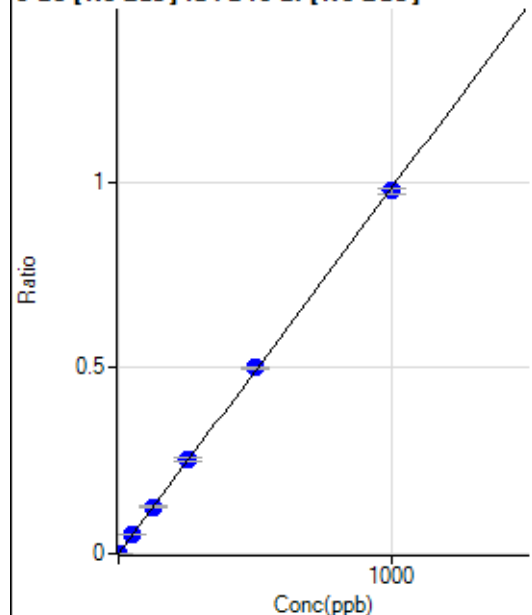


Batch Folder: D:\ICP-MS Data\P7021618 MS.b\
Analysis File: P7021618 MS.batch.bin
DA Date-Time: 2018-02-16 12:08:39
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-02-16 09:14:08
2			
3	005CAL.S.d	S02	2018-02-16 09:22:14
4	006CAL.S.d	S03	2018-02-16 09:26:05
5	007CAL.S.d	S04	2018-02-16 09:30:11
6	008CAL.S.d	S05	2018-02-16 09:33:56
7	009CAL.S.d	S06	2018-02-16 09:37:39
8	010CAL.S.d	S07	2018-02-16 09:41:21
9	011CAL.S.d	S08	2018-02-16 09:45:04

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.04	0.0001	P	27.9
2	☐	0.100					
3	☐	1.000	0.970	1963.14	0.0010	P	3.7
4	☐	50.000	51.734	97384.19	0.0510	P	1.4
5	☐	125.000	128.289	242213.08	0.1264	P	1.1
6	☐	250.000	257.357	479893.08	0.2534	P	3.1
7	☐	500.000	509.789	936408.60	0.5019	P	1.0
8	☐	1000.000	992.769	1792122.12	0.9774	P	1.6
9	☐			548.17	0.0003	P	7.2

$$y = 9.8443\text{E-}004 * x + 7.1998\text{E-}005$$

$$R = 0.9999$$

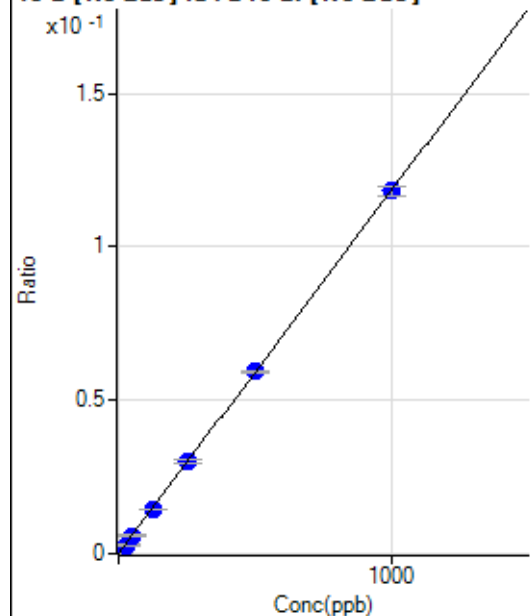
$$DL = 0.06124$$

$$BEC = 0.07314$$

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	150.01	0.0001	P	40.5
2	☐	2.500					
3	☐	25.000	23.070	5370.60	0.0028	P	4.2
4	☐	50.000	47.858	10954.40	0.0057	P	7.8
5	☐	125.000	121.042	27598.29	0.0144	P	3.2
6	☐	250.000	254.782	57217.38	0.0302	P	4.2
7	☐	500.000	501.300	110798.08	0.0594	P	1.3
8	☐	1000.000	998.805	216790.29	0.1182	P	2.6
9	☐			7585.55	0.0045	P	4.1

$$y = 1.1831\text{E-}004 * x + 7.8820\text{E-}005$$

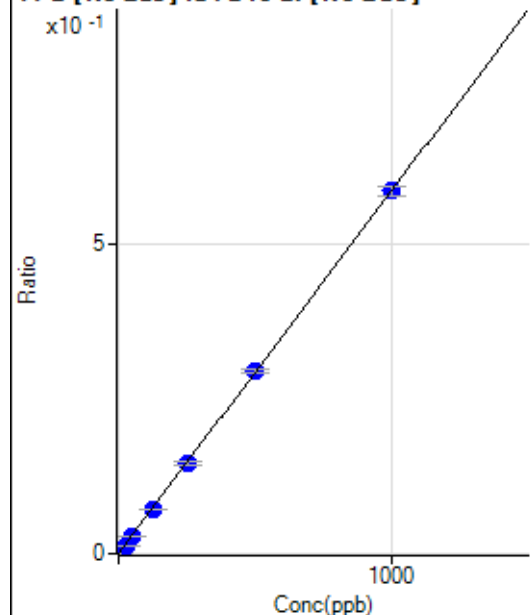
$$R = 1.0000$$

$$DL = 0.8093$$

$$BEC = 0.6662$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	744.49	0.0004	P	11.5
2	☐	2.500					
3	☐	25.000	21.570	24879.62	0.0130	P	2.2
4	☐	50.000	48.647	55073.46	0.0288	P	2.4
5	☐	125.000	122.476	138060.09	0.0720	P	1.8
6	☐	250.000	247.797	275143.62	0.1453	P	4.3
7	☐	500.000	501.997	548501.25	0.2940	P	2.4
8	☐	1000.000	1000.021	1073157.12	0.5853	P	2.5
9	☐			37080.18	0.0220	P	9.1

$$y = 5.8492\text{E-}004 * x + 3.9098\text{E-}004$$

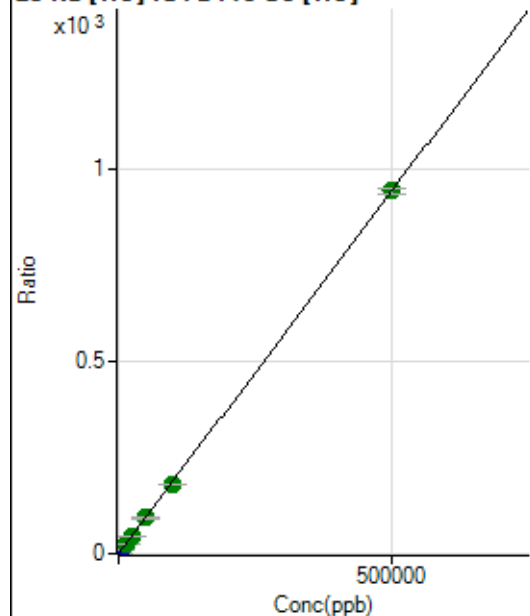
$$R = 1.0000$$

$$DL = 0.231$$

$$BEC = 0.6684$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22779.15	0.0823	P	3.5
2	☐	50.000					
3	☐	500.000	456.529	258629.16	0.9420	P	2.4
4	☐	5000.000	5012.924	2637743.05	9.5229	P	0.1
5	☐	12500.000	12453.448	6503169.07	23.5354	A	1.2
6	☐	25000.000	24692.209	12920970.25	46.5843	A	1.3
7	☐	50000.000	49068.526	25666901.79	92.4914	A	3.0
8	☐	100000.00	96506.707	50629438.63	181.8302	A	0.2
9	☐	500000.00	500808.27	248578383.3	943.2383	A	1.4

$$y = 0.0019 * x + 0.0823$$

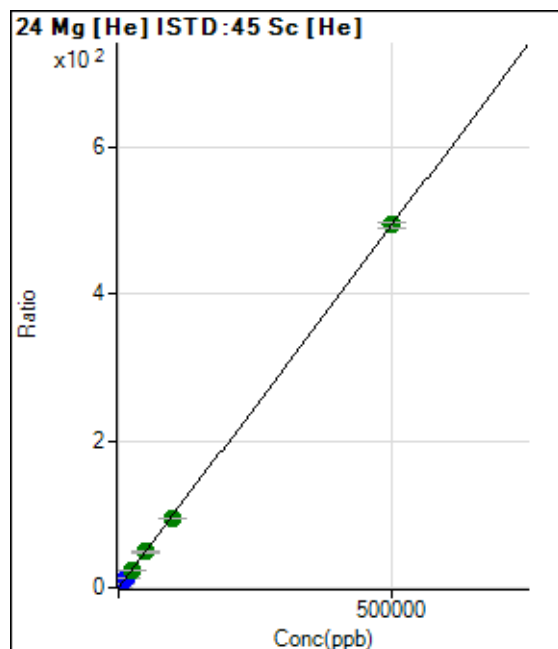
$$R = 1.0000$$

$$DL = 4.563$$

$$BEC = 43.68$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.25	0.0016	P	11.8
2	☐	50.000					
3	☐	500.000	463.988	126265.10	0.4599	P	2.8
4	☐	5000.000	5040.189	1379449.23	4.9802	P	0.4
5	☐	12500.000	12635.336	3449121.48	12.4825	P	1.1
6	☐	25000.000	24991.704	6847664.13	24.6879	A	1.3
7	☐	50000.000	49411.782	13544841.80	48.8095	A	3.0
8	☐	100000.00	96634.476	26578653.89	95.4551	A	0.4
9	☐	500000.00	500728.59	130340611.2	494.6105	A	1.9

$$y = 9.8778\text{E-}004 * x + 0.0016$$

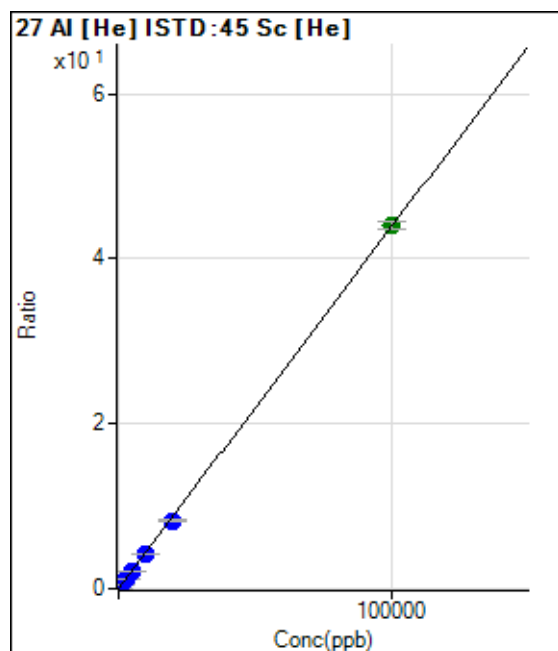
$$R = 1.0000$$

$$DL = 0.5804$$

$$BEC = 1.637$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0002	P	53.4
2	☐	2.000					
3	☐	20.000	17.212	2119.69	0.0077	P	0.9
4	☐	1000.000	975.760	118573.98	0.4281	P	0.6
5	☐	2500.000	2438.188	295490.59	1.0694	P	1.4
6	☐	5000.000	4833.871	588009.88	2.1200	P	1.8
7	☐	10000.000	9560.241	1163451.80	4.1927	P	3.2
8	☐	20000.000	18801.001	2295758.73	8.2451	P	0.8
9	☐	100000.00	100293.87	11590106.42	43.9829	A	2.2

$$y = 4.3854\text{E-}004 * x + 1.7077\text{E-}004$$

$$R = 0.9999$$

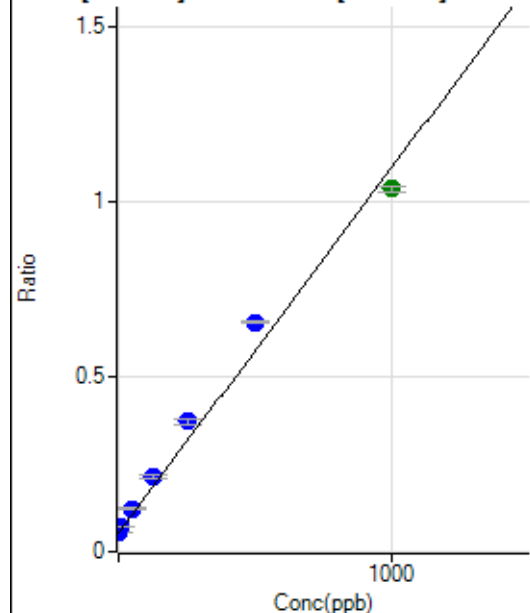
$$DL = 0.624$$

$$BEC = 0.3894$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308632.05	0.0530	P	0.7
2	☐	1.000					
3	☐	10.000	15.450	398966.90	0.0692	P	1.1
4	☐	50.000	66.027	692099.73	0.1220	P	4.6
5	☐	125.000	154.610	1227598.20	0.2144	P	2.8
6	☐	250.000	305.443	2113769.56	0.3719	P	5.2
7	☐	500.000	577.935	3756297.74	0.6564	P	1.1
8	☐	1000.000	942.615	6019754.04	1.0371	A	1.8
9	☐			846897.53	0.1537	P	0.9

$$y = 0.0010 * x + 0.0530$$

$$R = 0.9934$$

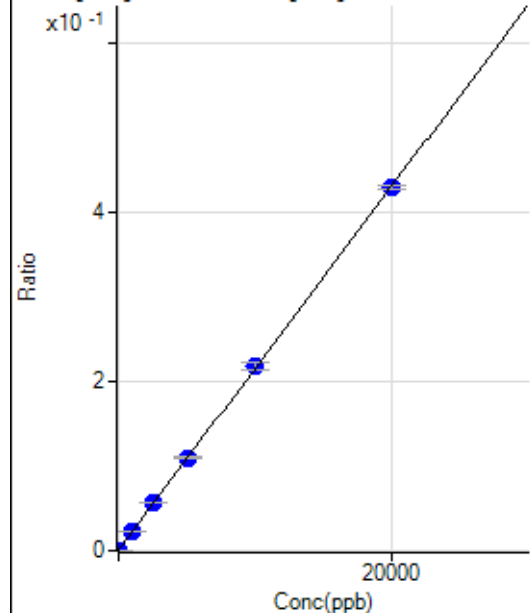
$$DL = 1.005$$

$$BEC = 50.79$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.571	216.68	0.0008	P	19.2
2	☐	0.000					
3	☐	0.000	2.571	244.46	0.0009	P	2.0
4	☐	1000.000	992.025	6132.08	0.0221	P	3.0
5	☐	2500.000	2594.448	15628.33	0.0566	P	0.7
6	☐	5000.000	5080.443	30490.34	0.1099	P	3.5
7	☐	10000.000	10096.180	60392.80	0.2177	P	3.8
8	☐	20000.000	19920.392	119349.53	0.4287	P	1.2
9	☐			272.23	0.0010	P	15.9

$$y = 2.1476E-005 * x + 8.3471E-004$$

$$R = 1.0000$$

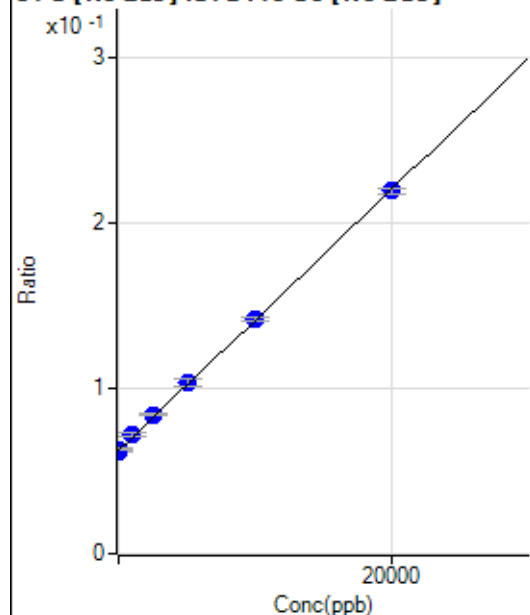
$$DL = 11.73$$

$$BEC = 38.87$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-69.832	359914.76	0.0618	P	0.7
2	☐	0.000					
3	☐	0.000	69.832	363086.53	0.0629	P	1.8
4	☐	1000.000	1197.747	407918.56	0.0719	P	3.7
5	☐	2500.000	2739.980	481293.84	0.0841	P	1.9
6	☐	5000.000	5198.625	588426.44	0.1035	P	4.4
7	☐	10000.000	10085.616	813542.43	0.1422	P	1.3
8	☐	20000.000	19867.651	1274251.30	0.2195	P	1.9
9	☐			328276.68	0.0596	P	0.5

$$y = 7.9098\text{E-}006 * x + 0.0624$$

$$R = 0.9999$$

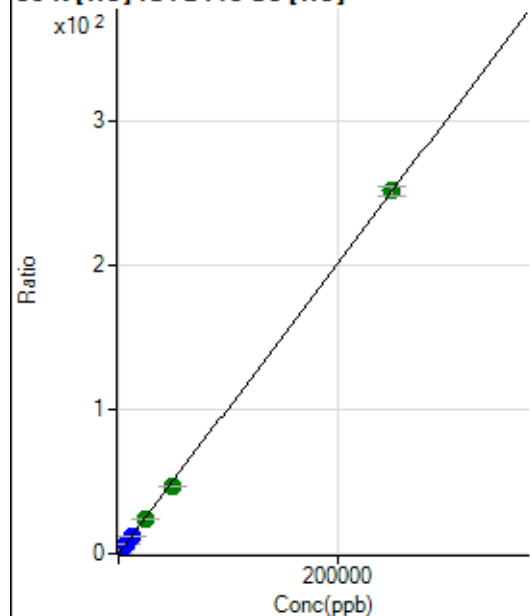
$$DL = 286.8$$

$$BEC = 7888$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35922.27	0.1298	P	4.5
2	☐	50.000					
3	☐	500.000	442.711	157750.11	0.5745	P	1.6
4	☐	2500.000	2395.363	702505.73	2.5362	P	0.3
5	☐	6250.000	5999.294	1701277.47	6.1568	P	0.6
6	☐	12500.000	11969.018	3371199.21	12.1542	P	1.3
7	☐	25000.000	23542.636	6598970.94	23.7814	A	3.3
8	☐	50000.000	46840.099	13138559.67	47.1868	A	0.7
9	☐	250000.00	250811.69	66431750.10	252.1030	A	2.3

$$y = 0.0010 * x + 0.1298$$

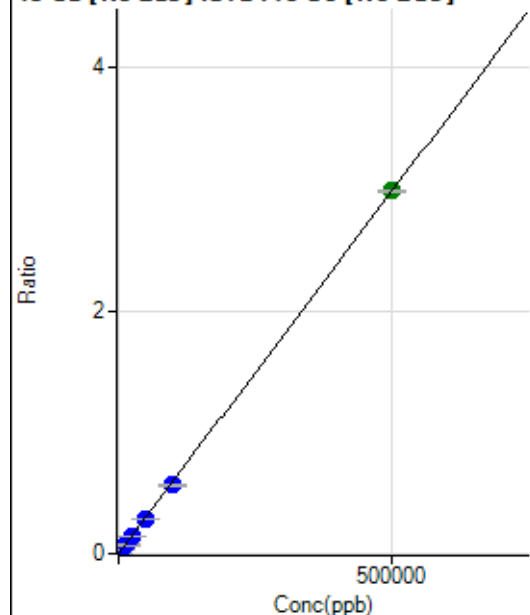
$$R = 0.9999$$

$$DL = 17.59$$

$$BEC = 129.2$$

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	197.23	0.0000	P	8.6
2	☐	50.000					
3	☐	500.000	428.718	14938.67	0.0026	P	1.6
4	☐	5000.000	4869.786	164931.85	0.0291	P	3.6
5	☐	12500.000	12005.135	409764.90	0.0716	P	2.9
6	☐	25000.000	24250.339	821946.20	0.1446	P	3.6
7	☐	50000.000	47885.794	1633339.98	0.2854	P	1.1
8	☐	100000.00	94683.688	3275368.89	0.5643	P	2.1
9	☐	500000.00	501325.91	16459496.38	2.9878	A	0.6

$$y = 5.9597\text{E-}006 * x + 3.3882\text{E-}005$$

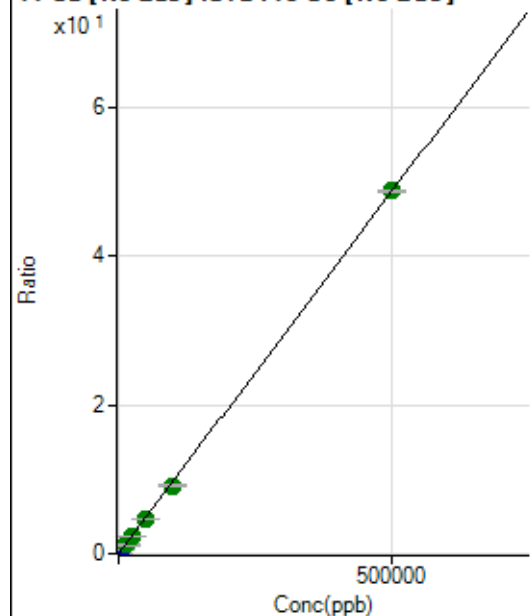
$$R = 0.9999$$

$$DL = 1.461$$

$$BEC = 5.685$$

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	17399.86	0.0030	P	3.7
2	☐	50.000					
3	☐	500.000	426.699	256230.33	0.0444	P	1.2
4	☐	5000.000	4828.340	2677461.41	0.4717	P	4.0
5	☐	12500.000	11973.315	6671555.88	1.1654	A	2.7
6	☐	25000.000	24036.473	13283425.91	2.3365	A	4.2
7	☐	50000.000	47692.307	26513635.84	4.6331	A	1.1
8	☐	100000.00	94007.752	52991136.60	9.1296	A	1.8
9	☐	500000.00	501492.35	268234767.1	48.6897	A	0.6

$$y = 9.7084\text{E-}005 * x + 0.0030$$

$$R = 0.9999$$

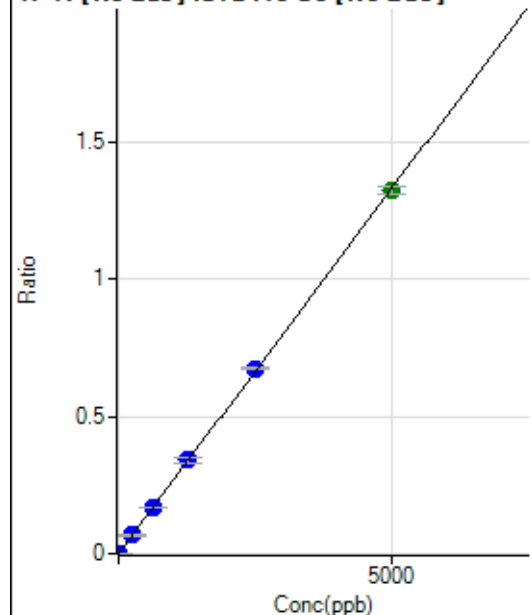
$$DL = 3.409$$

$$BEC = 30.79$$

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	119.45	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	4.700	7316.02	0.0013	P	4.4
4	☐	250.000	254.666	383717.33	0.0676	P	3.7
5	☐	625.000	629.725	956781.75	0.1671	P	2.7
6	☐	1250.000	1281.175	1932713.08	0.3400	P	4.7
7	☐	2500.000	2538.086	3854582.72	0.6736	P	0.9
8	☐	5000.000	4972.340	7658839.41	1.3195	A	2.0
9	☐			2166.92	0.0004	P	10.2

$$y = 2.6537\text{E-}004 * x + 2.0527\text{E-}005$$

$$R = 0.9999$$

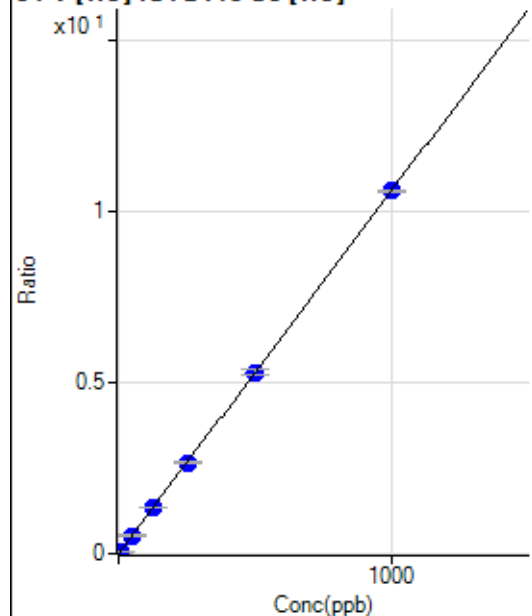
$$DL = 0.05716$$

$$BEC = 0.07735$$

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	0.0001	P	35.6
2	☐	0.500					
3	☐	5.000	4.540	13252.77	0.0483	P	1.4
4	☐	50.000	50.312	147947.19	0.5341	P	0.5
5	☐	125.000	125.576	368339.17	1.3330	P	1.2
6	☐	250.000	249.923	735817.57	2.6529	P	1.7
7	☐	500.000	500.468	1474096.18	5.3124	P	3.4
8	☐	1000.000	999.700	2954658.50	10.6117	P	0.8
9	☐			806.70	0.0031	P	10.8

$$y = 0.0106 * x + 7.6106\text{E-}005$$

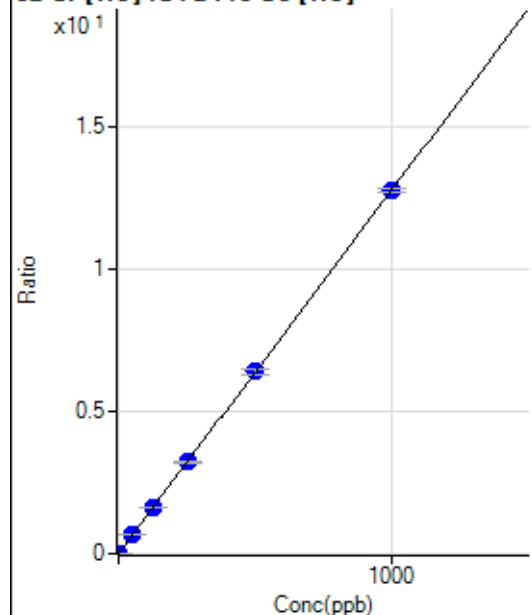
$$R = 1.0000$$

$$DL = 0.007667$$

$$BEC = 0.00717$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	555.58	0.0020	P	1.6
2	☐	0.200					
3	☐	2.000	2.000	7562.05	0.0275	P	2.8
4	☐	50.000	50.853	180478.16	0.6516	P	0.5
5	☐	125.000	127.766	451522.43	1.6340	P	0.6
6	☐	250.000	251.669	892210.61	3.2167	P	1.3
7	☐	500.000	500.790	1775574.61	6.3989	P	3.3
8	☐	1000.000	998.799	3552860.61	12.7602	P	1.0
9	☐			67711.28	0.2570	P	2.2

$$y = 0.0128 * x + 0.0020$$

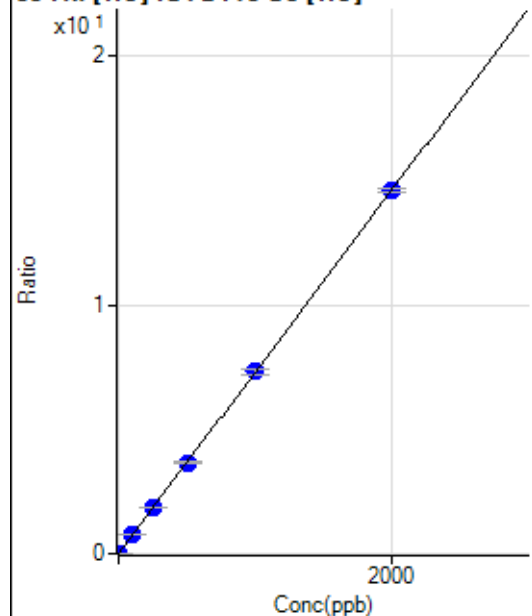
$$R = 1.0000$$

$$DL = 0.007607$$

$$BEC = 0.1569$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0002	P	39.6
2	☐	0.100					
3	☐	1.000	0.935	1924.60	0.0070	P	3.0
4	☐	100.000	101.657	205688.64	0.7426	P	0.4
5	☐	250.000	253.791	512183.37	1.8536	P	1.1
6	☐	500.000	501.613	1016139.56	3.6635	P	1.2
7	☐	1000.000	1001.215	2028934.85	7.3120	P	3.4
8	☐	2000.000	1998.432	4063627.89	14.5947	P	1.1
9	☐			12858.00	0.0488	P	2.5

$$y = 0.0073 * x + 1.8007E-004$$

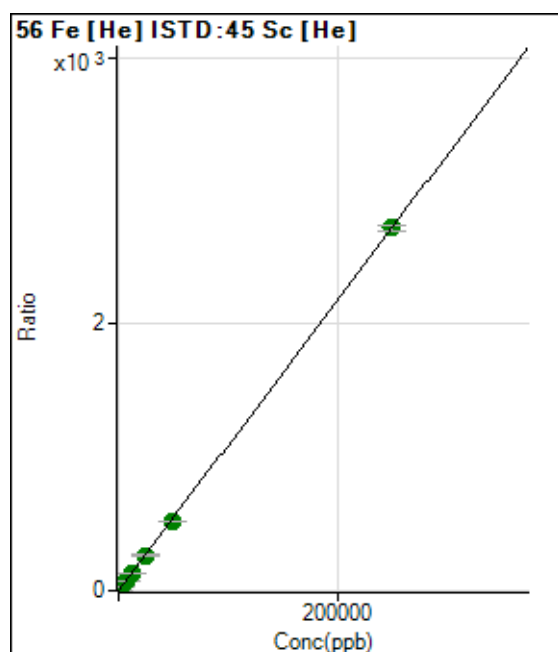
$$R = 1.0000$$

$$DL = 0.0293$$

$$BEC = 0.02466$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2961.49	0.0107	P	6.3
2	☐	5.000					
3	☐	50.000	46.792	142665.82	0.5196	P	2.3
4	☐	2500.000	2490.321	7505702.37	27.0975	A	0.0
5	☐	6250.000	6233.214	18736751.58	67.8083	A	0.8
6	☐	12500.000	12310.561	37142625.37	133.9105	A	1.2
7	☐	25000.000	24451.023	73800203.50	265.9602	A	3.3
8	☐	50000.000	48245.475	146114521.7	524.7684	A	0.7
9	☐	250000.00	250415.79	717774016.0	2,723.739	A	1.8

$$y = 0.0109 * x + 0.0107$$

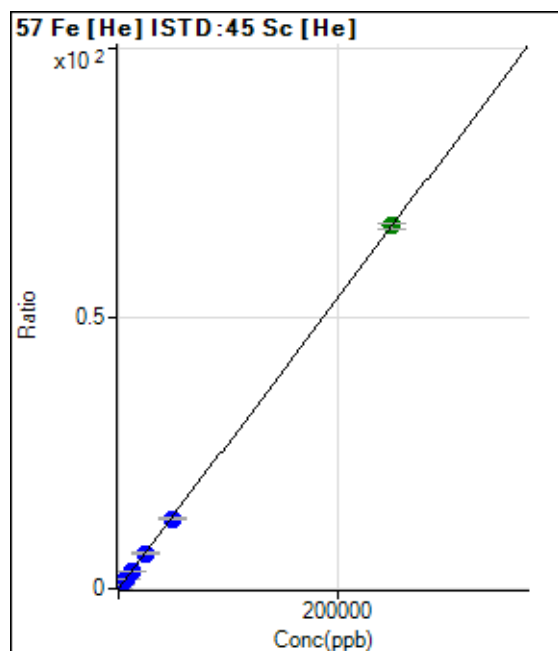
$$R = 1.0000$$

$$DL = 0.1871$$

$$BEC = 0.9833$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0007	P	15.6
2	☐	5.000					
3	☐	50.000	46.077	3570.91	0.0130	P	3.4
4	☐	2500.000	2480.068	184208.33	0.6650	P	0.1
5	☐	6250.000	6187.039	458164.44	1.6581	P	0.7
6	☐	12500.000	12277.075	912368.38	3.2895	P	1.8
7	☐	25000.000	24354.156	1810340.55	6.5248	P	3.8
8	☐	50000.000	48289.687	3602041.75	12.9368	P	0.9
9	☐	250000.00	250419.56	17678279.33	67.0844	A	1.9

$$y = 2.6789E-004 * x + 6.6399E-004$$

$$R = 1.0000$$

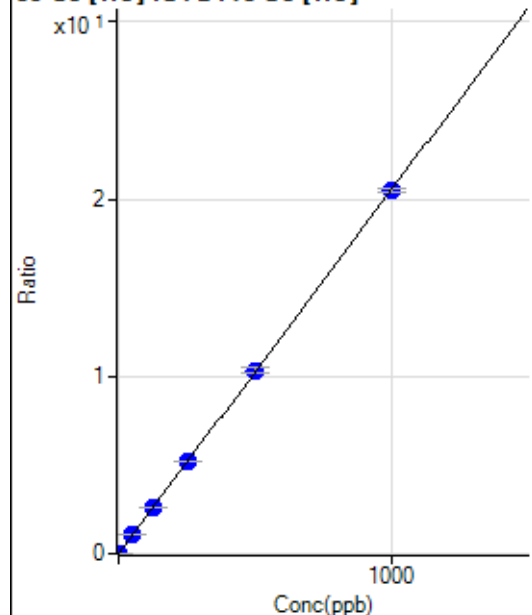
$$DL = 1.157$$

$$BEC = 2.479$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.34	0.0007	P	7.4
2	☐	0.100					
3	☐	1.000	0.945	5525.57	0.0201	P	1.8
4	☐	50.000	51.403	292435.37	1.0558	P	0.4
5	☐	125.000	128.618	729634.64	2.6406	P	1.1
6	☐	250.000	253.352	1442493.28	5.2007	P	1.5
7	☐	500.000	503.487	2867439.54	10.3347	P	3.8
8	☐	1000.000	996.896	5697228.25	20.4618	P	1.0
9	☐			7428.66	0.0282	P	2.5

