	2.94	cps
Bismuth	209-1	3129755	3081531	3025867	3079051	1.69	cps
Bismuth	209-2	1363949	1361802	1328994	1351582	1.45	cps
Boron	11-1	4326	4176	4368	4290	2.35	cps
Boron	10-1	967	1008	700	892	18.76	cps
Cadmium	106-1	1450	1567	1517	1511	3.87	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Cadmium	111-1	1021	1109	1068	1066	4.11	cps
Calcium	43-1	7511	6852	7244	7202	4.60	cps
Calcium	44-1	84278	83682	84589	84183	0.55	cps
Chromium	52-2	1283	1287	1250	1273	1.59	cps
Cobalt	59-2	30	27	23	27	12.51	cps
Copper	63-2	1987	2004	1940	1977	1.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	50	17	33	49.99	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	67	33	58	53	32.86	cps
Gadolinium	160-2	7	13	23	14	58.06	cps
Holmium	165-1	5715095	5648566	5409698	5591119	2.87	cps
Holmium	165-2	1960537	1913877	1885649	1920021	1.97	cps
Indium	115-1	5590561	5536631	5502544	5543245	0.80	cps
Indium	115-2	395960	396276	391394	394543	0.69	cps
Iron	56-2	6190	6391	6196	6259	1.82	cps
Iron	57-2	161	150	222	178	21.87	cps
Lead	206-1	644	683	483	604	17.57	cps
Lead	207-1	511	500	544	519	4.46	cps
Lead	208-1	2511	2450	2145	2369	8.29	cps
Lithium	6-1	908479	879038	872318	886612	2.17	cps
Magnesium	24-2	125	133	142	133	6.25	cps
Manganese	55-2	113	83	117	104	17.58	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	100	100	97	4.95	cps
Molybdenum	94-1	208	208	217	211	2.28	cps
Molybdenum	95-1	8	58	33	33	75.02	cps
Molybdenum	96-1	108	83	67	86	24.35	cps
Molybdenum	97-1	142	167	217	175	21.82	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	107	47	66	54.37	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	5843	5926	5851	5874	0.78	cps
Rhodium	103-1	5575705	5578335	5504985	5553008	0.75	cps
Rhodium	103-2	2142339	2122772	2068613	2111242	1.81	cps
Scandium	45-1	4169959	4195913	4131735	4165869	0.77	cps
Scandium	45-2	48898	48584	48436	48639	0.48	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	75	-103	34	2	4660.28	cps
Silicon	28-1	374318	365936	364489	368248	1.44	cps
Silver	109-1	1192	1075	925	1064	12.57	cps
Silver	107-1	1150	1042	1200	1131	7.16	cps
Sodium	23-2	11789	11305	12072	11722	3.31	cps
Strontium	86-1	2559	2384	2492	2478	3.56	cps
Strontium	88-1	975	1017	808	933	11.81	cps
Sulfur	34-1	341768	347565	342689	344007	0.91	cps
Terbium	159-1	6030158	6015244	5825253	5956885	1.92	cps
Terbium	159-2	1919079	1929378	1894094	1914183	0.95	cps
Thallium	203-1	100	83	75	86	14.78	cps
Thallium	205-1	175	125	142	147	17.29	cps
Tin	118-1	1559	1317	1333	1403	9.62	cps
Titanium	47-1	283	325	367	325	12.82	cps
Uranium	238-1	58	50	33	47	26.97	cps
Vanadium	51-2	13	20	40	24	56.78	cps
Yttrium	89-1	6279293	6219848	6125769	6208303	1.25	cps
Yttrium	89-2	305575	302692	299624	302630	0.98	cps
Zinc	66-2	140	157	137	144	7.42	cps
Zirconium	90-1	417	417	583	472	20.38	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01LX5	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626L	Dilution Factor :	5
Date & Time Acquired ::	2017-06-30 13:33:09	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	100	75	81	21.54	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3934-01MS Instrumnet Name : P8
 Client Sample ID : LOT-7051700-170626MS Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:36:19 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73474	72687	73398	73186	0.59	cps
Antimony	121-1	3607047	3644592	3662000	3637880	0.77	cps
Arsenic	75-2	74795	74456	75570	74940	0.76	cps
Barium	135-1	3571907	3642421	3608932	3607754	0.98	cps
Barium	137-1	6081135	6238794	6190977	6170302	1.31	cps
Beryllium	9-1	540989	540413	550494	543965	1.04	cps
Bismuth	209-1	2709594	2772985	2842700	2775093	2.40	cps
Bismuth	209-2	1190061	1183760	1190775	1188198	0.32	cps
Boron	11-1	579210	596206	605193	593537	2.22	cps
Boron	10-1	127152	130489	129093	128911	1.30	cps
Cadmium	106-1	85706	84918	85705	85443	0.53	cps
Cadmium	108-1	56978	57686	57811	57492	0.78	cps
Cadmium	111-1	817287	825056	834981	825774	1.07	cps
Calcium	43-1	1040900	1050729	1055987	1049205	0.73	cps
Calcium	44-1	16576814	16853992	16758482	16729763	0.84	cps
Chromium	52-2	621811	624492	628606	624970	0.55	cps
Cobalt	59-2	1219699	1225239	1233812	1226250	0.58	cps
Copper	63-2	2191550	2186095	2232578	2203407	1.15	cps
Dysprosium	156-1	108	42	67	72	46.63	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	2409	2400	2534	2448	3.05	cps
Erbium	164-2	920	760	800	827	10.07	cps
Gadolinium	160-1	242	250	275	256	6.79	cps
Gadolinium	160-2	103	70	67	80	25.35	cps
Holmium	165-1	4915495	4924481	5022517	4954164	1.20	cps
Holmium	165-2	1635917	1613403	1662669	1637330	1.51	cps
Indium	115-1	4692161	4721690	4767375	4727075	0.80	cps
Indium	115-2	320264	319510	321084	320286	0.25	cps
Iron	56-2	20368435	20261885	20458212	20362844	0.48	cps
Iron	57-2	510005	507391	511775	509724	0.43	cps
Lead	206-1	1675160	1720677	1742908	1712915	2.02	cps
Lead	207-1	1486382	1526931	1534969	1516094	1.72	cps
Lead	208-1	6778691	6949435	6992569	6906898	1.64	cps
Lithium	6-1	943780	979511	996065	973119	2.75	cps
Magnesium	24-2	2071280	2052770	2052299	2058783	0.53	cps
Manganese	55-2	336446	332503	336509	335153	0.68	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3934-01MS Instrumnet Name : P8
 Client Sample ID : LOT-7051700-170626MS Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:36:19 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5287069	5368668	5345096	5333611	0.79	cps
Molybdenum	94-1	3995391	4022813	4129994	4049399	1.76	cps
Molybdenum	95-1	3328180	3383239	3420435	3377285	1.37	cps
Molybdenum	96-1	3914832	3921729	3970598	3935720	0.77	cps
Molybdenum	97-1	2070832	2113943	2119661	2101479	1.27	cps
Neodymium	150-1	113	107	153	124	20.28	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	365904	366208	362519	364877	0.56	cps
Phosphorus	31-2	17	33	17	22	43.28	cps
Potassium	39-2	665595	653122	654813	657843	1.03	cps
Rhodium	103-1	4555795	4635636	4714715	4635382	1.71	cps
Rhodium	103-2	1771751	1758732	1774058	1768180	0.47	cps
Scandium	45-1	3479998	3494568	3546941	3507169	1.00	cps
Scandium	45-2	41090	40906	41692	41229	1.00	cps
Selenium	77-2	547	557	553	552	0.92	cps
Selenium	78-2	1724	1776	1689	1730	2.53	cps
Selenium	82-1	54796	55590	55916	55434	1.04	cps
Silicon	28-1	3476636	3474588	3479729	3476984	0.07	cps
Silver	109-1	3895961	3952131	4028691	3958928	1.68	cps
Silver	107-1	4160112	4174363	4232508	4188994	0.92	cps
Sodium	23-2	5175972	5132599	5171909	5160160	0.46	cps
Strontium	86-1	2088753	2109544	2122048	2106782	0.80	cps
Strontium	88-1	17603523	17844891	18104463	17850959	1.40	cps
Sulfur	34-1	319614	319291	316463	318456	0.54	cps
Terbium	159-1	5151672	5257163	5291253	5233363	1.39	cps
Terbium	159-2	1657407	1659499	1678472	1665126	0.70	cps
Thallium	203-1	2163813	2195828	2213002	2190881	1.14	cps
Thallium	205-1	5111373	5224275	5250137	5195261	1.42	cps
Tin	118-1	4637641	4656317	4695806	4663254	0.64	cps
Titanium	47-1	1007858	1017923	1015198	1013659	0.51	cps
Uranium	238-1	5923569	5974255	6142482	6013436	1.91	cps
Vanadium	51-2	434778	431423	434406	433536	0.42	cps
Yttrium	89-1	5267625	5335427	5315567	5306206	0.66	cps
Yttrium	89-2	251883	254338	258036	254752	1.22	cps
Zinc	66-2	198191	199083	197991	198422	0.29	cps
Zirconium	90-1	5743781	5867019	5855373	5822057	1.17	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MS	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:36:19	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1300407	1316760	1317014	1311393	0.73	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3934-01MSD Instrumnet Name : P8
 Client Sample ID : LOT-7051700-170626MS Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 13:39:19 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74755	73667	72100	73507	1.82	cps
Antimony	121-1	3803866	3802486	3840245	3815533	0.56	cps
Arsenic	75-2	76063	76743	76341	76382	0.45	cps
Barium	135-1	3755447	3789895	3783200	3776181	0.48	cps
Barium	137-1	6403242	6492900	6533928	6476690	1.03	cps
Beryllium	9-1	553190	546954	553602	551249	0.68	cps
Bismuth	209-1	2788056	2830809	2890037	2836301	1.81	cps
Bismuth	209-2	1190990	1200645	1195345	1195660	0.40	cps
Boron	11-1	614861	622303	625262	620808	0.86	cps
Boron	10-1	133903	132760	135442	134035	1.00	cps
Cadmium	106-1	89522	87249	89018	88596	1.35	cps
Cadmium	108-1	58665	59694	59656	59338	0.98	cps
Cadmium	111-1	849336	850547	851104	850329	0.11	cps
Calcium	43-1	1079205	1084608	1092356	1085389	0.61	cps
Calcium	44-1	17298596	17370692	17375318	17348202	0.25	cps
Chromium	52-2	630937	637523	637885	635448	0.62	cps
Cobalt	59-2	1249775	1250114	1251432	1250440	0.07	cps
Copper	63-2	2210529	2225985	2235155	2223890	0.56	cps
Dysprosium	156-1	67	167	108	114	44.11	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	2725	2992	2517	2745	8.68	cps
Erbium	164-2	950	833	880	888	6.61	cps
Gadolinium	160-1	417	250	292	319	27.15	cps
Gadolinium	160-2	80	63	87	77	15.68	cps
Holmium	165-1	4997222	5076803	5149061	5074362	1.50	cps