$$y = 0.0205 * x + 7.3307E-004$$

$$R = 1.0000$$

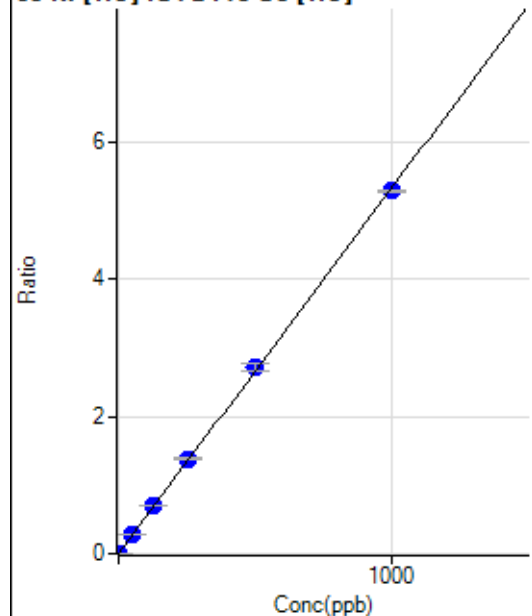
$$DL = 0.007959$$

$$BEC = 0.03572$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0003	P	27.1
2	☐	0.100					
3	☐	1.000	1.019	1572.34	0.0057	P	5.5
4	☐	50.000	52.653	77664.12	0.2804	P	0.1
5	☐	125.000	131.349	193144.08	0.6990	P	1.1
6	☐	250.000	258.171	380976.08	1.3736	P	2.0
7	☐	500.000	507.993	749768.76	2.7025	P	4.1
8	☐	1000.000	993.034	1470864.60	5.2826	P	0.8
9	☐			18293.84	0.0694	P	2.5

$$y = 0.0053 * x + 3.0709E-004$$

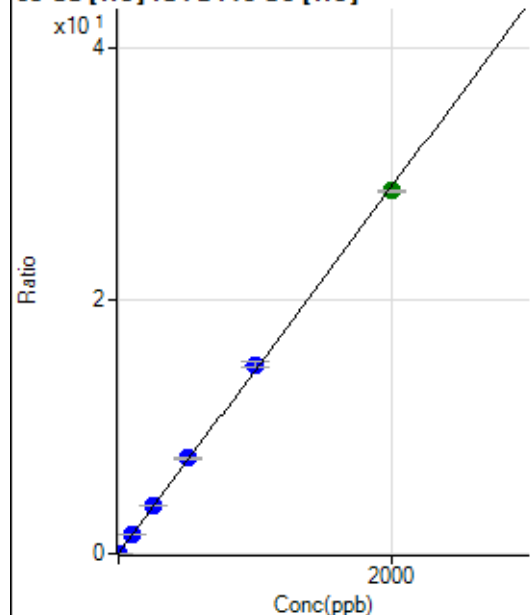
$$R = 0.9999$$

$$DL = 0.04698$$

$$BEC = 0.05773$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5324.37	0.0192	P	2.6
2	☐	0.200					
3	☐	2.000	1.809	12464.34	0.0454	P	2.6
4	☐	100.000	106.492	432365.44	1.5610	P	0.6
5	☐	250.000	264.455	1063276.52	3.8479	P	0.5
6	☐	500.000	520.459	2095287.24	7.5543	P	1.4
7	☐	1000.000	1029.529	4141278.31	14.9244	P	3.3
8	☐	2000.000	1977.989	7978843.49	28.6559	A	0.8
9	☐			13972.38	0.0530	P	2.5

$$y = 0.0145 * x + 0.0192$$

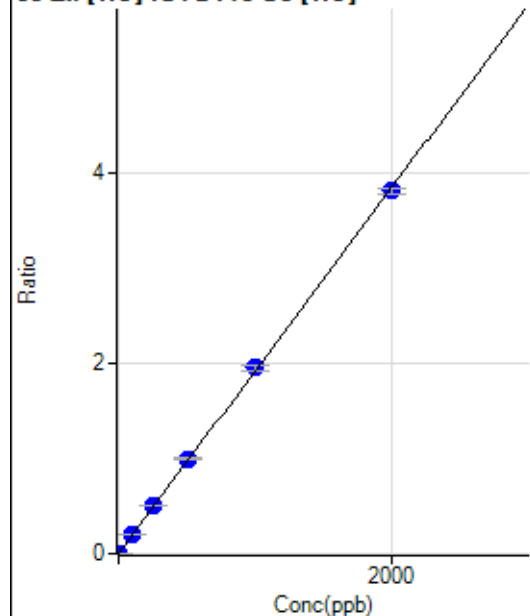
$$R = 0.9998$$

$$DL = 0.1028$$

$$BEC = 1.327$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0005	P	3.5
2	☐	0.200					
3	☐	2.000	2.103	1256.74	0.0046	P	4.3
4	☐	100.000	105.998	56602.69	0.2043	P	0.4
5	☐	250.000	264.531	140697.67	0.5092	P	1.0
6	☐	500.000	519.991	277471.46	1.0004	P	1.5
7	☐	1000.000	1018.004	543331.50	1.9580	P	3.1
8	☐	2000.000	1983.884	1062255.85	3.8152	P	1.4
9	☐			3956.15	0.0150	P	5.1

$$y = 0.0019 * x + 5.3298E-004$$

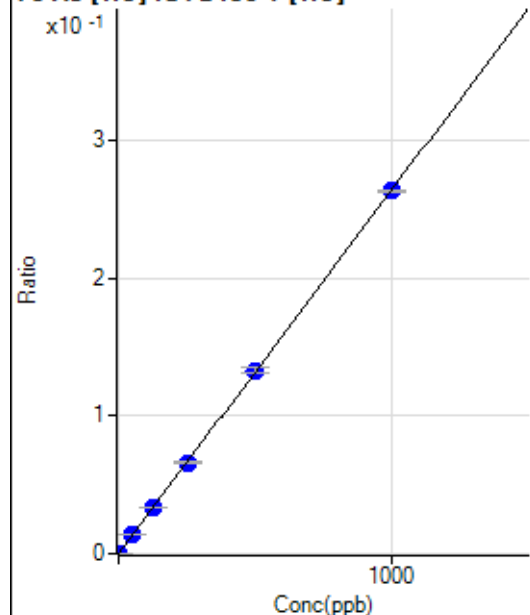
$$R = 0.9999$$

$$DL = 0.0288$$

$$BEC = 0.2772$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.90	0.0000	P	25.4
2	☐	0.100					
3	☐	1.000	0.869	353.71	0.0002	P	6.2
4	☐	50.000	50.789	19830.88	0.0134	P	1.2
5	☐	125.000	124.658	48658.13	0.0329	P	0.3
6	☐	250.000	250.510	97466.68	0.0662	P	1.4
7	☐	500.000	503.496	194148.82	0.1330	P	2.8
8	☐	1000.000	998.128	387675.68	0.2637	P	0.3
9	☐			241.98	0.0002	P	3.0

$$y = 2.6419\text{E-}004 * x + 1.2213\text{E-}005$$

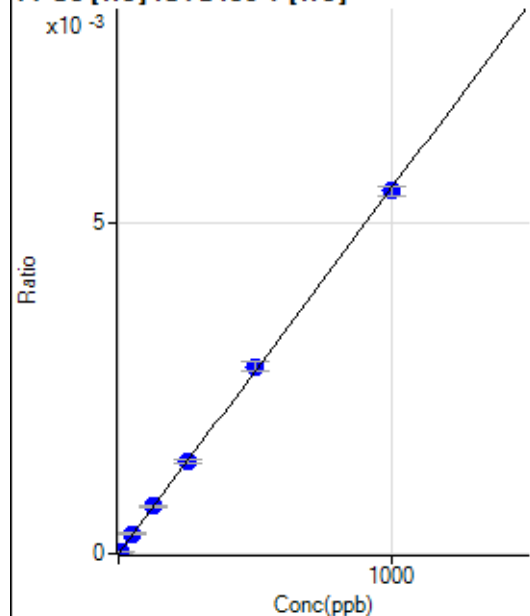
$$R = 1.0000$$

$$DL = 0.03525$$

$$BEC = 0.04623$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.117	34.45	0.0000	P	19.1
4	☐	50.000	55.023	450.01	0.0003	P	8.0
5	☐	125.000	129.293	1055.61	0.0007	P	3.4
6	☐	250.000	252.746	2056.85	0.0014	P	3.4
7	☐	500.000	511.813	4125.10	0.0028	P	5.4
8	☐	1000.000	992.624	8060.15	0.0055	P	2.8
9	☐			8.89	0.0000	P	115.

$$y = 5.5228\text{E-}006 * x + 7.5332\text{E-}007$$

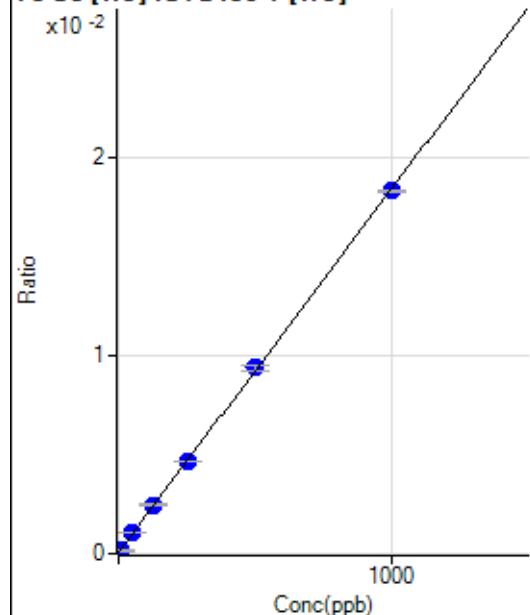
$$R = 0.9999$$

$$DL = 0.7088$$

$$BEC = 0.1364$$

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	103.71	0.0001	P	3.9
2	☐	0.500					
3	☐	5.000	4.361	220.99	0.0002	P	6.9
4	☐	50.000	52.782	1536.51	0.0010	P	2.4
5	☐	125.000	129.798	3626.41	0.0025	P	3.2
6	☐	250.000	251.097	6897.37	0.0047	P	0.8
7	☐	500.000	508.078	13728.20	0.0094	P	2.7
8	☐	1000.000	994.951	26977.57	0.0184	P	0.4
9	☐			102.47	0.0001	P	11.1

$$y = 1.8372\text{E-}005 * x + 7.0825\text{E-}005$$

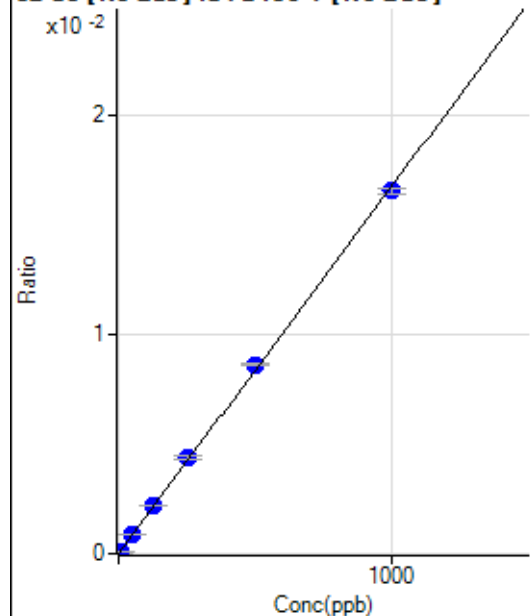
$$R = 0.9999$$

$$DL = 0.4493$$

$$BEC = 3.855$$

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	11.15	0.0000	P	237.
2	☐	0.500					
3	☐	5.000	4.736	760.00	0.0001	P	5.6
4	☐	50.000	52.224	8200.70	0.0009	P	1.1
5	☐	125.000	130.604	20562.50	0.0022	P	1.3
6	☐	250.000	263.405	41006.99	0.0044	P	3.7
7	☐	500.000	514.988	80721.43	0.0086	P	1.2
8	☐	1000.000	988.344	157410.53	0.0165	P	1.8
9	☐			138.56	0.0000	P	12.0

$$y = 1.6729\text{E-}005 * x + 1.1727\text{E-}006$$

$$R = 0.9997$$

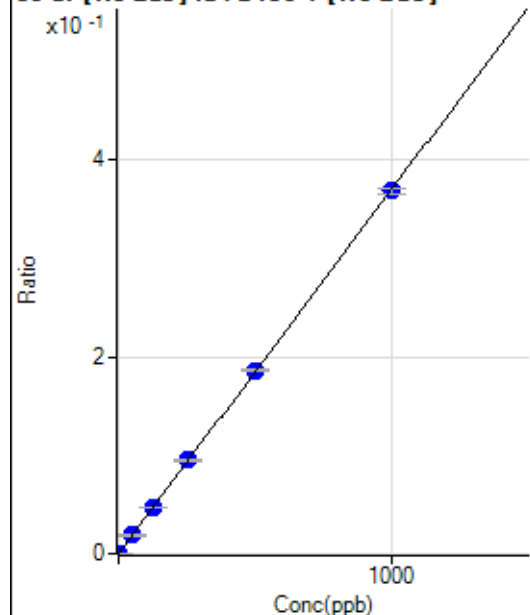
$$DL = 0.4991$$

$$BEC = 0.0701$$

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	550.03	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.904	3700.64	0.0004	P	1.1
4	☐	50.000	50.337	174807.16	0.0187	P	1.9
5	☐	125.000	125.919	438016.07	0.0466	P	1.3
6	☐	250.000	256.283	881314.33	0.0947	P	3.3
7	☐	500.000	503.383	1742434.26	0.1860	P	1.3
8	☐	1000.000	996.606	3504915.23	0.3682	P	1.8
9	☐			113176.50	0.0127	P	0.6

$$y = 3.6936\text{E-}004 * x + 5.7620\text{E-}005$$

$$R = 1.0000$$

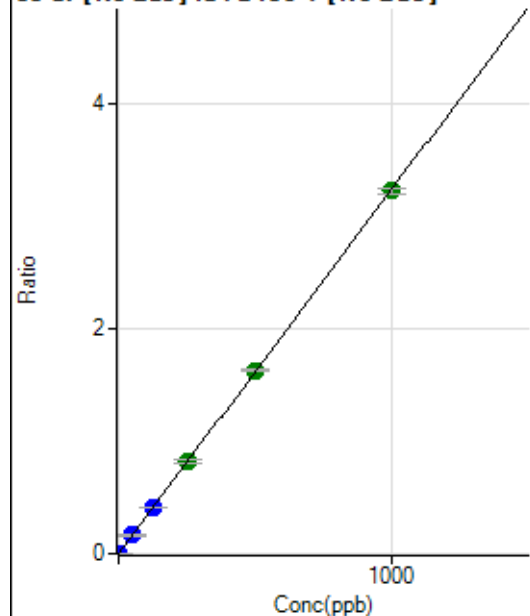
$$DL = 0.03128$$

$$BEC = 0.156$$

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	63.89	0.0000	P	58.6
2	☐	0.100					
3	☐	1.000	0.931	28554.19	0.0030	P	0.4
4	☐	50.000	50.558	1534691.56	0.1637	P	1.6
5	☐	125.000	127.038	3869548.44	0.4114	P	1.2
6	☐	250.000	254.475	7666890.54	0.8241	A	3.7
7	☐	500.000	504.240	15297234.71	1.6329	A	1.3
8	☐	1000.000	996.479	30719389.23	3.2269	A	1.8
9	☐			995842.84	0.1121	P	0.6

$$y = 0.0032 * x + 6.6847\text{E-}006$$

$$R = 1.0000$$

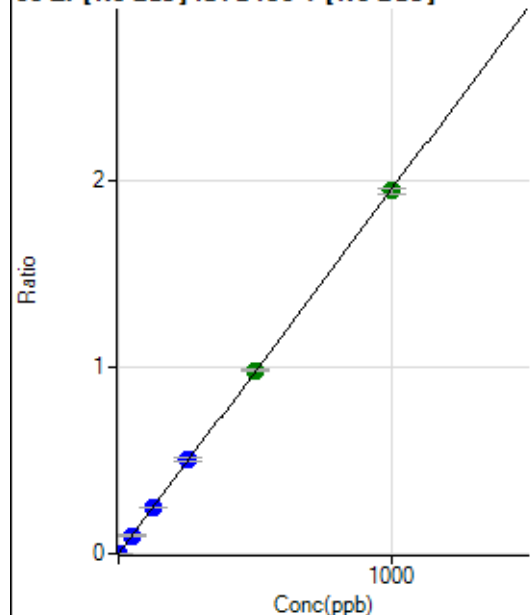
$$DL = 0.003629$$

$$BEC = 0.002064$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	744.49	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.884	17058.01	0.0018	P	2.0
4	☐	50.000	49.627	908711.37	0.0970	P	3.2
5	☐	125.000	125.272	2301251.25	0.2447	P	1.3
6	☐	250.000	257.058	4669628.10	0.5019	P	4.0
7	☐	500.000	504.061	9220258.54	0.9842	A	1.2
8	☐	1000.000	996.190	18516316.91	1.9450	A	1.7
9	☐			6246.06	0.0007	P	4.1

$$y = 0.0020 * x + 7.7981E-005$$

$$R = 1.0000$$

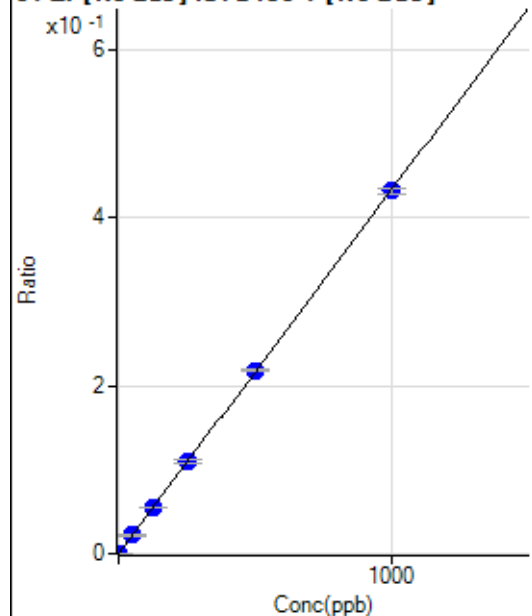
$$DL = 0.005045$$

$$BEC = 0.03994$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	0.896	3803.46	0.0004	P	3.5
4	☐	50.000	50.230	203834.72	0.0218	P	2.9
5	☐	125.000	125.614	511405.49	0.0544	P	1.6
6	☐	250.000	254.443	1024588.60	0.1101	P	3.3
7	☐	500.000	502.585	2037581.60	0.2175	P	1.1
8	☐	1000.000	997.509	4109304.69	0.4317	P	1.9
9	☐			1416.79	0.0002	P	9.7

$$y = 4.3272E-004 * x + 1.4838E-005$$

$$R = 1.0000$$

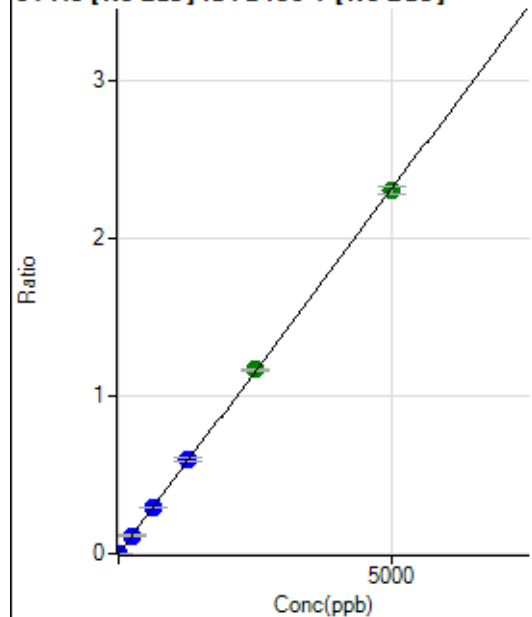
$$DL = 0.0102$$

$$BEC = 0.03429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.69	0.0000	P	32.0
2	☐	0.500					
3	☐	5.000	4.563	20320.69	0.0021	P	1.8
4	☐	250.000	250.201	1086633.62	0.1159	P	2.9
5	☐	625.000	631.766	2753302.04	0.2927	P	1.4
6	☐	1250.000	1295.079	5582213.67	0.6000	P	3.8
7	☐	2500.000	2524.565	10957446.60	1.1696	A	1.1
8	☐	5000.000	4975.592	21943366.64	2.3051	A	2.2
9	☐			17405.72	0.0020	P	4.9

$$y = 4.6328\text{E-}004 * x + 3.5769\text{E-}005$$

$$R = 0.9999$$

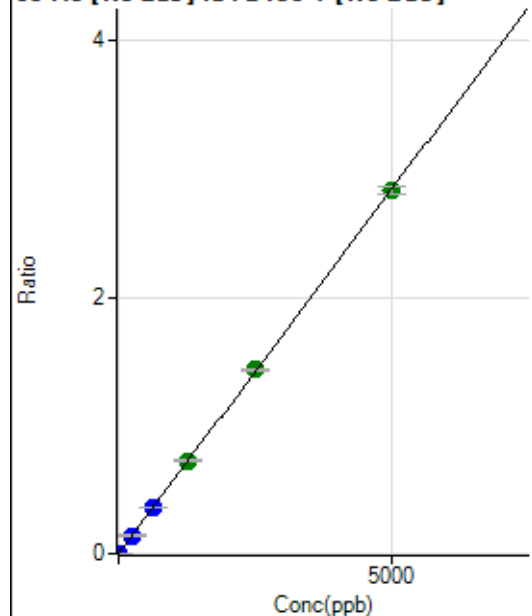
$$DL = 0.07416$$

$$BEC = 0.07721$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.521	24491.40	0.0026	P	0.9
4	☐	250.000	249.783	1330553.40	0.1420	P	3.0
5	☐	625.000	628.900	3362031.50	0.3574	P	1.6
6	☐	1250.000	1279.789	6766726.62	0.7274	A	4.0
7	☐	2500.000	2522.773	13432466.79	1.4338	A	0.9
8	☐	5000.000	4980.690	26947007.20	2.8307	A	2.0
9	☐			26642.42	0.0030	P	3.6

$$y = 5.6833\text{E-}004 * x + 2.1530\text{E-}005$$

$$R = 1.0000$$

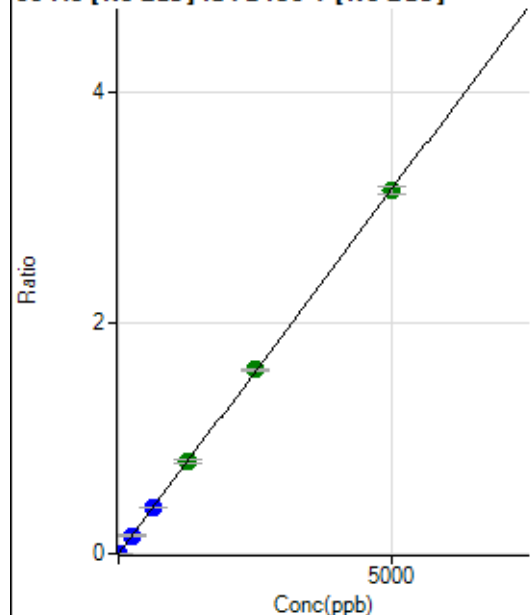
$$DL = 0.0184$$

$$BEC = 0.03788$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0000	P	10.8
2	☐	0.500					
3	☐	5.000	4.572	27544.11	0.0029	P	3.4
4	☐	250.000	249.990	1477119.95	0.1576	P	2.7
5	☐	625.000	629.502	3732662.54	0.3968	P	1.3
6	☐	1250.000	1273.422	7468077.34	0.8027	A	3.9
7	☐	2500.000	2522.664	14897556.24	1.5902	A	1.1
8	☐	5000.000	4982.251	29897306.23	3.1406	A	2.0
9	☐			33470.70	0.0038	P	6.1

$$y = 6.3035E-004 * x + 3.1711E-005$$

$$R = 1.0000$$

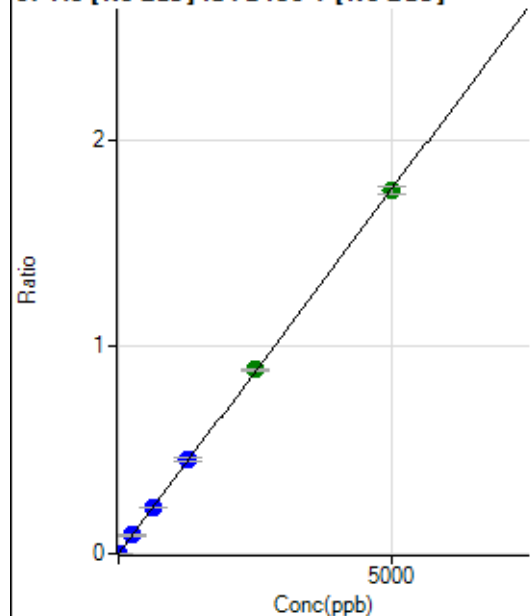
$$DL = 0.01632$$

$$BEC = 0.05031$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	37.5
2	☐	0.500					
3	☐	5.000	4.484	15094.69	0.0016	P	2.1
4	☐	250.000	250.828	827675.80	0.0883	P	2.7
5	☐	625.000	627.589	2078228.21	0.2209	P	1.1
6	☐	1250.000	1285.320	4209633.34	0.4525	P	3.8
7	☐	2500.000	2521.958	8317397.49	0.8878	A	1.1
8	☐	5000.000	4979.827	16688236.49	1.7530	A	2.0
9	☐			16220.94	0.0018	P	3.9

$$y = 3.5202E-004 * x + 1.8346E-005$$

$$R = 1.0000$$

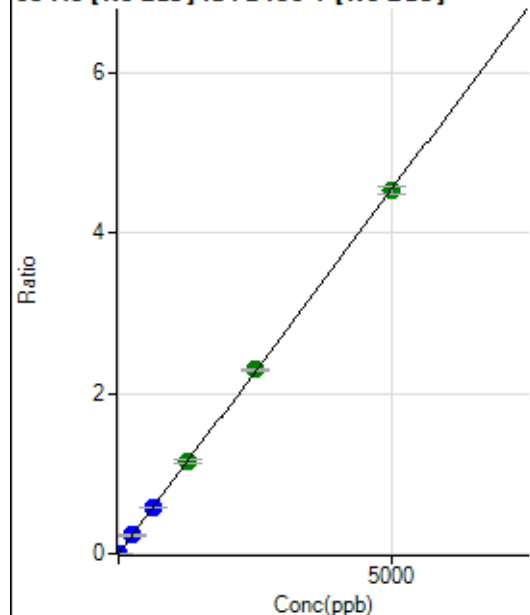
$$DL = 0.05865$$

$$BEC = 0.05211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	305.57	0.0000	P	30.2
2	☐	0.500					
3	☐	5.000	4.499	38918.05	0.0041	P	1.4
4	☐	250.000	252.688	2150694.54	0.2295	P	2.5
5	☐	625.000	634.530	5419613.84	0.5762	P	1.6
6	☐	1250.000	1275.134	10772851.02	1.1579	A	3.6
7	☐	2500.000	2522.418	21457858.12	2.2904	A	1.1
8	☐	5000.000	4981.182	43057370.41	4.5231	A	2.1
9	☐			40929.11	0.0046	P	3.7

$$y = 9.0802\text{E-}004 * x + 3.2029\text{E-}005$$

$$R = 1.0000$$

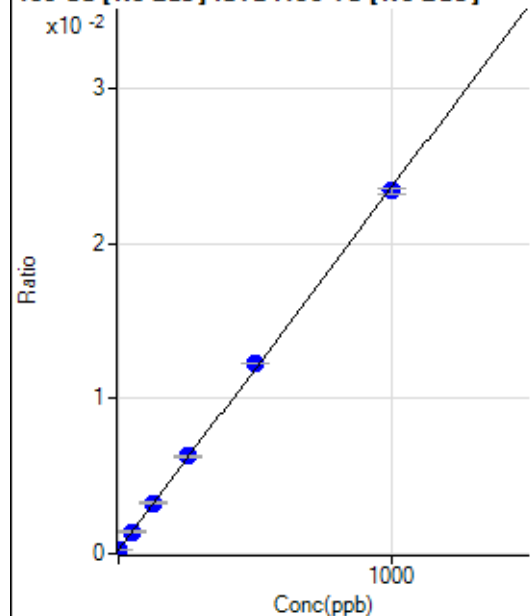
$$DL = 0.03201$$

$$BEC = 0.03527$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2733.71	0.0002	P	2.6
2	☐	0.100					
3	☐	1.000	0.842	2894.87	0.0003	P	6.8
4	☐	50.000	50.748	16168.18	0.0014	P	2.6
5	☐	125.000	129.425	37202.65	0.0033	P	1.9
6	☐	250.000	259.221	70461.68	0.0063	P	2.7
7	☐	500.000	513.511	136577.14	0.0122	P	0.4
8	☐	1000.000	990.349	264409.78	0.0234	P	1.8
9	☐			2530.89	0.0002	P	3.8

$$y = 2.3388\text{E-}005 * x + 2.3506\text{E-}004$$

$$R = 0.9998$$

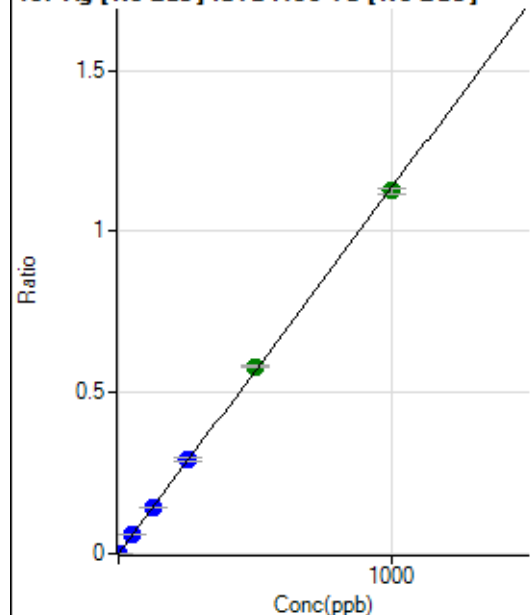
$$DL = 0.7932$$

$$BEC = 10.05$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.4
2	☐	0.100					
3	☐	1.000	0.949	12316.98	0.0011	P	1.4
4	☐	50.000	50.714	654148.33	0.0576	P	2.0
5	☐	125.000	126.473	1636874.75	0.1435	P	1.0
6	☐	250.000	257.523	3269485.34	0.2922	P	2.9
7	☐	500.000	512.291	6484236.78	0.5814	A	0.5
8	☐	1000.000	991.754	12718641.86	1.1255	A	1.8
9	☐			1361.23	0.0001	P	7.6

$$y = 0.0011 * x + 6.4501E-006$$

$$R = 0.9999$$

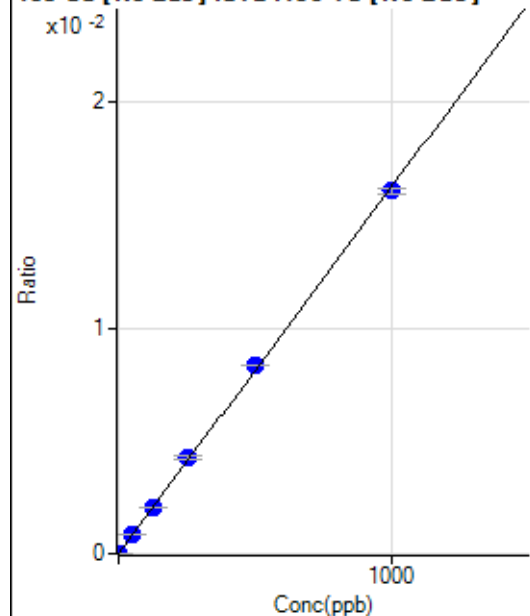
$$DL = 0.001936$$

$$BEC = 0.005684$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.875	177.78	0.0000	P	2.0
4	☐	50.000	51.816	9583.97	0.0008	P	2.0
5	☐	125.000	126.721	23493.39	0.0021	P	2.1
6	☐	250.000	262.461	47722.05	0.0043	P	2.6
7	☐	500.000	514.783	93297.50	0.0084	P	0.3
8	☐	1000.000	989.187	181632.44	0.0161	P	1.6
9	☐			48.61	0.0000	P	29.3

$$y = 1.6246E-005 * x + 1.4336E-006$$

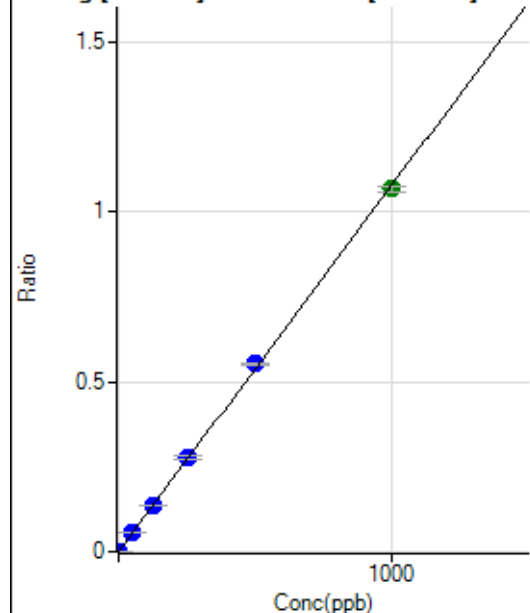
$$R = 0.9997$$

$$DL = 0.06678$$

$$BEC = 0.08824$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	28.0
2	☐	0.100					
3	☐	1.000	0.973	11958.28	0.0011	P	3.0
4	☐	50.000	51.094	624607.53	0.0550	P	2.8
5	☐	125.000	126.898	1556666.33	0.1365	P	1.4
6	☐	250.000	257.817	3102424.85	0.2773	P	3.1
7	☐	500.000	513.303	6158154.00	0.5521	P	0.6
8	☐	1000.000	991.102	12047570.84	1.0661	A	1.6
9	☐			1125.10	0.0001	P	0.9

$$y = 0.0011 * x + 5.9740E-006$$

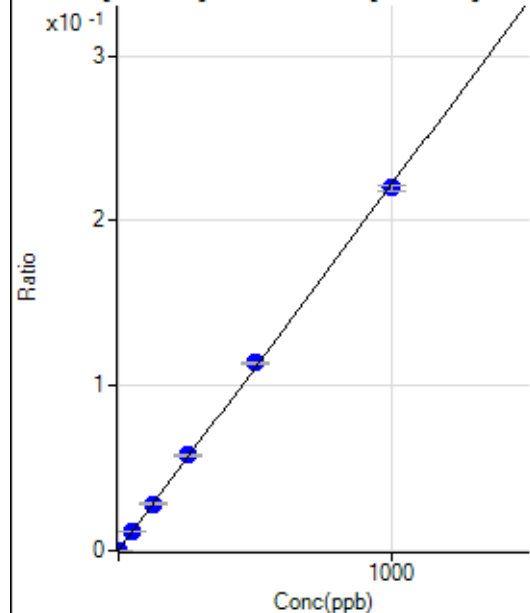
$$R = 0.9998$$

$$DL = 0.00466$$

$$BEC = 0.005554$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1926.93	0.0002	P	2.7
2	☐	0.100					
3	☐	1.000	0.899	4149.41	0.0004	P	2.8
4	☐	50.000	51.404	131427.80	0.0116	P	2.1
5	☐	125.000	127.986	325538.48	0.0285	P	1.6
6	☐	250.000	259.912	646618.64	0.0578	P	3.0
7	☐	500.000	512.182	1268573.51	0.1137	P	1.1
8	☐	1000.000	990.988	2485170.95	0.2199	P	1.9
9	☐			2134.84	0.0002	P	1.0

$$y = 2.2175E-004 * x + 1.6568E-004$$

$$R = 0.9998$$

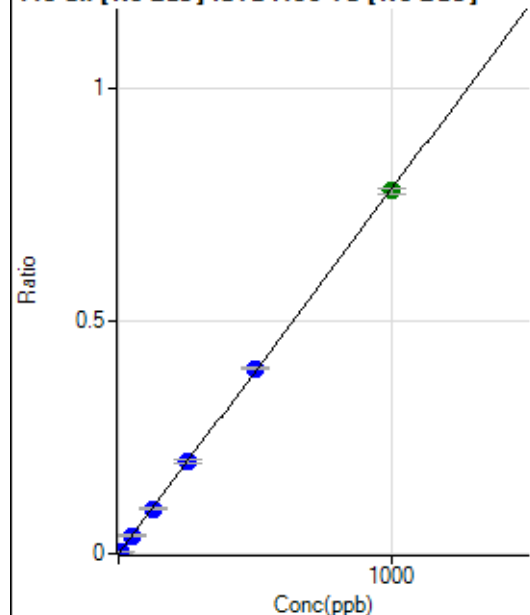
$$DL = 0.0595$$

$$BEC = 0.7472$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1019.53	0.0001	P	6.1
2	☐	0.500					
3	☐	5.000	4.493	41019.25	0.0036	P	0.2
4	☐	50.000	49.725	443845.12	0.0391	P	2.5
5	☐	125.000	123.566	1105258.25	0.0969	P	2.2
6	☐	250.000	252.517	2214713.51	0.1980	P	3.4
7	☐	500.000	508.691	4447230.66	0.3987	P	1.0
8	☐	1000.000	995.221	8815205.06	0.7800	A	1.5
9	☐			12278.04	0.0012	P	1.0

$$y = 7.8368\text{E-}004 * x + 8.7653\text{E-}005$$

$$R = 0.9999$$

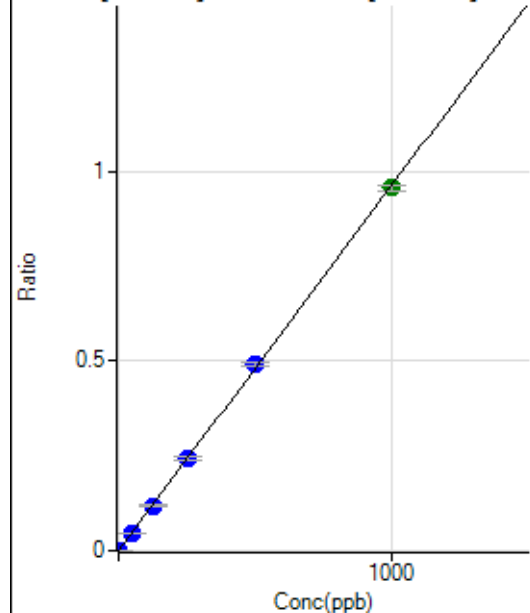
$$DL = 0.02059$$

$$BEC = 0.1118$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	24.4
2	☐	0.200					
3	☐	2.000	1.769	19517.10	0.0017	P	1.4
4	☐	50.000	48.912	535251.00	0.0471	P	3.0
5	☐	125.000	123.633	1357477.53	0.1190	P	1.8
6	☐	250.000	253.418	2729038.75	0.2440	P	3.9
7	☐	500.000	510.964	5486476.82	0.4919	P	1.3
8	☐	1000.000	993.889	10812792.08	0.9568	A	1.9
9	☐			28599.43	0.0028	P	1.9

$$y = 9.6270\text{E-}004 * x + 1.3620\text{E-}005$$

$$R = 0.9999$$

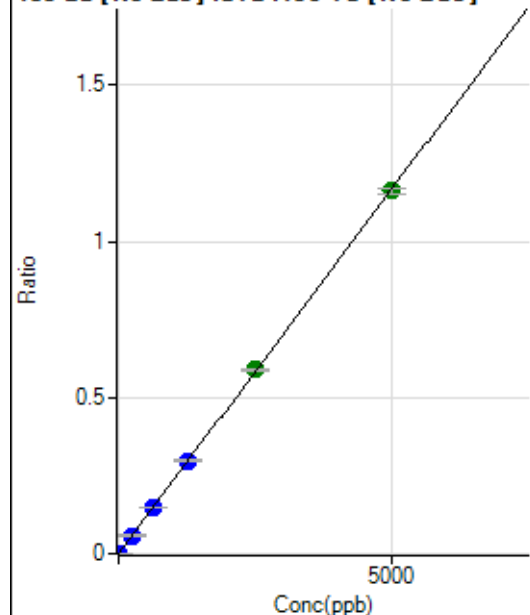
$$DL = 0.01034$$

$$BEC = 0.01415$$

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	41.67	0.0000	P	80.2
2	☐	1.000					
3	☐	10.000	8.957	23796.18	0.0021	P	2.4
4	☐	250.000	249.669	662112.27	0.0583	P	2.1
5	☐	625.000	629.192	1674238.43	0.1468	P	1.8
6	☐	1250.000	1278.242	3336564.92	0.2983	P	3.3
7	☐	2500.000	2525.130	6571539.34	0.5892	A	0.9
8	☐	5000.000	4979.869	13131085.97	1.1620	A	1.9
9	☐			4014.65	0.0004	P	11.3

$$y = 2.3333\text{E-}004 * x + 3.5871\text{E-}006$$

$$R = 1.0000$$

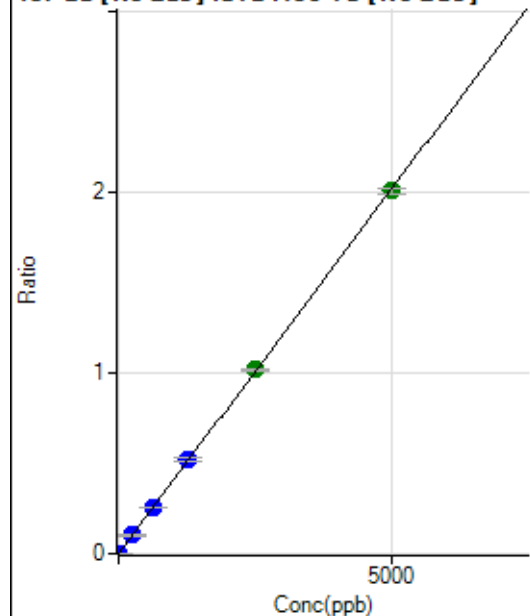
$$DL = 0.03697$$

$$BEC = 0.01537$$

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	100.00	0.0000	P	24.9
2	☐	1.000					
3	☐	10.000	9.161	42070.45	0.0037	P	0.7
4	☐	250.000	250.673	1148321.05	0.1010	P	2.5
5	☐	625.000	629.197	2892392.08	0.2536	P	0.9
6	☐	1250.000	1292.174	5826439.97	0.5208	P	3.4
7	☐	2500.000	2525.156	11352043.74	1.0178	A	0.9
8	☐	5000.000	4976.322	22667087.84	2.0058	A	1.8
9	☐			6793.63	0.0007	P	3.2

$$y = 4.0307\text{E-}004 * x + 8.5975\text{E-}006$$

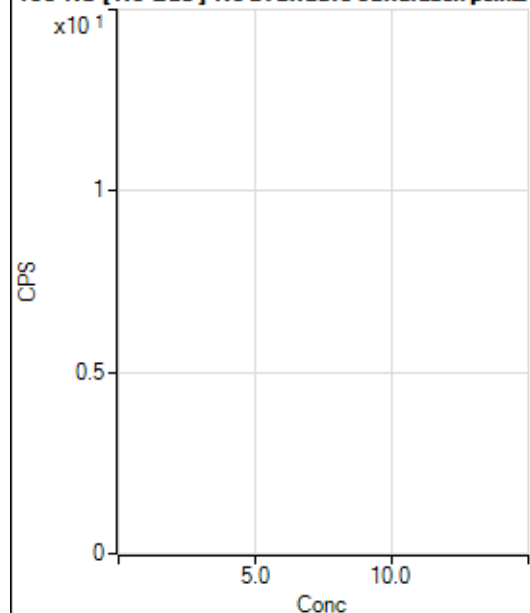
$$R = 0.9999$$

$$DL = 0.01594$$

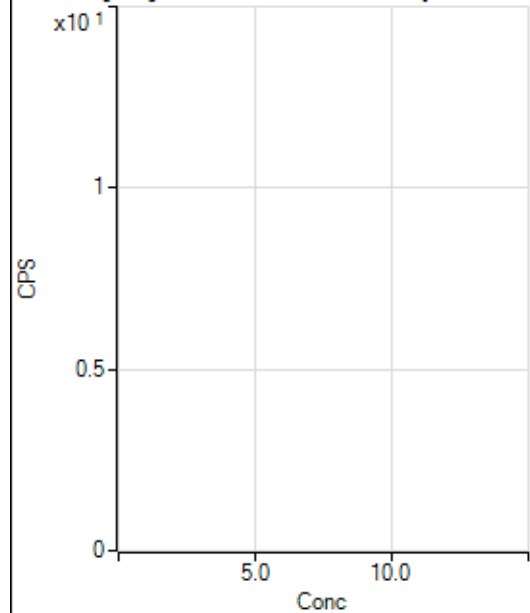
$$BEC = 0.02133$$

Weight: <None>

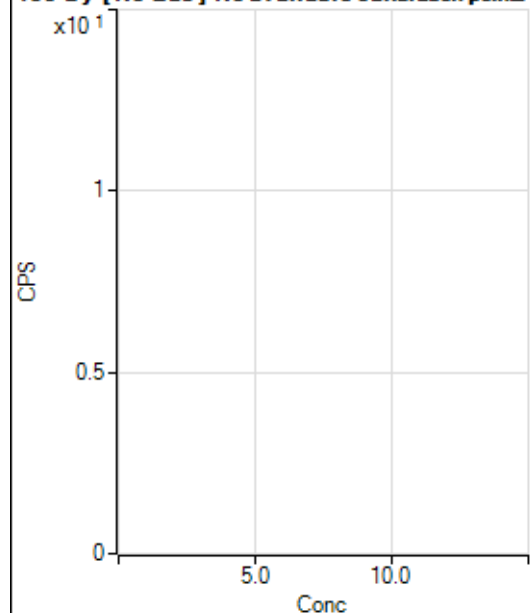
Min Conc: 0

150 Nd [No Gas] No available calibration points

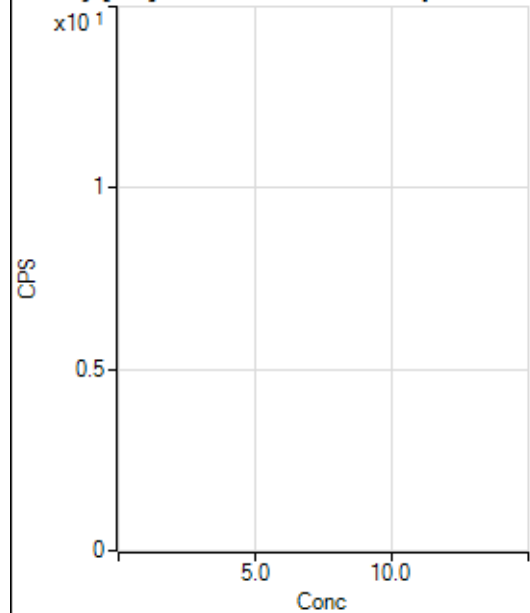
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			11.11		P	91.7
4	☐			42.22		P	48.2
5	☐			117.78		P	14.2
6	☐			208.90		P	13.3
7	☐			384.47		P	18.5
8	☐			726.71		P	3.3
9	☐			108.89		P	14.1

150 Nd [He] No available calibration points

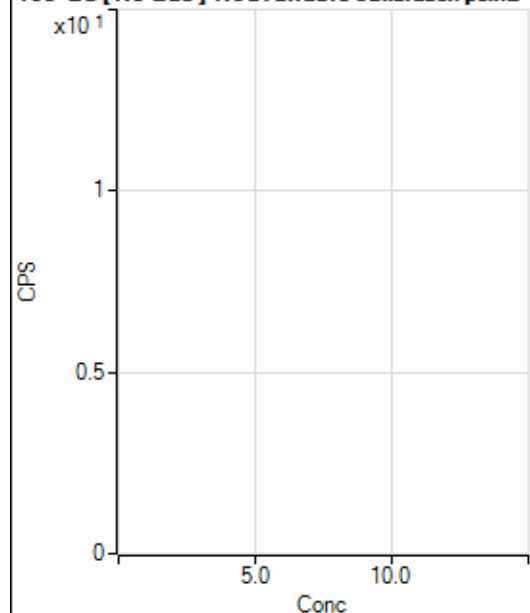
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			4.44		P	114.
5	☐			13.34		P	43.3
6	☐			28.89		P	13.3
7	☐			44.45		P	15.6
8	☐			108.89		P	26.4
9	☐			44.44		P	18.9

156 Dy [No Gas] No available calibration points

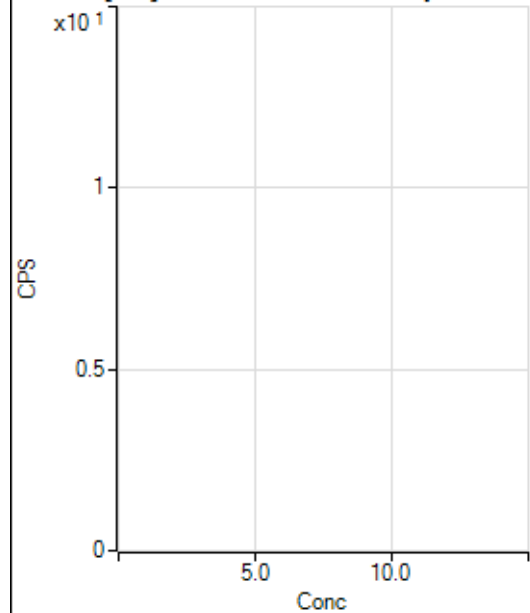
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐						
3	☐			8.33		P	173.
4	☐			16.67		P	86.6
5	☐			41.67		P	20.0
6	☐			30.56		P	31.5
7	☐			100.00		P	22.0
8	☐			186.12		P	6.8
9	☐			69.45		P	27.7

156 Dy [He] No available calibration points

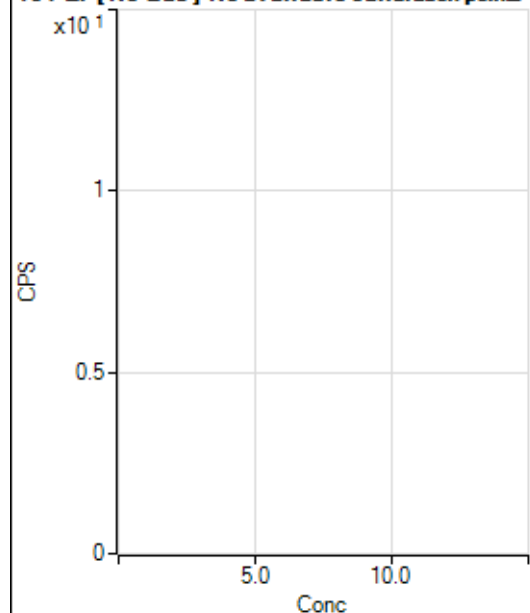
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			4.44		P	43.4
4	☐			6.67		P	0.0
5	☐			10.00		P	88.2
6	☐			33.33		P	10.0
7	☐			46.67		P	25.8
8	☐			93.34		P	25.8
9	☐			26.67		P	12.5

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

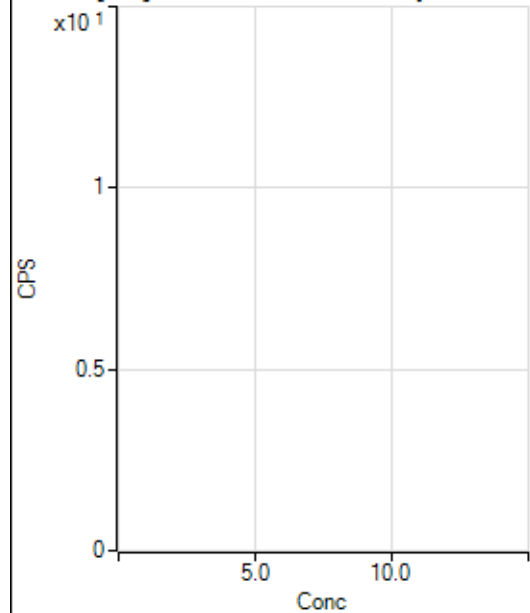
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	39.2
2	☐						
3	☐			41.67		P	52.9
4	☐			58.34		P	28.6
5	☐			72.22		P	29.0
6	☐			88.89		P	42.3
7	☐			100.01		P	22.0
8	☐			163.90		P	11.7
9	☐			125.01		P	30.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	16.5
2	☐						
3	☐			75.56		P	35.9
4	☐			54.45		P	46.4
5	☐			66.67		P	21.8
6	☐			75.56		P	22.2
7	☐			83.33		P	10.6
8	☐			135.56		P	20.5
9	☐			112.23		P	13.4

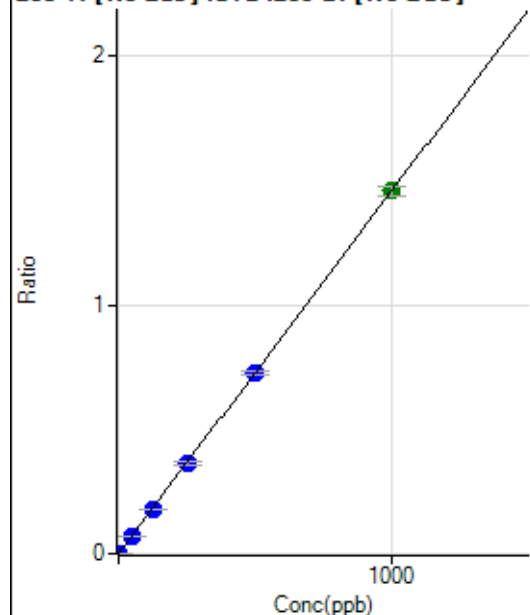
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			63.89		P	27.2
4	☐			22.22		P	43.3
5	☐			33.34		P	43.3
6	☐			41.67		P	91.7
7	☐			36.11		P	96.1
8	☐			88.90		P	10.8
9	☐			55.56		P	52.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐						
3	☐			18.89		P	40.7
4	☐			11.11		P	62.5
5	☐			13.33		P	25.0
6	☐			23.33		P	42.9
7	☐			20.00		P	60.1
8	☐			46.67		P	14.3
9	☐			28.89		P	33.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.924	9623.29	0.0014	P	3.7
4	☐	50.000	48.961	493512.93	0.0714	P	3.2
5	☐	125.000	123.043	1247096.57	0.1794	P	2.4
6	☐	250.000	249.914	2453581.07	0.3644	P	5.3
7	☐	500.000	498.617	4833770.38	0.7269	P	1.8
8	☐	1000.000	1001.010	9462472.78	1.4592	A	2.5
9	☐			4923.37	0.0009	P	3.2

$$y = 0.0015 * x + 4.7309E-005$$

$$R = 1.0000$$

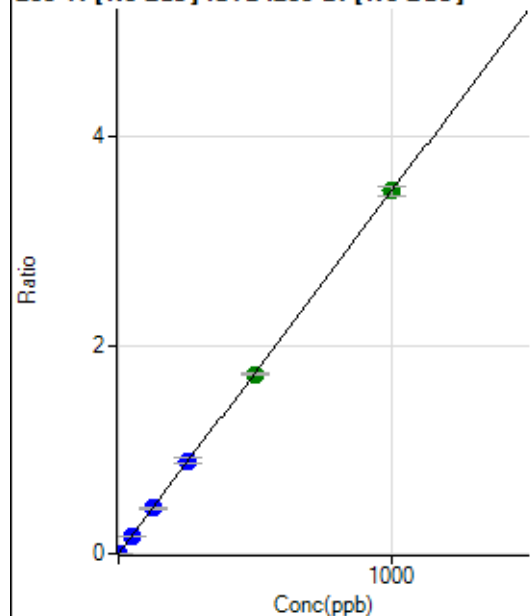
$$DL = 0.01065$$

$$BEC = 0.03245$$

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	836.18	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.911	22661.85	0.0033	P	2.4
4	☐	50.000	49.540	1190513.43	0.1723	P	3.1
5	☐	125.000	124.845	3016718.51	0.4340	P	2.3
6	☐	250.000	256.216	5997287.55	0.8905	P	5.0
7	☐	500.000	495.590	11454133.68	1.7224	A	1.4
8	☐	1000.000	1000.694	22550767.86	3.4778	A	2.7
9	☐			11466.54	0.0021	P	2.8

$$y = 0.0035 * x + 1.1778E-004$$

$$R = 1.0000$$

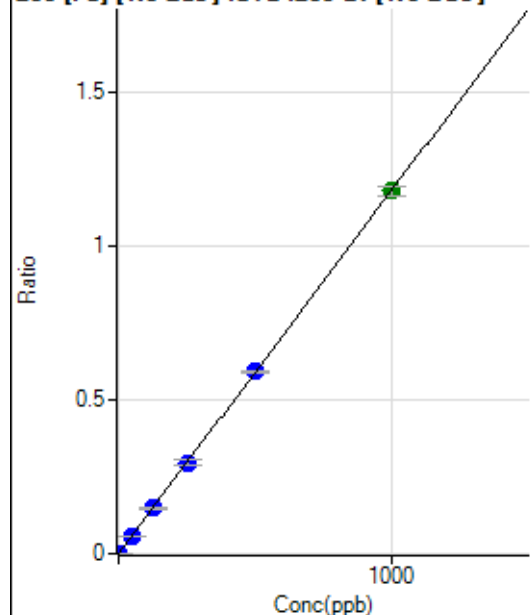
$$DL = 0.006139$$

$$BEC = 0.03389$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1066.74	0.0002	P	13.2
2	☐	0.100					
3	☐	1.000	0.914	8467.76	0.0012	P	1.3
4	☐	50.000	49.268	402078.39	0.0582	P	3.0
5	☐	125.000	124.562	1020909.29	0.1469	P	2.5
6	☐	250.000	251.215	1993770.21	0.2961	P	5.2
7	☐	500.000	500.884	3924605.18	0.5902	P	1.4
8	☐	1000.000	999.346	7634391.84	1.1773	A	2.4
9	☐			15692.96	0.0028	P	1.6

$$y = 0.0012 * x + 1.5034E-004$$

$$R = 1.0000$$

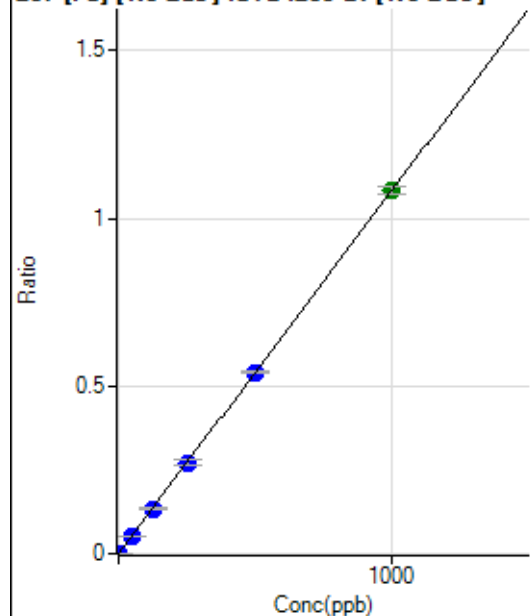
$$DL = 0.0504$$

$$BEC = 0.1276$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	964.88	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.867	7405.98	0.0011	P	2.0
4	☐	50.000	49.163	368295.17	0.0533	P	2.6
5	☐	125.000	122.788	923693.58	0.1329	P	2.8
6	☐	250.000	250.318	1823368.55	0.2708	P	5.4
7	☐	500.000	500.017	3596225.25	0.5408	P	1.1
8	☐	1000.000	1000.231	7013775.33	1.0816	A	2.3
9	☐			13403.37	0.0024	P	1.9

$$y = 0.0011 * x + 1.3591E-004$$

$$R = 1.0000$$

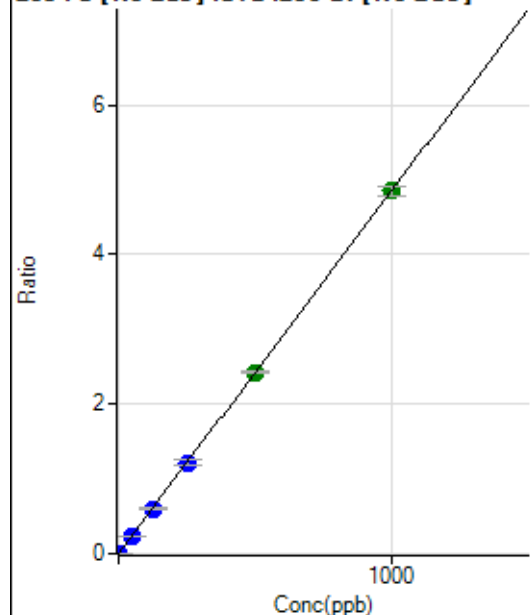
$$DL = 0.02209$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4324.49	0.0006	P	5.0
2	☐	0.100					
3	☐	1.000	0.899	34318.49	0.0050	P	2.6
4	☐	50.000	49.263	1655667.89	0.2396	P	3.1
5	☐	125.000	123.234	4159644.46	0.5984	P	2.6
6	☐	250.000	251.338	8214817.79	1.2199	P	5.3
7	☐	500.000	499.538	16119866.62	2.4240	A	1.4
8	☐	1000.000	1000.154	31467251.69	4.8526	A	2.3
9	☐			62273.60	0.0113	P	1.5

$$y = 0.0049 * x + 6.0917E-004$$

$$R = 1.0000$$

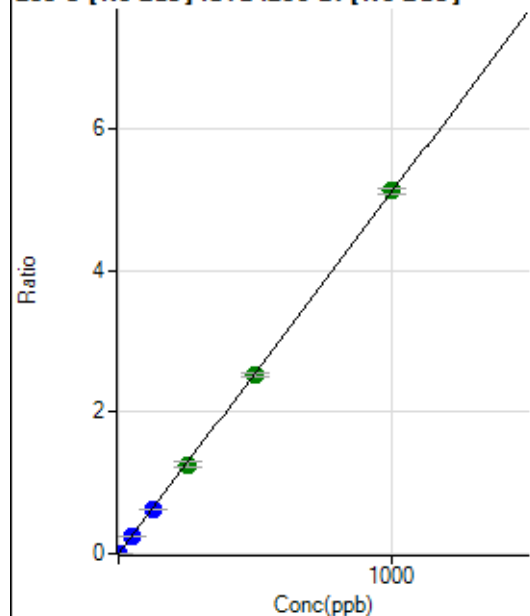
$$DL = 0.01891$$

$$BEC = 0.1256$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	472.25	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	0.876	31330.33	0.0045	P	4.0
4	☐	50.000	48.143	1699684.82	0.2460	P	3.3
5	☐	125.000	122.885	4363262.64	0.6278	P	2.8
6	☐	250.000	247.043	8498895.77	1.2619	A	4.9
7	☐	500.000	494.668	16803781.97	2.5268	A	1.2
8	☐	1000.000	1003.763	33250662.55	5.1272	A	1.7
9	☐			3931.31	0.0007	P	5.6

$$y = 0.0051 * x + 6.6504E-005$$

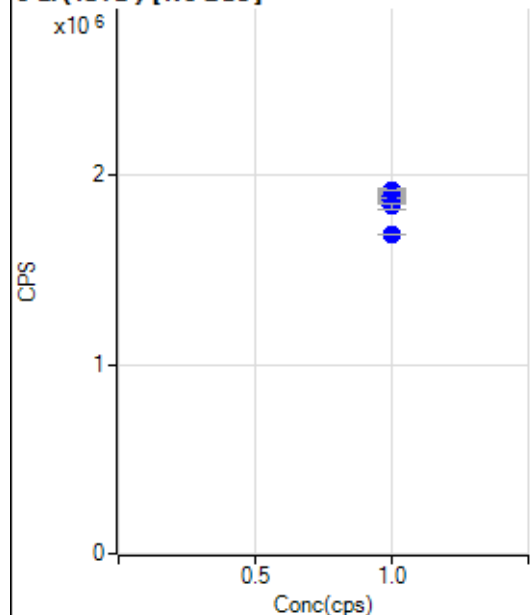
$$R = 1.0000$$

$$DL = 0.002552$$

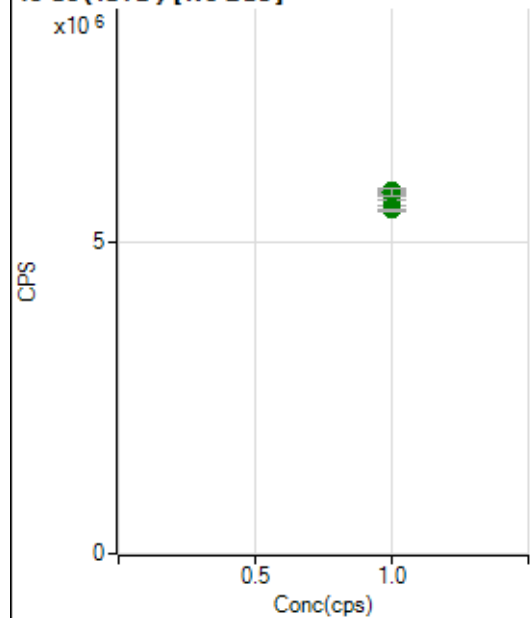
$$BEC = 0.01302$$

Weight: <None>

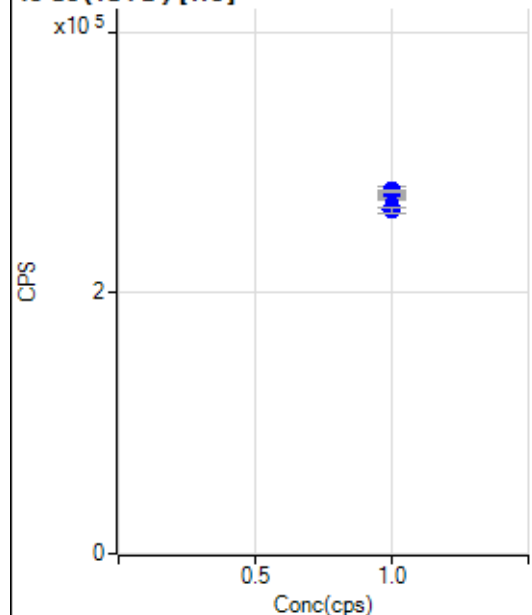
Min Conc: 0

6 Li (ISTD) [No Gas]

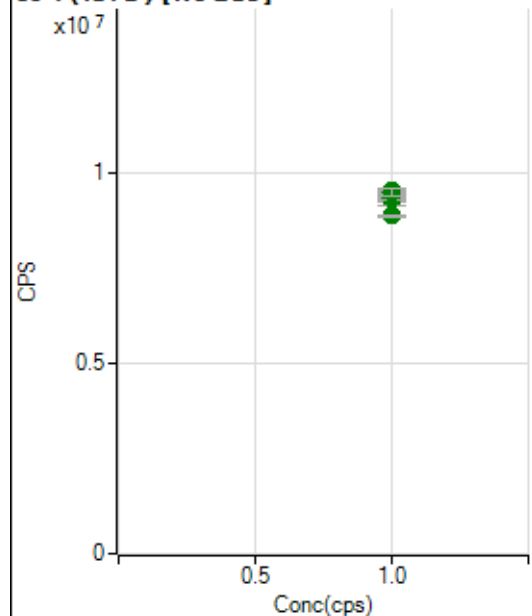
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1904908.55		P	0.5
2	☐	1.000					
3	☐	1.000		1912960.09		P	1.0
4	☐	1.000		1909784.09		P	1.7
5	☐	1.000		1916930.58		P	0.9
6	☐	1.000		1894657.09		P	2.7
7	☐	1.000		1865770.51		P	1.0
8	☐	1.000		1833977.37		P	2.0
9	☐	1.000		1686114.07		P	0.5

45 Sc (ISTD) [No Gas]

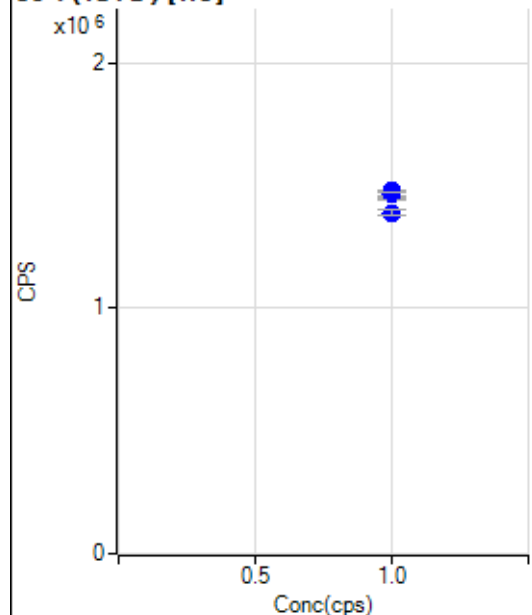
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5820473.87		A	0.2
2	☐	1.000					
3	☐	1.000		5769566.62		A	1.3
4	☐	1.000		5681613.32		A	3.9
5	☐	1.000		5727063.19		A	2.3
6	☐	1.000		5691443.05		A	4.0
7	☐	1.000		5723106.64		A	1.1
8	☐	1.000		5805587.07		A	1.8
9	☐	1.000		5509112.15		A	0.7

45 Sc (ISTD) [He]

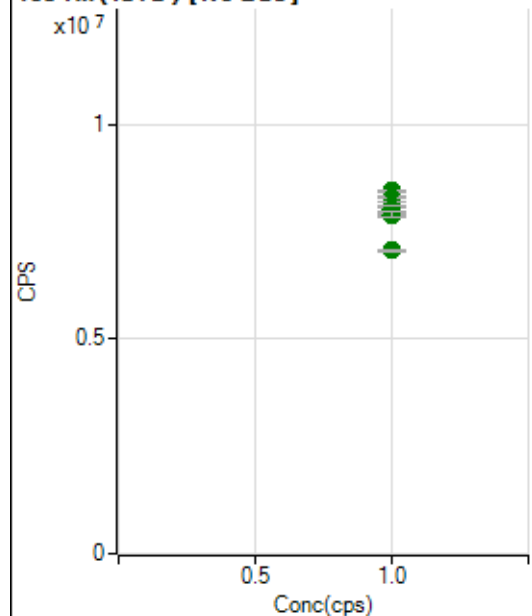
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		277095.39		P	3.4
2	☐	1.000					
3	☐	1.000		274627.01		P	1.9
4	☐	1.000		276988.62		P	0.3
5	☐	1.000		276332.96		P	0.9
6	☐	1.000		277397.25		P	1.3
7	☐	1.000		277680.65		P	3.2
8	☐	1.000		278446.58		P	0.7
9	☐	1.000		263576.24		P	1.6