Holmium	165-2	1663181	1641193	1680239	1661538	1.18	cps
Indium	115-1	4717574	4683427	4709163	4703388	0.38	cps
Indium	115-2	315281	313822	313335	314146	0.32	cps
Iron	56-2	20724268	20667191	20607999	20666486	0.28	cps
Iron	57-2	517805	522822	520657	520428	0.48	cps
Lead	206-1	1797897	1811142	1794842	1801294	0.48	cps
Lead	207-1	1567356	1598591	1605746	1590564	1.28	cps
Lead	208-1	7174038	7292143	7314160	7260114	1.04	cps
Lithium	6-1	959095	964530	991371	971665	1.78	cps
Magnesium	24-2	2100473	2075676	2064120	2080090	0.89	cps
Manganese	55-2	335248	339626	336905	337260	0.66	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MSD	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:39:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5444977	5510404	5586733	5514038	1.29	cps
Molybdenum	94-1	4124224	4178212	4189839	4164092	0.84	cps
Molybdenum	95-1	3416894	3458534	3505853	3460427	1.29	cps
Molybdenum	96-1	4039092	4058460	4049857	4049136	0.24	cps
Molybdenum	97-1	2141284	2160439	2145491	2149071	0.47	cps
Neodymium	150-1	113	140	107	120	14.70	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	376077	376792	373565	375478	0.45	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	653092	653990	664426	657169	0.96	cps
Rhodium	103-1	4629499	4641981	4721499	4664326	1.07	cps
Rhodium	103-2	1761562	1768269	1741128	1756987	0.80	cps
Scandium	45-1	3463033	3497032	3531470	3497178	0.98	cps
Scandium	45-2	39592	41591	40535	40573	2.46	cps
Selenium	77-2	580	563	570	571	1.47	cps
Selenium	78-2	1854	1930	2008	1930	3.98	cps
Selenium	82-1	56790	56548	57056	56798	0.45	cps
Silicon	28-1	3526744	3532850	3556413	3538669	0.44	cps
Silver	109-1	4126886	4172331	4189137	4162784	0.77	cps
Silver	107-1	4364277	4448135	4422806	4411740	0.97	cps
Sodium	23-2	5259642	5208857	5238298	5235599	0.49	cps
Strontium	86-1	2147368	2151023	2164625	2154339	0.42	cps
Strontium	88-1	18382788	18366909	18487862	18412520	0.36	cps
Sulfur	34-1	303322	303808	302898	303343	0.15	cps
Terbium	159-1	5241707	5407207	5423283	5357399	1.88	cps
Terbium	159-2	1643666	1623168	1641758	1636197	0.69	cps
Thallium	203-1	2295957	2361068	2350178	2335734	1.49	cps
Thallium	205-1	5362967	5575230	5509738	5482645	1.98	cps
Tin	118-1	4810922	4829018	4901724	4847222	0.99	cps
Titanium	47-1	1023237	1035654	1038062	1032318	0.77	cps
Uranium	238-1	6269967	6434883	6517247	6407366	1.97	cps
Vanadium	51-2	442013	440374	438800	440396	0.36	cps
Yttrium	89-1	5271656	5272484	5324132	5289424	0.57	cps
Yttrium	89-2	251098	250167	251103	250789	0.22	cps
Zinc	66-2	201733	200401	199377	200504	0.59	cps
Zirconium	90-1	5992833	6012705	6150481	6052007	1.42	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01MSD	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626MS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:39:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1330752	1351388	1349313	1343818	0.85	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74086	71313	73750	73050	2.07	cps
Antimony	121-1	3750625	3847617	3864662	3820968	1.61	cps
Arsenic	75-2	75695	75728	76184	75869	0.36	cps
Barium	135-1	3773475	3834241	3808139	3805285	0.80	cps
Barium	137-1	6429208	6637121	6546261	6537530	1.59	cps
Beryllium	9-1	538216	545408	546743	543456	0.84	cps
Bismuth	209-1	2797919	2624184	2881505	2767870	4.74	cps
Bismuth	209-2	1196440	1197064	1210119	1201208	0.64	cps
Boron	11-1	602611	617610	623071	614431	1.72	cps
Boron	10-1	130625	132567	135325	132839	1.78	cps
Cadmium	106-1	87417	90361	87383	88387	1.93	cps
Cadmium	108-1	58435	59887	61239	59853	2.34	cps
Cadmium	111-1	843339	863337	861690	856122	1.30	cps
Calcium	43-1	1060120	1076853	1088808	1075260	1.34	cps
Calcium	44-1	16926368	17375215	17253281	17184955	1.35	cps
Chromium	52-2	630027	630264	633234	631175	0.28	cps
Cobalt	59-2	1248368	1256484	1249050	1251300	0.36	cps
Copper	63-2	2245540	2258907	2276883	2260443	0.70	cps
Dysprosium	156-1	75	58	58	64	15.05	cps
Dysprosium	156-2	30	13	17	20	44.10	cps
Erbium	164-1	2925	2742	2684	2784	4.53	cps
Erbium	164-2	827	857	830	838	1.96	cps
Gadolinium	160-1	425	375	350	383	9.96	cps
Gadolinium	160-2	63	100	60	74	29.81	cps
Holmium	165-1	5043735	4757916	5153633	4985095	4.10	cps
Holmium	165-2	1665533	1651277	1705470	1674093	1.68	cps
Indium	115-1	4695817	4295130	4757396	4582781	5.48	cps
Indium	115-2	312107	314518	320190	315605	1.31	cps
Iron	56-2	20559342	20751932	20656021	20655765	0.47	cps
Iron	57-2	518184	521780	519095	519686	0.36	cps
Lead	206-1	1809680	1838034	1819715	1822477	0.79	cps
Lead	207-1	1583294	1625142	1620503	1609646	1.43	cps
Lead	208-1	7264561	7386994	7370763	7340772	0.91	cps
Lithium	6-1	906392	888255	956402	917016	3.85	cps
Magnesium	24-2	2040814	2069121	2070149	2060028	0.81	cps
Manganese	55-2	335436	336399	338579	336805	0.48	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5412989	5591992	5519264	5508082	1.63	cps
Molybdenum	94-1	4114665	4232298	4220738	4189234	1.55	cps
Molybdenum	95-1	3424025	3600962	3506039	3510342	2.52	cps
Molybdenum	96-1	3996123	4113901	4087073	4065699	1.52	cps
Molybdenum	97-1	2138387	2148985	2152303	2146558	0.34	cps
Neodymium	150-1	120	153	100	124	21.65	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	374812	373745	375377	374645	0.22	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	658522	660394	653475	657464	0.54	cps
Rhodium	103-1	4550942	4216267	4695449	4487552	5.48	cps
Rhodium	103-2	1791947	1731320	1801118	1774795	2.14	cps
Scandium	45-1	3447699	3169408	3479912	3365673	5.07	cps
Scandium	45-2	40592	40391	40211	40398	0.47	cps
Selenium	77-2	597	597	597	597	0.00	cps
Selenium	78-2	1913	1804	1778	1832	3.92	cps
Selenium	82-1	56481	57314	56867	56887	0.73	cps
Silicon	28-1	3471208	3518149	3547370	3512242	1.09	cps
Silver	109-1	4101281	4183934	4165864	4150360	1.05	cps
Silver	107-1	4395183	4415077	4438825	4416362	0.49	cps
Sodium	23-2	5212441	5183943	5200893	5199093	0.28	cps
Strontium	86-1	2156166	2173547	2155692	2161802	0.47	cps
Strontium	88-1	18132418	18475297	18518223	18375313	1.15	cps
Sulfur	34-1	299940	296465	299264	298556	0.62	cps
Terbium	159-1	5382241	4903455	5461116	5248937	5.75	cps
Terbium	159-2	1687630	1676981	1675774	1680129	0.39	cps
Thallium	203-1	2332047	2389947	2361390	2361128	1.23	cps
Thallium	205-1	5491465	5596922	5589094	5559160	1.06	cps
Tin	118-1	4805606	4956614	4915815	4892678	1.60	cps
Titanium	47-1	1017145	1045102	1033968	1032072	1.36	cps
Uranium	238-1	6342175	6553034	6590911	6495373	2.06	cps
Vanadium	51-2	436317	437926	437904	437382	0.21	cps
Yttrium	89-1	5271410	4796741	5392940	5153697	6.11	cps
Yttrium	89-2	252875	251954	252508	252446	0.18	cps
Zinc	66-2	202246	201997	201558	201934	0.17	cps
Zirconium	90-1	5897474	6060198	6014860	5990844	1.40	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3934-01A	Instrumnet Name :	P8
Client Sample ID :	LOT-7051700-170626A	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:42:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1332768	1353057	1351814	1345880	0.84	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	58	64	15.05	cps
Antimony	121-1	600	567	583	583	2.86	cps
Arsenic	75-2	26	11	17	18	41.82	cps
Barium	135-1	108	117	150	125	17.64	cps
Barium	137-1	242	208	217	222	7.81	cps
Beryllium	9-1	117	117	150	128	15.06	cps
Bismuth	209-1	3440940	3418778	3402651	3420790	0.56	cps
Bismuth	209-2	1514909	1507420	1469712	1497347	1.62	cps
Boron	11-1	30383	27744	27419	28515	5.70	cps
Boron	10-1	6710	5976	5576	6088	9.45	cps
Cadmium	106-1	1784	1609	1734	1709	5.28	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Cadmium	111-1	1266	1139	1241	1215	5.52	cps
Calcium	43-1	8319	7594	7444	7786	6.01	cps
Calcium	44-1	86449	87716	87598	87254	0.80	cps
Chromium	52-2	1523	1493	1453	1490	2.36	cps
Cobalt	59-2	37	37	43	39	9.89	cps
Copper	63-2	840	823	797	820	2.67	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	67	100	92	86	20.15	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	6009238	6099332	5993647	6034072	0.95	cps
Holmium	165-2	2048366	2078906	2052045	2059773	0.81	cps
Indium	115-1	5883508	5836553	5845753	5855272	0.42	cps
Indium	115-2	406037	408657	407634	407443	0.32	cps
Iron	56-2	8898	9264	9442	9201	3.02	cps
Iron	57-2	283	239	261	261	8.51	cps
Lead	206-1	606	428	556	530	17.31	cps
Lead	207-1	533	583	478	532	9.94	cps
Lead	208-1	2283	2089	2028	2133	6.26	cps
Lithium	6-1	857369	857228	850476	855024	0.46	cps
Magnesium	24-2	258	175	225	219	19.11	cps
Manganese	55-2	103	87	97	96	8.78	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	208	192	200	200	4.17	cps
Molybdenum	94-1	250	233	317	267	16.53	cps
Molybdenum	95-1	192	92	67	117	56.70	cps
Molybdenum	96-1	183	175	183	181	2.67	cps
Molybdenum	97-1	300	333	225	286	19.39	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	77	67	69	10.08	cps
Phosphorus	31-2	17	17	33	22	43.30	cps
Potassium	39-2	4559	4693	4609	4620	1.46	cps
Rhodium	103-1	5950759	5853103	5891865	5898576	0.83	cps
Rhodium	103-2	2222574	2231413	2230611	2228200	0.22	cps
Scandium	45-1	4318527	4298084	4286433	4301015	0.38	cps