89 Y (ISTD) [No Gas]

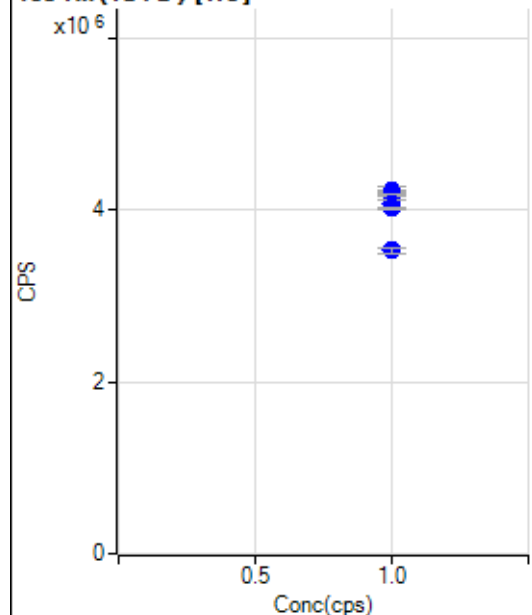
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9546311.59		A	0.3
2	☐	1.000					
3	☐	1.000		9452631.31		A	0.8
4	☐	1.000		9375663.61		A	2.3
5	☐	1.000		9406910.55		A	1.1
6	☐	1.000		9310766.04		A	3.1
7	☐	1.000		9369087.22		A	1.0
8	☐	1.000		9521966.66		A	1.8
9	☐	1.000		8884582.64		A	0.2

89 Y(ISTD) [He]

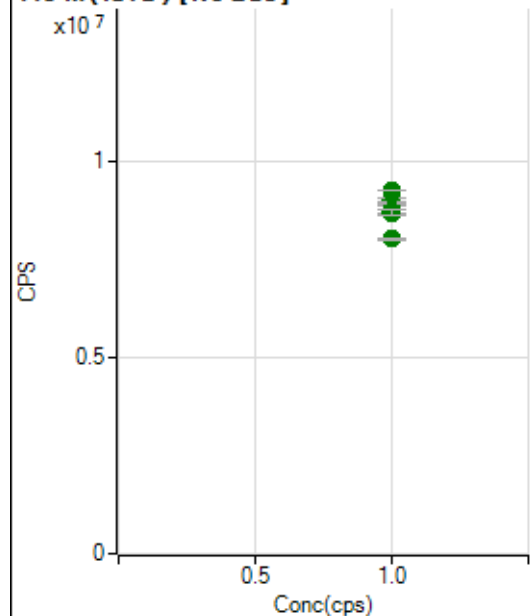
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1465113.56		P	2.4
2	☐	1.000					
3	☐	1.000		1463944.51		P	1.2
4	☐	1.000		1476692.20		P	0.7
5	☐	1.000		1476956.11		P	0.6
6	☐	1.000		1472537.46		P	0.6
7	☐	1.000		1460039.33		P	2.2
8	☐	1.000		1470121.18		P	0.2
9	☐	1.000		1389506.93		P	1.6

103 Rh(ISTD) [No Gas]

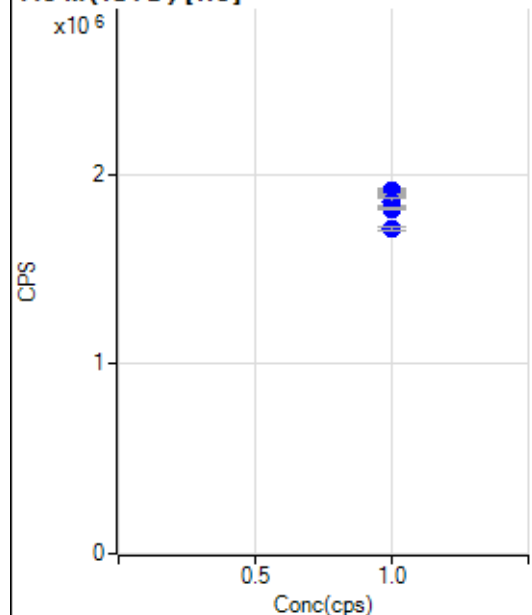
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8458493.51		A	0.5
2	☐	1.000					
3	☐	1.000		8311299.06		A	0.6
4	☐	1.000		8194312.86		A	2.4
5	☐	1.000		8133989.07		A	1.3
6	☐	1.000		8004127.70		A	2.9
7	☐	1.000		7902217.37		A	0.7
8	☐	1.000		7911997.92		A	1.6
9	☐	1.000		7065213.44		A	0.3

103 Rh (ISTD) [He]

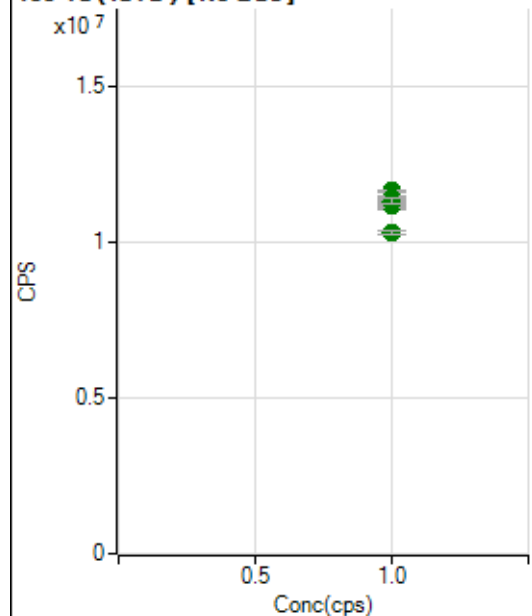
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4216717.96		P	2.5
2	☐	1.000					
3	☐	1.000		4188047.19		P	1.4
4	☐	1.000		4211841.88		P	0.6
5	☐	1.000		4188931.46		P	0.4
6	☐	1.000		4161587.96		P	0.7
7	☐	1.000		4064862.34		P	2.0
8	☐	1.000		4013662.61		P	0.2
9	☐	1.000		3520439.36		P	1.4

115 In (ISTD) [No Gas]

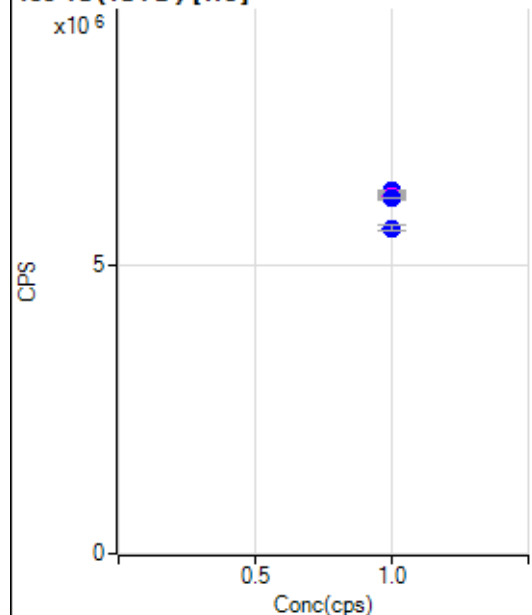
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9259445.62		A	0.1
2	☐	1.000					
3	☐	1.000		9043834.03		A	1.1
4	☐	1.000		8990090.87		A	2.2
5	☐	1.000		8930977.68		A	1.1
6	☐	1.000		8799198.15		A	2.9
7	☐	1.000		8746308.47		A	1.1
8	☐	1.000		8709970.67		A	2.0
9	☐	1.000		8029818.19		A	0.8

115 In (ISTD) [He]

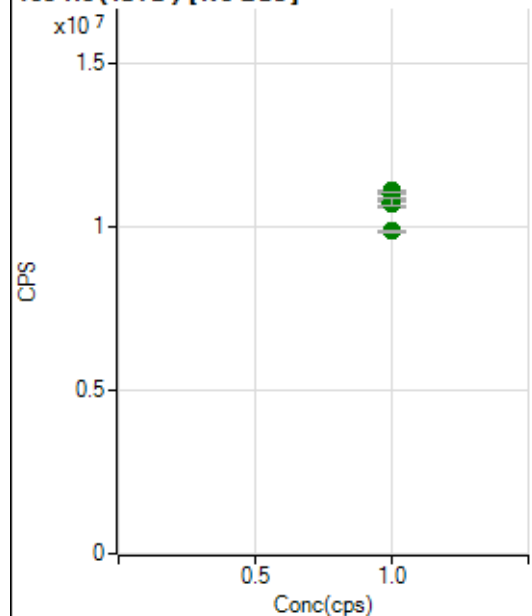
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1901646.94		P	2.4
2	☐	1.000					
3	☐	1.000		1896128.17		P	0.9
4	☐	1.000		1911762.14		P	0.2
5	☐	1.000		1900685.57		P	0.6
6	☐	1.000		1887609.25		P	0.8
7	☐	1.000		1852204.68		P	2.2
8	☐	1.000		1817411.72		P	0.4
9	☐	1.000		1708683.90		P	1.3

159 Tb (ISTD) [No Gas]

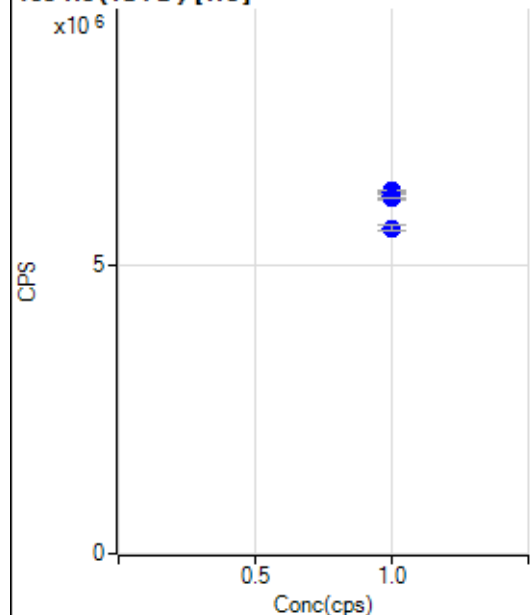
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11630332.47		A	0.2
2	☐	1.000					
3	☐	1.000		11366560.80		A	0.7
4	☐	1.000		11368107.75		A	2.0
5	☐	1.000		11405242.75		A	1.1
6	☐	1.000		11193115.39		A	2.6
7	☐	1.000		11153707.19		A	0.6
8	☐	1.000		11302949.69		A	1.6
9	☐	1.000		10319830.68		A	1.1

159 Tb (ISTD) [He]

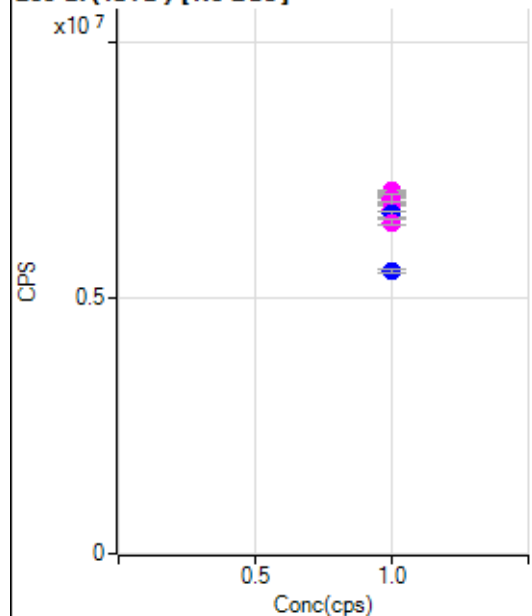
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6201456.16		P	2.4
2	☐	1.000					
3	☐	1.000		6176946.57		P	1.0
4	☐	1.000		6216993.59		M	1.2
5	☐	1.000		6276662.34		P	0.3
6	☐	1.000		6194969.49		M	1.6
7	☐	1.000		6165306.50		P	1.8
8	☐	1.000		6155378.66		P	0.4
9	☐	1.000		5635780.05		P	1.3

165 Ho (ISTD) [No Gas]

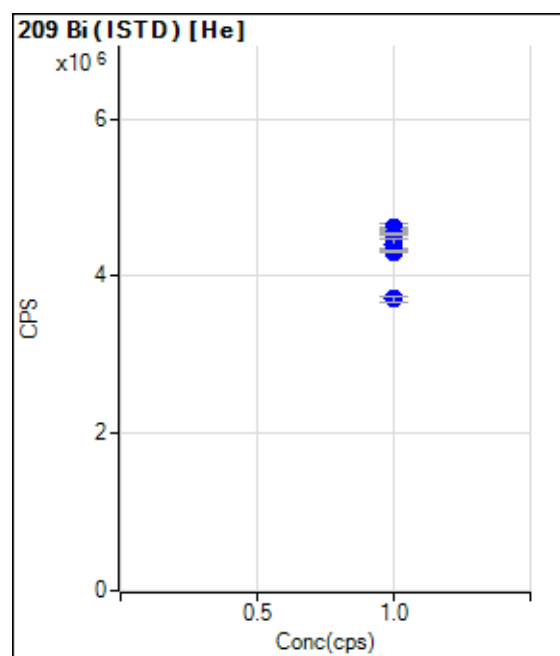
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11113742.18		A	0.2
2	☐	1.000					
3	☐	1.000		10890671.86		A	0.5
4	☐	1.000		10889955.37		A	1.9
5	☐	1.000		10989107.19		A	1.1
6	☐	1.000		10707620.21		A	2.4
7	☐	1.000		10713429.75		A	0.8
8	☐	1.000		10778735.66		A	1.8
9	☐	1.000		9879017.93		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6188760.19		P	2.4
2	☐	1.000					
3	☐	1.000		6181368.80		P	1.1
4	☐	1.000		6254010.39		P	0.2
5	☐	1.000		6283575.39		P	0.3
6	☐	1.000		6254033.03		P	0.9
7	☐	1.000		6168811.78		P	1.8
8	☐	1.000		6160641.23		P	0.5
9	☐	1.000		5633875.54		P	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7100810.24		M	0.8
2	☐	1.000					
3	☐	1.000		6903737.05		M	1.6
4	☐	1.000		6914414.27		M	2.9
5	☐	1.000		6953280.94		M	2.2
6	☐	1.000		6744714.07		M	4.5
7	☐	1.000		6650941.71		P	1.4
8	☐	1.000		6486611.92		M	2.0
9	☐	1.000		5535891.86		P	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4599458.19		P	2.9
2	☐	1.000					
3	☐	1.000		4580275.59		P	1.4
4	☐	1.000		4615263.89		P	0.4
5	☐	1.000		4595866.46		P	0.6
6	☐	1.000		4536030.35		P	0.7
7	☐	1.000		4412045.04		P	2.6
8	☐	1.000		4313757.47		P	0.4
9	☐	1.000		3710810.81		P	2.2

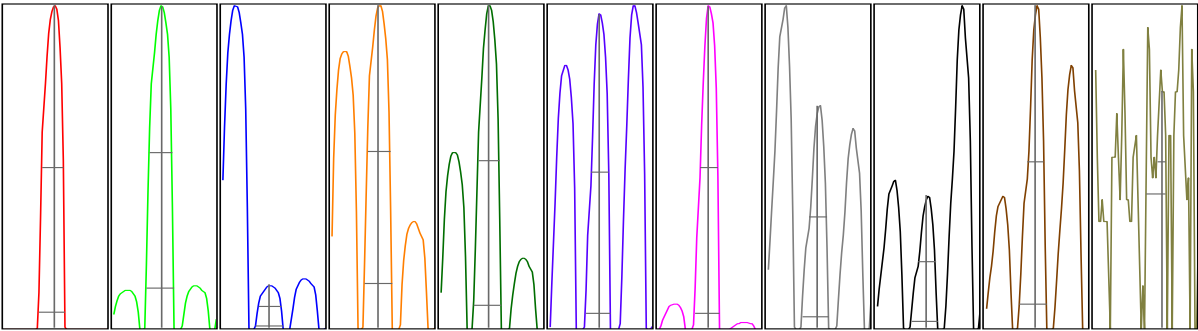
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7021618 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	10833	0.22	5.00	
24	788890	0.28	5.00	
25	108521	0.12	5.00	
26	123505	0.28	5.00	
59	117842	0.14	5.00	
113	14027	0.39	5.00	
115	183949	0.22	5.00	
206	40155	0.29	5.00	
207	36290	0.07	5.00	
208	86302	0.37	5.00	
220	0	31.11		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10792	10830	10847	10848	10847
24	785438	789848	788012	790303	790850
25	108326	108478	108563	108672	108564
26	122954	123491	123803	123459	123819
59	117805	117956	118026	117581	117840
113	14018	14122	14014	13995	13985
115	184332	184143	184150	183787	183330
206	40193	40116	40341	40086	40040
207	36288	36318	36304	36285	36252
208	86577	86437	86500	85796	86199
220	0	0	1	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18348	9.00	8.9 - 9.1		0.774	0.900	
24	1263612	23.95	23.9 - 24.1		0.801	0.900	
25	170773	24.90	24.9 - 25.1		0.788	0.900	
26	198589	25.90	25.9 - 26.1		0.796	0.900	
59	202901	58.95	58.9 - 59.1		0.799	0.900	
113	27131	113.00	112.9 - 113.1		0.727	0.900	
115	355676	115.00	114.9 - 115.1		0.729	0.900	
206	79652	206.00	205.9 - 206.1		0.777	0.900	
207	71898	207.00	206.9 - 207.1		0.774	0.900	
208	174086	208.00	207.9 - 208.1		0.782	0.900	
220	1	220.50	-		0.571		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	14.2	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	32614	0.24	
89	110727	0.22	
205	37941	0.43	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	32519	32575	32692	32699	32587
89	110530	110736	110912	111021	110434
205	37855	37764	38006	38185	37895

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	2.2	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.19	0.22	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.30	-0.08	-0.22	0.00	N/A	ppb
Boron	11-1	0.05	-0.09	0.04	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	0.04	-0.28	0.24	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.00	0.02	0.00	N/A	ppb
Calcium	43-1	-0.16	-0.39	0.55	0.00	N/A	ppb
Calcium	44-1	0.00	1.14	-1.13	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.03	-0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	0.02	-0.07	0.00	N/A	ppb
Iron	57-2	0.40	-0.37	-0.03	0.00	N/A	ppb
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.20	-0.01	-0.19	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-9.76	-2.13	4.18	-2.57		ppb
Potassium	39-2	5.90	-5.82	-0.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.14	-0.14	0.27	0.00	N/A	ppb
Selenium	78-2	0.17	-0.08	-0.09	0.00	N/A	ppb
Selenium	82-1	0.11	-0.19	0.08	0.00	N/A	ppb
Silicon	28-1	0.12	0.26	-0.38	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.40	-1.62	0.22	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-116.25	-14.53	-78.71	-69.83		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

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

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.03	17.31	17.30	17.21	0.94	ppb
Antimony	121-1	1.80	1.77	1.74	1.77	1.42	ppb
Arsenic	75-2	0.81	0.92	0.88	0.87	6.53	ppb
Barium	135-1	9.20	8.77	8.90	8.96	2.44	ppb
Barium	137-1	9.24	9.11	9.13	9.16	0.72	ppb
Beryllium	9-1	0.95	0.95	1.01	0.97	4.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	23.26	21.99	23.96	23.07	4.34	ppb
Boron	11-1	21.64	21.05	22.03	21.57	2.29	ppb
Cadmium	111-1	0.93	0.85	0.92	0.90	5.05	ppb
Cadmium	106-1	1.43	0.01	1.09	0.84	88.41	ppb
Cadmium	108-1	0.88	0.85	0.89	0.87	2.17	ppb
Calcium	43-1	433.58	432.04	420.53	428.72	1.66	ppb
Calcium	44-1	424.17	423.03	432.90	426.70	1.26	ppb
Chromium	52-2	1.97	2.07	1.96	2.00	2.99	ppb
Cobalt	59-2	0.93	0.96	0.94	0.94	1.82	ppb
Copper	63-2	1.82	1.88	1.72	1.81	4.51	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				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	46.20	48.07	46.11	46.79	2.36	ppb
Iron	57-2	46.04	47.73	44.45	46.08	3.56	ppb
Lead	206-1	0.92	0.90	0.92	0.91	1.47	ppb
Lead	207-1	0.89	0.85	0.86	0.87	2.28	ppb
Lead	208-1	0.92	0.87	0.91	0.90	2.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	457.62	479.09	455.26	463.99	2.83	ppb
Manganese	55-2	0.91	0.97	0.93	0.94	3.06	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.59	4.47	4.56	1.83	ppb
Molybdenum	95-1	4.56	4.48	4.52	4.52	0.87	ppb
Molybdenum	96-1	4.74	4.56	4.42	4.57	3.45	ppb
Molybdenum	97-1	4.56	4.51	4.38	4.48	2.10	ppb
Molybdenum	98-1	4.57	4.45	4.48	4.50	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.07	0.95	1.02	5.86	ppb
Phosphorus	31-2	2.97	1.60	3.14	2.57	32.84	ppb
Potassium	39-2	433.79	452.52	441.82	442.71	2.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	4.77	3.21	4.38	4.12	19.68	ppb
Selenium	78-2	4.88	4.45	3.75	4.36	13.08	ppb
Selenium	82-1	5.03	4.50	4.68	4.74	5.64	ppb
Silicon	28-1	14.94	15.14	16.27	15.45	4.66	ppb
Silver	109-1	0.94	0.99	0.99	0.97	3.06	ppb
Silver	107-1	0.94	0.96	0.95	0.95	1.40	ppb
Sodium	23-2	447.02	469.88	452.69	456.53	2.61	ppb
Strontium	86-1	0.92	0.90	0.90	0.90	1.33	ppb
Strontium	88-1	0.93	0.93	0.94	0.93	0.44	ppb
Sulfur	34-1	76.91	-73.36	205.95	69.83	200.18	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.94	0.88	0.95	0.92	3.78	ppb
Thallium	205-1	0.94	0.89	0.90	0.91	2.44	ppb
Tin	118-1	4.51	4.49	4.49	4.49	0.25	ppb
Titanium	47-1	4.50	4.91	4.69	4.70	4.44	ppb
Uranium	238-1	0.92	0.86	0.85	0.88	4.07	ppb
Vanadium	51-2	4.50	4.61	4.51	4.54	1.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.18	2.14	1.99	2.10	4.82	ppb
Zirconium	90-1	0.90	0.86	0.89	0.88	2.12	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.92	0.91	0.90	3.65	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	980.94	968.99	977.35	975.76	0.63	ppb
Antimony	121-1	47.23	49.78	49.73	48.91	2.98	ppb
Arsenic	75-2	51.37	50.12	50.88	50.79	1.24	ppb
Barium	135-1	243.68	253.75	251.58	249.67	2.12	ppb
Barium	137-1	243.40	255.29	253.33	250.67	2.54	ppb
Beryllium	9-1	50.87	52.14	52.20	51.73	1.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	44.21	51.81	47.55	47.86	7.96	ppb
Boron	11-1	47.28	49.55	49.12	48.65	2.48	ppb
Cadmium	111-1	50.17	52.31	51.73	51.40	2.15	ppb
Cadmium	106-1	51.28	48.99	51.98	50.75	3.08	ppb
Cadmium	108-1	51.02	52.99	51.44	51.82	2.00	ppb
Calcium	43-1	4721.31	5066.75	4821.29	4869.79	3.65	ppb
Calcium	44-1	4645.10	5034.29	4805.63	4828.34	4.05	ppb
Chromium	52-2	50.58	51.08	50.90	50.85	0.50	ppb
Cobalt	59-2	51.18	51.63	51.40	51.40	0.44	ppb
Copper	63-2	105.88	107.22	106.38	106.49	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	2489.80	2489.47	2491.69	2490.32	0.05	ppb
Iron	57-2	2477.31	2479.05	2483.85	2480.07	0.14	ppb
Lead	206-1	48.32	50.97	48.51	49.27	3.00	ppb
Lead	207-1	48.31	50.65	48.53	49.16	2.63	ppb
Lead	208-1	48.10	50.98	48.71	49.26	3.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	5050.94	5053.44	5016.18	5040.19	0.41	ppb
Manganese	55-2	101.44	101.37	102.16	101.66	0.43	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	241.91	255.39	253.30	250.20	2.90	ppb
Molybdenum	95-1	241.87	256.68	250.80	249.78	2.99	ppb
Molybdenum	96-1	242.71	255.89	251.37	249.99	2.68	ppb
Molybdenum	97-1	243.59	257.27	251.62	250.83	2.74	ppb
Molybdenum	98-1	245.94	258.51	253.61	252.69	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.59	52.73	52.64	52.65	0.14	ppb
Phosphorus	31-2	999.54	1018.29	958.24	992.02	3.10	ppb
Potassium	39-2	2404.01	2391.05	2391.03	2395.36	0.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	51.29	59.93	53.84	55.02	8.07	ppb
Selenium	78-2	54.14	52.74	51.47	52.78	2.53	ppb
Selenium	82-1	51.75	52.83	52.09	52.22	1.06	ppb
Silicon	28-1	60.95	71.59	65.54	66.03	8.09	ppb
Silver	109-1	49.56	52.38	51.34	51.09	2.80	ppb
Silver	107-1	49.53	51.44	51.18	50.71	2.04	ppb
Sodium	23-2	5016.06	5015.47	5007.25	5012.92	0.10	ppb
Strontium	86-1	49.36	51.33	50.33	50.34	1.95	ppb
Strontium	88-1	49.78	51.38	50.51	50.56	1.58	ppb
Sulfur	34-1	936.63	1571.15	1085.46	1197.75	27.70	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	47.50	50.64	48.75	48.96	3.23	ppb
Thallium	205-1	48.46	51.28	48.88	49.54	3.08	ppb
Tin	118-1	48.34	50.66	50.18	49.72	2.47	ppb
Titanium	47-1	246.64	265.23	252.13	254.67	3.75	ppb
Uranium	238-1	46.99	49.96	47.48	48.14	3.31	ppb
Vanadium	51-2	50.51	50.01	50.42	50.31	0.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	105.51	106.13	106.36	106.00	0.42	ppb
Zirconium	90-1	47.84	50.85	50.19	49.63	3.20	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.62	51.53	50.54	50.23	2.95	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:30:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2478.94	2417.64	2417.99	2438.19	1.45	ppb
Antimony	121-1	121.14	125.50	124.25	123.63	1.82	ppb
Arsenic	75-2	125.07	124.61	124.30	124.66	0.31	ppb
Barium	135-1	620.97	641.99	624.62	629.19	1.78	ppb
Barium	137-1	627.35	635.70	624.55	629.20	0.92	ppb
Beryllium	9-1	126.70	129.48	128.69	128.29	1.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	117.22	120.81	125.10	121.04	3.26	ppb
Boron	11-1	119.97	123.88	123.57	122.48	1.77	ppb
Cadmium	111-1	126.42	130.27	127.27	127.99	1.58	ppb
Cadmium	106-1	126.60	129.98	131.69	129.42	2.00	ppb
Cadmium	108-1	124.26	129.63	126.28	126.72	2.14	ppb
Calcium	43-1	11695.66	12376.29	11943.46	12005.14	2.87	ppb
Calcium	44-1	11651.24	12307.83	11960.87	11973.32	2.74	ppb
Chromium	52-2	128.61	127.14	127.55	127.77	0.59	ppb
Cobalt	59-2	129.96	127.06	128.83	128.62	1.14	ppb
Copper	63-2	265.29	262.80	265.27	264.46	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	6286.40	6182.73	6230.51	6233.21	0.83	ppb
Iron	57-2	6220.29	6134.38	6206.46	6187.04	0.75	ppb
Lead	206-1	122.16	128.06	123.46	124.56	2.49	ppb
Lead	207-1	120.66	126.72	120.98	122.79	2.78	ppb
Lead	208-1	121.04	126.86	121.80	123.23	2.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	12791.49	12529.28	12585.24	12635.34	1.09	ppb
Manganese	55-2	256.00	250.70	254.67	253.79	1.09	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:30:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	622.45	639.99	632.85	631.77	1.40	ppb
Molybdenum	95-1	618.23	637.96	630.51	628.90	1.58	ppb
Molybdenum	96-1	620.49	636.34	631.68	629.50	1.29	ppb
Molybdenum	97-1	619.96	634.31	628.49	627.59	1.15	ppb
Molybdenum	98-1	622.98	643.00	637.60	634.53	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.46	129.65	131.94	131.35	1.13	ppb
Phosphorus	31-2	2579.85	2613.89	2589.60	2594.45	0.68	ppb
Potassium	39-2	6036.40	5958.79	6002.69	5999.29	0.65	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	134.38	126.92	126.58	129.29	3.41	ppb
Selenium	78-2	133.14	124.90	131.36	129.80	3.34	ppb
Selenium	82-1	128.79	130.94	132.08	130.60	1.28	ppb
Silicon	28-1	148.79	160.12	154.92	154.61	3.67	ppb
Silver	109-1	125.59	128.93	126.18	126.90	1.40	ppb
Silver	107-1	125.28	127.79	126.35	126.47	1.00	ppb
Sodium	23-2	12616.01	12322.80	12421.53	12453.45	1.20	ppb
Strontium	86-1	124.49	127.74	125.53	125.92	1.32	ppb
Strontium	88-1	125.58	128.64	126.89	127.04	1.21	ppb
Sulfur	34-1	2615.00	2968.28	2636.66	2739.98	7.23	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	120.12	126.05	122.96	123.04	2.41	ppb
Thallium	205-1	122.04	127.71	124.79	124.84	2.27	ppb
Tin	118-1	121.19	126.56	122.94	123.57	2.21	ppb
Titanium	47-1	613.37	647.01	628.79	629.72	2.67	ppb
Uranium	238-1	119.81	126.61	122.23	122.89	2.81	ppb
Vanadium	51-2	126.44	123.80	126.49	125.58	1.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	265.37	261.63	266.59	264.53	0.98	ppb
Zirconium	90-1	123.45	126.41	125.95	125.27	1.27	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:30:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.42	127.14	126.28	125.61	1.55	ppb

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 09:33:56 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4748.10	4835.47	4918.04	4833.87	1.76	ppb
Antimony	121-1	245.37	250.45	264.43	253.42	3.89	ppb
Arsenic	75-2	247.16	250.08	254.29	250.51	1.43	ppb
Barium	135-1	1242.45	1268.02	1324.26	1278.24	3.27	ppb
Barium	137-1	1255.47	1280.73	1340.32	1292.17	3.37	ppb
Beryllium	9-1	252.41	253.21	266.45	257.36	3.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	245.97	251.73	266.64	254.78	4.19	ppb
Boron	11-1	238.62	245.30	259.47	247.80	4.30	ppb
Cadmium	111-1	253.53	257.40	268.81	259.91	3.06	ppb
Cadmium	106-1	257.73	252.86	267.07	259.22	2.79	ppb
Cadmium	108-1	256.94	260.32	270.12	262.46	2.61	ppb
Calcium	43-1	23596.18	23900.87	25253.97	24250.34	3.64	ppb
Calcium	44-1	23289.53	23631.15	25188.74	24036.47	4.21	ppb
Chromium	52-2	249.44	250.13	255.44	251.67	1.30	ppb
Cobalt	59-2	249.77	252.81	257.48	253.35	1.53	ppb
Copper	63-2	514.93	517.79	528.65	520.46	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	12224.48	12226.41	12480.78	12310.56	1.20	ppb
Iron	57-2	12117.63	12192.00	12521.59	12277.07	1.75	ppb
Lead	206-1	241.70	245.96	265.98	251.22	5.16	ppb
Lead	207-1	240.04	245.19	265.73	250.32	5.43	ppb
Lead	208-1	241.24	246.31	266.46	251.34	5.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	24694.75	24944.87	25335.49	24991.70	1.29	ppb
Manganese	55-2	496.11	500.83	507.90	501.61	1.18	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:33:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1256.11	1278.23	1350.90	1295.08	3.83	ppb
Molybdenum	95-1	1244.18	1256.95	1338.24	1279.79	3.99	ppb
Molybdenum	96-1	1234.60	1257.00	1328.67	1273.42	3.86	ppb
Molybdenum	97-1	1245.06	1271.10	1339.80	1285.32	3.81	ppb
Molybdenum	98-1	1241.05	1257.77	1326.59	1275.13	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.13	257.70	263.67	258.17	2.05	ppb
Phosphorus	31-2	4905.59	5073.30	5262.44	5080.44	3.51	ppb
Potassium	39-2	11831.30	11936.02	12139.74	11969.02	1.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	259.71	255.36	243.17	252.75	3.39	ppb
Selenium	78-2	248.94	253.22	251.13	251.10	0.85	ppb
Selenium	82-1	256.03	259.72	274.47	263.41	3.70	ppb
Silicon	28-1	292.13	297.52	326.68	305.44	6.09	ppb
Silver	109-1	252.01	254.67	266.78	257.82	3.05	ppb
Silver	107-1	251.48	255.12	265.96	257.52	2.93	ppb
Sodium	23-2	24440.17	24581.85	25054.61	24692.21	1.30	ppb
Strontium	86-1	250.83	251.90	266.12	256.28	3.33	ppb
Strontium	88-1	246.95	251.61	264.88	254.48	3.66	ppb
Sulfur	34-1	4773.29	4969.98	5852.60	5198.63	11.06	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	239.31	245.80	264.63	249.91	5.26	ppb
Thallium	205-1	246.96	250.85	270.85	256.22	5.00	ppb
Tin	118-1	245.45	250.14	261.96	252.52	3.37	ppb
Titanium	47-1	1243.22	1248.96	1351.35	1281.18	4.75	ppb
Uranium	238-1	238.33	242.06	260.74	247.04	4.86	ppb
Vanadium	51-2	246.70	248.43	254.64	249.92	1.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	512.79	518.82	528.37	519.99	1.51	ppb
Zirconium	90-1	249.16	253.20	268.81	257.06	4.04	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:33:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.60	250.63	264.10	254.44	3.31	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:37:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9278.45	9524.36	9877.91	9560.24	3.15	ppb
Antimony	121-1	507.58	506.82	518.49	510.96	1.28	ppb
Arsenic	75-2	491.52	499.92	519.05	503.50	2.80	ppb
Barium	135-1	2522.79	2503.80	2548.80	2525.13	0.89	ppb
Barium	137-1	2522.35	2503.60	2549.52	2525.16	0.91	ppb
Beryllium	9-1	509.60	504.78	514.99	509.79	1.00	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	494.36	502.32	507.22	501.30	1.29	ppb
Boron	11-1	492.81	497.68	515.50	502.00	2.38	ppb
Cadmium	111-1	509.71	508.41	518.42	512.18	1.06	ppb
Cadmium	106-1	515.44	511.28	513.82	513.51	0.41	ppb
Cadmium	108-1	513.32	514.43	516.60	514.78	0.32	ppb
Calcium	43-1	48157.56	47298.27	48201.55	47885.79	1.06	ppb
Calcium	44-1	47962.77	47060.96	48053.19	47692.31	1.15	ppb
Chromium	52-2	485.62	497.94	518.81	500.79	3.35	ppb
Cobalt	59-2	487.18	499.06	524.22	503.49	3.76	ppb
Copper	63-2	998.44	1023.77	1066.38	1029.53	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	23735.32	24295.73	25322.02	24451.02	3.29	ppb
Iron	57-2	23491.43	24237.22	25333.82	24354.16	3.81	ppb
Lead	206-1	502.72	493.06	506.87	500.88	1.41	ppb
Lead	207-1	503.29	493.63	503.14	500.02	1.11	ppb
Lead	208-1	501.67	491.87	505.08	499.54	1.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	48108.35	49116.57	51010.43	49411.78	2.98	ppb
Manganese	55-2	968.94	997.40	1037.30	1001.22	3.43	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:37:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2520.39	2499.48	2553.82	2524.57	1.09	ppb
Molybdenum	95-1	2516.47	2504.95	2546.90	2522.77	0.86	ppb
Molybdenum	96-1	2512.60	2500.65	2554.74	2522.66	1.13	ppb
Molybdenum	97-1	2511.31	2502.06	2552.50	2521.96	1.06	ppb
Molybdenum	98-1	2513.00	2500.56	2553.70	2522.42	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.75	503.20	531.03	507.99	4.14	ppb
Phosphorus	31-2	9749.44	10036.39	10502.70	10096.18	3.77	ppb
Potassium	39-2	22824.80	23419.80	24383.30	23542.64	3.34	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	499.80	492.07	543.57	511.81	5.43	ppb
Selenium	78-2	492.15	514.40	517.68	508.08	2.73	ppb
Selenium	82-1	511.64	511.43	521.89	514.99	1.16	ppb
Silicon	28-1	579.49	570.43	583.88	577.93	1.19	ppb
Silver	109-1	512.28	510.86	516.76	513.30	0.60	ppb
Silver	107-1	510.55	511.25	515.07	512.29	0.48	ppb
Sodium	23-2	47749.15	48831.78	50624.65	49068.53	2.96	ppb
Strontium	86-1	498.63	500.88	510.64	503.38	1.27	ppb
Strontium	88-1	502.56	498.59	511.56	504.24	1.32	ppb
Sulfur	34-1	10147.49	9835.95	10273.41	10085.62	2.23	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	497.75	490.20	507.90	498.62	1.78	ppb
Thallium	205-1	497.95	487.66	501.16	495.59	1.42	ppb
Tin	118-1	507.97	503.90	514.20	508.69	1.02	ppb
Titanium	47-1	2544.46	2513.50	2556.30	2538.09	0.87	ppb
Uranium	238-1	493.56	489.47	500.98	494.67	1.18	ppb
Vanadium	51-2	485.23	497.56	518.61	500.47	3.37	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	990.37	1010.96	1052.68	1018.00	3.12	ppb
Zirconium	90-1	503.50	498.50	510.18	504.06	1.16	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:37:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.67	496.90	508.18	502.58	1.12	ppb

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 09:41:21 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18624.96	18904.28	18873.75	18801.00	0.81	ppb
Antimony	121-1	991.33	976.17	1014.17	993.89	1.92	ppb
Arsenic	75-2	994.79	999.72	999.87	998.13	0.29	ppb
Barium	135-1	4978.35	4888.22	5073.04	4979.87	1.86	ppb
Barium	137-1	4968.20	4890.90	5069.87	4976.32	1.80	ppb
Beryllium	9-1	988.01	980.02	1010.27	992.77	1.58	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	981.90	986.19	1028.32	998.80	2.57	ppb
Boron	11-1	978.72	993.98	1027.37	1000.02	2.49	ppb
Cadmium	111-1	987.27	974.59	1011.10	990.99	1.87	ppb
Cadmium	106-1	985.13	975.83	1010.08	990.35	1.79	ppb
Cadmium	108-1	992.97	971.81	1002.79	989.19	1.60	ppb
Calcium	43-1	94649.15	92730.57	96671.34	94683.69	2.08	ppb
Calcium	44-1	93524.26	92569.51	95929.48	94007.75	1.84	ppb
Chromium	52-2	988.86	998.26	1009.28	998.80	1.02	ppb
Cobalt	59-2	988.02	994.98	1007.69	996.90	1.00	ppb
Copper	63-2	1965.68	1973.71	1994.57	1977.99	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	47893.48	48227.92	48615.02	48245.47	0.75	ppb
Iron	57-2	47987.74	48089.35	48791.98	48289.69	0.91	ppb
Lead	206-1	990.21	981.78	1026.04	999.35	2.35	ppb
Lead	207-1	991.84	982.63	1026.22	1000.23	2.30	ppb
Lead	208-1	991.45	982.35	1026.66	1000.15	2.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	96336.83	96538.38	97028.22	96634.48	0.37	ppb
Manganese	55-2	1977.41	1996.85	2021.04	1998.43	1.09	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:41:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4946.65	4883.15	5096.97	4975.59	2.21	ppb
Molybdenum	95-1	4971.93	4883.88	5086.26	4980.69	2.04	ppb
Molybdenum	96-1	4960.71	4896.45	5089.59	4982.25	1.97	ppb
Molybdenum	97-1	4941.04	4904.83	5093.61	4979.83	2.01	ppb
Molybdenum	98-1	4956.78	4891.92	5094.84	4981.18	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.85	991.98	1001.28	993.03	0.78	ppb
Phosphorus	31-2	19712.62	19856.27	20192.28	19920.39	1.24	ppb
Potassium	39-2	46494.65	46884.48	47141.17	46840.10	0.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	972.41	981.60	1023.87	992.62	2.76	ppb
Selenium	78-2	993.62	999.54	991.69	994.95	0.41	ppb
Selenium	82-1	985.10	972.22	1007.72	988.34	1.82	ppb
Silicon	28-1	939.27	926.23	962.35	942.61	1.94	ppb
Silver	109-1	990.32	975.45	1007.53	991.10	1.62	ppb
Silver	107-1	995.46	972.01	1007.78	991.75	1.83	ppb
Sodium	23-2	96379.22	96357.31	96783.59	96506.71	0.25	ppb
Strontium	86-1	993.57	980.35	1015.90	996.61	1.80	ppb
Strontium	88-1	990.63	982.15	1016.66	996.48	1.80	ppb
Sulfur	34-1	19877.78	19326.67	20398.50	19867.65	2.70	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	983.43	989.55	1030.05	1001.01	2.53	ppb
Thallium	205-1	988.67	981.79	1031.62	1000.69	2.70	ppb
Tin	118-1	989.09	984.86	1011.71	995.22	1.45	ppb
Titanium	47-1	4977.87	4868.72	5070.42	4972.34	2.03	ppb
Uranium	238-1	993.85	994.04	1023.40	1003.76	1.69	ppb
Vanadium	51-2	990.96	1000.45	1007.69	999.70	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1961.64	1975.20	2014.81	1983.88	1.39	ppb
Zirconium	90-1	991.39	981.75	1015.43	996.19	1.74	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:41:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	993.92	980.68	1017.93	997.51	1.89	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99319.97	98776.72	102784.92	100293.87	2.17	ppb
Antimony	121-1	2.92	2.82	2.85	2.86	1.91	ppb
Arsenic	75-2	0.59	0.63	0.61	0.61	3.23	ppb
Barium	135-1	1.87	1.54	1.54	1.65	11.37	ppb
Barium	137-1	1.59	1.67	1.57	1.61	3.25	ppb
Beryllium	9-1	0.23	0.28	0.26	0.26	9.27	ppb
Bismuth	209-1				78		%
Bismuth	209-2				81		%
Boron	10-1	38.75	37.65	35.68	37.36	4.17	ppb
Boron	11-1	40.27	37.11	33.40	36.93	9.31	ppb
Cadmium	111-1	0.19	0.19	0.18	0.19	4.78	ppb
Cadmium	106-1	0.56	0.75	-0.01	0.43	91.54	ppb
Cadmium	108-1	0.28	0.21	0.11	0.20	42.21	ppb
Calcium	43-1	502795.10	497675.21	503507.42	501325.91	0.63	ppb
Calcium	44-1	499906.87	499556.33	505013.86	501492.35	0.61	ppb
Chromium	52-2	19.71	19.70	20.47	19.96	2.20	ppb
Cobalt	59-2	1.30	1.34	1.37	1.34	2.53	ppb
Copper	63-2	2.35	2.24	2.42	2.34	3.95	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				89		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	56-2	249267.05	246632.52	255347.81	250415.79	1.78	ppb
Iron	57-2	248125.76	247327.17	255805.77	250419.57	1.87	ppb
Lead	206-1	2.23	2.30	2.30	2.28	1.73	ppb
Lead	207-1	2.07	2.14	2.14	2.11	2.00	ppb
Lead	208-1	2.15	2.21	2.22	2.19	1.59	ppb
Lithium	6-1				89		%
Magnesium	24-2	498036.26	492836.84	511312.68	500728.59	1.90	ppb
Manganese	55-2	6.49	6.66	6.82	6.66	2.50	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.36	4.14	3.95	4.15	5.01	ppb
Molybdenum	95-1	5.40	5.28	5.03	5.24	3.66	ppb
Molybdenum	96-1	6.35	5.76	5.67	5.93	6.19	ppb
Molybdenum	97-1	5.37	4.98	5.05	5.13	3.96	ppb
Molybdenum	98-1	5.25	4.97	4.89	5.04	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.77	12.84	13.37	12.99	2.55	ppb
Phosphorus	31-2	5.04	4.75	18.13	9.31	82.10	ppb
Potassium	39-2	248321.74	246706.04	257407.31	250811.69	2.30	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.73	-0.14	2.51	1.04	130.29	ppb
Selenium	78-2	-0.23	0.64	0.05	0.16	285.04	ppb
Selenium	82-1	0.83	0.99	0.77	0.86	12.96	ppb
Silicon	28-1	95.52	95.80	98.05	96.46	1.44	ppb
Silver	109-1	0.10	0.10	0.09	0.10	0.92	ppb
Silver	107-1	0.12	0.10	0.11	0.11	8.00	ppb
Sodium	23-2	499086.78	494997.85	508340.18	500808.27	1.36	ppb
Strontium	86-1	34.57	34.17	34.26	34.33	0.61	ppb
Strontium	88-1	34.42	34.61	34.80	34.61	0.55	ppb
Sulfur	34-1	-386.09	-358.26	-317.92	-354.09		ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	0.60	0.56	0.58	0.58	3.38	ppb
Thallium	205-1	0.57	0.57	0.54	0.56	2.98	ppb
Tin	118-1	1.41	1.42	1.39	1.41	1.07	ppb
Titanium	47-1	1.24	1.43	1.54	1.40	10.78	ppb
Uranium	238-1	0.13	0.13	0.12	0.13	6.15	ppb
Vanadium	51-2	0.25	0.31	0.29	0.28	11.12	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	7.48	7.17	7.95	7.53	5.25	ppb
Zirconium	90-1	0.33	0.33	0.30	0.32	4.64	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.37	0.30	0.33	10.68	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:58:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.21	483.63	493.03	483.63	1.95	ppb
Antimony	121-1	191.60	194.49	197.59	194.56	1.54	ppb
Arsenic	75-2	194.30	198.42	198.25	196.99	1.18	ppb
Barium	135-1	98.09	98.55	101.36	99.33	1.78	ppb
Barium	137-1	98.91	98.99	100.15	99.35	0.70	ppb
Beryllium	9-1	96.77	97.54	97.66	97.32	0.49	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Boron	10-1	527.37	520.15	536.10	527.87	1.51	ppb
Boron	11-1	519.95	530.05	528.92	526.31	1.05	ppb
Cadmium	111-1	104.76	106.79	106.36	105.97	1.01	ppb
Cadmium	106-1	169.49	169.59	172.27	170.45	0.92	ppb
Cadmium	108-1	137.49	134.65	138.52	136.89	1.46	ppb
Calcium	43-1	1998.85	2036.29	2067.00	2034.05	1.68	ppb
Calcium	44-1	1958.54	1958.87	1973.54	1963.65	0.44	ppb
Chromium	52-2	92.97	96.37	96.26	95.20	2.03	ppb
Cobalt	59-2	96.94	98.68	100.44	98.69	1.77	ppb
Copper	63-2	99.23	101.04	101.38	100.55	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	942.57	963.96	968.08	958.20	1.43	ppb
Iron	57-2	944.76	972.10	981.47	966.11	1.97	ppb
Lead	206-1	192.28	192.67	193.98	192.97	0.46	ppb
Lead	207-1	183.92	186.27	187.35	185.84	0.94	ppb
Lead	208-1	188.59	189.58	191.18	189.79	0.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	1107.92	1139.64	1148.93	1132.17	1.90	ppb
Manganese	55-2	94.59	97.44	97.49	96.51	1.72	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:58:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1046.66	1049.41	1066.96	1054.35	1.04	ppb
Molybdenum	95-1	466.74	470.70	475.40	470.95	0.92	ppb
Molybdenum	96-1	538.31	541.16	546.74	542.07	0.79	ppb
Molybdenum	97-1	464.72	467.20	468.96	466.96	0.46	ppb
Molybdenum	98-1	470.89	468.11	479.34	472.78	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.32	102.04	102.76	101.04	2.36	ppb
Phosphorus	31-2	4.15	6.46	-1.62	2.99	139.03	ppb
Potassium	39-2	1815.81	1863.53	1867.81	1849.05	1.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	192.70	194.11	202.31	196.37	2.64	ppb
Selenium	78-2	196.27	196.35	198.69	197.10	0.70	ppb
Selenium	82-1	199.79	201.93	205.29	202.34	1.37	ppb
Silicon	28-1	530.36	535.40	544.64	536.80	1.35	ppb
Silver	109-1	101.28	101.47	102.51	101.76	0.65	ppb
Silver	107-1	101.72	102.00	103.22	102.31	0.78	ppb
Sodium	23-2	1826.93	1882.35	1886.97	1865.42	1.79	ppb
Strontium	86-1	469.17	467.84	475.89	470.96	0.92	ppb
Strontium	88-1	473.23	470.03	479.02	474.09	0.96	ppb
Sulfur	34-1	-383.30	-202.60	-202.93	-262.94		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	192.91	195.17	196.75	194.95	0.99	ppb
Thallium	205-1	198.34	197.61	199.48	198.48	0.48	ppb
Tin	118-1	483.79	487.77	496.91	489.49	1.37	ppb
Titanium	47-1	475.94	478.97	484.65	479.85	0.92	ppb
Uranium	238-1	472.11	467.43	477.88	472.47	1.11	ppb
Vanadium	51-2	93.44	96.32	97.24	95.67	2.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	200.43	204.25	205.59	203.42	1.31	ppb
Zirconium	90-1	469.59	471.30	475.41	472.10	0.63	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:58:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	463.03	462.41	473.01	466.15	1.28	ppb

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 10:05:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.21	0.20	0.18	20.37	ppb
Antimony	121-1	0.34	0.31	0.36	0.34	7.84	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	101.79	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	256.63	ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	55.80	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	6.48	6.84	7.58	6.96	8.02	ppb
Boron	11-1	6.28	6.67	6.85	6.60	4.44	ppb
Cadmium	111-1	-0.01	-0.06	0.02	-0.02		ppb
Cadmium	106-1	-0.19	-0.86	0.15	-0.30		ppb
Cadmium	108-1	-0.02	-0.02	-0.04	-0.03		ppb
Calcium	43-1	3.28	3.50	1.99	2.92	27.92	ppb
Calcium	44-1	2.01	0.87	1.54	1.48	38.88	ppb
Chromium	52-2	0.03	0.04	0.01	0.03	48.69	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.55	-0.56	-0.55	-0.55		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				95		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	0.88	0.78	0.90	0.86	7.89	ppb
Iron	57-2	1.35	1.07	0.09	0.84	78.65	ppb
Lead	206-1	-0.01	0.00	0.01	0.00	428.51	ppb
Lead	207-1	0.01	0.00	0.00	0.01	71.82	ppb
Lead	208-1	0.01	0.01	0.01	0.01	17.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.71	1.31	1.10	1.37	22.77	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	388.32	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:05:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.15	0.18	0.18	13.53	ppb
Molybdenum	95-1	0.16	0.15	0.17	0.16	7.60	ppb
Molybdenum	96-1	0.19	0.15	0.17	0.17	12.88	ppb
Molybdenum	97-1	0.16	0.14	0.12	0.14	16.39	ppb
Molybdenum	98-1	0.15	0.16	0.14	0.15	8.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-9.16	-10.43	2.59	-5.67		ppb
Potassium	39-2	11.87	9.15	10.36	10.46	13.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	-0.14	-0.14	0.26	-0.01		ppb
Selenium	78-2	0.85	-0.61	-0.31	-0.02		ppb
Selenium	82-1	-0.43	-0.59	-0.28	-0.43		ppb
Silicon	28-1	-0.97	-1.16	-0.21	-0.78		ppb
Silver	109-1	0.01	0.00	0.01	0.01	48.19	ppb
Silver	107-1	0.01	0.01	0.02	0.01	25.12	ppb
Sodium	23-2	21.96	19.61	21.01	20.86	5.68	ppb
Strontium	86-1	-0.03	0.05	-0.01	0.01	688.99	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	21.64	ppb
Sulfur	34-1	-316.82	-370.27	-160.79	-282.63		ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	345.35	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	165.04	ppb
Tin	118-1	0.24	0.26	0.24	0.25	4.24	ppb
Titanium	47-1	0.04	0.05	0.05	0.05	11.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.21	0.18	0.30	0.23	26.99	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	12.93	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:05:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.02	0.04	58.44	ppb