Scandium	45-2	48821	48721	48932	48824	0.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-139	-22	-4	-55	-133.28	cps
Silicon	28-1	399022	391664	389617	393434	1.26	cps
Silver	109-1	467	442	333	414	17.12	cps
Silver	107-1	483	375	333	397	19.49	cps
Sodium	23-2	8953	9979	9529	9487	5.42	cps
Strontium	86-1	2792	2842	2842	2825	1.02	cps
Strontium	88-1	1742	1925	1784	1817	5.29	cps
Sulfur	34-1	343604	346461	348107	346057	0.66	cps
Terbium	159-1	6374090	6489435	6338671	6400732	1.23	cps
Terbium	159-2	2081377	2098975	2087338	2089230	0.43	cps
Thallium	203-1	192	300	242	244	22.18	cps
Thallium	205-1	592	500	425	506	16.51	cps
Tin	118-1	1183	1283	1067	1178	9.21	cps
Titanium	47-1	267	217	275	253	12.48	cps
Uranium	238-1	108	58	92	86	29.56	cps
Vanadium	51-2	20	27	17	21	24.12	cps
Yttrium	89-1	6602339	6395915	6454147	6484134	1.64	cps
Yttrium	89-2	311213	312567	309801	311194	0.44	cps
Zinc	66-2	1303	1220	1120	1215	7.56	cps
Zirconium	90-1	408	450	517	458	11.92	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3876-03	Instrumnet Name :	P8
Client Sample ID :	CAN-FB062217	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:45:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	83	100	103	20.40	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424381	420630	419509	421507	0.61	cps
Antimony	121-1	4081746	4068158	4058293	4069399	0.29	cps
Arsenic	75-2	80289	79789	80626	80235	0.52	cps
Barium	135-1	4083303	4045836	3991829	4040323	1.14	cps
Barium	137-1	6994982	6953651	6866798	6938477	0.94	cps
Beryllium	9-1	663134	667151	667150	665812	0.35	cps
Bismuth	209-1	3111097	3126023	3147766	3128295	0.59	cps
Bismuth	209-2	1385423	1363952	1367134	1372169	0.84	cps
Boron	11-1	386157	393310	396029	391832	1.30	cps
Boron	10-1	82898	84297	85219	84138	1.39	cps
Cadmium	106-1	93297	93834	93582	93571	0.29	cps
Cadmium	108-1	63244	63264	64404	63637	1.04	cps
Cadmium	111-1	905883	906465	901060	904469	0.33	cps
Calcium	43-1	5598534	5556644	5584619	5579933	0.38	cps
Calcium	44-1	89943010	89874556	90623756	90147108	0.46	cps
Chromium	52-2	668199	664897	664452	665849	0.31	cps
Cobalt	59-2	1287033	1279721	1288088	1284947	0.35	cps
Copper	63-2	2240325	2239028	2246060	2241804	0.17	cps
Dysprosium	156-1	92	142	142	125	23.09	cps
Dysprosium	156-2	27	7	23	19	56.72	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	117	92	83	97	17.84	cps
Gadolinium	160-2	37	57	27	40	38.18	cps
Holmium	165-1	5740020	5646993	5697640	5694884	0.82	cps
Holmium	165-2	1979629	2001634	2015635	1998966	0.91	cps
Indium	115-1	5348488	5367798	5308792	5341693	0.56	cps
Indium	115-2	372120	371820	372306	372082	0.07	cps
Iron	56-2	109434636	108856033	108253233	108847967	0.54	cps
Iron	57-2	2798835	2770116	2806139	2791697	0.68	cps
Lead	206-1	1905983	1903216	1923358	1910852	0.57	cps
Lead	207-1	1678364	1709131	1726354	1704616	1.43	cps
Lead	208-1	7631845	7671558	7722930	7675444	0.59	cps
Lithium	6-1	801324	816921	805307	807851	1.00	cps
Magnesium	24-2	10652408	10442526	10617390	10570775	1.06	cps
Manganese	55-2	372035	374710	375015	373920	0.44	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3042868	3075024	3030426	3049439	0.75	cps
Molybdenum	94-1	3518946	3571128	3535061	3541712	0.75	cps
Molybdenum	95-1	1936696	1948666	1967964	1951109	0.81	cps
Molybdenum	96-1	2485708	2504010	2423114	2470944	1.72	cps
Molybdenum	97-1	1166099	1175452	1163771	1168441	0.53	cps
Neodymium	150-1	147	153	207	169	19.47	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	378529	379713	379830	379357	0.19	cps
Phosphorus	31-2	6894	7377	7386	7219	3.90	cps
Potassium	39-2	3601193	3524726	3528388	3551436	1.21	cps
Rhodium	103-1	5107930	5204251	5173754	5161978	0.95	cps
Rhodium	103-2	1929094	1927967	1940133	1932398	0.35	cps
Scandium	45-1	3971954	4023108	4025830	4006964	0.76	cps
Scandium	45-2	46049	46249	46483	46260	0.47	cps
Selenium	77-2	560	507	630	566	10.94	cps
Selenium	78-2	2117	2126	1956	2066	4.64	cps
Selenium	82-1	60840	61132	60951	60974	0.24	cps
Silicon	28-1	2507703	2550175	2543080	2533653	0.90	cps
Silver	109-1	4364673	4338903	4315037	4339538	0.57	cps
Silver	107-1	4542862	4587722	4548340	4559641	0.54	cps
Sodium	23-2	27101808	26916235	26833802	26950615	0.51	cps
Strontium	86-1	1224396	1228305	1233168	1228623	0.36	cps
Strontium	88-1	10465022	10576733	10505742	10515832	0.54	cps
Sulfur	34-1	727561	721150	720985	723232	0.52	cps
Terbium	159-1	6049179	6032937	6047607	6043241	0.15	cps
Terbium	159-2	1997305	1991479	1961243	1983342	0.98	cps
Thallium	203-1	2384295	2431798	2394466	2403520	1.04	cps
Thallium	205-1	5635524	5647343	5573019	5618629	0.71	cps
Tin	118-1	2823882	2818727	2821401	2821337	0.09	cps
Titanium	47-1	575382	573937	581487	576935	0.69	cps
Uranium	238-1	6926519	6953946	6945927	6942130	0.20	cps
Vanadium	51-2	473640	471604	472754	472666	0.22	cps
Yttrium	89-1	6085042	6027667	6120062	6077590	0.77	cps
Yttrium	89-2	294415	294586	293621	294207	0.18	cps
Zinc	66-2	215325	214707	216630	215554	0.46	cps
Zirconium	90-1	6690485	6675813	6602213	6656171	0.71	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:48:29	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1500427	1502413	1506885	1503241	0.22	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:56:55	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	350	283	308	314	10.73	cps
Arsenic	75-2	7	9	7	8	13.31	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	42	50	8	33	66.15	cps
Beryllium	9-1	89	111	83	94	15.56	cps
Bismuth	209-1	3689250	3700098	3634558	3674635	0.96	cps
Bismuth	209-2	1616917	1613387	1618126	1616143	0.15	cps
Boron	11-1	9895	9554	9562	9670	2.02	cps
Boron	10-1	2284	2367	2175	2275	4.23	cps
Cadmium	106-1	1592	1775	1625	1664	5.87	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Cadmium	111-1	1120	1248	1129	1165	6.12	cps
Calcium	43-1	7394	7461	7761	7539	2.59	cps
Calcium	44-1	80188	79744	79030	79654	0.73	cps
Chromium	52-2	947	943	1037	976	5.43	cps
Cobalt	59-2	30	33	23	29	17.63	cps
Copper	63-2	557	630	530	572	9.05	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	108	83	67	86	24.35	cps
Gadolinium	160-2	10	10	27	16	61.87	cps
Holmium	165-1	6449120	6416760	6333539	6399806	0.93	cps
Holmium	165-2	2216279	2257342	2250498	2241373	0.98	cps
Indium	115-1	6229124	6231920	6164550	6208531	0.61	cps
Indium	115-2	438279	434027	433745	435351	0.58	cps
Iron	56-2	3878	3673	3917	3823	3.44	cps
Iron	57-2	144	172	144	154	10.43	cps
Lead	206-1	528	517	578	541	6.02	cps
Lead	207-1	522	539	522	528	1.82	cps
Lead	208-1	2250	2189	2411	2283	5.03	cps
Lithium	6-1	980573	989055	965129	978252	1.24	cps
Magnesium	24-2	83	50	125	86	43.64	cps
Manganese	55-2	83	67	70	73	12.02	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:56:55	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25	17	25	22	21.64	cps
Molybdenum	94-1	200	233	125	186	29.81	cps
Molybdenum	95-1	17	42	25	28	45.82	cps
Molybdenum	96-1	100	100	100	100	0.01	cps
Molybdenum	97-1	125	150	100	125	20.00	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	73	47	56	27.71	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	4784	5051	4876	4904	2.76	cps
Rhodium	103-1	6312278	6209549	6218639	6246822	0.91	cps
Rhodium	103-2	2316955	2329083	2339440	2328493	0.48	cps
Scandium	45-1	4623888	4635753	4634818	4631486	0.14	cps
Scandium	45-2	52264	52043	52143	52150	0.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	-46	-47	-78	-57	-31.55	cps
Silicon	28-1	379926	380305	379487	379906	0.11	cps
Silver	109-1	192	200	250	214	14.75	cps
Silver	107-1	392	333	267	331	18.92	cps
Sodium	23-2	10579	10171	9979	10243	2.99	cps
Strontium	86-1	2592	2525	2517	2545	1.62	cps
Strontium	88-1	117	150	100	122	20.83	cps
Sulfur	34-1	375095	377653	379695	377481	0.61	cps
Terbium	159-1	6785382	6760072	6834651	6793368	0.56	cps
Terbium	159-2	2211804	2222705	2229535	2221348	0.40	cps
Thallium	203-1	158	200	208	189	14.18	cps
Thallium	205-1	375	358	292	342	12.91	cps
Tin	118-1	1092	1292	1342	1242	10.65	cps
Titanium	47-1	267	133	158	186	38.08	cps
Uranium	238-1	58	42	83	61	34.32	cps
Vanadium	51-2	30	23	10	21	48.24	cps
Yttrium	89-1	7057876	7003616	6913232	6991574	1.05	cps
Yttrium	89-2	334462	331006	331956	332475	0.54	cps
Zinc	66-2	50	70	37	52	32.12	cps
Zirconium	90-1	583	658	533	592	10.63	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 13:56:55	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	75	158	106	43.48	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	67	56	22.91	cps
Antimony	121-1	475	483	675	544	20.78	cps
Arsenic	75-2	13	31	26	23	40.52	cps
Barium	135-1	375	342	408	375	8.89	cps
Barium	137-1	608	475	483	522	14.30	cps
Beryllium	9-1	100	78	100	93	13.85	cps
Bismuth	209-1	3388420	3427297	3368082	3394600	0.89	cps
Bismuth	209-2	1519245	1505917	1515002	1513388	0.45	cps
Boron	11-1	15083	14817	14658	14853	1.45	cps
Boron	10-1	2934	3309	3075	3106	6.10	cps
Cadmium	106-1	1292	1333	1392	1339	3.75	cps
Cadmium	108-1	0	0	29	10	173.21	cps
Cadmium	111-1	954	942	962	953	1.08	cps