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 10:09:01 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87604.51	89949.53	86734.11	88096.05	1.89	ppb
Antimony	121-1	1.57	1.57	1.45	1.53	4.54	ppb
Arsenic	75-2	0.26	0.39	0.28	0.31	23.23	ppb
Barium	135-1	1.41	1.48	1.41	1.43	2.58	ppb
Barium	137-1	1.51	1.60	1.40	1.50	6.57	ppb
Beryllium	9-1	0.31	0.31	0.26	0.30	9.44	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	7.19	7.23	7.02	7.15	1.56	ppb
Boron	11-1	7.47	7.23	7.27	7.32	1.72	ppb
Cadmium	111-1	0.37	0.38	0.30	0.35	12.21	ppb
Cadmium	106-1	-1.33	-0.21	-1.38	-0.97		ppb
Cadmium	108-1	11.18	11.33	10.19	10.90	5.70	ppb
Calcium	43-1	96121.99	94272.53	93241.11	94545.21	1.54	ppb
Calcium	44-1	95924.83	94011.94	92739.42	94225.40	1.70	ppb
Chromium	52-2	19.54	19.99	19.30	19.61	1.79	ppb
Cobalt	59-2	1.13	1.17	1.11	1.14	2.91	ppb
Copper	63-2	7.41	7.45	7.24	7.37	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	95666.13	97763.74	94382.94	95937.60	1.78	ppb
Iron	57-2	96271.19	97718.58	94547.20	96178.99	1.65	ppb
Lead	206-1	5.25	5.16	4.95	5.12	3.03	ppb
Lead	207-1	4.53	4.58	4.27	4.46	3.76	ppb
Lead	208-1	4.90	4.75	4.58	4.74	3.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	94730.80	97241.59	93761.17	95244.52	1.89	ppb
Manganese	55-2	7.70	7.90	7.63	7.74	1.82	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:09:01	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1381.58	1337.37	1324.95	1347.96	2.21	ppb
Molybdenum	95-1	1987.22	1922.56	1904.41	1938.06	2.25	ppb
Molybdenum	96-1	1898.81	1856.70	1828.00	1861.17	1.91	ppb
Molybdenum	97-1	1974.68	1922.69	1904.02	1933.80	1.89	ppb
Molybdenum	98-1	1977.25	1930.81	1910.05	1939.37	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.45	5.46	5.42	0.98	ppb
Phosphorus	31-2	97948.26	100247.02	97393.23	98529.50	1.54	ppb
Potassium	39-2	93225.12	95228.31	92059.48	93504.30	1.71	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	-0.14	0.27	0.26	0.13	177.16	ppb
Selenium	78-2	0.13	-0.32	0.96	0.26	254.01	ppb
Selenium	82-1	0.08	-0.58	-0.12	-0.21		ppb
Silicon	28-1	26.10	25.06	23.54	24.90	5.18	ppb
Silver	109-1	0.07	0.09	0.09	0.08	12.34	ppb
Silver	107-1	0.09	0.10	0.09	0.09	9.38	ppb
Sodium	23-2	94822.99	96523.97	93244.78	94863.91	1.73	ppb
Strontium	86-1	33.91	33.21	33.11	33.41	1.30	ppb
Strontium	88-1	34.05	33.33	32.89	33.43	1.75	ppb
Sulfur	34-1	85943.47	83338.44	81391.42	83557.78	2.73	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.13	0.11	0.12	9.68	ppb
Thallium	205-1	0.12	0.12	0.10	0.11	8.63	ppb
Tin	118-1	0.24	0.24	0.27	0.25	7.36	ppb
Titanium	47-1	2033.92	1977.37	1941.52	1984.27	2.35	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.80	ppb
Vanadium	51-2	0.18	0.16	0.16	0.17	7.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	11.56	11.60	11.43	11.53	0.76	ppb
Zirconium	90-1	0.38	0.31	0.26	0.32	17.91	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:09:01	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.29	0.28	0.31	11.71	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87798.97	90175.76	88086.52	88687.08	1.46	ppb
Antimony	121-1	21.21	20.95	21.04	21.07	0.63	ppb
Arsenic	75-2	19.45	20.44	20.09	19.99	2.50	ppb
Barium	135-1	22.02	21.11	21.30	21.48	2.25	ppb
Barium	137-1	21.60	21.57	21.22	21.47	0.98	ppb
Beryllium	9-1	20.44	20.15	20.31	20.30	0.72	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Boron	10-1	55.38	57.14	56.58	56.37	1.60	ppb
Boron	11-1	57.14	57.16	57.52	57.28	0.38	ppb
Cadmium	111-1	20.25	20.28	20.27	20.27	0.07	ppb
Cadmium	106-1	24.21	23.41	25.01	24.21	3.31	ppb
Cadmium	108-1	33.21	33.67	33.11	33.33	0.91	ppb
Calcium	43-1	94723.18	94314.54	94516.41	94518.04	0.22	ppb
Calcium	44-1	93955.17	93665.29	94061.93	93894.13	0.22	ppb
Chromium	52-2	38.92	40.37	39.32	39.53	1.91	ppb
Cobalt	59-2	21.05	21.49	21.04	21.19	1.20	ppb
Copper	63-2	27.25	28.19	27.52	27.65	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	96192.68	99093.50	95765.50	97017.23	1.87	ppb
Iron	57-2	95682.18	99143.49	96546.86	97124.18	1.85	ppb
Lead	206-1	25.65	25.00	25.31	25.32	1.28	ppb
Lead	207-1	23.60	23.18	23.50	23.43	0.93	ppb
Lead	208-1	24.12	23.84	24.07	24.01	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	95355.32	98172.16	95376.26	96301.25	1.68	ppb
Manganese	55-2	27.25	28.09	27.52	27.62	1.56	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1460.77	1439.04	1442.78	1447.53	0.80	ppb
Molybdenum	95-1	1988.67	1965.82	1967.06	1973.85	0.65	ppb
Molybdenum	96-1	1913.30	1898.16	1894.97	1902.14	0.51	ppb
Molybdenum	97-1	1969.57	1956.32	1963.95	1963.28	0.34	ppb
Molybdenum	98-1	1973.71	1956.76	1975.74	1968.73	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.27	25.96	25.10	25.44	1.79	ppb
Phosphorus	31-2	98687.14	101695.49	98563.86	99648.83	1.78	ppb
Potassium	39-2	93773.89	96011.72	93519.45	94435.02	1.45	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	21.99	24.53	13.88	20.13	27.61	ppb
Selenium	78-2	19.59	17.36	19.83	18.93	7.20	ppb
Selenium	82-1	19.81	20.19	21.60	20.53	4.59	ppb
Silicon	28-1	82.49	81.98	82.94	82.47	0.58	ppb
Silver	109-1	19.45	18.90	18.94	19.10	1.61	ppb
Silver	107-1	19.45	18.98	19.12	19.19	1.27	ppb
Sodium	23-2	95139.01	98452.62	95169.75	96253.80	1.98	ppb
Strontium	86-1	83.49	82.06	83.27	82.94	0.93	ppb
Strontium	88-1	84.17	83.41	84.67	84.08	0.75	ppb
Sulfur	34-1	82427.84	83469.31	82864.01	82920.38	0.63	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	20.44	20.23	20.32	20.33	0.50	ppb
Thallium	205-1	20.87	20.37	20.57	20.60	1.21	ppb
Tin	118-1	51.96	51.06	51.32	51.45	0.90	ppb
Titanium	47-1	2031.26	2022.57	2033.10	2028.98	0.28	ppb
Uranium	238-1	50.55	50.31	50.80	50.56	0.49	ppb
Vanadium	51-2	19.64	20.55	20.11	20.10	2.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	30.71	31.93	31.14	31.26	1.99	ppb
Zirconium	90-1	50.33	49.90	50.02	50.09	0.44	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.36	50.01	50.04	50.13	0.39	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47505.41	48353.13	48616.93	48158.49	1.21	ppb
Antimony	121-1	502.37	505.34	500.41	502.70	0.49	ppb
Arsenic	75-2	494.70	504.24	499.18	499.37	0.95	ppb
Barium	135-1	2527.70	2531.86	2505.03	2521.53	0.57	ppb
Barium	137-1	2526.67	2551.59	2493.35	2523.87	1.16	ppb
Beryllium	9-1	500.23	504.19	494.18	499.53	1.01	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Boron	10-1	496.86	503.40	508.57	502.94	1.17	ppb
Boron	11-1	499.32	508.79	510.53	506.21	1.19	ppb
Cadmium	111-1	494.18	494.90	489.83	492.97	0.56	ppb
Cadmium	106-1	503.25	501.89	508.48	504.54	0.69	ppb
Cadmium	108-1	497.70	506.51	496.50	500.24	1.09	ppb
Calcium	43-1	238296.58	236835.01	234372.27	236501.28	0.84	ppb
Calcium	44-1	236521.91	235497.29	233039.83	235019.67	0.76	ppb
Chromium	52-2	487.83	505.07	502.79	498.56	1.88	ppb
Cobalt	59-2	469.71	486.10	486.53	480.78	1.99	ppb
Copper	63-2	938.10	966.23	960.81	955.05	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	116175.89	118674.46	118617.38	117822.58	1.21	ppb
Iron	57-2	115726.86	119867.26	119439.52	118344.55	1.92	ppb
Lead	206-1	503.01	509.79	500.12	504.31	0.98	ppb
Lead	207-1	504.53	509.99	498.43	504.32	1.15	ppb
Lead	208-1	507.36	510.62	498.80	505.59	1.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	237191.17	241879.83	244234.63	241101.88	1.49	ppb
Manganese	55-2	967.98	996.36	992.88	985.74	1.57	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2508.27	2495.65	2487.34	2497.09	0.42	ppb
Molybdenum	95-1	2509.60	2496.40	2493.53	2499.85	0.34	ppb
Molybdenum	96-1	2505.20	2492.50	2476.12	2491.27	0.59	ppb
Molybdenum	97-1	2505.77	2491.26	2463.32	2486.78	0.87	ppb
Molybdenum	98-1	2514.97	2494.84	2461.44	2490.42	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.19	486.53	487.23	481.99	1.76	ppb
Phosphorus	31-2	9967.83	10268.09	10107.67	10114.53	1.49	ppb
Potassium	39-2	118275.60	121353.60	120694.80	120108.00	1.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	490.85	500.43	468.74	486.67	3.34	ppb
Selenium	78-2	473.86	502.14	488.50	488.17	2.90	ppb
Selenium	82-1	489.48	481.27	483.02	484.59	0.89	ppb
Silicon	28-1	571.76	573.46	565.29	570.17	0.76	ppb
Silver	109-1	491.97	498.35	485.42	491.92	1.31	ppb
Silver	107-1	493.89	493.54	487.52	491.65	0.73	ppb
Sodium	23-2	237416.89	243385.73	241795.81	240866.14	1.28	ppb
Strontium	86-1	511.98	507.87	508.88	509.58	0.42	ppb
Strontium	88-1	516.86	513.15	510.36	513.46	0.63	ppb
Sulfur	34-1	9998.88	10133.77	9767.43	9966.69	1.86	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	507.81	511.20	497.71	505.57	1.39	ppb
Thallium	205-1	506.91	512.58	505.36	508.29	0.75	ppb
Tin	118-1	505.66	507.00	499.88	504.18	0.75	ppb
Titanium	47-1	2526.63	2511.42	2493.31	2510.45	0.66	ppb
Uranium	238-1	515.82	516.19	510.76	514.25	0.59	ppb
Vanadium	51-2	493.16	505.96	505.74	501.62	1.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	923.82	960.56	949.43	944.60	1.99	ppb
Zirconium	90-1	505.08	505.09	500.68	503.62	0.51	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.32	498.71	493.11	496.38	0.59	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.64	1.84	1.14	1.54	23.41	ppb
Antimony	121-1	0.55	0.59	0.61	0.58	5.26	ppb
Arsenic	75-2	0.01	0.06	0.08	0.05	73.24	ppb
Barium	135-1	0.05	0.08	0.04	0.06	33.94	ppb
Barium	137-1	0.04	0.03	0.08	0.05	47.96	ppb
Beryllium	9-1	0.09	0.07	0.04	0.07	31.24	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	9.94	8.37	9.02	9.11	8.65	ppb
Boron	11-1	8.96	8.91	8.42	8.76	3.37	ppb
Cadmium	111-1	-0.04	-0.05	0.04	-0.02		ppb
Cadmium	106-1	-0.74	-0.89	0.27	-0.46		ppb
Cadmium	108-1	0.00	-0.07	0.01	-0.02		ppb
Calcium	43-1	6.42	5.54	7.19	6.38	12.87	ppb
Calcium	44-1	4.46	4.23	3.63	4.11	10.40	ppb
Chromium	52-2	0.05	0.01	0.02	0.03	90.73	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	71.29	ppb
Copper	63-2	-0.56	-0.63	-0.61	-0.60		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				94		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	5.72	5.26	5.22	5.40	5.10	ppb
Iron	57-2	5.50	5.58	5.94	5.67	4.09	ppb
Lead	206-1	0.14	0.13	0.12	0.13	9.42	ppb
Lead	207-1	0.10	0.12	0.11	0.11	8.95	ppb
Lead	208-1	0.12	0.13	0.11	0.12	10.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.60	7.58	6.18	6.79	10.53	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	4.35	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.45	0.44	0.45	1.48	ppb
Molybdenum	95-1	0.54	0.45	0.46	0.48	9.19	ppb
Molybdenum	96-1	0.48	0.46	0.54	0.49	7.77	ppb
Molybdenum	97-1	0.45	0.46	0.49	0.47	4.71	ppb
Molybdenum	98-1	0.52	0.47	0.47	0.49	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	10.91	5.33	-2.21	4.68	140.89	ppb
Potassium	39-2	28.37	18.77	27.59	24.91	21.41	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.27	0.25	-0.14	0.13	178.03	ppb
Selenium	78-2	0.09	-1.25	-0.64	-0.60		ppb
Selenium	82-1	0.06	-0.23	0.30	0.04	612.58	ppb
Silicon	28-1	-2.05	-1.97	-2.06	-2.03		ppb
Silver	109-1	0.03	0.04	0.03	0.03	19.54	ppb
Silver	107-1	0.03	0.04	0.03	0.03	11.05	ppb
Sodium	23-2	59.59	53.76	55.94	56.43	5.22	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	4113.35	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	17.68	ppb
Sulfur	34-1	-44.53	-35.39	57.65	-7.42		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.10	0.10	0.10	5.84	ppb
Thallium	205-1	0.10	0.11	0.11	0.10	5.64	ppb
Tin	118-1	0.15	0.16	0.16	0.16	4.44	ppb
Titanium	47-1	0.19	0.09	0.09	0.12	49.74	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.26	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	20.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	0.18	0.04	0.11	58.50	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	6.97	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.07	0.07	8.88	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.51	16.54	19.96	18.01	9.78	ppb
Antimony	121-1	2.19	2.19	2.12	2.17	1.77	ppb
Arsenic	75-2	1.00	1.07	0.99	1.02	4.65	ppb
Barium	135-1	9.19	9.59	9.45	9.41	2.12	ppb
Barium	137-1	9.68	9.41	9.37	9.49	1.76	ppb
Beryllium	9-1	0.87	0.90	0.95	0.90	4.30	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	26.22	29.99	27.58	27.93	6.84	ppb
Boron	11-1	26.14	27.53	27.84	27.17	3.32	ppb
Cadmium	111-1	0.87	1.02	1.01	0.97	8.67	ppb
Cadmium	106-1	-0.16	1.46	0.15	0.48	178.06	ppb
Cadmium	108-1	1.28	1.08	0.96	1.10	14.78	ppb
Calcium	43-1	450.16	447.41	445.69	447.75	0.50	ppb
Calcium	44-1	431.43	431.33	430.46	431.08	0.12	ppb
Chromium	52-2	2.03	1.98	2.07	2.03	2.13	ppb
Cobalt	59-2	0.97	0.94	0.97	0.96	2.00	ppb
Copper	63-2	1.27	1.32	1.34	1.31	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	48.86	48.43	50.05	49.11	1.71	ppb
Iron	57-2	47.06	48.69	53.08	49.61	6.28	ppb
Lead	206-1	1.00	1.02	1.04	1.02	2.28	ppb
Lead	207-1	0.97	0.95	0.99	0.97	2.23	ppb
Lead	208-1	0.96	1.00	0.99	0.98	1.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	465.23	456.86	468.12	463.40	1.26	ppb
Manganese	55-2	1.01	0.92	0.97	0.96	4.76	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.90	4.93	5.00	4.94	0.98	ppb
Molybdenum	95-1	4.75	4.64	4.69	4.69	1.14	ppb
Molybdenum	96-1	4.69	4.74	4.82	4.75	1.40	ppb
Molybdenum	97-1	4.58	4.80	4.80	4.72	2.61	ppb
Molybdenum	98-1	4.65	4.64	4.78	4.69	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.02	1.13	1.07	5.28	ppb
Phosphorus	31-2	-6.49	9.00	11.54	4.68	208.41	ppb
Potassium	39-2	465.21	457.97	475.11	466.10	1.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	6.71	5.00	5.57	5.76	15.03	ppb
Selenium	78-2	4.34	4.53	4.11	4.33	4.88	ppb
Selenium	82-1	4.30	4.65	4.98	4.64	7.28	ppb
Silicon	28-1	13.19	14.08	14.03	13.77	3.64	ppb
Silver	109-1	1.03	1.06	1.06	1.05	1.35	ppb
Silver	107-1	0.99	1.02	1.01	1.01	1.29	ppb
Sodium	23-2	495.64	482.78	510.29	496.24	2.77	ppb
Strontium	86-1	0.99	0.93	0.91	0.94	4.41	ppb
Strontium	88-1	0.96	1.00	0.94	0.97	3.23	ppb
Sulfur	34-1	-226.51	-207.37	-310.54	-248.14		ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.99	0.98	0.99	0.99	0.53	ppb
Thallium	205-1	0.98	1.00	1.02	1.00	2.27	ppb
Tin	118-1	4.81	4.76	4.85	4.81	0.88	ppb
Titanium	47-1	4.76	4.26	4.60	4.54	5.54	ppb
Uranium	238-1	0.87	0.87	0.88	0.87	0.93	ppb
Vanadium	51-2	4.72	4.57	4.74	4.68	1.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.28	2.31	1.89	2.16	10.86	ppb
Zirconium	90-1	1.07	1.03	1.10	1.07	3.28	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.11	1.10	1.01	1.07	5.05	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.53	0.46	0.46	12.70	ppb
Antimony	121-1	0.19	0.19	0.18	0.19	1.10	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	157.26	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	393.23	ppb
Beryllium	9-1	0.01	0.06	0.06	0.04	73.83	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	4.82	6.64	5.27	5.58	17.03	ppb
Boron	11-1	5.60	5.98	5.15	5.58	7.44	ppb
Cadmium	111-1	0.09	-0.03	-0.02	0.02	461.14	ppb
Cadmium	106-1	1.22	-0.49	-0.29	0.15	640.59	ppb
Cadmium	108-1	-0.09	-0.04	-0.07	-0.07		ppb
Calcium	43-1	5.02	4.35	1.46	3.61	52.41	ppb
Calcium	44-1	-1.25	-1.49	-1.12	-1.28		ppb
Chromium	52-2	0.02	0.00	0.02	0.02	76.42	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.65	-0.58	-0.63	-0.62		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				95		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	1.53	1.45	1.42	1.47	4.01	ppb
Iron	57-2	1.00	0.87	2.23	1.37	54.85	ppb
Lead	206-1	0.06	0.03	0.04	0.04	28.80	ppb
Lead	207-1	0.04	0.03	0.06	0.04	34.66	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.46	1.79	1.82	2.02	18.84	ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	321.38	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.13	0.13	0.16	30.10	ppb
Molybdenum	95-1	0.17	0.14	0.18	0.16	13.60	ppb
Molybdenum	96-1	0.14	0.12	0.15	0.14	12.96	ppb
Molybdenum	97-1	0.13	0.14	0.14	0.13	4.22	ppb
Molybdenum	98-1	0.15	0.18	0.16	0.17	8.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-2.25	5.17	7.88	3.60	145.54	ppb
Potassium	39-2	18.09	12.43	19.58	16.70	22.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	-0.14	0.26	-0.14	0.00		ppb
Selenium	78-2	-0.09	1.26	-0.09	0.36	217.99	ppb
Selenium	82-1	-0.35	-0.16	-0.23	-0.25		ppb
Silicon	28-1	-0.89	-1.21	-2.17	-1.42		ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.50	ppb
Silver	107-1	0.01	0.01	0.02	0.01	20.64	ppb
Sodium	23-2	33.80	33.18	33.06	33.35	1.20	ppb
Strontium	86-1	-0.02	-0.03	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	46.58	ppb
Sulfur	34-1	-152.95	-90.27	-329.54	-190.92		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.06	0.05	0.06	11.85	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	20.29	ppb
Tin	118-1	0.05	0.12	0.10	0.09	39.80	ppb
Titanium	47-1	0.05	0.13	0.04	0.07	66.64	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	-0.03	-0.02	0.00	-0.02		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	27.07	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	32.33	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.21	35.22	38.48	36.97	4.45	ppb
Antimony	121-1	3.96	3.94	4.04	3.98	1.32	ppb
Arsenic	75-2	1.88	2.06	2.13	2.02	6.27	ppb
Barium	135-1	19.41	19.23	19.30	19.31	0.47	ppb
Barium	137-1	18.99	19.13	19.02	19.05	0.37	ppb
Beryllium	9-1	2.08	1.90	1.99	1.99	4.56	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	49.23	47.69	50.81	49.24	3.17	ppb
Boron	11-1	47.23	48.20	49.90	48.44	2.80	ppb
Cadmium	111-1	2.07	2.08	2.00	2.05	2.19	ppb
Cadmium	106-1	2.18	2.11	1.24	1.84	28.64	ppb
Cadmium	108-1	1.80	2.03	1.80	1.88	7.11	ppb
Calcium	43-1	893.84	916.21	910.31	906.79	1.28	ppb
Calcium	44-1	880.67	886.36	878.48	881.84	0.46	ppb
Chromium	52-2	4.09	4.14	4.11	4.11	0.56	ppb
Cobalt	59-2	1.95	1.99	1.96	1.97	1.24	ppb
Copper	63-2	3.30	3.41	3.56	3.42	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	423.32	419.04	425.97	422.78	0.83	ppb
Iron	57-2	425.78	423.67	431.38	426.94	0.93	ppb
Lead	206-1	1.96	1.83	1.87	1.89	3.44	ppb
Lead	207-1	1.91	1.92	1.90	1.91	0.64	ppb
Lead	208-1	1.88	1.90	1.91	1.90	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	934.30	927.07	935.69	932.35	0.50	ppb
Manganese	55-2	2.09	2.01	1.98	2.03	2.65	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.58	9.60	9.74	9.64	0.91	ppb
Molybdenum	95-1	9.49	9.24	9.19	9.31	1.76	ppb
Molybdenum	96-1	9.35	9.29	9.37	9.34	0.44	ppb
Molybdenum	97-1	9.48	9.36	9.46	9.43	0.68	ppb
Molybdenum	98-1	9.44	9.22	9.17	9.28	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.10	2.21	2.14	2.87	ppb
Phosphorus	31-2	16.16	7.56	15.21	12.98	36.32	ppb
Potassium	39-2	930.15	913.26	919.60	921.00	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	9.01	10.15	7.03	8.73	18.08	ppb
Selenium	78-2	10.23	8.96	10.50	9.90	8.34	ppb
Selenium	82-1	10.22	10.05	10.03	10.10	1.05	ppb
Silicon	28-1	29.46	30.05	29.76	29.76	0.98	ppb
Silver	109-1	2.03	2.12	2.01	2.05	2.81	ppb
Silver	107-1	2.07	2.02	2.05	2.05	1.05	ppb
Sodium	23-2	956.73	946.41	952.64	951.93	0.55	ppb
Strontium	86-1	1.80	1.97	1.88	1.88	4.64	ppb
Strontium	88-1	1.89	1.92	1.86	1.89	1.47	ppb
Sulfur	34-1	-139.11	-156.96	-136.81	-144.30		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	1.93	1.91	2.01	1.95	2.55	ppb
Thallium	205-1	1.93	1.96	1.91	1.93	1.18	ppb
Tin	118-1	9.62	9.64	9.78	9.68	0.86	ppb
Titanium	47-1	8.98	9.77	9.69	9.48	4.57	ppb
Uranium	238-1	1.81	1.77	1.75	1.78	1.76	ppb
Vanadium	51-2	9.51	9.30	9.57	9.46	1.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4.39	4.15	4.30	4.28	2.81	ppb
Zirconium	90-1	2.02	2.02	1.98	2.01	1.09	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.87	2.00	1.93	1.93	3.38	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.78	36.23	32.80	35.27	6.11	ppb
Antimony	121-1	0.54	0.54	0.50	0.53	4.80	ppb
Arsenic	75-2	0.15	0.19	0.18	0.17	13.67	ppb
Barium	135-1	148.91	150.25	148.83	149.33	0.53	ppb
Barium	137-1	149.72	149.63	148.63	149.32	0.40	ppb
Beryllium	9-1	0.27	0.27	0.31	0.28	8.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	29.67	29.34	30.95	29.99	2.84	ppb
Boron	11-1	30.60	30.31	30.38	30.43	0.50	ppb
Cadmium	111-1	0.11	0.14	0.12	0.12	10.33	ppb
Cadmium	106-1	-0.60	-0.45	-0.16	-0.40		ppb
Cadmium	108-1	0.06	0.06	0.08	0.07	17.81	ppb
Calcium	43-1	11954.23	12056.21	11979.59	11996.67	0.44	ppb
Calcium	44-1	12063.80	12194.70	12147.92	12135.47	0.55	ppb
Chromium	52-2	0.17	0.17	0.19	0.18	7.12	ppb
Cobalt	59-2	4.86	4.79	4.78	4.81	0.94	ppb
Copper	63-2	1.85	1.90	1.88	1.88	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				116		%
Iron	56-2	55.35	55.29	55.32	55.32	0.06	ppb
Iron	57-2	67.72	63.15	67.61	66.16	3.94	ppb
Lead	206-1	0.64	0.59	0.58	0.60	5.42	ppb
Lead	207-1	0.62	0.60	0.54	0.59	6.60	ppb
Lead	208-1	0.63	0.58	0.56	0.59	6.33	ppb
Lithium	6-1				115		%
Magnesium	24-2	2999.72	2953.81	3001.81	2985.11	0.91	ppb
Manganese	55-2	80.91	79.34	80.39	80.21	1.00	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.15	0.13	0.12	28.82	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	5.97	ppb
Molybdenum	96-1	0.13	0.12	0.14	0.13	7.60	ppb
Molybdenum	97-1	0.12	0.17	0.13	0.14	19.81	ppb
Molybdenum	98-1	0.14	0.13	0.11	0.13	13.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	3.12	3.14	3.10	1.56	ppb
Phosphorus	31-2	-11.58	-8.17	-0.67	-6.81		ppb
Potassium	39-2	3660.42	3619.24	3633.88	3637.85	0.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	77-2	0.97	2.78	3.15	2.30	50.72	ppb
Selenium	78-2	0.09	-0.62	0.35	-0.06		ppb
Selenium	82-1	0.62	0.39	-0.17	0.28	144.96	ppb
Silicon	28-1	3969.65	3978.33	3967.46	3971.81	0.14	ppb
Silver	109-1	0.28	0.25	0.25	0.26	7.61	ppb
Silver	107-1	0.26	0.28	0.27	0.27	4.06	ppb
Sodium	23-2	15453.74	15203.13	15411.51	15356.13	0.87	ppb
Strontium	86-1	87.33	86.59	86.89	86.94	0.43	ppb
Strontium	88-1	87.21	87.39	87.13	87.24	0.15	ppb
Sulfur	34-1	3634.63	3626.23	3567.44	3609.43	1.01	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.23	0.18	0.23	26.10	ppb
Thallium	205-1	0.28	0.21	0.15	0.22	30.46	ppb
Tin	118-1	0.31	0.27	0.28	0.29	7.25	ppb
Titanium	47-1	0.36	0.46	0.30	0.37	21.04	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	48.31	ppb
Vanadium	51-2	0.24	0.24	0.27	0.25	7.48	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	51.87	50.66	51.17	51.23	1.18	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	34.27	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	22.04	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.87	34.47	40.66	37.00	8.76	ppb
Antimony	121-1	0.42	0.40	0.45	0.42	6.22	ppb
Arsenic	75-2	0.27	0.16	0.22	0.21	25.21	ppb
Barium	135-1	145.69	144.50	150.89	147.03	2.31	ppb
Barium	137-1	148.37	143.32	148.85	146.85	2.09	ppb
Beryllium	9-1	0.27	0.31	0.27	0.28	7.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	27.58	26.12	28.84	27.51	4.94	ppb
Boron	11-1	28.66	28.04	29.80	28.83	3.09	ppb
Cadmium	111-1	0.19	0.10	0.08	0.12	44.09	ppb
Cadmium	106-1	0.30	-0.46	-0.64	-0.27		ppb
Cadmium	108-1	0.12	0.22	0.17	0.17	29.87	ppb
Calcium	43-1	11957.59	11504.80	11976.12	11812.84	2.26	ppb
Calcium	44-1	11959.71	11690.32	12162.65	11937.56	1.98	ppb
Chromium	52-2	0.19	0.19	0.18	0.19	4.56	ppb
Cobalt	59-2	4.90	4.84	5.46	5.07	6.68	ppb
Copper	63-2	2.17	2.04	2.38	2.19	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	56-2	58.55	56.49	62.82	59.29	5.45	ppb
Iron	57-2	70.73	68.88	74.83	71.48	4.26	ppb
Lead	206-1	0.49	0.48	0.44	0.47	4.67	ppb
Lead	207-1	0.47	0.46	0.44	0.46	3.90	ppb
Lead	208-1	0.48	0.47	0.45	0.47	3.55	ppb
Lithium	6-1				118		%
Magnesium	24-2	3108.03	3012.52	3326.84	3149.13	5.12	ppb
Manganese	55-2	83.24	80.60	89.92	84.59	5.68	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.11	0.10	17.62	ppb
Molybdenum	95-1	0.11	0.12	0.11	0.11	2.42	ppb
Molybdenum	96-1	0.08	0.09	0.12	0.10	21.91	ppb
Molybdenum	97-1	0.13	0.17	0.13	0.14	14.64	ppb
Molybdenum	98-1	0.14	0.12	0.15	0.13	10.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.02	3.46	3.27	6.82	ppb
Phosphorus	31-2	-2.62	-7.65	-5.84	-5.37		ppb
Potassium	39-2	3765.56	3642.58	4054.45	3820.86	5.53	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	77-2	2.52	3.18	3.49	3.06	16.21	ppb
Selenium	78-2	0.58	-0.60	0.52	0.17	391.68	ppb
Selenium	82-1	0.01	0.64	0.21	0.28	113.67	ppb
Silicon	28-1	3940.20	3829.19	3952.22	3907.20	1.74	ppb
Silver	109-1	0.20	0.23	0.23	0.22	6.92	ppb
Silver	107-1	0.19	0.21	0.21	0.20	5.90	ppb
Sodium	23-2	16020.46	15549.30	17126.10	16231.95	4.99	ppb
Strontium	86-1	86.84	85.30	85.79	85.97	0.92	ppb
Strontium	88-1	86.44	84.75	86.76	85.98	1.25	ppb
Sulfur	34-1	3268.52	3046.97	3350.56	3222.02	4.87	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.06	0.05	0.07	24.65	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	11.59	ppb
Tin	118-1	0.27	0.29	0.27	0.28	4.74	ppb
Titanium	47-1	0.36	0.41	0.35	0.37	8.44	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.12	ppb
Vanadium	51-2	0.41	0.42	0.47	0.44	7.57	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	53.50	52.31	55.70	53.84	3.20	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	73.50	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	70.39	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.20	6.51	7.06	6.92	5.24	ppb
Antimony	121-1	0.17	0.17	0.18	0.18	1.56	ppb
Arsenic	75-2	0.07	0.03	0.05	0.05	42.79	ppb
Barium	135-1	29.12	29.85	29.29	29.42	1.30	ppb
Barium	137-1	29.08	29.59	29.06	29.25	1.03	ppb
Beryllium	9-1	0.06	0.04	0.08	0.06	31.29	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	9.01	9.49	10.56	9.69	8.17	ppb
Boron	11-1	9.64	10.35	9.91	9.97	3.57	ppb
Cadmium	111-1	0.03	0.00	0.00	0.01	165.65	ppb
Cadmium	106-1	-0.22	-0.33	-0.43	-0.32		ppb
Cadmium	108-1	0.00	-0.02	0.02	0.00	1334.27	ppb
Calcium	43-1	2333.89	2414.31	2419.00	2389.07	2.00	ppb
Calcium	44-1	2330.19	2411.78	2384.54	2375.50	1.75	ppb
Chromium	52-2	0.06	0.07	0.06	0.06	10.47	ppb
Cobalt	59-2	0.93	0.99	1.00	0.97	3.83	ppb
Copper	63-2	0.07	0.12	0.19	0.13	47.04	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				98		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	11.41	11.86	12.14	11.81	3.11	ppb
Iron	57-2	13.32	11.43	12.51	12.42	7.63	ppb
Lead	206-1	0.06	0.07	0.07	0.06	6.88	ppb
Lead	207-1	0.06	0.05	0.06	0.06	13.96	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	573.90	601.60	636.34	603.95	5.18	ppb
Manganese	55-2	15.57	16.27	16.77	16.20	3.72	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.04	0.05	22.10	ppb
Molybdenum	95-1	0.07	0.04	0.05	0.06	28.71	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	15.67	ppb
Molybdenum	97-1	0.04	0.08	0.08	0.07	34.63	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	17.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.59	0.74	0.65	11.87	ppb
Phosphorus	31-2	-5.30	10.78	12.75	6.08	162.93	ppb
Potassium	39-2	700.43	733.16	780.56	738.05	5.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.25	0.66	1.51	0.81	79.37	ppb
Selenium	78-2	-0.93	-0.19	-0.07	-0.40		ppb
Selenium	82-1	-0.07	0.03	-0.15	-0.06		ppb
Silicon	28-1	766.19	795.50	787.95	783.21	1.94	ppb
Silver	109-1	0.07	0.05	0.06	0.06	13.69	ppb
Silver	107-1	0.06	0.05	0.06	0.06	7.24	ppb
Sodium	23-2	2953.51	3094.15	3229.79	3092.48	4.47	ppb
Strontium	86-1	17.28	17.30	17.80	17.46	1.69	ppb
Strontium	88-1	17.26	17.63	17.53	17.48	1.10	ppb
Sulfur	34-1	88.79	310.52	256.75	218.69	52.89	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.12	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	75.29	ppb
Tin	118-1	0.07	0.08	0.09	0.08	13.16	ppb
Titanium	47-1	0.19	0.13	0.09	0.14	35.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	0.15	0.14	0.14	11.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	9.88	10.10	10.77	10.25	4.51	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	52.20	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	61.55	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1856.30	1889.92	1898.48	1881.57	1.19	ppb
Antimony	121-1	106.56	105.69	106.78	106.34	0.54	ppb
Arsenic	75-2	41.84	42.32	42.48	42.21	0.80	ppb
Barium	135-1	2263.97	2241.50	2256.73	2254.07	0.51	ppb
Barium	137-1	2252.01	2235.32	2245.90	2244.41	0.38	ppb
Beryllium	9-1	44.39	44.85	43.24	44.16	1.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	25.30	23.83	22.95	24.03	4.95	ppb
Boron	11-1	25.10	26.17	24.53	25.27	3.29	ppb
Cadmium	111-1	55.12	54.87	54.59	54.86	0.48	ppb
Cadmium	106-1	45.22	45.06	46.10	45.46	1.23	ppb
Cadmium	108-1	49.09	49.06	49.11	49.09	0.05	ppb
Calcium	43-1	12109.29	12093.40	12012.20	12071.63	0.43	ppb
Calcium	44-1	12173.88	12225.45	12104.05	12167.79	0.50	ppb
Chromium	52-2	200.51	207.27	205.98	204.59	1.75	ppb
Cobalt	59-2	518.51	531.89	532.88	527.76	1.52	ppb
Copper	63-2	263.00	271.51	272.52	269.01	1.94	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				101		%
Holmium	165-2				100		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	1024.81	1056.05	1063.33	1048.06	1.95	ppb
Iron	57-2	1032.32	1060.78	1070.40	1054.50	1.88	ppb
Lead	206-1	19.94	19.62	19.51	19.69	1.15	ppb
Lead	207-1	19.71	19.93	19.39	19.68	1.39	ppb
Lead	208-1	19.70	19.79	19.41	19.63	0.99	ppb
Lithium	6-1				120		%
Magnesium	24-2	3050.04	3112.09	3110.12	3090.75	1.14	ppb
Manganese	55-2	573.85	594.56	597.78	588.73	2.21	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.20	0.18	0.18	14.71	ppb
Molybdenum	95-1	0.14	0.14	0.14	0.14	2.81	ppb
Molybdenum	96-1	0.13	0.13	0.17	0.15	16.33	ppb
Molybdenum	97-1	0.14	0.12	0.12	0.13	10.48	ppb
Molybdenum	98-1	0.17	0.12	0.15	0.15	16.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.19	535.94	542.09	533.41	1.91	ppb
Phosphorus	31-2	-1.85	4.12	0.53	0.93	322.85	ppb
Potassium	39-2	3623.04	3732.15	3733.11	3696.10	1.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	77-2	159.79	156.35	145.85	153.99	4.72	ppb
Selenium	78-2	149.82	158.00	153.81	153.88	2.66	ppb
Selenium	82-1	153.22	154.14	152.34	153.23	0.59	ppb
Silicon	28-1	3928.15	3942.21	3878.63	3916.33	0.85	ppb
Silver	109-1	53.98	54.53	53.31	53.94	1.13	ppb
Silver	107-1	54.15	53.83	54.13	54.04	0.33	ppb
Sodium	23-2	15543.87	15861.34	15805.40	15736.87	1.08	ppb
Strontium	86-1	86.75	87.61	86.98	87.12	0.51	ppb
Strontium	88-1	87.35	87.71	87.06	87.37	0.37	ppb
Sulfur	34-1	3221.75	3191.33	3050.57	3154.55	2.90	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.59	49.53	48.27	48.79	1.34	ppb
Thallium	205-1	49.74	48.99	48.30	49.01	1.47	ppb
Tin	118-1	0.26	0.28	0.30	0.28	7.07	ppb
Titanium	47-1	0.40	0.51	0.42	0.44	12.63	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.19	ppb
Vanadium	51-2	503.60	517.79	517.57	512.99	1.58	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	567.59	585.41	584.55	579.18	1.73	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	18.92	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.05	0.03	42.55	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147.98	141.64	155.71	148.44	4.75	ppb
Antimony	121-1	0.31	0.25	0.31	0.29	11.45	ppb
Arsenic	75-2	0.18	0.17	0.11	0.15	24.89	ppb
Barium	135-1	132.36	131.75	135.48	133.20	1.50	ppb
Barium	137-1	130.73	131.88	134.43	132.34	1.43	ppb
Beryllium	9-1	0.38	0.36	0.42	0.38	8.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	39.23	41.69	42.54	41.15	4.18	ppb
Boron	11-1	41.69	42.20	42.12	42.00	0.65	ppb
Cadmium	111-1	0.00	0.07	0.18	0.08	105.95	ppb
Cadmium	106-1	-1.30	-0.67	0.71	-0.42		ppb
Cadmium	108-1	0.10	0.02	0.13	0.09	68.44	ppb
Calcium	43-1	6558.51	6567.30	6769.01	6631.61	1.80	ppb
Calcium	44-1	6571.97	6548.28	6765.57	6628.60	1.80	ppb
Chromium	52-2	0.31	0.29	0.34	0.31	8.47	ppb
Cobalt	59-2	3.33	3.18	3.45	3.32	4.11	ppb
Copper	63-2	14.88	14.81	15.78	15.16	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	204.34	199.88	211.84	205.35	2.94	ppb
Iron	57-2	208.38	201.71	213.84	207.97	2.92	ppb
Lead	206-1	2.90	3.00	2.87	2.92	2.29	ppb
Lead	207-1	2.64	2.70	2.71	2.68	1.51	ppb
Lead	208-1	2.76	2.78	2.78	2.78	0.41	ppb
Lithium	6-1				118		%
Magnesium	24-2	2348.22	2289.21	2401.90	2346.45	2.40	ppb
Manganese	55-2	52.70	51.13	53.85	52.56	2.60	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.03	18.78	ppb
Molybdenum	95-1	0.03	0.00	0.04	0.02	72.44	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	61.37	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	2.08	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	18.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	2.55	2.81	2.72	5.59	ppb
Phosphorus	31-2	0.25	4.39	-6.68	-0.68		ppb
Potassium	39-2	3171.90	3093.48	3257.24	3174.21	2.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	1.43	1.79	2.20	1.81	21.51	ppb
Selenium	78-2	0.32	0.07	0.90	0.43	98.59	ppb
Selenium	82-1	0.40	0.15	0.38	0.31	44.97	ppb
Silicon	28-1	3874.24	3887.91	3991.66	3917.94	1.64	ppb
Silver	109-1	0.16	0.17	0.16	0.16	1.55	ppb
Silver	107-1	0.17	0.15	0.15	0.16	8.52	ppb
Sodium	23-2	5483.23	5304.87	5585.47	5457.86	2.60	ppb
Strontium	86-1	55.76	55.82	56.75	56.11	0.98	ppb
Strontium	88-1	56.04	56.40	56.98	56.47	0.84	ppb
Sulfur	34-1	2303.33	2386.90	2617.12	2435.78	6.67	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.04	0.04	13.07	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.80	ppb
Tin	118-1	0.72	0.77	0.74	0.74	3.15	ppb
Titanium	47-1	0.46	0.39	0.43	0.43	7.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	113.95	ppb
Vanadium	51-2	0.57	0.54	0.57	0.56	2.85	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	58.61	56.10	59.06	57.92	2.75	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.30	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.03	66.60	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.37	9.04	10.83	10.08	9.25	ppb
Antimony	121-1	0.19	0.23	0.24	0.22	10.31	ppb
Arsenic	75-2	0.18	0.12	0.15	0.15	20.91	ppb
Barium	135-1	117.38	118.11	116.82	117.44	0.55	ppb
Barium	137-1	118.30	118.40	116.47	117.72	0.92	ppb
Beryllium	9-1	0.19	0.14	0.18	0.17	14.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	21.94	21.04	21.36	21.44	2.13	ppb
Boron	11-1	22.01	21.70	22.28	22.00	1.31	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	835.03	ppb
Cadmium	106-1	-0.82	-0.75	-0.91	-0.83		ppb
Cadmium	108-1	0.04	0.00	0.02	0.02	112.04	ppb
Calcium	43-1	12077.19	11851.99	11904.44	11944.54	0.99	ppb
Calcium	44-1	12182.51	12016.03	12176.44	12124.99	0.78	ppb
Chromium	52-2	0.09	0.13	0.11	0.11	16.99	ppb
Cobalt	59-2	2.21	2.40	2.29	2.30	4.21	ppb
Copper	63-2	8.08	8.29	8.00	8.13	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	10.07	10.13	10.23	10.14	0.81	ppb
Iron	57-2	19.52	18.86	20.51	19.63	4.22	ppb
Lead	206-1	0.31	0.30	0.32	0.31	3.69	ppb
Lead	207-1	0.28	0.31	0.30	0.30	6.42	ppb
Lead	208-1	0.29	0.30	0.31	0.30	2.61	ppb
Lithium	6-1				116		%
Magnesium	24-2	2608.75	2668.94	2647.58	2641.76	1.16	ppb
Manganese	55-2	29.86	29.93	30.22	30.01	0.64	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.04	0.03	42.59	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	29.19	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.02	37.62	ppb
Molybdenum	97-1	0.01	0.04	0.04	0.03	44.48	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	43.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.54	1.50	1.53	1.54	ppb
Phosphorus	31-2	-8.37	-6.36	-1.75	-5.49		ppb
Potassium	39-2	3064.96	3071.80	3051.05	3062.60	0.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	-0.14	4.50	3.71	2.69	92.19	ppb
Selenium	78-2	-1.13	0.15	0.06	-0.31		ppb
Selenium	82-1	0.39	0.74	0.44	0.52	36.72	ppb
Silicon	28-1	3230.90	3180.68	3193.35	3201.64	0.82	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.98	ppb
Silver	107-1	0.12	0.12	0.12	0.12	0.84	ppb
Sodium	23-2	8065.37	8219.97	8085.15	8123.50	1.04	ppb
Strontium	86-1	71.55	71.44	70.83	71.27	0.54	ppb
Strontium	88-1	71.85	71.56	71.10	71.50	0.53	ppb
Sulfur	34-1	2155.05	2182.71	2174.44	2170.74	0.65	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.01	0.01	93.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.57	ppb
Tin	118-1	0.18	0.22	0.17	0.19	14.00	ppb
Titanium	47-1	0.31	0.27	0.35	0.31	12.40	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.39	0.43	0.41	0.41	4.90	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	8.86	9.00	9.29	9.05	2.42	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	98.00	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.02	40.63	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.99	10.90	9.35	10.08	7.76	ppb
Antimony	121-1	0.26	0.24	0.27	0.26	5.62	ppb
Arsenic	75-2	0.13	0.14	0.12	0.13	8.74	ppb
Barium	135-1	124.99	125.94	124.03	124.99	0.76	ppb
Barium	137-1	127.03	125.90	124.82	125.92	0.88	ppb
Beryllium	9-1	0.16	0.20	0.16	0.17	12.00	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	22.52	21.25	21.39	21.72	3.20	ppb
Boron	11-1	22.56	23.03	22.04	22.55	2.19	ppb
Cadmium	111-1	0.01	-0.03	0.06	0.01	367.05	ppb
Cadmium	106-1	-0.47	-0.80	0.09	-0.39		ppb
Cadmium	108-1	0.11	0.02	0.02	0.05	101.48	ppb
Calcium	43-1	11849.49	11952.37	11850.29	11884.05	0.50	ppb
Calcium	44-1	11953.64	12090.27	11951.86	11998.59	0.66	ppb
Chromium	52-2	0.12	0.14	0.11	0.12	12.45	ppb
Cobalt	59-2	0.47	0.47	0.44	0.46	4.31	ppb
Copper	63-2	2.91	2.79	2.83	2.84	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	1.61	1.52	1.52	1.55	3.46	ppb
Iron	57-2	10.72	9.85	8.93	9.83	9.11	ppb
Lead	206-1	0.06	0.07	0.08	0.07	14.71	ppb
Lead	207-1	0.07	0.05	0.04	0.05	21.83	ppb
Lead	208-1	0.06	0.06	0.07	0.06	6.52	ppb
Lithium	6-1				115		%
Magnesium	24-2	2913.89	2870.03	2829.58	2871.17	1.47	ppb
Manganese	55-2	0.13	0.10	0.12	0.12	12.11	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.46	0.39	0.45	11.56	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	132.98	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	23.36	ppb
Molybdenum	97-1	0.00	0.02	0.03	0.02	109.57	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	60.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.96	0.94	0.97	3.95	ppb
Phosphorus	31-2	161.06	199.73	142.70	167.83	17.35	ppb
Potassium	39-2	3114.15	3103.24	3050.29	3089.23	1.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	2.28	3.85	3.87	3.33	27.38	ppb
Selenium	78-2	0.18	-0.46	-0.78	-0.35		ppb
Selenium	82-1	-0.09	0.17	0.29	0.12	160.05	ppb
Silicon	28-1	3225.57	3275.20	3236.05	3245.61	0.81	ppb
Silver	109-1	0.13	0.12	0.11	0.12	8.45	ppb
Silver	107-1	0.12	0.11	0.10	0.11	8.70	ppb
Sodium	23-2	11709.51	11472.47	11370.45	11517.48	1.51	ppb
Strontium	86-1	78.56	77.34	76.79	77.57	1.17	ppb
Strontium	88-1	78.21	77.80	77.16	77.72	0.69	ppb
Sulfur	34-1	2289.58	2538.01	2333.10	2386.90	5.56	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.18	0.20	0.21	0.20	7.90	ppb
Titanium	47-1	0.36	0.34	0.33	0.34	5.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	919.48	ppb
Vanadium	51-2	0.47	0.48	0.48	0.48	0.95	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	16.16	16.78	16.86	16.60	2.29	ppb
Zirconium	90-1	0.31	0.28	0.24	0.28	12.15	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.26	0.26	0.28	12.52	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.45	40.58	39.49	40.17	1.49	ppb
Antimony	121-1	0.27	0.26	0.24	0.26	4.56	ppb
Arsenic	75-2	0.20	0.22	0.16	0.19	18.21	ppb
Barium	135-1	150.90	147.75	147.66	148.77	1.24	ppb
Barium	137-1	150.09	146.34	149.34	148.59	1.34	ppb
Beryllium	9-1	0.25	0.26	0.19	0.23	15.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	28.10	25.84	28.43	27.46	5.13	ppb
Boron	11-1	28.13	28.02	28.18	28.11	0.29	ppb
Cadmium	111-1	0.16	0.11	0.08	0.11	34.77	ppb
Cadmium	106-1	0.12	-0.65	-1.17	-0.57		ppb
Cadmium	108-1	0.17	0.06	0.02	0.09	92.01	ppb
Calcium	43-1	12253.19	11992.15	11938.41	12061.25	1.40	ppb
Calcium	44-1	12590.13	12200.92	12106.78	12299.27	2.08	ppb
Chromium	52-2	0.17	0.18	0.19	0.18	3.84	ppb
Cobalt	59-2	5.05	5.15	4.93	5.04	2.18	ppb
Copper	63-2	3.26	3.47	3.47	3.40	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	57.91	59.50	57.92	58.44	1.57	ppb
Iron	57-2	69.11	71.31	67.14	69.19	3.02	ppb
Lead	206-1	0.42	0.44	0.42	0.43	2.53	ppb
Lead	207-1	0.40	0.37	0.41	0.39	4.90	ppb
Lead	208-1	0.41	0.42	0.41	0.41	1.59	ppb
Lithium	6-1				114		%
Magnesium	24-2	3045.39	3154.75	3056.43	3085.53	1.95	ppb
Manganese	55-2	81.55	84.11	81.59	82.41	1.78	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.03	0.04	17.02	ppb
Molybdenum	95-1	0.03	0.07	0.08	0.06	36.59	ppb
Molybdenum	96-1	0.07	0.07	0.06	0.07	8.05	ppb
Molybdenum	97-1	0.09	0.05	0.08	0.07	25.73	ppb
Molybdenum	98-1	0.07	0.05	0.07	0.06	17.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.22	3.30	3.07	3.19	3.62	ppb
Phosphorus	31-2	-10.43	-8.28	-11.81	-10.17		ppb
Potassium	39-2	3629.88	3730.46	3636.90	3665.75	1.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	19.55	23.54	18.77	20.62	12.41	ppb
Selenium	78-2	17.81	20.13	17.54	18.49	7.72	ppb
Selenium	82-1	17.99	17.46	17.73	17.73	1.48	ppb
Silicon	28-1	3962.46	3872.35	3795.07	3876.63	2.16	ppb
Silver	109-1	0.10	0.12	0.12	0.11	6.72	ppb
Silver	107-1	0.11	0.10	0.11	0.11	7.18	ppb
Sodium	23-2	15683.27	16143.47	15650.48	15825.74	1.74	ppb
Strontium	86-1	87.28	86.11	85.53	86.31	1.03	ppb
Strontium	88-1	88.69	86.37	85.94	87.00	1.70	ppb
Sulfur	34-1	3704.00	3350.66	3278.25	3444.30	6.61	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.02	0.03	29.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.00	ppb
Tin	118-1	0.27	0.23	0.23	0.24	8.25	ppb
Titanium	47-1	0.41	0.36	0.37	0.38	6.49	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.05	ppb
Vanadium	51-2	0.67	0.68	0.65	0.67	2.40	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	58.69	60.77	58.29	59.25	2.24	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	60.56	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.67	3.91	2.78	3.79	25.10	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	18.44	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	22.61	ppb
Barium	135-1	14.72	14.71	15.20	14.88	1.88	ppb
Barium	137-1	14.97	14.90	15.31	15.06	1.46	ppb
Beryllium	9-1	0.05	0.01	0.05	0.04	52.49	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	5.33	5.63	6.39	5.78	9.41	ppb
Boron	11-1	5.93	5.95	6.07	5.99	1.30	ppb
Cadmium	111-1	-0.02	-0.15	-0.02	-0.06		ppb
Cadmium	106-1	-0.55	-2.24	-0.51	-1.10		ppb
Cadmium	108-1	0.00	-0.02	-0.06	-0.03		ppb
Calcium	43-1	1209.32	1211.32	1232.28	1217.64	1.04	ppb
Calcium	44-1	1202.12	1185.82	1230.62	1206.19	1.88	ppb
Chromium	52-2	0.06	0.02	0.05	0.04	51.10	ppb
Cobalt	59-2	0.47	0.48	0.47	0.48	1.51	ppb
Copper	63-2	0.32	0.35	0.26	0.31	14.24	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				95		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6.14	5.99	5.98	6.04	1.51	ppb
Iron	57-2	7.90	7.43	6.66	7.33	8.57	ppb
Lead	206-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.01		ppb
Lithium	6-1				97		%
Magnesium	24-2	311.87	312.01	311.22	311.70	0.13	ppb
Manganese	55-2	8.40	8.21	8.17	8.26	1.51	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	35.09	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	76.01	ppb
Molybdenum	96-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	71.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.33	0.33	0.33	0.77	ppb
Phosphorus	31-2	-13.71	2.94	-3.02	-4.60		ppb
Potassium	39-2	378.33	375.27	363.73	372.45	2.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-0.14	-0.14	0.27	0.00	33502.17	ppb
Selenium	78-2	-0.49	0.14	0.00	-0.12		ppb
Selenium	82-1	0.04	-0.05	-0.42	-0.15		ppb
Silicon	28-1	434.65	432.25	451.29	439.39	2.36	ppb
Silver	109-1	0.03	0.02	0.03	0.02	28.54	ppb
Silver	107-1	0.04	0.03	0.02	0.03	20.37	ppb
Sodium	23-2	1591.75	1579.03	1579.88	1583.55	0.45	ppb
Strontium	86-1	8.56	8.90	8.76	8.74	1.94	ppb
Strontium	88-1	8.74	8.72	8.94	8.80	1.41	ppb
Sulfur	34-1	-57.67	-131.04	215.53	8.94	2043.67	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.05	0.05	0.03	0.04	18.74	ppb
Titanium	47-1	0.16	0.13	0.13	0.14	13.71	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.15	0.12	0.10	0.13	18.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	5.37	5.63	5.22	5.41	3.87	ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	62.15	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.29	4.11	4.76	4.39	7.69	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	35.38	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	15.08	14.45	15.12	14.88	2.54	ppb
Barium	137-1	14.85	14.95	14.68	14.83	0.90	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	36.59	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	4.47	5.29	4.95	4.90	8.38	ppb
Boron	11-1	5.09	5.04	5.61	5.25	6.00	ppb
Cadmium	111-1	-0.02	-0.03	-0.13	-0.06		ppb
Cadmium	106-1	-0.46	-0.77	-1.97	-1.07		ppb
Cadmium	108-1	-0.09	-0.02	0.05	-0.02		ppb
Calcium	43-1	1231.83	1193.20	1199.51	1208.18	1.72	ppb
Calcium	44-1	1218.31	1171.13	1164.08	1184.51	2.49	ppb
Chromium	52-2	0.05	0.04	0.02	0.04	40.65	ppb
Cobalt	59-2	0.44	0.47	0.43	0.45	4.81	ppb
Copper	63-2	0.22	0.19	0.10	0.17	37.82	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				95		%
Holmium	165-2				88		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	6.21	5.90	5.50	5.87	6.02	ppb
Iron	57-2	7.42	8.31	6.46	7.39	12.51	ppb
Lead	206-1	0.03	0.03	0.03	0.03	3.91	ppb
Lead	207-1	0.03	0.03	0.01	0.03	40.10	ppb
Lead	208-1	0.03	0.03	0.02	0.03	14.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	309.41	312.72	300.10	307.41	2.13	ppb
Manganese	55-2	8.44	8.46	7.91	8.27	3.80	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.02	0.00	682.40	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	205.40	ppb
Molybdenum	96-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.31	0.29	0.30	3.71	ppb
Phosphorus	31-2	-7.00	9.33	-5.71	-1.13		ppb
Potassium	39-2	382.02	373.48	352.88	369.46	4.05	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	-0.14	0.75	-0.14	0.16	322.21	ppb
Selenium	78-2	0.79	0.72	0.47	0.66	25.44	ppb
Selenium	82-1	-0.21	-0.29	-0.26	-0.26		ppb
Silicon	28-1	452.05	429.75	426.05	435.95	3.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.72	ppb
Silver	107-1	0.03	0.03	0.02	0.03	10.20	ppb
Sodium	23-2	1584.26	1583.12	1529.09	1565.49	2.01	ppb
Strontium	86-1	8.56	8.81	8.51	8.63	1.87	ppb
Strontium	88-1	8.75	8.71	8.53	8.66	1.34	ppb
Sulfur	34-1	299.31	-6.87	-122.61	56.61	385.11	ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.06	0.04	0.05	26.10	ppb
Titanium	47-1	0.17	0.08	0.13	0.13	36.00	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.09	0.11	0.10	0.10	11.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	5.34	5.22	5.03	5.20	3.05	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