Calcium	43-1	10171	9654	9287	9704	4.58	cps
Calcium	44-1	116010	117824	112456	115430	2.37	cps
Chromium	52-2	1400	1463	1557	1473	5.35	cps
Cobalt	59-2	93	43	70	69	36.32	cps
Copper	63-2	3190	3090	2930	3070	4.27	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	3	20	3	9	108.30	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	17	20	33	23	37.78	cps
Holmium	165-1	5973182	5896228	5921344	5930251	0.66	cps
Holmium	165-2	2071548	2101256	2115886	2096230	1.08	cps
Indium	115-1	5705913	5807285	5769596	5760931	0.89	cps
Indium	115-2	410952	413844	407277	410691	0.80	cps
Iron	56-2	10606	10098	10187	10297	2.63	cps
Iron	57-2	261	322	256	280	13.23	cps
Lead	206-1	900	917	783	867	8.38	cps
Lead	207-1	567	733	639	646	12.93	cps
Lead	208-1	3022	3367	2884	3091	8.05	cps
Lithium	6-1	918285	893206	906362	905951	1.38	cps
Magnesium	24-2	425	317	458	400	18.52	cps
Manganese	55-2	443	420	440	434	2.91	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	92	58	83	78	22.30	cps
Molybdenum	94-1	217	208	242	222	7.81	cps
Molybdenum	95-1	50	75	42	56	31.22	cps
Molybdenum	96-1	125	100	100	108	13.32	cps
Molybdenum	97-1	158	150	108	139	19.29	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	310	293	240	281	13.01	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	6118	6644	6418	6393	4.12	cps
Rhodium	103-1	5812921	5875176	5790482	5826193	0.75	cps
Rhodium	103-2	2171408	2212388	2200114	2194637	0.96	cps
Scandium	45-1	4254305	4335243	4275332	4288293	0.98	cps
Scandium	45-2	48988	48975	48932	48965	0.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	2	13	7	75.00	cps
Selenium	82-1	-137	-11	-72	-73	-86.61	cps
Silicon	28-1	1984923	1996531	1991272	1990908	0.29	cps
Silver	109-1	358	167	175	233	46.43	cps
Silver	107-1	333	258	242	278	17.58	cps
Sodium	23-2	14183	13632	14241	14019	2.40	cps
Strontium	86-1	3551	3259	3659	3489	5.93	cps
Strontium	88-1	7828	8386	7703	7972	4.57	cps
Sulfur	34-1	383686	389292	385917	386298	0.73	cps
Terbium	159-1	6375374	6267790	6257206	6300123	1.04	cps
Terbium	159-2	2090503	2076340	2100633	2089158	0.58	cps
Thallium	203-1	158	200	158	172	13.97	cps
Thallium	205-1	275	367	333	325	14.28	cps
Tin	118-1	625	842	683	717	15.64	cps
Titanium	47-1	358	267	367	331	16.78	cps
Uranium	238-1	125	92	75	97	26.19	cps
Vanadium	51-2	43	23	27	31	34.44	cps
Yttrium	89-1	6574356	6433626	6334637	6447540	1.87	cps
Yttrium	89-2	312319	313698	313195	313071	0.22	cps
Zinc	66-2	1867	1947	1944	1919	2.36	cps
Zirconium	90-1	492	550	558	533	6.81	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P8
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:00:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	167	108	106	59.25	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4957753	4896729	4869184	4907889	0.92	cps
Antimony	121-1	103079	102190	101979	102416	0.57	cps
Arsenic	75-2	75127	74023	74786	74645	0.76	cps
Barium	135-1	8208234	8171673	8084944	8154950	0.78	cps
Barium	137-1	14176806	14076472	13950074	14067784	0.81	cps
Beryllium	9-1	44703	42820	42341	43288	2.89	cps
Bismuth	209-1	2461177	2467440	2469784	2466133	0.18	cps
Bismuth	209-2	996791	983957	988227	989658	0.66	cps
Boron	11-1	135225	129589	129574	131463	2.48	cps
Boron	10-1	29122	28095	27435	28218	3.01	cps
Cadmium	106-1	13190	12923	12606	12907	2.27	cps
Cadmium	108-1	4930	4426	4367	4574	6.76	cps
Cadmium	111-1	56891	57384	57546	57274	0.59	cps
Calcium	43-1	10654330	10482580	10362948	10499952	1.39	cps
Calcium	44-1	171819700	169577462	168991129	170129430	0.88	cps
Chromium	52-2	2485623	2483344	2440593	2469853	1.03	cps
Cobalt	59-2	1794594	1789365	1795920	1793293	0.19	cps
Copper	63-2	9996123	9948261	9981386	9975257	0.25	cps
Dysprosium	156-1	1279601	1287307	1290349	1285752	0.43	cps
Dysprosium	156-2	436101	434290	433643	434678	0.29	cps
Erbium	164-1	1258768	1254536	1245973	1253092	0.52	cps
Erbium	164-2	376406	370762	371748	372972	0.81	cps
Gadolinium	160-1	1260277	1235597	1248992	1248288	0.99	cps
Gadolinium	160-2	523327	515726	513817	517623	0.97	cps
Holmium	165-1	5378292	5339810	5326286	5348129	0.50	cps
Holmium	165-2	1738060	1695408	1693240	1708903	1.48	cps
Indium	115-1	4385763	4299585	4279928	4321759	1.30	cps
Indium	115-2	279959	275656	275460	277025	0.92	cps
Iron	56-2	1176564915	1167741226	1169854515	1171386885	0.39	cps
Iron	57-2	29096872	29061404	29300496	29152924	0.44	cps
Lead	206-1	27970711	27894853	28003970	27956512	0.20	cps
Lead	207-1	23600567	23516829	23377955	23498450	0.48	cps
Lead	208-1	109356243	108015855	108889607	108753902	0.63	cps
Lithium	6-1	708828	692698	709032	703519	1.33	cps
Magnesium	24-2	7214201	7290400	7232499	7245700	0.55	cps
Manganese	55-2	14204485	14049466	14058304	14104085	0.62	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	584102	578892	582350	581781	0.46	cps
Molybdenum	94-1	447559	438704	436801	441022	1.30	cps
Molybdenum	95-1	365720	367423	366292	366478	0.24	cps
Molybdenum	96-1	436130	439409	433597	436379	0.67	cps
Molybdenum	97-1	227023	228658	225027	226903	0.80	cps
Neodymium	150-1	1763884	1743246	1752649	1753260	0.59	cps
Neodymium	150-2	349901	343615	342696	345404	1.14	cps
Nickel	60-2	1503847	1487779	1498662	1496763	0.55	cps
Phosphorus	31-2	23437	21893	21325	22218	4.92	cps
Potassium	39-2	1895607	1853034	1886315	1878319	1.19	cps
Rhodium	103-1	4081226	3980480	4009765	4023824	1.29	cps
Rhodium	103-2	1535029	1473472	1482399	1496967	2.22	cps
Scandium	45-1	8274048	8234905	8177209	8228720	0.59	cps
Scandium	45-2	94864	93928	94347	94379	0.50	cps
Selenium	77-2	2257	2437	2324	2339	3.89	cps
Selenium	78-2	1420	1530	1430	1460	4.15	cps
Selenium	82-1	5642	5234	5285	5387	4.13	cps
Silicon	28-1	473821344	466808377	462390444	467673388	1.23	cps
Silver	109-1	81522	83451	84080	83017	1.61	cps
Silver	107-1	86888	88189	88691	87923	1.06	cps
Sodium	23-2	61539560	61157420	60612266	61103082	0.76	cps
Strontium	86-1	4397916	4329525	4361840	4363094	0.78	cps
Strontium	88-1	38194729	37353265	37642420	37730138	1.13	cps
Sulfur	34-1	1075087	1065209	1052751	1064349	1.05	cps
Terbium	159-1	5593201	5511813	5548748	5551254	0.73	cps
Terbium	159-2	1679932	1677338	1636427	1664566	1.47	cps
Thallium	203-1	42121	42873	43994	42996	2.19	cps
Thallium	205-1	102254	100775	102724	101918	1.00	cps
Tin	118-1	3395126	3360609	3389391	3381708	0.55	cps
Titanium	47-1	20798492	20536363	20400440	20578432	0.98	cps
Uranium	238-1	714363	708097	705228	709229	0.66	cps
Vanadium	51-2	1886922	1879837	1865062	1877274	0.59	cps
Yttrium	89-1	28420914	27556688	28057013	28011538	1.55	cps
Yttrium	89-2	1326228	1312652	1315344	1318075	0.55	cps
Zinc	66-2	2329624	2249685	2284319	2287876	1.75	cps
Zirconium	90-1	645744	630867	641454	639355	1.20	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:03:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	143912	141133	142531	142525	0.97	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475340	1510270	1487238	1490950	1.19	cps
Antimony	121-1	75949	75271	74358	75193	1.06	cps
Arsenic	75-2	23502	23400	23338	23413	0.35	cps
Barium	135-1	3941780	3952917	3864808	3919835	1.22	cps
Barium	137-1	6806788	6772073	6697911	6758924	0.82	cps
Beryllium	9-1	16215	15620	15692	15842	2.05	cps
Bismuth	209-1	2385912	2404093	2371364	2387123	0.69	cps
Bismuth	209-2	948456	947396	944976	946943	0.19	cps
Boron	11-1	68816	68582	67778	68392	0.80	cps
Boron	10-1	14491	14875	14666	14678	1.31	cps
Cadmium	106-1	6410	6744	6318	6491	3.45	cps
Cadmium	108-1	2067	2225	2250	2181	4.56	cps
Cadmium	111-1	29746	29226	28740	29237	1.72	cps
Calcium	43-1	6811487	6788162	6799923	6799857	0.17	cps
Calcium	44-1	110245140	110265507	109168748	109893132	0.57	cps
Chromium	52-2	691516	693199	687198	690637	0.45	cps
Cobalt	59-2	713151	713488	711480	712706	0.15	cps
Copper	63-2	3659542	3621262	3570589	3617131	1.23	cps
Dysprosium	156-1	478163	475458	474205	475942	0.42	cps
Dysprosium	156-2	161144	162826	161941	161970	0.52	cps
Erbium	164-1	465952	471246	471915	469704	0.70	cps
Erbium	164-2	139228	137904	139207	138780	0.55	cps
Gadolinium	160-1	467115	464069	467500	466228	0.40	cps
Gadolinium	160-2	191472	193224	192841	192512	0.48	cps
Holmium	165-1	4798117	4813932	4772338	4794796	0.44	cps
Holmium	165-2	1468635	1472988	1468190	1469938	0.18	cps
Indium	115-1	4269359	4257791	4245402	4257517	0.28	cps
Indium	115-2	281224	275431	280317	278991	1.12	cps
Iron	56-2	362122397	363817108	362253197	362730901	0.26	cps
Iron	57-2	8962138	9232847	9019433	9071473	1.57	cps
Lead	206-1	10009657	10099051	10058024	10055577	0.44	cps
Lead	207-1	8573305	8540473	8407959	8507245	1.03	cps
Lead	208-1	39676514	39500177	38835169	39337287	1.13	cps
Lithium	6-1	644875	645551	641073	643833	0.37	cps
Magnesium	24-2	2817307	2825117	2830871	2824432	0.24	cps
Manganese	55-2	6811836	6828388	6770416	6803547	0.44	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	189839	189753	189255	189616	0.17	cps
Molybdenum	94-1	127512	129303	126981	127932	0.95	cps
Molybdenum	95-1	118750	119860	119616	119408	0.49	cps
Molybdenum	96-1	140041	140766	139950	140252	0.32	cps