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

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	1.08	0.45	1.03	53.46	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.62	ppb
Arsenic	75-2	-0.04	-0.02	-0.02	-0.02		ppb
Barium	135-1	2.95	2.87	2.83	2.88	2.11	ppb
Barium	137-1	2.87	2.72	2.79	2.79	2.72	ppb
Beryllium	9-1	0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	2.81	2.27	1.78	2.29	22.49	ppb
Boron	11-1	2.62	2.61	2.18	2.47	10.00	ppb
Cadmium	111-1	-0.05	-0.05	-0.03	-0.05		ppb
Cadmium	106-1	-0.71	-0.82	-0.45	-0.66		ppb
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Calcium	43-1	242.85	234.82	238.02	238.57	1.69	ppb
Calcium	44-1	230.85	226.54	224.63	227.34	1.40	ppb
Chromium	52-2	0.03	-0.01	0.04	0.02	161.88	ppb
Cobalt	59-2	0.06	0.09	0.08	0.08	18.11	ppb
Copper	63-2	-0.25	-0.23	-0.26	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	1.45	1.47	1.60	1.51	5.52	ppb
Iron	57-2	0.73	1.94	0.90	1.19	55.28	ppb
Lead	206-1	0.02	0.03	0.03	0.03	18.99	ppb
Lead	207-1	0.03	0.02	0.02	0.02	13.01	ppb
Lead	208-1	0.03	0.02	0.02	0.02	25.95	ppb
Lithium	6-1				95		%
Magnesium	24-2	56.66	60.36	62.01	59.68	4.59	ppb
Manganese	55-2	1.62	1.62	1.67	1.64	1.85	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.02	0.02	0.01	184.73	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.05	0.04	27.08	ppb
Phosphorus	31-2	-2.04	-3.22	11.35	2.03	399.12	ppb
Potassium	39-2	69.51	73.75	74.54	72.60	3.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-0.14	-0.14	0.71	0.15	334.54	ppb
Selenium	78-2	-0.26	0.13	0.04	-0.03		ppb
Selenium	82-1	0.03	-0.19	0.41	0.09	357.29	ppb
Silicon	28-1	81.14	79.91	78.50	79.85	1.66	ppb
Silver	109-1	0.01	0.01	0.02	0.01	20.02	ppb
Silver	107-1	0.02	0.01	0.02	0.01	21.41	ppb
Sodium	23-2	319.57	330.32	335.21	328.37	2.44	ppb
Strontium	86-1	1.59	1.73	1.59	1.64	4.98	ppb
Strontium	88-1	1.70	1.66	1.65	1.67	1.36	ppb
Sulfur	34-1	-276.89	-348.12	-462.39	-362.47		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.05	0.06	0.04	42.61	ppb
Titanium	47-1	0.16	0.06	0.05	0.09	66.74	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.04	0.03	0.04	22.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.95	0.99	0.97	0.97	1.92	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	838.87	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	199.28	194.16	184.48	192.64	3.90	ppb
Antimony	121-1	10.34	10.40	10.62	10.46	1.41	ppb
Arsenic	75-2	4.31	4.35	4.01	4.22	4.40	ppb
Barium	135-1	218.03	220.60	222.05	220.22	0.92	ppb
Barium	137-1	217.84	221.23	223.50	220.85	1.29	ppb
Beryllium	9-1	4.68	4.99	5.33	5.00	6.49	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	4.12	4.14	4.30	4.19	2.33	ppb
Boron	11-1	3.98	4.32	4.17	4.16	4.13	ppb
Cadmium	111-1	5.20	5.14	5.34	5.23	1.90	ppb
Cadmium	106-1	3.36	2.24	3.88	3.16	26.62	ppb
Cadmium	108-1	5.20	4.50	4.97	4.89	7.33	ppb
Calcium	43-1	1177.46	1212.16	1259.95	1216.52	3.40	ppb
Calcium	44-1	1173.52	1203.93	1216.42	1197.96	1.84	ppb
Chromium	52-2	21.45	21.09	20.01	20.85	3.59	ppb
Cobalt	59-2	56.04	54.20	51.84	54.03	3.90	ppb
Copper	63-2	28.80	27.68	26.60	27.69	3.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	110.86	106.94	101.91	106.57	4.21	ppb
Iron	57-2	108.45	119.07	102.81	110.11	7.50	ppb
Lead	206-1	2.04	2.12	2.06	2.07	2.04	ppb
Lead	207-1	2.06	2.18	2.09	2.11	2.85	ppb
Lead	208-1	2.06	2.10	2.05	2.07	1.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	332.50	316.05	298.95	315.83	5.31	ppb
Manganese	55-2	62.31	59.67	58.47	60.15	3.26	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	26.81	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	463.68	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	116.99	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	222.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.77	54.63	52.40	54.60	4.00	ppb
Phosphorus	31-2	-4.77	1.73	2.79	-0.08		ppb
Potassium	39-2	397.06	380.19	368.71	381.99	3.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	16.90	14.62	11.87	14.46	17.41	ppb
Selenium	78-2	16.67	13.92	15.40	15.33	8.99	ppb
Selenium	82-1	14.74	14.43	15.19	14.78	2.58	ppb
Silicon	28-1	432.63	444.86	450.56	442.68	2.07	ppb
Silver	109-1	5.35	5.51	5.39	5.42	1.52	ppb
Silver	107-1	5.31	5.25	5.33	5.30	0.80	ppb
Sodium	23-2	1651.68	1603.37	1520.06	1591.70	4.18	ppb
Strontium	86-1	8.93	8.77	9.03	8.91	1.48	ppb
Strontium	88-1	8.61	8.77	8.77	8.72	1.10	ppb
Sulfur	34-1	-84.33	131.68	187.70	78.35	183.33	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	4.86	5.01	5.01	4.96	1.84	ppb
Thallium	205-1	4.88	4.99	4.96	4.94	1.19	ppb
Tin	118-1	0.03	0.06	0.05	0.05	39.31	ppb
Titanium	47-1	0.06	0.07	0.14	0.09	49.19	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	54.16	52.11	49.81	52.03	4.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	61.31	57.63	54.59	57.85	5.82	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.02	0.01	233.68	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.41	13.55	13.20	13.72	4.56	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.46	ppb
Arsenic	75-2	-0.02	0.01	0.00	0.00		ppb
Barium	135-1	12.50	12.94	12.56	12.67	1.88	ppb
Barium	137-1	12.27	12.80	12.86	12.64	2.57	ppb
Beryllium	9-1	0.06	0.02	0.02	0.03	73.40	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	5.23	5.85	5.46	5.51	5.71	ppb
Boron	11-1	5.46	5.61	5.54	5.54	1.35	ppb
Cadmium	111-1	0.00	-0.11	-0.12	-0.08		ppb
Cadmium	106-1	-0.23	-1.58	-1.68	-1.17		ppb
Cadmium	108-1	-0.07	-0.04	0.00	-0.03		ppb
Calcium	43-1	645.82	644.09	654.97	648.29	0.90	ppb
Calcium	44-1	635.85	634.67	646.11	638.87	0.99	ppb
Chromium	52-2	0.04	0.05	0.06	0.05	18.46	ppb
Cobalt	59-2	0.30	0.28	0.29	0.29	3.24	ppb
Copper	63-2	1.13	1.07	1.07	1.09	3.21	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				95		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20.44	19.35	19.65	19.81	2.84	ppb
Iron	57-2	21.83	20.53	18.80	20.38	7.46	ppb
Lead	206-1	0.33	0.33	0.35	0.34	3.36	ppb
Lead	207-1	0.33	0.32	0.30	0.32	5.84	ppb
Lead	208-1	0.34	0.31	0.33	0.33	3.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	229.00	218.13	227.82	224.98	2.65	ppb
Manganese	55-2	5.19	4.93	4.91	5.01	3.14	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.01	0.00	0.00	1842.81	ppb
Molybdenum	95-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.22	0.25	0.24	8.49	ppb
Phosphorus	31-2	-6.90	-9.99	-4.19	-7.03		ppb
Potassium	39-2	311.35	294.20	294.09	299.88	3.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.29	0.69	0.28	0.42	56.05	ppb
Selenium	78-2	-0.39	-1.02	-0.36	-0.59		ppb
Selenium	82-1	-0.25	-0.28	-0.38	-0.31		ppb
Silicon	28-1	428.44	431.26	442.87	434.19	1.76	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.18	ppb
Silver	107-1	0.01	0.02	0.02	0.02	14.52	ppb
Sodium	23-2	555.23	520.96	527.41	534.53	3.41	ppb
Strontium	86-1	5.46	5.66	5.48	5.53	1.94	ppb
Strontium	88-1	5.48	5.48	5.52	5.50	0.46	ppb
Sulfur	34-1	-178.63	-134.15	45.06	-89.24		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.09	0.07	0.09	0.08	9.18	ppb
Titanium	47-1	0.14	0.13	0.15	0.14	7.40	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.07	0.06	0.05	0.06	17.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	5.48	5.33	5.28	5.36	1.98	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

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

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.55	0.89	0.69	25.77	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	49.73	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	11.69	11.38	11.78	11.62	1.81	ppb
Barium	137-1	11.51	11.86	12.11	11.83	2.58	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	98.53	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	3.18	3.79	3.57	3.52	8.82	ppb
Boron	11-1	3.32	3.10	3.59	3.34	7.51	ppb
Cadmium	111-1	-0.01	-0.11	-0.16	-0.09		ppb
Cadmium	106-1	-0.08	-1.67	-2.13	-1.29		ppb
Cadmium	108-1	-0.07	-0.07	-0.02	-0.05		ppb
Calcium	43-1	1183.26	1214.09	1292.05	1229.80	4.56	ppb
Calcium	44-1	1168.00	1187.58	1247.94	1201.17	3.47	ppb
Chromium	52-2	0.03	0.03	0.02	0.03	20.26	ppb
Cobalt	59-2	0.20	0.19	0.20	0.20	4.23	ppb
Copper	63-2	0.34	0.22	0.36	0.31	24.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1.36	1.23	1.25	1.28	5.55	ppb
Iron	57-2	3.05	2.11	1.27	2.14	41.64	ppb
Lead	206-1	0.07	0.08	0.08	0.08	3.33	ppb
Lead	207-1	0.09	0.07	0.08	0.08	12.44	ppb
Lead	208-1	0.09	0.08	0.09	0.09	2.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	262.07	254.65	263.64	260.12	1.85	ppb
Manganese	55-2	3.13	2.91	2.93	2.99	4.14	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	596.78	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	1107.87	ppb
Molybdenum	96-1	-0.03	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.14	0.10	0.13	19.06	ppb
Phosphorus	31-2	-6.70	-12.96	-3.13	-7.59		ppb
Potassium	39-2	305.64	289.76	291.95	295.78	2.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	-0.37	-0.51	0.06	-0.27		ppb
Selenium	82-1	-0.43	-0.29	-0.32	-0.35		ppb
Silicon	28-1	357.97	366.04	384.44	369.48	3.67	ppb
Silver	109-1	0.02	0.01	0.02	0.02	16.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.39	ppb
Sodium	23-2	810.14	787.33	797.73	798.40	1.43	ppb
Strontium	86-1	7.19	7.36	7.40	7.31	1.49	ppb
Strontium	88-1	7.11	7.16	7.38	7.22	2.02	ppb
Sulfur	34-1	-24.97	20.14	311.01	102.06	178.68	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.03	0.01	0.03	0.03	38.24	ppb
Titanium	47-1	0.13	0.12	0.14	0.13	10.04	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	11.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.75	0.78	0.85	0.79	6.33	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

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

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	1.07	1.17	1.07	9.15	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	18.09	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	11.94	12.10	12.20	12.08	1.11	ppb
Barium	137-1	12.32	12.31	12.34	12.32	0.12	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	76.89	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	3.30	3.56	3.57	3.48	4.35	ppb
Boron	11-1	3.49	3.26	3.31	3.35	3.73	ppb
Cadmium	111-1	-0.11	-0.08	0.03	-0.05		ppb
Cadmium	106-1	-1.46	-1.04	0.30	-0.73		ppb
Cadmium	108-1	-0.07	-0.07	-0.07	-0.07		ppb
Calcium	43-1	1126.51	1186.62	1167.27	1160.13	2.64	ppb
Calcium	44-1	1133.74	1168.62	1144.06	1148.80	1.56	ppb
Chromium	52-2	0.02	0.03	0.04	0.03	30.41	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	19.20	ppb
Copper	63-2	-0.21	-0.18	-0.24	-0.21		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				95		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	0.36	0.26	0.31	0.31	17.18	ppb
Iron	57-2	1.31	1.09	0.85	1.08	21.41	ppb
Lead	206-1	0.05	0.05	0.08	0.06	30.89	ppb
Lead	207-1	0.07	0.07	0.06	0.07	3.90	ppb
Lead	208-1	0.06	0.06	0.06	0.06	5.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	282.37	285.68	278.44	282.16	1.29	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	43.86	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.02	0.01	0.03	109.17	ppb
Molybdenum	95-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.05	0.09	0.07	31.09	ppb
Phosphorus	31-2	16.79	17.96	6.80	13.85	44.28	ppb
Potassium	39-2	304.06	315.98	300.07	306.71	2.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	-0.30	0.29	-0.14	-0.05		ppb
Selenium	82-1	-0.12	-0.18	0.29	0.00		ppb
Silicon	28-1	361.67	370.96	368.11	366.91	1.30	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.43	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.87	ppb
Sodium	23-2	1126.86	1143.09	1127.37	1132.44	0.81	ppb
Strontium	86-1	7.59	7.75	7.62	7.65	1.15	ppb
Strontium	88-1	7.52	7.64	7.61	7.59	0.83	ppb
Sulfur	34-1	-12.66	264.76	57.43	103.18	139.82	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.05	0.02	0.08	0.05	60.02	ppb
Titanium	47-1	0.08	0.09	0.14	0.10	35.26	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.06	0.04	0.04	43.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	1.66	1.50	1.72	1.63	7.00	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	33.63	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	17.92	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47961.05	48736.94	48017.58	48238.53	0.90	ppb
Antimony	121-1	507.30	508.56	512.34	509.40	0.51	ppb
Arsenic	75-2	502.71	504.55	509.78	505.68	0.72	ppb
Barium	135-1	2570.05	2552.60	2577.69	2566.78	0.50	ppb
Barium	137-1	2571.92	2556.68	2569.80	2566.13	0.32	ppb
Beryllium	9-1	507.52	507.18	506.25	506.99	0.13	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	498.22	508.88	526.13	511.08	2.76	ppb
Boron	11-1	513.87	521.49	530.42	521.93	1.59	ppb
Cadmium	111-1	498.86	496.92	499.52	498.43	0.27	ppb
Cadmium	106-1	513.85	508.48	510.27	510.87	0.54	ppb
Cadmium	108-1	509.18	508.70	515.96	511.28	0.79	ppb
Calcium	43-1	241225.48	241318.03	239903.22	240815.58	0.33	ppb
Calcium	44-1	242289.86	240590.38	239825.29	240901.84	0.52	ppb
Chromium	52-2	502.12	515.06	505.86	507.68	1.31	ppb
Cobalt	59-2	486.23	493.31	493.17	490.90	0.82	ppb
Copper	63-2	965.39	986.00	979.21	976.87	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	118590.86	120679.54	119885.51	119718.64	0.88	ppb
Iron	57-2	118728.63	120530.54	120473.87	119911.01	0.85	ppb
Lead	206-1	516.47	505.45	506.13	509.35	1.21	ppb
Lead	207-1	521.78	515.94	511.13	516.28	1.03	ppb
Lead	208-1	523.43	519.85	516.07	519.78	0.71	ppb
Lithium	6-1				91		%
Magnesium	24-2	244452.11	247594.88	244511.12	245519.37	0.73	ppb
Manganese	55-2	977.73	1002.65	997.45	992.61	1.32	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2561.06	2566.42	2544.06	2557.18	0.46	ppb
Molybdenum	95-1	2568.61	2569.24	2542.85	2560.23	0.59	ppb
Molybdenum	96-1	2573.26	2555.66	2538.82	2555.91	0.67	ppb
Molybdenum	97-1	2561.05	2569.36	2542.90	2557.77	0.53	ppb
Molybdenum	98-1	2557.64	2567.07	2564.17	2562.96	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.57	493.78	493.06	491.47	0.69	ppb
Phosphorus	31-2	10001.71	10107.88	10226.14	10111.91	1.11	ppb
Potassium	39-2	120166.94	122062.87	120874.43	121034.75	0.79	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	478.21	505.11	476.37	486.56	3.31	ppb
Selenium	78-2	479.84	480.43	502.67	487.65	2.67	ppb
Selenium	82-1	496.45	487.85	488.30	490.87	0.99	ppb
Silicon	28-1	591.89	593.08	593.83	592.93	0.16	ppb
Silver	109-1	495.49	496.59	499.93	497.34	0.46	ppb
Silver	107-1	497.36	497.55	496.57	497.16	0.10	ppb
Sodium	23-2	246127.13	249745.68	248841.80	248238.21	0.76	ppb
Strontium	86-1	519.91	514.95	523.06	519.31	0.79	ppb
Strontium	88-1	528.13	521.33	526.36	525.27	0.67	ppb
Sulfur	34-1	10472.29	10556.63	10207.94	10412.29	1.75	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	519.37	514.92	515.63	516.64	0.46	ppb
Thallium	205-1	524.95	516.31	515.21	518.82	1.03	ppb
Tin	118-1	512.30	513.11	509.88	511.76	0.33	ppb
Titanium	47-1	2549.97	2544.39	2532.82	2542.39	0.34	ppb
Uranium	238-1	546.66	539.82	531.37	539.28	1.42	ppb
Vanadium	51-2	505.30	511.23	507.71	508.08	0.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	945.57	966.59	964.44	958.87	1.21	ppb
Zirconium	90-1	513.27	515.45	509.07	512.59	0.63	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.73	508.46	504.53	506.91	0.41	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.98	2.36	2.08	2.14	9.13	ppb
Antimony	121-1	0.65	0.67	0.69	0.67	3.08	ppb
Arsenic	75-2	0.03	0.01	0.05	0.03	64.75	ppb
Barium	135-1	0.03	0.02	0.04	0.03	20.98	ppb
Barium	137-1	0.02	0.03	0.01	0.02	48.22	ppb
Beryllium	9-1	0.05	0.01	0.01	0.03	87.41	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	8.10	6.60	6.39	7.03	13.26	ppb
Boron	11-1	6.98	6.76	6.37	6.70	4.59	ppb
Cadmium	111-1	-0.04	-0.01	0.06	0.01	923.19	ppb
Cadmium	106-1	-0.71	-0.18	0.65	-0.08		ppb
Cadmium	108-1	-0.04	-0.06	-0.02	-0.04		ppb
Calcium	43-1	5.26	2.94	6.15	4.79	34.64	ppb
Calcium	44-1	-1.35	-0.67	-3.47	-1.83		ppb
Chromium	52-2	0.02	0.06	0.04	0.04	40.12	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.57	-0.55	-0.54	-0.55		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				94		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	5.34	5.36	5.30	5.33	0.58	ppb
Iron	57-2	5.19	6.13	5.39	5.57	8.83	ppb
Lead	206-1	0.05	0.04	0.04	0.05	13.68	ppb
Lead	207-1	0.05	0.04	0.03	0.04	18.71	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.77	4.18	4.64	4.19	10.35	ppb
Manganese	55-2	0.00	0.02	0.01	0.01	91.04	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.40	0.41	0.43	8.93	ppb
Molybdenum	95-1	0.47	0.44	0.46	0.46	4.05	ppb
Molybdenum	96-1	0.54	0.44	0.48	0.48	10.38	ppb
Molybdenum	97-1	0.56	0.48	0.52	0.52	7.75	ppb
Molybdenum	98-1	0.53	0.44	0.42	0.46	12.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	5.19	5.69	-2.79	2.70	176.50	ppb
Potassium	39-2	16.27	14.97	15.50	15.58	4.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.71	0.29	0.29	0.43	56.86	ppb
Selenium	78-2	0.44	-0.60	-0.67	-0.27		ppb
Selenium	82-1	0.11	-0.39	-0.35	-0.21		ppb
Silicon	28-1	-2.63	-3.96	-3.97	-3.52		ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.22	ppb
Silver	107-1	0.02	0.01	0.02	0.02	25.69	ppb
Sodium	23-2	45.80	46.91	46.61	46.44	1.24	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	5.18	ppb
Sulfur	34-1	-138.26	-192.11	-263.10	-197.82		ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.07	0.06	0.05	0.06	10.68	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	13.52	ppb
Tin	118-1	0.22	0.18	0.18	0.19	12.95	ppb
Titanium	47-1	0.11	0.09	0.08	0.09	14.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	57.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	0.06	0.01	0.01	0.03	112.60	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	3.08	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.12	0.10	14.76	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.59	38.34	39.81	38.91	2.03	ppb
Antimony	121-1	0.36	0.32	0.34	0.34	5.86	ppb
Arsenic	75-2	0.13	0.18	0.20	0.17	22.58	ppb
Barium	135-1	148.10	148.86	148.38	148.44	0.26	ppb
Barium	137-1	145.79	150.12	149.33	148.41	1.56	ppb
Beryllium	9-1	0.30	0.20	0.30	0.27	21.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	29.37	28.83	29.99	29.39	1.99	ppb
Boron	11-1	29.46	30.45	30.14	30.02	1.70	ppb
Cadmium	111-1	0.00	0.02	0.13	0.05	138.52	ppb
Cadmium	106-1	-1.57	-1.33	-0.52	-1.14		ppb
Cadmium	108-1	0.10	0.09	0.15	0.11	29.29	ppb
Calcium	43-1	11942.33	12069.06	11899.92	11970.44	0.74	ppb
Calcium	44-1	12077.31	12225.98	12211.55	12171.62	0.67	ppb
Chromium	52-2	0.18	0.18	0.18	0.18	1.53	ppb
Cobalt	59-2	4.89	5.00	4.96	4.95	1.11	ppb
Copper	63-2	2.14	2.25	2.33	2.24	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	57.38	58.81	59.25	58.48	1.67	ppb
Iron	57-2	66.37	67.55	67.49	67.14	0.99	ppb
Lead	206-1	0.49	0.50	0.51	0.50	2.14	ppb
Lead	207-1	0.51	0.46	0.45	0.47	7.44	ppb
Lead	208-1	0.49	0.47	0.46	0.47	3.76	ppb
Lithium	6-1				108		%
Magnesium	24-2	3017.22	3073.28	3067.87	3052.79	1.01	ppb
Manganese	55-2	79.47	80.86	82.06	80.80	1.60	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.17	0.21	0.19	12.19	ppb
Molybdenum	95-1	0.15	0.16	0.17	0.16	6.57	ppb
Molybdenum	96-1	0.16	0.19	0.17	0.17	9.49	ppb
Molybdenum	97-1	0.19	0.14	0.12	0.15	23.94	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.26	3.05	3.17	3.28	ppb
Phosphorus	31-2	-11.01	-11.88	-15.88	-12.92		ppb
Potassium	39-2	3630.17	3656.41	3662.41	3649.66	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	12.80	12.32	11.99	12.37	3.32	ppb
Selenium	78-2	8.64	10.24	10.86	9.91	11.56	ppb
Selenium	82-1	10.98	11.36	11.09	11.14	1.77	ppb
Silicon	28-1	3854.22	3924.95	3869.20	3882.79	0.96	ppb
Silver	109-1	0.15	0.17	0.18	0.17	9.29	ppb
Silver	107-1	0.18	0.17	0.17	0.17	5.13	ppb
Sodium	23-2	15666.90	15769.61	15812.20	15749.57	0.47	ppb
Strontium	86-1	86.67	85.59	86.16	86.14	0.62	ppb
Strontium	88-1	86.85	86.85	86.93	86.88	0.06	ppb
Sulfur	34-1	3524.21	3700.11	3556.38	3593.57	2.61	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.19	0.15	0.11	0.15	25.13	ppb
Thallium	205-1	0.20	0.16	0.11	0.15	28.84	ppb
Tin	118-1	0.24	0.24	0.26	0.25	3.24	ppb
Titanium	47-1	0.34	0.31	0.40	0.35	13.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.90	ppb
Vanadium	51-2	0.24	0.24	0.25	0.24	2.78	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	57.04	58.42	57.92	57.79	1.21	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.69	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.04	22.22	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49152.58	48010.70	48703.41	48622.23	1.18	ppb
Antimony	121-1	500.98	508.89	490.69	500.19	1.83	ppb
Arsenic	75-2	505.78	501.00	504.74	503.84	0.50	ppb
Barium	135-1	2542.73	2568.50	2478.58	2529.93	1.83	ppb
Barium	137-1	2530.56	2572.95	2477.74	2527.08	1.89	ppb
Beryllium	9-1	500.08	507.05	492.82	499.98	1.42	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Boron	10-1	498.98	512.05	498.79	503.27	1.51	ppb
Boron	11-1	501.11	525.30	510.78	512.40	2.38	ppb
Cadmium	111-1	495.97	501.76	484.84	494.19	1.74	ppb
Cadmium	106-1	501.84	516.33	493.44	503.87	2.30	ppb
Cadmium	108-1	504.66	516.03	492.27	504.32	2.36	ppb
Calcium	43-1	238231.30	238618.88	228073.88	234974.68	2.54	ppb
Calcium	44-1	236396.91	237542.73	229320.20	234419.95	1.90	ppb
Chromium	52-2	517.90	506.93	517.68	514.17	1.22	ppb
Cobalt	59-2	497.50	484.11	493.71	491.77	1.40	ppb
Copper	63-2	983.47	963.28	984.01	976.92	1.21	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				91		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	121434.92	117463.69	120415.17	119771.26	1.72	ppb
Iron	57-2	121902.04	118338.27	120316.77	120185.69	1.49	ppb
Lead	206-1	513.59	508.90	485.63	502.70	2.98	ppb
Lead	207-1	516.29	517.89	491.99	508.72	2.85	ppb
Lead	208-1	521.87	520.67	497.38	513.31	2.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	247890.34	243045.00	244290.31	245075.21	1.03	ppb
Manganese	55-2	1003.39	980.73	1005.02	996.38	1.36	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2531.49	2521.14	2436.73	2496.46	2.08	ppb
Molybdenum	95-1	2544.98	2523.06	2438.20	2502.08	2.25	ppb
Molybdenum	96-1	2532.00	2520.26	2445.76	2499.34	1.87	ppb
Molybdenum	97-1	2529.44	2530.26	2446.32	2502.01	1.93	ppb
Molybdenum	98-1	2529.91	2525.56	2459.36	2504.94	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.49	486.63	499.56	495.23	1.50	ppb
Phosphorus	31-2	10119.03	9874.31	10275.39	10089.58	2.00	ppb
Potassium	39-2	122729.12	119169.29	121425.08	121107.83	1.49	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	486.81	459.00	479.43	475.08	3.03	ppb
Selenium	78-2	511.46	475.87	493.42	493.58	3.61	ppb
Selenium	82-1	485.04	483.95	470.51	479.83	1.69	ppb
Silicon	28-1	571.44	579.04	553.02	567.83	2.36	ppb
Silver	109-1	493.98	500.12	482.93	492.34	1.77	ppb
Silver	107-1	494.32	499.94	477.81	490.69	2.35	ppb
Sodium	23-2	251261.42	245704.91	250566.50	249177.61	1.21	ppb
Strontium	86-1	513.17	514.94	498.30	508.80	1.80	ppb
Strontium	88-1	518.81	521.35	502.78	514.31	1.96	ppb
Sulfur	34-1	10218.30	10372.61	9641.02	10077.31	3.83	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	516.95	518.04	498.02	511.00	2.20	ppb
Thallium	205-1	527.72	520.67	500.63	516.34	2.72	ppb
Tin	118-1	504.23	509.15	490.39	501.26	1.94	ppb
Titanium	47-1	2518.55	2520.82	2427.80	2489.06	2.13	ppb
Uranium	238-1	539.90	534.94	518.05	530.96	2.16	ppb
Vanadium	51-2	517.33	504.43	515.10	512.28	1.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	962.68	935.66	963.75	954.03	1.67	ppb
Zirconium	90-1	504.80	507.23	490.58	500.87	1.80	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.58	500.85	482.49	492.64	1.89	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	2.42	1.64	2.03	19.26	ppb
Antimony	121-1	1.42	1.31	1.26	1.33	6.02	ppb
Arsenic	75-2	0.11	0.05	0.10	0.09	32.99	ppb
Barium	135-1	0.07	0.03	0.03	0.04	50.26	ppb
Barium	137-1	0.04	0.03	0.04	0.04	23.00	ppb
Beryllium	9-1	0.02	0.01	0.08	0.04	97.22	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	14.78	10.55	9.43	11.59	24.37	ppb
Boron	11-1	12.91	12.07	11.01	12.00	7.94	ppb
Cadmium	111-1	-0.06	-0.05	0.00	-0.04		ppb
Cadmium	106-1	-0.87	-0.83	-0.20	-0.63		ppb
Cadmium	108-1	0.01	0.06	-0.04	0.01	579.61	ppb
Calcium	43-1	5.32	3.89	1.67	3.63	50.74	ppb
Calcium	44-1	-0.63	-1.53	-1.97	-1.38		ppb
Chromium	52-2	0.05	0.02	0.06	0.04	39.37	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.57	-0.65	-0.62	-0.61		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	9.14	7.45	7.61	8.07	11.54	ppb
Iron	57-2	8.96	7.46	7.81	8.08	9.68	ppb
Lead	206-1	0.07	0.06	0.06	0.06	5.63	ppb
Lead	207-1	0.08	0.07	0.05	0.07	23.34	ppb
Lead	208-1	0.07	0.06	0.07	0.07	10.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.62	2.41	2.52	2.52	4.32	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.79	0.69	0.62	0.70	12.36	ppb
Molybdenum	95-1	1.01	0.89	0.84	0.91	9.53	ppb
Molybdenum	96-1	0.97	0.86	0.88	0.91	6.57	ppb
Molybdenum	97-1	1.04	0.86	0.79	0.90	14.60	ppb
Molybdenum	98-1	1.12	0.86	0.82	0.93	17.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	0.01	-0.02		ppb
Phosphorus	31-2	-7.45	-7.41	5.56	-3.10		ppb
Potassium	39-2	32.67	18.88	27.29	26.28	26.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.30	-0.14	0.73	0.30	145.22	ppb
Selenium	78-2	0.39	-0.42	-0.22	-0.08		ppb
Selenium	82-1	0.05	0.08	-0.11	0.01	1540.50	ppb
Silicon	28-1	-0.91	-2.52	-2.66	-2.03		ppb
Silver	109-1	0.02	0.02	0.03	0.02	7.07	ppb
Silver	107-1	0.03	0.02	0.02	0.02	11.00	ppb
Sodium	23-2	63.53	57.04	59.95	60.17	5.40	ppb
Strontium	86-1	0.00	-0.03	0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	38.05	ppb
Sulfur	34-1	2.95	-99.49	-194.05	-96.86		ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	0.11	0.12	0.09	0.11	14.19	ppb
Thallium	205-1	0.12	0.09	0.09	0.10	17.16	ppb
Tin	118-1	0.31	0.31	0.28	0.30	6.35	ppb
Titanium	47-1	0.09	0.16	0.11	0.12	28.67	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	59.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.01	0.03	0.07	0.04	76.40	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	10.90	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.05	0.06	27.94	ppb