Molybdenum	97-1	75359	74237	74103	74566	0.93	cps
Neodymium	150-1	600319	596270	590189	595593	0.86	cps
Neodymium	150-2	122397	119467	120923	120929	1.21	cps
Nickel	60-2	490976	489415	489548	489980	0.18	cps
Phosphorus	31-2	6285	6102	6252	6213	1.57	cps
Potassium	39-2	769867	774199	774380	772815	0.33	cps
Rhodium	103-1	4061271	4101452	4045334	4069352	0.71	cps
Rhodium	103-2	1509645	1521974	1527870	1519830	0.61	cps
Scandium	45-1	4564122	4604956	4604716	4591265	0.51	cps
Scandium	45-2	53880	52394	52933	53069	1.42	cps
Selenium	77-2	787	810	820	806	2.12	cps
Selenium	78-2	506	472	506	494	3.89	cps
Selenium	82-1	1653	1579	1549	1594	3.36	cps
Silicon	28-1	246646414	245732580	245607405	245995467	0.23	cps
Silver	109-1	24281	23956	23405	23880	1.86	cps
Silver	107-1	25508	25199	24949	25219	1.11	cps
Sodium	23-2	61158362	60689195	60822795	60890117	0.40	cps
Strontium	86-1	2866166	2869581	2837829	2857858	0.61	cps
Strontium	88-1	24353804	24509080	24291655	24384846	0.46	cps
Sulfur	34-1	556115	552300	550736	553050	0.50	cps
Terbium	159-1	5069686	5102215	5042306	5071402	0.59	cps
Terbium	159-2	1444163	1461077	1461290	1455510	0.68	cps
Thallium	203-1	15669	14935	15076	15226	2.56	cps
Thallium	205-1	35985	37239	36888	36704	1.76	cps
Tin	118-1	957885	964795	950454	957711	0.75	cps
Titanium	47-1	6053154	5987448	5968421	6003008	0.74	cps
Uranium	238-1	219221	222359	218317	219966	0.96	cps
Vanadium	51-2	608905	610757	605471	608378	0.44	cps
Yttrium	89-1	14287185	14300589	14343337	14310370	0.20	cps
Yttrium	89-2	677271	679724	675414	677470	0.32	cps
Zinc	66-2	983392	982107	983583	983027	0.08	cps
Zirconium	90-1	165984	167756	165866	166535	0.64	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:06:13	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	36901	36066	37502	36823	1.96	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656874	2681344	2681320	2673179	0.53	cps
Antimony	121-1	55750	56253	56320	56108	0.55	cps
Arsenic	75-2	40578	40843	41720	41047	1.46	cps
Barium	135-1	4538557	4577878	4537252	4551229	0.51	cps
Barium	137-1	7785485	7811819	7773033	7790113	0.25	cps
Beryllium	9-1	22073	21305	21222	21533	2.18	cps
Bismuth	209-1	2701806	2636946	2638523	2659092	1.39	cps
Bismuth	209-2	1022004	1012065	1036560	1023543	1.20	cps
Boron	11-1	68447	67895	66237	67527	1.70	cps
Boron	10-1	15284	15008	13899	14730	4.98	cps
Cadmium	106-1	7436	7202	7694	7444	3.31	cps
Cadmium	108-1	2746	2546	2575	2623	4.12	cps
Cadmium	111-1	31634	32228	32865	32242	1.91	cps
Calcium	43-1	5859855	5701364	5657839	5739686	1.85	cps
Calcium	44-1	93329446	92742494	91985423	92685787	0.73	cps
Chromium	52-2	1319433	1311299	1367612	1332781	2.28	cps
Cobalt	59-2	964650	954151	962477	960426	0.58	cps
Copper	63-2	5611157	5603503	5659528	5624729	0.54	cps
Dysprosium	156-1	712111	709153	709316	710193	0.23	cps
Dysprosium	156-2	235265	234296	235712	235091	0.31	cps
Erbium	164-1	686216	675860	678747	680274	0.79	cps
Erbium	164-2	197639	196644	197628	197304	0.29	cps
Gadolinium	160-1	699692	685825	683454	689657	1.27	cps
Gadolinium	160-2	281742	276937	279603	279427	0.86	cps
Holmium	165-1	5370182	5374563	5330947	5358564	0.45	cps
Holmium	165-2	1655036	1614447	1615110	1628198	1.43	cps
Indium	115-1	4565266	4607030	4545350	4572549	0.69	cps
Indium	115-2	294914	293131	297527	295190	0.75	cps
Iron	56-2	646355792	638567170	642669237	642530733	0.61	cps
Iron	57-2	16265742	15799497	16037070	16034103	1.45	cps
Lead	206-1	15819953	15675661	15814992	15770202	0.52	cps
Lead	207-1	13256384	13210112	13139010	13201836	0.45	cps
Lead	208-1	61610614	61205711	61631504	61482609	0.39	cps
Lithium	6-1	596802	598571	582313	592562	1.51	cps
Magnesium	24-2	4013146	3934593	3975765	3974501	0.99	cps
Manganese	55-2	7733896	7643407	7575962	7651088	1.04	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	318380	320874	315109	318121	0.91	cps
Molybdenum	94-1	242984	238637	241096	240905	0.90	cps
Molybdenum	95-1	203235	201637	204385	203086	0.68	cps
Molybdenum	96-1	243909	237844	237067	239607	1.56	cps
Molybdenum	97-1	125359	126679	122602	124880	1.67	cps
Neodymium	150-1	935154	939053	930518	934908	0.46	cps
Neodymium	150-2	186317	186273	184833	185807	0.45	cps
Nickel	60-2	823555	813810	816934	818099	0.61	cps
Phosphorus	31-2	11872	12172	12523	12189	2.67	cps
Potassium	39-2	994656	996493	1007947	999699	0.72	cps
Rhodium	103-1	4428874	4442316	4353729	4408306	1.08	cps
Rhodium	103-2	1671264	1659598	1684968	1671943	0.76	cps
Scandium	45-1	6185020	6133926	6063531	6127492	1.00	cps
Scandium	45-2	69779	70291	70824	70298	0.74	cps
Selenium	77-2	1393	1297	1250	1313	5.57	cps
Selenium	78-2	724	746	713	728	2.33	cps
Selenium	82-1	2669	2796	2810	2758	2.82	cps
Silicon	28-1	248940181	244832664	246137914	246636919	0.85	cps
Silver	109-1	47259	47452	46055	46922	1.61	cps
Silver	107-1	49174	47192	49057	48475	2.29	cps
Sodium	23-2	33283302	33040218	33547562	33290361	0.76	cps
Strontium	86-1	2452517	2404331	2443397	2433415	1.05	cps
Strontium	88-1	20703237	20739716	20781963	20741639	0.19	cps
Sulfur	34-1	798693	784244	777933	786957	1.35	cps
Terbium	159-1	5671157	5611292	5603387	5628612	0.66	cps
Terbium	159-2	1649315	1623808	1628980	1634035	0.83	cps
Thallium	203-1	23773	24040	23823	23879	0.59	cps
Thallium	205-1	57046	56879	56687	56871	0.32	cps
Tin	118-1	1868513	1862881	1866886	1866093	0.16	cps
Titanium	47-1	11086782	10958231	11008076	11017696	0.59	cps
Uranium	238-1	395912	389466	388579	391319	1.02	cps
Vanadium	51-2	998656	1001896	1016331	1005628	0.94	cps
Yttrium	89-1	17972816	17729795	17761099	17821237	0.74	cps
Yttrium	89-2	825320	825859	836710	829296	0.77	cps
Zinc	66-2	1239685	1233320	1245580	1239528	0.49	cps
Zirconium	90-1	348078	343697	343112	344962	0.79	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:09:20	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	76843	76733	77388	76988	0.46	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	784793	795508	786245	788849	0.74	cps
Antimony	121-1	41884	41265	40487	41212	1.70	cps
Arsenic	75-2	12265	12860	12763	12629	2.53	cps
Barium	135-1	2150756	2161648	2174932	2162445	0.56	cps
Barium	137-1	3717965	3712799	3733340	3721368	0.29	cps
Beryllium	9-1	8875	8275	8197	8449	4.39	cps
Bismuth	209-1	2561501	2540718	2563097	2555105	0.49	cps
Bismuth	209-2	986568	994581	996807	992652	0.54	cps
Boron	11-1	37701	37099	36180	36993	2.07	cps
Boron	10-1	8361	7694	7969	8008	4.19	cps
Cadmium	106-1	3967	3884	3784	3879	2.37	cps
Cadmium	108-1	1142	1188	1213	1181	3.04	cps
Cadmium	111-1	16832	16204	16049	16362	2.53	cps
Calcium	43-1	3718450	3689112	3719872	3709145	0.47	cps
Calcium	44-1	60081726	60430678	59480658	59997687	0.80	cps
Chromium	52-2	371829	371709	371630	371723	0.03	cps
Cobalt	59-2	385600	387806	385897	386434	0.31	cps
Copper	63-2	2020033	2011587	2001573	2011064	0.46	cps
Dysprosium	156-1	256144	255568	258279	256664	0.56	cps
Dysprosium	156-2	86738	85641	84980	85786	1.03	cps
Erbium	164-1	250270	252504	251626	251467	0.45	cps
Erbium	164-2	73003	73637	74012	73551	0.69	cps
Gadolinium	160-1	251248	243200	248509	247652	1.65	cps
Gadolinium	160-2	102162	102969	101403	102178	0.77	cps
Holmium	165-1	4997255	4952483	5055889	5001876	1.04	cps
Holmium	165-2	1493920	1495543	1504607	1498023	0.38	cps
Indium	115-1	4500578	4548150	4504513	4517747	0.58	cps
Indium	115-2	295020	298956	297806	297261	0.68	cps
Iron	56-2	195562204	198021760	196506593	196696853	0.63	cps
Iron	57-2	4874952	4954350	4984599	4937967	1.15	cps
Lead	206-1	5629129	5608847	5595976	5611317	0.30	cps
Lead	207-1	4729519	4702089	4656464	4696024	0.79	cps
Lead	208-1	21696965	21603294	21665248	21655169	0.22	cps
Lithium	6-1	546856	546227	540984	544689	0.59	cps
Magnesium	24-2	1551805	1566498	1557624	1558643	0.47	cps
Manganese	55-2	3700897	3690398	3669389	3686895	0.44	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	102822	103863	101428	102704	1.19	cps
Molybdenum	94-1	69646	69597	70207	69817	0.49	cps
Molybdenum	95-1	63717	64688	65316	64574	1.25	cps
Molybdenum	96-1	76709	73064	76071	75281	2.59	cps
Molybdenum	97-1	39709	40194	39877	39927	0.62	cps
Neodymium	150-1	323191	322962	321769	322641	0.24	cps
Neodymium	150-2	63707	64625	63653	63995	0.85	cps
Nickel	60-2	271723	268004	268060	269263	0.79	cps
Phosphorus	31-2	3367	3617	3784	3590	5.84	cps
Potassium	39-2	417102	424375	425076	422184	1.05	cps
Rhodium	103-1	4464494	4485295	4468867	4472885	0.25	cps
Rhodium	103-2	1693815	1688371	1673777	1685321	0.61	cps
Scandium	45-1	4180485	4194282	4187156	4187308	0.16	cps
Scandium	45-2	48095	48972	48624	48564	0.91	cps
Selenium	77-2	467	517	497	493	5.10	cps
Selenium	78-2	287	293	296	292	1.60	cps
Selenium	82-1	1018	969	773	920	14.10	cps
Silicon	28-1	134495145	133436570	134542528	134158081	0.47	cps
Silver	109-1	13190	13082	13574	13282	1.95	cps
Silver	107-1	14141	14333	13999	14158	1.18	cps
Sodium	23-2	33251022	33423918	33017608	33230849	0.61	cps
Strontium	86-1	1587314	1581014	1531897	1566742	1.94	cps
Strontium	88-1	13518566	13433244	13030551	13327454	1.96	cps
Sulfur	34-1	399537	399807	394771	398038	0.71	cps
Terbium	159-1	5299911	5198118	5300686	5266238	1.12	cps
Terbium	159-2	1499024	1490854	1494007	1494629	0.28	cps
Thallium	203-1	9045	7861	8904	8603	7.52	cps
Thallium	205-1	19875	20000	19875	19916	0.36	cps
Tin	118-1	515465	514805	515738	515336	0.09	cps
Titanium	47-1	3282045	3319016	3264245	3288435	0.85	cps
Uranium	238-1	119545	118992	117453	118663	0.91	cps
Vanadium	51-2	328724	329655	325096	327825	0.73	cps
Yttrium	89-1	10425734	10438429	10269805	10377989	0.90	cps
Yttrium	89-2	480213	488625	486686	485175	0.91	cps
Zinc	66-2	544919	544758	543227	544302	0.17	cps
Zirconium	90-1	88763	91819	88529	89704	2.05	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DLX2	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL	Dilution Factor :	2
Date & Time Acquired ::	2017-06-30 14:12:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	19999	19323	19799	19707	1.76	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321285	321892	321633	321603	0.09	cps
Antimony	121-1	7311	7161	7261	7244	1.05	cps
Arsenic	75-2	4994	5103	4814	4970	2.94	cps
Barium	135-1	546325	546529	541053	544636	0.57	cps
Barium	137-1	954721	948266	935727	946238	1.02	cps
Beryllium	9-1	3012	3000	2956	2989	0.98	cps
Bismuth	209-1	3396988	3362382	3363822	3374397	0.58	cps
Bismuth	209-2	1381147	1361695	1370295	1371045	0.71	cps
Boron	11-1	12231	12773	12289	12431	2.39	cps
Boron	10-1	2759	2484	2867	2703	7.31	cps
Cadmium	106-1	2125	2259	2150	2178	3.25	cps
Cadmium	108-1	354	350	329	344	3.89	cps
Cadmium	111-1	5199	5007	5009	5072	2.17	cps
Calcium	43-1	701465	694074	698191	697910	0.53	cps
Calcium	44-1	11370063	11243003	11314937	11309334	0.56	cps
Chromium	52-2	158563	159686	160764	159671	0.69	cps
Cobalt	59-2	118210	116966	118478	117885	0.68	cps
Copper	63-2	696229	698316	689551	694699	0.66	cps
Dysprosium	156-1	86285	82519	84137	84314	2.24	cps
Dysprosium	156-2	28682	29219	29046	28982	0.95	cps
Erbium	164-1	80935	80281	80944	80720	0.47	cps
Erbium	164-2	24807	23789	24280	24292	2.10	cps
Gadolinium	160-1	81447	81497	82058	81667	0.42	cps
Gadolinium	160-2	34716	34225	34051	34331	1.01	cps
Holmium	165-1	6190674	6051235	6056705	6099538	1.29	cps
Holmium	165-2	1984165	1944823	1971581	1966856	1.02	cps
Indium	115-1	5880432	5829030	5762751	5824071	1.01	cps
Indium	115-2	389536	387696	389554	388929	0.27	cps
Iron	56-2	79188135	78457457	78683207	78776267	0.47	cps
Iron	57-2	2021816	2024082	2007295	2017731	0.45	cps
Lead	206-1	2000889	2046025	2037224	2028046	1.18	cps
Lead	207-1	1636912	1646410	1633498	1638940	0.41	cps
Lead	208-1	7783178	7827925	7768229	7793111	0.40	cps
Lithium	6-1	676869	681135	669123	675709	0.90	cps
Magnesium	24-2	480848	475639	475959	477482	0.61	cps
Manganese	55-2	932329	932268	931086	931894	0.08	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	39534	37637	37887	38353	2.69	cps
Molybdenum	94-1	27804	27245	27662	27570	1.06	cps
Molybdenum	95-1	24648	24181	23955	24261	1.46	cps
Molybdenum	96-1	29466	28439	28030	28645	2.58	cps
Molybdenum	97-1	15593	16177	14842	15537	4.31	cps
Neodymium	150-1	113683	113595	112573	113284	0.54	cps
Neodymium	150-2	23321	23341	23197	23286	0.33	cps
Nickel	60-2	102289	100761	101271	101440	0.77	cps
Phosphorus	31-2	1517	1400	1625	1514	7.43	cps
Potassium	39-2	127246	124697	125439	125794	1.04	cps
Rhodium	103-1	5835569	5676899	5805323	5772597	1.46	cps
Rhodium	103-2	2179628	2172459	2162515	2171534	0.40	cps
Scandium	45-1	4698009	4651028	4634354	4661130	0.71	cps
Scandium	45-2	52973	54067	53257	53432	1.06	cps
Selenium	77-2	153	123	143	140	10.91	cps
Selenium	78-2	80	94	98	91	10.80	cps
Selenium	82-1	354	239	82	225	60.83	cps
Silicon	28-1	31735387	31861240	31449170	31681933	0.67	cps
Silver	109-1	6260	6118	5651	6010	5.30	cps
Silver	107-1	6435	6218	6669	6441	3.50	cps
Sodium	23-2	4075952	4045386	4034183	4051840	0.53	cps
Strontium	86-1	290823	288438	284400	287887	1.13	cps
Strontium	88-1	2603246	2539141	2525847	2556078	1.62	cps
Sulfur	34-1	294168	290402	291924	292165	0.65	cps
Terbium	159-1	6492125	6424134	6421543	6445934	0.62	cps
Terbium	159-2	2001503	1952948	1989309	1981253	1.27	cps
Thallium	203-1	3301	2959	2859	3039	7.62	cps
Thallium	205-1	7428	6752	6944	7041	4.94	cps
Tin	118-1	225888	220954	223751	223531	1.11	cps
Titanium	47-1	1394997	1374950	1370717	1380222	0.94	cps
Uranium	238-1	48571	49357	47943	48624	1.46	cps
Vanadium	51-2	119407	119984	120480	119957	0.45	cps
Yttrium	89-1	8172682	8000026	7981427	8051378	1.31	cps
Yttrium	89-2	381702	375490	377776	378323	0.83	cps
Zinc	66-2	160378	160647	160210	160412	0.14	cps
Zirconium	90-1	40453	39854	38113	39473	3.08	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3884-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-GW-05DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:15:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8428	8478	8545	8484	0.69	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97643	99599	97315	98185	1.26	cps
Antimony	121-1	5526	5168	5110	5268	4.28	cps
Arsenic	75-2	1626	1530	1474	1543	4.98	cps
Barium	135-1	260633	265124	254954	260237	1.96	cps
Barium	137-1	455769	448287	439600	447886	1.81	cps
Beryllium	9-1	1245	1217	1195	1219	2.06	cps
Bismuth	209-1	3367446	3286740	3227128	3293771	2.14	cps
Bismuth	209-2	1363960	1358089	1341544	1354531	0.86	cps
Boron	11-1	7919	7961	8495	8125	3.95	cps
Boron	10-1	1792	1483	1667	1647	9.42	cps
Cadmium	106-1	1792	1533	1575	1634	8.49	cps
Cadmium	108-1	192	158	183	178	9.76	cps
Cadmium	111-1	2970	2950	2937	2953	0.57	cps
Calcium	43-1	464743	456838	456264	459281	1.03	cps
Calcium	44-1	7526143	7428882	7364897	7439974	1.09	cps
Chromium	52-2	45892	45956	47069	46305	1.43	cps
Cobalt	59-2	47805	47735	48631	48057	1.04	cps
Copper	63-2	244914	244985	243779	244559	0.28	cps
Dysprosium	156-1	31314	31473	30863	31216	1.01	cps
Dysprosium	156-2	10828	10748	10651	10742	0.82	cps
Erbium	164-1	31631	30788	30069	30829	2.54	cps
Erbium	164-2	9660	9137	9180	9326	3.12	cps
Gadolinium	160-1	30712	29860	30411	30328	1.42	cps
Gadolinium	160-2	13113	12880	12836	12943	1.15	cps
Holmium	165-1	5950290	5924163	5913481	5929312	0.32	cps
Holmium	165-2	1962535	1916530	1938067	1939044	1.19	cps
Indium	115-1	5758244	5658496	5576964	5664568	1.60	cps
Indium	115-2	390210	385252	391874	389112	0.89	cps
Iron	56-2	24437857	24485168	24425399	24449475	0.13	cps
Iron	57-2	610959	606723	606015	607899	0.44	cps
Lead	206-1	714637	697195	698205	703346	1.39	cps
Lead	207-1	596569	586217	578204	586997	1.57	cps
Lead	208-1	2769981	2716884	2680694	2722519	1.65	cps
Lithium	6-1	669788	661662	664569	665340	0.62	cps
Magnesium	24-2	187427	185328	185646	186134	0.61	cps
Manganese	55-2	450750	450144	450526	450473	0.07	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	13032	12548	12815	12798	1.89	cps
Molybdenum	94-1	8403	8219	8578	8400	2.14	cps
Molybdenum	95-1	7903	8086	7727	7905	2.27	cps
Molybdenum	96-1	9871	9662	8603	9379	7.25	cps
Molybdenum	97-1	5051	5085	5110	5082	0.58	cps
Neodymium	150-1	40871	38965	38972	39603	2.77	cps
Neodymium	150-2	8186	8223	8269	8226	0.51	cps
Nickel	60-2	34309	33250	33440	33666	1.68	cps
Phosphorus	31-2	492	383	475	450	12.96	cps
Potassium	39-2	56297	56422	55745	56155	0.64	cps
Rhodium	103-1	5822940	5702104	5619539	5714861	1.79	cps
Rhodium	103-2	2173117	2154181	2146445	2157914	0.64	cps
Scandium	45-1	4422294	4395129	4369698	4395707	0.60	cps
Scandium	45-2	50280	49544	49356	49727	0.98	cps
Selenium	77-2	67	53	50	57	15.57	cps
Selenium	78-2	30	35	35	33	9.63	cps
Selenium	82-1	267	-78	44	78	225.98	cps
Silicon	28-1	17957467	17655896	17583419	17732260	1.12	cps
Silver	109-1	2142	2159	1775	2025	10.70	cps
Silver	107-1	2300	2159	2009	2156	6.77	cps
Sodium	23-2	4058641	4039409	4085484	4061178	0.57	cps
Strontium	86-1	190992	190555	189472	190340	0.41	cps
Strontium	88-1	1697994	1678069	1671004	1682355	0.83	cps
Sulfur	34-1	245768	245809	250651	247409	1.13	cps
Terbium	159-1	6338328	6233346	6339745	6303806	0.97	cps
Terbium	159-2	1979254	1941865	1943635	1954918	1.08	cps
Thallium	203-1	1058	1142	1267	1156	9.07	cps
Thallium	205-1	2775	2475	2667	2639	5.76	cps
Tin	118-1	65143	66097	65587	65609	0.73	cps
Titanium	47-1	407112	405113	404378	405534	0.35	cps
Uranium	238-1	14743	14534	14267	14515	1.64	cps
Vanadium	51-2	40054	39489	39506	39683	0.81	cps
Yttrium	89-1	7134825	7108784	6997672	7080427	1.03	cps
Yttrium	89-2	337946	337427	334505	336626	0.55	cps
Zinc	66-2	70923	70186	70873	70661	0.58	cps
Zirconium	90-1	10813	10571	10046	10477	3.74	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3885-02DL2X20	Instrumnet Name :	P8
Client Sample ID :	CAN-WC-L-1DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-06-30 14:18:40	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	2234	2392	2373	5.49	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395232	402869	402577	400226	1.08	cps
Antimony	121-1	3763989	3797628	3838640	3800086	0.98	cps
Arsenic	75-2	78687	77370	78102	78053	0.85	cps
Barium	135-1	3754100	3855654	3854824	3821526	1.53	cps
Barium	137-1	6503241	6490182	6635876	6543099	1.23	cps
Beryllium	9-1	559167	565788	572312	565756	1.16	cps
Bismuth	209-1	2853079	2878350	2888117	2873182	0.63	cps
Bismuth	209-2	1229496	1233583	1228764	1230614	0.21	cps
Boron	11-1	314207	324113	328206	322175	2.23	cps
Boron	10-1	68757	70306	70498	69854	1.37	cps
Cadmium	106-1	88457	88061	87928	88149	0.31	cps
Cadmium	108-1	58954	59627	59200	59260	0.58	cps
Cadmium	111-1	832655	841957	837680	837431	0.56	cps
Calcium	43-1	5319432	5345934	5354033	5339800	0.34	cps
Calcium	44-1	86611662	85463927	86203962	86093184	0.68	cps
Chromium	52-2	650380	647800	647729	648636	0.23	cps
Cobalt	59-2	1258660	1250872	1253483	1254338	0.32	cps
Copper	63-2	2242513	2182406	2243249	2222723	1.57	cps
Dysprosium	156-1	117	158	150	142	15.56	cps
Dysprosium	156-2	20	33	33	29	26.64	cps
Erbium	164-1	92	33	8	44	96.23	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	133	75	158	122	34.99	cps
Gadolinium	160-2	30	37	37	34	11.18	cps
Holmium	165-1	5285108	5342393	5387188	5338230	0.96	cps
Holmium	165-2	1810785	1824587	1786690	1807354	1.06	cps
Indium	115-1	4984150	5012187	5012356	5002898	0.32	cps
Indium	115-2	345270	345492	346371	345711	0.17	cps
Iron	56-2	105500908	105024644	105426288	105317280	0.24	cps
Iron	57-2	2713863	2711865	2674370	2700033	0.82	cps
Lead	206-1	1727176	1758418	1753613	1746403	0.96	cps
Lead	207-1	1526379	1532909	1537238	1532175	0.36	cps
Lead	208-1	7020801	7041901	7048823	7037175	0.21	cps
Lithium	6-1	640695	652771	651901	648456	1.04	cps
Magnesium	24-2	10282625	10335156	10390882	10336221	0.52	cps
Manganese	55-2	358684	359169	360580	359478	0.27	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2860510	2856623	2869864	2862332	0.24	cps
Molybdenum	94-1	3294629	3291724	3320098	3302150	0.47	cps
Molybdenum	95-1	1814340	1809812	1807402	1810518	0.19	cps
Molybdenum	96-1	2339070	2308898	2336288	2328086	0.72	cps
Molybdenum	97-1	1090707	1087626	1094468	1090934	0.31	cps
Neodymium	150-1	193	107	113	138	35.00	cps
Neodymium	150-2	30	7	20	19	61.96	cps
Nickel	60-2	371696	367947	368346	369330	0.56	cps
Phosphorus	31-2	6593	7019	7077	6896	3.83	cps
Potassium	39-2	3506743	3514525	3511174	3510814	0.11	cps
Rhodium	103-1	4850560	4836574	4866893	4851342	0.31	cps
Rhodium	103-2	1871332	1857767	1870803	1866634	0.41	cps
Scandium	45-1	3830538	3837904	3850053	3839498	0.26	cps
Scandium	45-2	45116	44557	45116	44929	0.72	cps
Selenium	77-2	527	603	547	559	7.12	cps
Selenium	78-2	1995	1848	2037	1960	5.06	cps
Selenium	82-1	56825	56591	56804	56740	0.23	cps
Silicon	28-1	2319842	2365718	2383033	2356198	1.39	cps
Silver	109-1	4020288	4085740	4039414	4048481	0.83	cps
Silver	107-1	4251962	4287293	4285053	4274769	0.46	cps
Sodium	23-2	26214849	26385238	26276395	26292161	0.33	cps
Strontium	86-1	1139288	1145127	1146924	1143779	0.35	cps
Strontium	88-1	9799324	9763514	9933202	9832014	0.91	cps
Sulfur	34-1	635440	636222	643062	638242	0.66	cps
Terbium	159-1	5581919	5681243	5785761	5682974	1.79	cps
Terbium	159-2	1828587	1840747	1805726	1825020	0.97	cps
Thallium	203-1	2179999	2231676	2216531	2209402	1.20	cps
Thallium	205-1	5102338	5157564	5227382	5162428	1.21	cps
Tin	118-1	2653661	2639496	2677041	2656733	0.71	cps
Titanium	47-1	547432	541665	543690	544262	0.54	cps
Uranium	238-1	6351580	6384725	6390138	6375481	0.33	cps
Vanadium	51-2	463784	459387	460497	461223	0.50	cps
Yttrium	89-1	5637548	5746383	5704227	5696053	0.96	cps
Yttrium	89-2	279779	278605	278398	278927	0.27	cps
Zinc	66-2	211100	211111	209580	210597	0.42	cps
Zirconium	90-1	6189230	6198003	6254776	6214003	0.57	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:21:48	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1395761	1393045	1382806	1390537	0.49	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	58	36	58.07	cps
Antimony	121-1	142	117	167	142	17.65	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	25	25	58	36	53.30	cps
Beryllium	9-1	94	72	67	78	18.90	cps
Bismuth	209-1	2722793	2757446	2741272	2740504	0.63	cps
Bismuth	209-2	1195649	1194556	1197640	1195948	0.13	cps
Boron	11-1	3259	3384	3284	3309	2.00	cps
Boron	10-1	800	667	592	686	15.38	cps
Cadmium	106-1	1559	1458	1450	1489	4.05	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Cadmium	111-1	1096	1018	1019	1044	4.31	cps
Calcium	43-1	7961	7302	7419	7561	4.65	cps
Calcium	44-1	65721	65846	65931	65833	0.16	cps
Chromium	52-2	1130	1187	1120	1146	3.14	cps
Cobalt	59-2	23	37	10	23	57.15	cps
Copper	63-2	493	560	473	509	8.92	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	4924559	4956302	4886515	4922459	0.71	cps
Holmium	165-2	1710920	1693813	1694037	1699590	0.58	cps
Indium	115-1	5023324	5029657	5013412	5022131	0.16	cps
Indium	115-2	370501	362130	365626	366086	1.15	cps
Iron	56-2	5157	5201	5301	5220	1.42	cps
Iron	57-2	189	133	128	150	22.53	cps
Lead	206-1	1617	1561	1389	1522	7.80	cps
Lead	207-1	1300	1206	1295	1267	4.18	cps
Lead	208-1	5906	5590	5662	5719	2.90	cps
Lithium	6-1	617963	615429	614138	615843	0.32	cps
Magnesium	24-2	100	92	158	117	31.13	cps
Manganese	55-2	90	70	110	90	22.22	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	17	17	25	19	24.73	cps
Molybdenum	94-1	150	208	167	175	17.17	cps
Molybdenum	95-1	8	0	25	11	114.58	cps
Molybdenum	96-1	33	58	83	58	42.86	cps
Molybdenum	97-1	200	158	225	194	17.32	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	93	53	68	32.75	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	5376	5235	5059	5223	3.04	cps
Rhodium	103-1	5085992	5073238	5007559	5055596	0.83	cps
Rhodium	103-2	2016952	1989271	1999554	2001926	0.70	cps
Scandium	45-1	4003850	3985056	3941303	3976736	0.81	cps
Scandium	45-2	47503	47654	47380	47512	0.29	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	2	4	9	5	78.12	cps
Selenium	82-1	-8	-11	19	0	27812.08	cps
Silicon	28-1	375011	369839	366829	370560	1.12	cps
Silver	109-1	275	225	258	253	10.07	cps
Silver	107-1	250	250	258	253	1.90	cps
Sodium	23-2	15325	15834	15801	15654	1.82	cps
Strontium	86-1	2250	2359	2342	2317	2.52	cps
Strontium	88-1	175	175	175	175	0.00	cps
Sulfur	34-1	302293	299051	298967	300104	0.63	cps
Terbium	159-1	5272874	5279650	5254362	5268962	0.25	cps
Terbium	159-2	1753560	1700870	1716514	1723648	1.57	cps
Thallium	203-1	75	117	100	97	21.57	cps
Thallium	205-1	133	242	133	169	36.91	cps
Tin	118-1	708	750	758	739	3.63	cps
Titanium	47-1	150	183	225	186	20.19	cps
Uranium	238-1	50	50	33	44	21.66	cps
Vanadium	51-2	7	17	23	16	53.90	cps
Yttrium	89-1	5668448	5687412	5765170	5707010	0.90	cps
Yttrium	89-2	287571	288363	287810	287915	0.14	cps
Zinc	66-2	103	150	117	123	19.49	cps
Zirconium	90-1	400	317	383	367	12.03	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:35:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	75	100	22.05	cps

LB Number : LB88472 Operator : Jaswal
 Lab Sample ID : I3894-01 Instrumnet Name : P8
 Client Sample ID : 1706075476-77-89-90-C(Dilution Factor : 1
 Date & Time Acquired :: 2017-06-30 14:43:23 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	475	625	550	13.64	cps
Antimony	121-1	367	292	358	339	12.13	cps
Arsenic	75-2	102	124	122	116	10.63	cps
Barium	135-1	1734	1825	1542	1700	8.51	cps
Barium	137-1	2992	2617	2900	2837	6.89	cps
Beryllium	9-1	83	56	89	76	23.52	cps
Bismuth	209-1	2638115	2764913	2690911	2697980	2.36	cps
Bismuth	209-2	1219350	1207904	1226365	1217873	0.77	cps
Boron	11-1	7419	7452	6618	7163	6.59	cps
Boron	10-1	1517	1500	1492	1503	0.85	cps
Cadmium	106-1	1650	1308	1392	1450	12.29	cps
Cadmium	108-1	25	33	17	25	33.32	cps
Cadmium	111-1	1158	905	971	1011	13.00	cps
Calcium	43-1	25224	25215	24547	24995	1.55	cps
Calcium	44-1	458618	462726	455200	458848	0.82	cps
Chromium	52-2	3697	3624	3641	3654	1.05	cps
Cobalt	59-2	180	233	183	199	15.02	cps
Copper	63-2	1590	1987	1840	1806	11.11	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	13	23	33	23	42.86	cps
Erbium	164-1	75	50	58	61	20.84	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	75	117	67	86	31.11	cps
Gadolinium	160-2	30	30	30	30	0.00	cps
Holmium	165-1	4838475	5049756	4982294	4956841	2.18	cps
Holmium	165-2	1753001	1733542	1746136	1744226	0.57	cps
Indium	115-1	5007415	5039445	4927764	4991541	1.15	cps
Indium	115-2	367524	367712	367010	367415	0.10	cps
Iron	56-2	99939	100314	100951	100401	0.51	cps
Iron	57-2	2445	2573	2623	2547	3.60	cps
Lead	206-1	1856	1922	1967	1915	2.92	cps
Lead	207-1	1667	1728	1567	1654	4.92	cps
Lead	208-1	7501	7457	7145	7368	2.63	cps
Lithium	6-1	610618	610000	617209	612609	0.65	cps
Magnesium	24-2	286321	285314	287936	286524	0.46	cps
Manganese	55-2	7539	7866	7395	7600	3.17	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3894-01	Instrumnet Name :	P8
Client Sample ID :	1706075476-77-89-90-C	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:43:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1950	1725	1759	1811	6.71	cps
Molybdenum	94-1	1667	1433	1408	1503	9.48	cps
Molybdenum	95-1	1292	967	1008	1089	16.24	cps
Molybdenum	96-1	1342	1442	1233	1339	7.78	cps
Molybdenum	97-1	792	1092	900	928	16.37	cps
Neodymium	150-1	60	47	60	56	13.85	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	477	563	527	522	8.33	cps
Phosphorus	31-2	5668	6235	5710	5871	5.38	cps
Potassium	39-2	154455	154960	155837	155084	0.45	cps
Rhodium	103-1	5093172	5082808	5129075	5101685	0.48	cps
Rhodium	103-2	1998121	2000169	1961222	1986504	1.10	cps
Scandium	45-1	3929077	3929411	3960689	3939726	0.46	cps
Scandium	45-2	47932	47911	49403	48416	1.77	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	11	7	4	7	50.02	cps
Selenium	82-1	41	49	-21	23	167.57	cps
Silicon	28-1	3485834	3486513	3508489	3493612	0.37	cps
Silver	109-1	242	300	275	272	10.75	cps
Silver	107-1	317	342	292	317	7.90	cps
Sodium	23-2	248823	245509	249401	247911	0.85	cps
Strontium	86-1	4376	4626	4768	4590	4.32	cps
Strontium	88-1	19848	20124	20124	20032	0.79	cps
Sulfur	34-1	526841	527222	521764	525275	0.58	cps
Terbium	159-1	5134068	5324623	5193966	5217552	1.87	cps
Terbium	159-2	1749627	1780426	1774001	1768018	0.92	cps
Thallium	203-1	92	83	100	92	9.09	cps
Thallium	205-1	292	167	258	239	27.09	cps
Tin	118-1	7778	8186	8511	8158	4.51	cps
Titanium	47-1	4351	4067	4251	4223	3.40	cps
Uranium	238-1	33	58	50	47	26.97	cps
Vanadium	51-2	127	93	113	111	15.10	cps
Yttrium	89-1	5750188	5719140	5687520	5718949	0.55	cps
Yttrium	89-2	291542	291282	293882	292235	0.49	cps
Zinc	66-2	4127	4081	4357	4188	3.54	cps
Zirconium	90-1	2275	1992	2000	2089	7.72	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	I3894-01	Instrumnet Name :	P8
Client Sample ID :	1706075476-77-89-90-C	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:43:23	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	450	458	486	11.41	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435423	433009	439522	435984	0.76	cps
Antimony	121-1	3774378	3774635	3846483	3798499	1.09	cps
Arsenic	75-2	81660	81665	82745	82023	0.76	cps
Barium	135-1	3766855	3728471	3845077	3780134	1.57	cps
Barium	137-1	6432186	6392945	6473214	6432782	0.62	cps
Beryllium	9-1	592865	609029	604639	602178	1.39	cps
Bismuth	209-1	2738620	2770022	2740396	2749679	0.64	cps
Bismuth	209-2	1259663	1257488	1285480	1267544	1.23	cps
Boron	11-1	324066	339453	352082	338534	4.14	cps
Boron	10-1	68489	73623	75667	72593	5.09	cps
Cadmium	106-1	85412	87115	88079	86869	1.55	cps
Cadmium	108-1	59075	58343	60297	59238	1.67	cps
Cadmium	111-1	831617	837480	850125	839741	1.13	cps
Calcium	43-1	5505702	5522623	5449735	5492687	0.69	cps
Calcium	44-1	88503119	89604085	89175125	89094110	0.62	cps
Chromium	52-2	680321	683058	684342	682574	0.30	cps
Cobalt	59-2	1315686	1305169	1307469	1309442	0.42	cps
Copper	63-2	2274000	2279341	2253382	2268908	0.60	cps
Dysprosium	156-1	92	117	83	97	17.84	cps
Dysprosium	156-2	23	27	27	26	7.55	cps
Erbium	164-1	42	75	17	44	65.84	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	158	175	92	142	31.13	cps
Gadolinium	160-2	40	40	73	51	37.65	cps
Holmium	165-1	5130752	5165000	5168606	5154786	0.41	cps
Holmium	165-2	1858104	1856785	1888490	1867793	0.96	cps
Indium	115-1	4922728	4959697	5025678	4969368	1.05	cps
Indium	115-2	361965	364661	365521	364049	0.51	cps
Iron	56-2	110093569	110970330	110185989	110416629	0.44	cps
Iron	57-2	2856388	2818281	2823176	2832615	0.73	cps
Lead	206-1	1627326	1638887	1666073	1644095	1.21	cps
Lead	207-1	1462323	1491804	1488980	1481036	1.10	cps
Lead	208-1	6739605	6771266	6768551	6759807	0.26	cps
Lithium	6-1	660104	680062	682185	674117	1.81	cps
Magnesium	24-2	10982707	10870618	11048841	10967389	0.82	cps
Manganese	55-2	381155	383019	385039	383071	0.51	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2903362	2857392	2870397	2877050	0.82	cps
Molybdenum	94-1	3328180	3332619	3307286	3322695	0.41	cps
Molybdenum	95-1	1824576	1817020	1810261	1817285	0.39	cps
Molybdenum	96-1	2336248	2321547	2307576	2321791	0.62	cps
Molybdenum	97-1	1095237	1081278	1093072	1089862	0.69	cps
Neodymium	150-1	187	140	187	171	15.74	cps
Neodymium	150-2	37	27	7	23	65.46	cps
Nickel	60-2	384218	382676	385075	383990	0.32	cps
Phosphorus	31-2	7802	7736	7561	7700	1.62	cps
Potassium	39-2	3731945	3727203	3784564	3747904	0.85	cps
Rhodium	103-1	4872654	4817058	4814208	4834640	0.68	cps
Rhodium	103-2	1899588	1939382	1919952	1919640	1.04	cps
Scandium	45-1	3917074	3976710	3959925	3951236	0.78	cps
Scandium	45-2	47975	48252	48383	48203	0.43	cps
Selenium	77-2	597	623	597	606	2.54	cps
Selenium	78-2	1961	2119	2026	2035	3.89	cps
Selenium	82-1	57940	57617	57970	57842	0.34	cps
Silicon	28-1	2465369	2479964	2488391	2477908	0.47	cps
Silver	109-1	4019991	4023159	4080758	4041303	0.85	cps
Silver	107-1	4237657	4260186	4321646	4273163	1.02	cps
Sodium	23-2	27840879	27766607	27803981	27803822	0.13	cps
Strontium	86-1	1162993	1170018	1156628	1163213	0.58	cps
Strontium	88-1	9909798	10115496	9944191	9989828	1.10	cps
Sulfur	34-1	686007	688446	693027	689160	0.52	cps
Terbium	159-1	5456510	5470792	5527291	5484864	0.68	cps
Terbium	159-2	1854326	1858938	1875422	1862895	0.60	cps
Thallium	203-1	2082440	2143484	2124834	2116920	1.48	cps
Thallium	205-1	4915411	4950308	5086634	4984118	1.82	cps
Tin	118-1	2590621	2607449	2658172	2618747	1.34	cps
Titanium	47-1	569491	565662	565703	566952	0.39	cps
Uranium	238-1	5989519	6153249	6113212	6085326	1.40	cps
Vanadium	51-2	485986	483290	487337	485538	0.42	cps
Yttrium	89-1	5677673	5817438	5755254	5750122	1.22	cps
Yttrium	89-2	291934	295186	294177	293766	0.57	cps
Zinc	66-2	218242	219604	220565	219470	0.53	cps
Zirconium	90-1	6214111	6278651	6307842	6266868	0.77	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:46:32	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1408186	1432732	1429803	1423574	0.94	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	25	33	25.01	cps
Antimony	121-1	433	517	408	453	12.53	cps
Arsenic	75-2	2	4	15	7	103.29	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	50	67	50	56	17.32	cps
Beryllium	9-1	117	94	78	96	20.26	cps
Bismuth	209-1	3043410	3067396	3034650	3048485	0.56	cps
Bismuth	209-2	1340974	1331633	1332870	1335159	0.38	cps
Boron	11-1	11772	10988	9554	10771	10.44	cps
Boron	10-1	2525	2300	2092	2306	9.40	cps
Cadmium	106-1	1500	1584	1375	1486	7.06	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Cadmium	111-1	1068	1115	978	1053	6.62	cps
Calcium	43-1	8578	7661	8311	8183	5.77	cps
Calcium	44-1	76014	75796	74573	75461	1.03	cps
Chromium	52-2	1023	1037	1147	1069	6.33	cps
Cobalt	59-2	43	10	33	29	59.21	cps
Copper	63-2	513	490	530	511	3.93	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	92	50	58	51.51	cps
Gadolinium	160-2	10	10	33	18	75.77	cps
Holmium	165-1	5463052	5476362	5248266	5395893	2.37	cps
Holmium	165-2	1910395	1902031	1883086	1898504	0.74	cps
Indium	115-1	5482479	5506264	5473552	5487431	0.31	cps
Indium	115-2	397173	396408	394428	396003	0.36	cps
Iron	56-2	5362	4890	4884	5045	5.44	cps
Iron	57-2	156	106	139	133	19.09	cps
Lead	206-1	1911	1683	1678	1758	7.58	cps
Lead	207-1	1761	1456	1622	1613	9.49	cps
Lead	208-1	7968	6762	6790	7173	9.60	cps
Lithium	6-1	747172	733349	721324	733948	1.76	cps
Magnesium	24-2	158	175	167	167	5.00	cps
Manganese	55-2	83	123	53	87	40.53	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	67	50	50	56	17.32	cps
Molybdenum	94-1	292	267	183	247	22.95	cps
Molybdenum	95-1	25	42	33	33	25.01	cps
Molybdenum	96-1	75	150	142	122	33.64	cps
Molybdenum	97-1	200	225	208	211	6.03	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	33	70	50	51	35.92	cps
Phosphorus	31-2	25	8	33	22	57.29	cps
Potassium	39-2	6060	5918	5893	5957	1.51	cps
Rhodium	103-1	5533425	5494037	5487055	5504839	0.45	cps
Rhodium	103-2	2121656	2159579	2153476	2144903	0.95	cps
Scandium	45-1	4231776	4230265	4207727	4223256	0.32	cps
Scandium	45-2	50367	49808	49527	49901	0.86	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	9	6	6	45.85	cps
Selenium	82-1	18	-177	-139	-99	-104.35	cps
Silicon	28-1	400247	397688	392990	396975	0.93	cps
Silver	109-1	333	333	450	372	18.10	cps
Silver	107-1	333	450	1339	707	77.74	cps
Sodium	23-2	20507	20357	20232	20365	0.68	cps
Strontium	86-1	2575	2834	2442	2617	7.61	cps
Strontium	88-1	208	192	142	181	19.22	cps
Sulfur	34-1	342024	340021	338910	340318	0.46	cps
Terbium	159-1	5798903	5800143	5705037	5768027	0.95	cps
Terbium	159-2	1897447	1895612	1891216	1894758	0.17	cps
Thallium	203-1	142	142	117	133	10.83	cps
Thallium	205-1	458	250	342	350	29.83	cps
Tin	118-1	1208	917	1075	1067	13.69	cps
Titanium	47-1	208	117	208	178	29.77	cps
Uranium	238-1	25	58	75	53	48.24	cps
Vanadium	51-2	20	23	27	23	14.29	cps
Yttrium	89-1	6213777	6195966	6163499	6191081	0.41	cps
Yttrium	89-2	308319	311963	309186	309823	0.61	cps
Zinc	66-2	140	103	140	128	16.56	cps
Zirconium	90-1	625	625	550	600	7.22	cps

LB Number :	LB88472	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-06-30 14:49:32	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	183	125	150	20.03	cps