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	75	47	53.91	cps
Antimony	121-1	125	150	200	158	24.12	cps
Arsenic	75-2	19	22	13	18	26.04	cps
Barium	135-1	8	42	75	42	80.00	cps
Barium	137-1	125	75	100	100	25.00	cps
Beryllium	9-1	150	94	167	137	27.59	cps
Bismuth	209-1	7107784	7156614	7038033	7100810	0.84	cps
Bismuth	209-2	4458774	4729501	4610099	4599458	2.95	cps
Boron	10-1	217	133	100	150	40.06	cps
Boron	11-1	800	650	783	744	11.04	cps
Cadmium	111-1	1950	1870	1961	1927	2.56	cps
Cadmium	106-1	2750	2659	2792	2734	2.50	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	192	183	217	197	8.80	cps
Calcium	44-1	17386	18012	16802	17400	3.48	cps
Chromium	52-2	527	570	570	556	4.50	cps
Cobalt	59-2	190	227	193	203	9.97	cps
Copper	63-2	5144	5608	5221	5324	4.67	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	67	58	117	81	39.16	cps
Gadolinium	160-2	60	83	70	71	16.46	cps
Holmium	165-1	11093882	11142329	11105016	11113742	0.23	cps
Holmium	165-2	6025957	6320856	6219467	6188760	2.42	cps
Indium	115-1	9267021	9248694	9262622	9259446	0.10	cps
Indium	115-2	1852537	1942533	1909872	1901647	2.40	cps
Iron	56-2	3000	3106	2778	2961	5.65	cps
Iron	57-2	206	161	183	183	12.12	cps
Lead	206-1	1011	972	1217	1067	12.31	cps
Lead	207-1	1017	911	967	965	5.47	cps
Lead	208-1	4412	4112	4450	4324	4.29	cps
Lithium	6-1	1895242	1915616	1903867	1904909	0.54	cps
Magnesium	24-2	483	458	400	447	9.56	cps
Manganese	55-2	37	40	73	50	40.55	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	425	383	342	32.27	cps
Molybdenum	95-1	200	242	175	206	16.38	cps
Molybdenum	96-1	267	333	308	303	11.12	cps
Molybdenum	97-1	250	142	133	175	37.19	cps
Molybdenum	98-1	408	233	275	306	29.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	97	103	86	29.50	cps
Phosphorus	31-2	167	225	258	217	21.42	cps
Potassium	39-2	36179	35343	36245	35922	1.40	cps
Rhodium	103-1	8482561	8484221	8408699	8458494	0.51	cps
Rhodium	103-2	4100971	4309786	4239396	4216718	2.52	cps
Scandium	45-1	5816153	5810089	5835180	5820474	0.22	cps
Scandium	45-2	266602	285199	279486	277095	3.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	106	104	102	104	1.79	cps
Selenium	82-1	29	-19	24	11	238.39	cps
Silicon	28-1	309136	309652	307108	308632	0.44	cps
Silver	109-1	58	58	92	69	27.71	cps
Silver	107-1	67	75	83	75	11.11	cps
Sodium	23-2	22635	22593	23110	22779	1.26	cps
Strontium	86-1	575	567	508	550	6.61	cps
Strontium	88-1	25	100	67	64	58.82	cps
Sulfur	34-1	357513	361815	360416	359915	0.61	cps
Terbium	159-1	11654112	11637737	11599149	11630332	0.24	cps
Terbium	159-2	6047720	6347713	6208935	6201456	2.42	cps
Thallium	203-1	350	367	292	336	11.72	cps
Thallium	205-1	783	850	875	836	5.67	cps
Tin	118-1	1092	1000	967	1020	6.35	cps
Titanium	47-1	150	117	92	119	24.50	cps
Uranium	238-1	508	458	450	472	6.68	cps
Vanadium	51-2	17	17	30	21	36.45	cps
Yttrium	89-1	9514324	9574607	9550004	9546312	0.32	cps
Yttrium	89-2	1426484	1495383	1473474	1465114	2.40	cps
Zinc	66-2	137	153	153	148	6.51	cps
Zirconium	90-1	708	775	750	744	4.52	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:14:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	133	142	10.19	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2125	2084	2150	2120	1.59	cps
Antimony	121-1	19781	19639	19130	19517	1.75	cps
Arsenic	75-2	333	369	359	354	5.16	cps
Barium	135-1	24414	23462	23512	23796	2.25	cps
Barium	137-1	42382	42148	41681	42070	0.85	cps
Beryllium	9-1	1922	1939	2028	1963	2.89	cps
Bismuth	209-1	6808813	7026202	6876195	6903737	1.61	cps
Bismuth	209-2	4622932	4504800	4613095	4580276	1.43	cps
Boron	10-1	5418	5176	5518	5371	3.27	cps
Boron	11-1	24971	24529	25138	24880	1.27	cps
Cadmium	111-1	4214	4045	4188	4149	2.19	cps
Cadmium	106-1	3050	2692	2942	2895	6.35	cps
Cadmium	108-1	179	175	179	178	1.35	cps
Calcium	43-1	15133	15234	14449	14939	2.86	cps
Calcium	44-1	255333	257285	256073	256230	0.38	cps
Chromium	52-2	7559	7632	7495	7562	0.90	cps
Cobalt	59-2	5501	5498	5578	5526	0.82	cps
Copper	63-2	12672	12485	12235	12464	1.76	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	83	58	50	64	27.15	cps
Erbium	164-2	23	23	10	19	40.75	cps
Gadolinium	160-1	50	17	58	42	52.91	cps
Gadolinium	160-2	63	107	57	76	35.93	cps
Holmium	165-1	10849225	10951772	10871019	10890672	0.50	cps
Holmium	165-2	6208751	6101559	6233796	6181369	1.14	cps
Indium	115-1	9050042	9138218	8943243	9043834	1.08	cps
Indium	115-2	1909732	1875968	1902684	1896128	0.94	cps
Iron	56-2	142809	143248	141941	142666	0.47	cps
Iron	57-2	3617	3612	3484	3571	2.11	cps
Lead	206-1	8397	8492	8514	8468	0.73	cps
Lead	207-1	7458	7397	7363	7406	0.65	cps
Lead	208-1	34580	33946	34430	34318	0.97	cps
Lithium	6-1	1913822	1931270	1893788	1912960	0.98	cps
Magnesium	24-2	126238	127497	125060	126265	0.97	cps
Manganese	55-2	1900	1944	1930	1925	1.15	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20607	20607	19748	20321	2.44	cps
Molybdenum	95-1	24706	24455	24313	24491	0.81	cps
Molybdenum	96-1	28529	27669	26434	27544	3.82	cps
Molybdenum	97-1	15367	15284	14633	15095	2.66	cps
Molybdenum	98-1	39556	38762	38436	38918	1.48	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1617	1610	1490	1572	4.53	cps
Phosphorus	31-2	250	233	250	244	3.93	cps
Potassium	39-2	157384	156907	158959	157750	0.68	cps
Rhodium	103-1	8300394	8367373	8266130	8311299	0.62	cps
Rhodium	103-2	4237458	4125794	4200889	4188047	1.36	cps
Scandium	45-1	5780687	5839602	5688411	5769567	1.32	cps
Scandium	45-2	278277	268499	277105	274627	1.94	cps
Selenium	77-2	40	27	37	34	20.14	cps
Selenium	78-2	237	220	206	221	7.13	cps
Selenium	82-1	807	729	745	760	5.41	cps
Silicon	28-1	396691	401928	398282	398967	0.67	cps
Silver	109-1	11530	12231	12114	11958	3.14	cps
Silver	107-1	12156	12589	12206	12317	1.93	cps
Sodium	23-2	257161	259686	259041	258629	0.51	cps
Strontium	86-1	3751	3701	3651	3701	1.35	cps
Strontium	88-1	28521	28671	28471	28554	0.36	cps
Sulfur	34-1	364165	360936	364158	363087	0.51	cps
Terbium	159-1	11357499	11445532	11296651	11366561	0.66	cps
Terbium	159-2	6209967	6106698	6214174	6176947	0.99	cps
Thallium	203-1	9654	9387	9829	9623	2.31	cps
Thallium	205-1	22954	22670	22361	22662	1.31	cps
Tin	118-1	41102	41245	40710	41019	0.68	cps
Titanium	47-1	7019	7736	7194	7316	5.11	cps
Uranium	238-1	32341	31172	30478	31330	3.00	cps
Vanadium	51-2	13299	13169	13289	13253	0.55	cps
Yttrium	89-1	9456514	9523262	9378118	9452631	0.77	cps
Yttrium	89-2	1477182	1443473	1471178	1463945	1.23	cps
Zinc	66-2	1313	1250	1207	1257	4.27	cps
Zirconium	90-1	17336	16794	17044	17058	1.59	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:22:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3651	3917	3842	3803	3.62	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119189	117368	119165	118574	0.88	cps
Antimony	121-1	528572	535499	541682	535251	1.23	cps
Arsenic	75-2	19927	19710	19856	19831	0.56	cps
Barium	135-1	660809	661483	664046	662112	0.26	cps
Barium	137-1	1140241	1149606	1155116	1148321	0.65	cps
Beryllium	9-1	97640	96762	97751	97384	0.56	cps
Bismuth	209-1	7065464	6683470	6994309	6914414	2.94	cps
Bismuth	209-2	4597016	4628136	4620640	4615264	0.35	cps
Boron	10-1	10337	11688	10838	10954	6.24	cps
Boron	11-1	54600	55302	55319	55073	0.75	cps
Cadmium	111-1	131216	131439	131628	131428	0.16	cps
Cadmium	106-1	16669	15426	16410	16168	4.06	cps
Cadmium	108-1	9649	9633	9470	9584	1.03	cps
Calcium	43-1	166056	164841	163899	164932	0.66	cps
Calcium	44-1	2675836	2681384	2675164	2677461	0.13	cps
Chromium	52-2	179487	180688	181259	180478	0.50	cps
Cobalt	59-2	291138	292766	293402	292435	0.40	cps
Copper	63-2	429855	433863	433378	432365	0.51	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	43	37	83	54	46.36	cps
Holmium	165-1	11086214	10673893	10909759	10889955	1.90	cps
Holmium	165-2	6252256	6264795	6244981	6254010	0.16	cps
Indium	115-1	9181158	8788719	9000395	8990091	2.18	cps
Indium	115-2	1910243	1915700	1909343	1911762	0.18	cps
Iron	56-2	7503312	7478709	7535086	7505702	0.38	cps
Iron	57-2	183983	183533	185109	184208	0.44	cps
Lead	206-1	403253	402274	400709	402078	0.32	cps
Lead	207-1	369985	366920	367981	368295	0.42	cps
Lead	208-1	1652872	1657076	1657056	1655668	0.15	cps
Lithium	6-1	1946985	1882661	1899706	1909784	1.74	cps
Magnesium	24-2	1382253	1378585	1377510	1379449	0.18	cps
Manganese	55-2	205218	204446	207403	205689	0.75	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1076545	1086436	1096920	1086634	0.94	cps
Molybdenum	95-1	1320176	1339322	1332163	1330553	0.73	cps
Molybdenum	96-1	1469441	1480993	1480926	1477120	0.45	cps
Molybdenum	97-1	823601	831550	827876	827676	0.48	cps
Molybdenum	98-1	2144728	2155115	2152240	2150695	0.25	cps
Neodymium	150-1	20	47	60	42	48.24	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	77564	77530	77899	77664	0.26	cps
Phosphorus	31-2	6177	6268	5951	6132	2.66	cps
Potassium	39-2	704837	699023	703658	702506	0.44	cps
Rhodium	103-1	8394130	8000610	8188199	8194313	2.40	cps
Rhodium	103-2	4190461	4239968	4205097	4211842	0.60	cps
Scandium	45-1	5894516	5452885	5697439	5681613	3.89	cps
Scandium	45-2	276958	276087	277920	276989	0.33	cps
Selenium	77-2	417	493	440	450	8.73	cps
Selenium	78-2	1563	1546	1500	1537	2.12	cps
Selenium	82-1	8324	8124	8154	8201	1.31	cps
Silicon	28-1	687633	696715	691951	692100	0.66	cps
Silver	109-1	619542	629508	624772	624608	0.80	cps
Silver	107-1	653250	652196	656999	654148	0.39	cps
Sodium	23-2	2639096	2630487	2643647	2637743	0.25	cps
Strontium	86-1	175620	174557	174244	174807	0.41	cps
Strontium	88-1	1548139	1527275	1528660	1534692	0.76	cps
Sulfur	34-1	411420	407963	404372	407919	0.86	cps
Terbium	159-1	11621401	11171447	11311475	11368108	2.03	cps
Terbium	159-2	6258537	6132329	6260114	6216994	1.18	cps
Thallium	203-1	489526	493668	497345	493513	0.79	cps
Thallium	205-1	1190784	1191928	1188828	1190513	0.13	cps
Tin	118-1	441229	444479	445828	443845	0.53	cps
Titanium	47-1	385922	383904	381326	383717	0.60	cps
Uranium	238-1	1696361	1706112	1696582	1699685	0.33	cps
Vanadium	51-2	148508	146579	148754	147947	0.81	cps
Yttrium	89-1	9602645	9179752	9344593	9375664	2.27	cps
Yttrium	89-2	1466996	1487155	1475926	1476692	0.68	cps
Zinc	66-2	56335	56486	56987	56603	0.60	cps
Zirconium	90-1	897580	912136	916418	908711	1.09	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:26:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	202167	204847	204490	203835	0.71	cps

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 09:30:11 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297728	295493	293250	295491	0.76	cps
Antimony	121-1	1341088	1360831	1370514	1357478	1.10	cps
Arsenic	75-2	48499	48811	48664	48658	0.32	cps
Barium	135-1	1666024	1687003	1669689	1674238	0.67	cps
Barium	137-1	2907526	2885665	2883985	2892392	0.45	cps
Beryllium	9-1	241679	242707	242253	242213	0.21	cps
Bismuth	209-1	7044057	6778433	7037352	6953281	2.18	cps
Bismuth	209-2	4564840	4610580	4612180	4595866	0.58	cps
Boron	10-1	27008	27351	28436	27598	2.70	cps
Boron	11-1	136656	138648	138876	138060	0.88	cps
Cadmium	111-1	324229	327182	325205	325538	0.46	cps
Cadmium	106-1	36749	36883	37977	37203	1.81	cps
Cadmium	108-1	23228	23733	23520	23493	1.08	cps
Calcium	43-1	407708	412187	409400	409765	0.55	cps
Calcium	44-1	6630671	6691080	6692917	6671556	0.53	cps
Chromium	52-2	450401	453123	451043	451522	0.32	cps
Cobalt	59-2	730625	726913	731366	729635	0.33	cps
Copper	63-2	1056988	1065605	1067237	1063277	0.52	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	0	17	13	10	88.20	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	83	57	60	67	21.79	cps
Holmium	165-1	11067856	10845870	11053595	10989107	1.13	cps
Holmium	165-2	6264386	6299617	6286723	6283575	0.28	cps
Indium	115-1	9000377	8824044	8968512	8930978	1.05	cps
Indium	115-2	1888521	1904208	1909328	1900686	0.57	cps
Iron	56-2	18726247	18742637	18741371	18736752	0.05	cps
Iron	57-2	456468	458114	459911	458164	0.38	cps
Lead	206-1	1014687	1023522	1024518	1020909	0.53	cps
Lead	207-1	919955	929668	921458	923694	0.57	cps
Lead	208-1	4140591	4175814	4162528	4159644	0.43	cps
Lithium	6-1	1936569	1903127	1911095	1916931	0.91	cps
Magnesium	24-2	3460306	3449224	3437834	3449121	0.33	cps
Manganese	55-2	511997	510240	514313	512183	0.40	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:30:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2743348	2758380	2758178	2753302	0.31	cps
Molybdenum	95-1	3342361	3372893	3370841	3362031	0.51	cps
Molybdenum	96-1	3720738	3731515	3745735	3732663	0.34	cps
Molybdenum	97-1	2076117	2077288	2081280	2078228	0.13	cps
Molybdenum	98-1	5381125	5431470	5446246	5419614	0.63	cps
Neodymium	150-1	100	120	133	118	14.25	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	193019	192272	194141	193144	0.49	cps
Phosphorus	31-2	15400	15876	15609	15628	1.53	cps
Potassium	39-2	1696126	1704346	1703360	1701277	0.26	cps
Rhodium	103-1	8214660	8012720	8174587	8133989	1.31	cps
Rhodium	103-2	4171735	4198367	4196692	4188931	0.36	cps
Scandium	45-1	5846455	5585772	5748963	5727063	2.30	cps
Scandium	45-2	273828	278663	276508	276333	0.88	cps
Selenium	77-2	1090	1040	1037	1056	2.83	cps
Selenium	78-2	3693	3506	3680	3626	2.88	cps
Selenium	82-1	20505	20388	20795	20562	1.02	cps
Silicon	28-1	1218214	1229927	1234654	1227598	0.69	cps
Silver	109-1	1553269	1561822	1554908	1556666	0.29	cps
Silver	107-1	1634728	1633217	1642679	1636875	0.31	cps
Sodium	23-2	6528504	6489891	6491113	6503169	0.34	cps
Strontium	86-1	437923	439451	436674	438016	0.32	cps
Strontium	88-1	3868239	3875225	3865181	3869548	0.13	cps
Sulfur	34-1	485681	479634	478567	481294	0.80	cps
Terbium	159-1	11497965	11261705	11456059	11405243	1.11	cps
Terbium	159-2	6254917	6280065	6295004	6276662	0.32	cps
Thallium	203-1	1233801	1245816	1261673	1247097	1.12	cps
Thallium	205-1	2988273	3009115	3052768	3016719	1.09	cps
Tin	118-1	1093054	1117955	1104765	1105258	1.13	cps
Titanium	47-1	951759	959184	959403	956782	0.45	cps
Uranium	238-1	4311355	4384298	4394135	4363263	1.04	cps
Vanadium	51-2	367533	366221	371263	368339	0.71	cps
Yttrium	89-1	9512113	9302168	9406451	9406911	1.12	cps
Yttrium	89-2	1467309	1482174	1481385	1476956	0.57	cps
Zinc	66-2	139868	140337	141888	140698	0.75	cps
Zirconium	90-1	2293368	2296560	2313826	2301251	0.48	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:30:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508150	511917	514149	511405	0.59	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:33:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581715	592819	589496	588010	0.97	cps
Antimony	121-1	2693429	2730072	2763615	2729039	1.29	cps
Arsenic	75-2	96789	97261	98350	97467	0.82	cps
Barium	135-1	3305367	3349991	3354337	3336565	0.81	cps
Barium	137-1	5769700	5844921	5864699	5826440	0.86	cps
Beryllium	9-1	481749	475382	482548	479893	0.82	cps
Bismuth	209-1	6958636	6880901	6394606	6744714	4.53	cps
Bismuth	209-2	4559889	4545583	4502619	4536030	0.66	cps
Boron	10-1	56556	56933	58162	57217	1.47	cps
Boron	11-1	271278	274306	279847	275144	1.58	cps
Cadmium	111-1	642874	648114	648868	646619	0.50	cps
Cadmium	106-1	71405	69621	70359	70462	1.27	cps
Cadmium	108-1	47609	47902	47655	47722	0.33	cps
Calcium	43-1	824055	823849	817935	821946	0.42	cps
Calcium	44-1	13263852	13283300	13303126	13283426	0.15	cps
Chromium	52-2	890636	893693	892303	892211	0.17	cps
Cobalt	59-2	1432254	1450698	1444528	1442493	0.65	cps
Copper	63-2	2087928	2100901	2097032	2095287	0.32	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	30	33	37	33	10.01	cps
Erbium	164-1	75	0	50	42	91.65	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	92	125	50	89	42.28	cps
Gadolinium	160-2	93	60	73	76	22.21	cps
Holmium	165-1	10896329	10817110	10409422	10707620	2.44	cps
Holmium	165-2	6291989	6279135	6190976	6254033	0.88	cps
Indium	115-1	9018902	8865608	8513084	8799198	2.95	cps
Indium	115-2	1904456	1882868	1875504	1887609	0.80	cps
Iron	56-2	37146268	37177216	37104393	37142625	0.10	cps
Iron	57-2	906991	913173	916941	912368	0.55	cps
Lead	206-1	1982230	1994623	2004458	1993770	0.56	cps
Lead	207-1	1806919	1825081	1838106	1823369	0.86	cps
Lead	208-1	8148126	8226243	8270084	8214818	0.75	cps
Lithium	6-1	1938209	1906604	1839158	1894657	2.67	cps
Magnesium	24-2	6814603	6888266	6840124	6847664	0.55	cps
Manganese	55-2	1012158	1022478	1013782	1016140	0.55	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:33:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5553901	5567589	5625152	5582214	0.68	cps
Molybdenum	95-1	6748327	6716122	6835731	6766727	0.91	cps
Molybdenum	96-1	7427231	7449415	7527586	7468077	0.71	cps
Molybdenum	97-1	4182955	4206880	4239065	4209633	0.67	cps
Molybdenum	98-1	10754727	10737391	10826435	10772851	0.44	cps
Neodymium	150-1	200	240	187	209	13.29	cps
Neodymium	150-2	27	33	27	29	13.31	cps
Nickel	60-2	376232	383281	383415	380976	1.08	cps
Phosphorus	31-2	29664	30691	31117	30490	2.45	cps
Potassium	39-2	3356622	3388297	3368678	3371199	0.47	cps
Rhodium	103-1	8196941	8070528	7744914	8004128	2.91	cps
Rhodium	103-2	4181440	4175422	4127902	4161588	0.70	cps
Scandium	45-1	5858530	5782415	5433383	5691443	3.98	cps
Scandium	45-2	279349	279538	273305	277397	1.28	cps
Selenium	77-2	2127	2077	1967	2057	3.98	cps
Selenium	78-2	6883	6952	6857	6897	0.71	cps
Selenium	82-1	40887	40857	41277	41007	0.57	cps
Silicon	28-1	2097424	2102698	2141187	2113770	1.13	cps
Silver	109-1	3090615	3101548	3115111	3102425	0.40	cps
Silver	107-1	3253873	3278081	3276502	3269485	0.41	cps
Sodium	23-2	12880695	12963981	12918235	12920970	0.32	cps
Strontium	86-1	884715	875264	883964	881314	0.60	cps
Strontium	88-1	7631656	7659963	7709053	7666891	0.51	cps
Sulfur	34-1	586699	588072	590508	588426	0.33	cps
Terbium	159-1	11401469	11322300	10855577	11193115	2.64	cps
Terbium	159-2	6265957	6240920	6078031	6194969	1.65	cps
Thallium	203-1	2427870	2465794	2467079	2453581	0.91	cps
Thallium	205-1	5972929	5999248	6019685	5997288	0.39	cps
Tin	118-1	2194140	2220488	2229513	2214714	0.83	cps
Titanium	47-1	1932932	1916627	1948580	1932713	0.83	cps
Uranium	238-1	8471610	8507953	8517124	8498896	0.28	cps
Vanadium	51-2	731534	737170	738749	735818	0.52	cps
Yttrium	89-1	9543367	9401355	8987576	9310766	3.10	cps
Yttrium	89-2	1482030	1471858	1463725	1472537	0.62	cps
Zinc	66-2	275587	279014	277814	277471	0.63	cps
Zirconium	90-1	4643158	4648171	4717556	4669628	0.89	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:33:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1026761	1019743	1027262	1024589	0.41	cps

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 09:37:39 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1161827	1167378	1161150	1163452	0.29	cps
Antimony	121-1	5455500	5470515	5533416	5486477	0.75	cps
Arsenic	75-2	192870	194226	195350	194149	0.64	cps
Barium	135-1	6571853	6550124	6592641	6571539	0.32	cps
Barium	137-1	11350495	11314038	11391598	11352044	0.34	cps
Beryllium	9-1	937160	935720	936346	936409	0.08	cps
Bismuth	209-1	6625836	6752526	6574464	6650942	1.38	cps
Bismuth	209-2	4511509	4435933	4288694	4412045	2.57	cps
Boron	10-1	109392	112039	110964	110798	1.20	cps
Boron	11-1	539139	548810	557554	548501	1.68	cps
Cadmium	111-1	1263695	1265850	1276176	1268574	0.53	cps
Cadmium	106-1	137209	136703	135819	136577	0.52	cps
Cadmium	108-1	93120	93720	93053	93297	0.39	cps
Calcium	43-1	1634718	1634270	1631032	1633340	0.12	cps
Calcium	44-1	26535992	26503078	26501838	26513636	0.07	cps
Chromium	52-2	1771710	1778164	1776849	1775575	0.19	cps
Cobalt	59-2	2855213	2862930	2884177	2867440	0.52	cps
Copper	63-2	4132762	4147755	4143318	4141278	0.19	cps
Dysprosium	156-1	108	75	117	100	22.05	cps
Dysprosium	156-2	37	60	43	47	25.75	cps
Erbium	164-1	75	8	25	36	96.08	cps
Erbium	164-2	17	10	33	20	60.08	cps
Gadolinium	160-1	92	125	83	100	22.05	cps
Gadolinium	160-2	90	87	73	83	10.59	cps
Holmium	165-1	10714286	10795431	10630573	10713430	0.77	cps
Holmium	165-2	6261513	6202082	6042840	6168812	1.83	cps
Indium	115-1	8751982	8839685	8647258	8746308	1.10	cps
Indium	115-2	1885558	1863467	1807589	1852205	2.17	cps
Iron	56-2	73714996	73858471	73827143	73800204	0.10	cps
Iron	57-2	1796987	1814791	1819244	1810341	0.65	cps
Lead	206-1	3924607	3922856	3926352	3924605	0.04	cps
Lead	207-1	3606414	3604859	3577403	3596225	0.45	cps
Lead	208-1	16129600	16116839	16113161	16119867	0.05	cps
Lithium	6-1	1867853	1882755	1846704	1865771	0.97	cps
Magnesium	24-2	13568611	13559777	13506138	13544842	0.25	cps
Manganese	55-2	2020460	2035783	2030561	2028935	0.38	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:37:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10946866	10951244	10974230	10957447	0.13	cps
Molybdenum	95-1	13407908	13463585	13425908	13432467	0.21	cps
Molybdenum	96-1	14848378	14907316	14936974	14897556	0.30	cps
Molybdenum	97-1	8287949	8329838	8334405	8317397	0.31	cps
Molybdenum	98-1	21392491	21473156	21507927	21457858	0.28	cps
Neodymium	150-1	467	340	347	384	18.54	cps
Neodymium	150-2	47	50	37	44	15.61	cps
Nickel	60-2	743919	748172	757215	749769	0.91	cps
Phosphorus	31-2	60022	60474	60683	60393	0.56	cps
Potassium	39-2	6584232	6611943	6600738	6598971	0.21	cps
Rhodium	103-1	7913563	7947851	7845238	7902217	0.66	cps
Rhodium	103-2	4119722	4101008	3973857	4064862	1.95	cps
Scandium	45-1	5695161	5797024	5677135	5723107	1.13	cps
Scandium	45-2	285523	279480	268039	277681	3.20	cps
Selenium	77-2	4101	3997	4277	4125	3.43	cps
Selenium	78-2	13534	14001	13649	13728	1.77	cps
Selenium	82-1	80252	80922	80990	80721	0.51	cps
Silicon	28-1	3747492	3759715	3761687	3756298	0.20	cps
Silver	109-1	6151843	6160893	6161726	6158154	0.09	cps
Silver	107-1	6468332	6504866	6479511	6484237	0.29	cps
Sodium	23-2	25698952	25724885	25576868	25666902	0.31	cps
Strontium	86-1	1727180	1750170	1749953	1742434	0.76	cps
Strontium	88-1	15257071	15269326	15365307	15297235	0.39	cps
Sulfur	34-1	812433	812679	815516	813542	0.21	cps
Terbium	159-1	11164187	11211695	11085239	11153707	0.57	cps
Terbium	159-2	6255956	6199720	6040243	6165307	1.81	cps
Thallium	203-1	4807918	4825476	4867916	4833770	0.64	cps
Thallium	205-1	11466792	11444471	11451138	11454134	0.10	cps
Tin	118-1	4445288	4428451	4467954	4447231	0.45	cps
Titanium	47-1	3845645	3866791	3851312	3854583	0.28	cps
Uranium	238-1	16704498	16882721	16824126	16803782	0.54	cps
Vanadium	51-2	1470648	1476095	1475546	1474096	0.20	cps
Yttrium	89-1	9374887	9457085	9275290	9369087	0.97	cps
Yttrium	89-2	1485169	1470479	1424471	1460039	2.17	cps
Zinc	66-2	543877	543430	542687	543332	0.11	cps
Zirconium	90-1	9216392	9204959	9239424	9220259	0.19	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:37:39	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2039348	2033597	2039800	2037582	0.17	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:41:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2290013	2310854	2286410	2295759	0.57	cps
Antimony	121-1	10806065	10784146	10848166	10812792	0.30	cps
Arsenic	75-2	386675	388851	387501	387676	0.28	cps
Barium	135-1	13152703	13088479	13152076	13131086	0.28	cps
Barium	137-1	22674132	22621933	22705199	22667088	0.19	cps
Beryllium	9-1	1797804	1795082	1783481	1792122	0.42	cps
Bismuth	209-1	6539227	6581780	6338829	6486612	2.00	cps
Bismuth	209-2	4313688	4330200	4297384	4313757	0.38	cps
Boron	10-1	214855	217222	218294	216790	0.81	cps
Boron	11-1	1058803	1082423	1078246	1073157	1.17	cps
Cadmium	111-1	2480701	2481829	2492983	2485171	0.27	cps
Cadmium	106-1	263541	264595	265093	264410	0.30	cps
Cadmium	108-1	182676	181191	181030	181632	0.50	cps
Calcium	43-1	3281797	3262849	3281461	3275369	0.33	cps
Calcium	44-1	52839820	53074395	53059195	52991137	0.25	cps
Chromium	52-2	3541947	3554837	3561797	3552861	0.28	cps
Cobalt	59-2	5685743	5692493	5713449	5697228	0.25	cps
Copper	63-2	7984192	7970234	7982104	7978843	0.09	cps
Dysprosium	156-1	183	175	200	186	6.84	cps
Dysprosium	156-2	67	100	113	93	25.75	cps
Erbium	164-1	83	83	100	89	10.83	cps
Erbium	164-2	47	53	40	47	14.28	cps
Gadolinium	160-1	175	142	175	164	11.74	cps
Gadolinium	160-2	127	167	113	136	20.47	cps
Holmium	165-1	10797465	10964869	10573872	10778736	1.82	cps
Holmium	165-2	6171143	6183388	6127392	6160641	0.48	cps
Indium	115-1	8759035	8857111	8513766	8709971	2.03	cps
Indium	115-2	1823166	1820474	1808594	1817412	0.43	cps
Iron	56-2	146053998	146219581	146069987	146114522	0.06	cps
Iron	57-2	3604356	3591006	3610763	3602042	0.28	cps
Lead	206-1	7628373	7612657	7662145	7634392	0.33	cps
Lead	207-1	7013489	6993626	7034211	7013775	0.29	cps
Lead	208-1	31456381	31370327	31575047	31467252	0.33	cps
Lithium	6-1	1848272	1860517	1793143	1833977	1.96	cps
Magnesium	24-2	26679965	26580481	26475515	26578654	0.38	cps
Manganese	55-2	4048825	4064876	4077182	4063628	0.35	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:41:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21947581	21861168	22021352	21943367	0.37	cps
Molybdenum	95-1	27061487	26821909	26957626	26947007	0.45	cps
Molybdenum	96-1	29947067	29825652	29919200	29897306	0.21	cps
Molybdenum	97-1	16657919	16684921	16721870	16688236	0.19	cps
Molybdenum	98-1	43104732	42924218	43143161	43057370	0.27	cps
Neodymium	150-1	707	720	753	727	3.31	cps
Neodymium	150-2	83	103	140	109	26.39	cps
Nickel	60-2	1470346	1470894	1471354	1470865	0.03	cps
Phosphorus	31-2	118929	119098	120022	119350	0.49	cps
Potassium	39-2	13132289	13165171	13118219	13138560	0.18	cps
Rhodium	103-1	7958550	8005748	7771697	7911998	1.56	cps
Rhodium	103-2	4018681	4017698	4004609	4013663	0.20	cps
Scandium	45-1	5817652	5903728	5695382	5805587	1.80	cps
Scandium	45-2	280366	278738	276236	278447	0.75	cps
Selenium	77-2	7902	7982	8296	8060	2.58	cps
Selenium	78-2	26962	27140	26830	26978	0.58	cps
Selenium	82-1	157834	157175	157223	157411	0.23	cps
Silicon	28-1	6013289	6021865	6024108	6019754	0.09	cps
Silver	109-1	12061283	12040187	12041242	12047571	0.10	cps
Silver	107-1	12791010	12657888	12707028	12718642	0.53	cps
Sodium	23-2	50911772	50604539	50372005	50629439	0.53	cps
Strontium	86-1	3515162	3499687	3499896	3504915	0.25	cps
Strontium	88-1	30722136	30733790	30702241	30719389	0.05	cps
Sulfur	34-1	1277660	1270828	1274265	1274251	0.27	cps
Terbium	159-1	11322744	11475219	11110886	11302950	1.62	cps
Terbium	159-2	6145653	6182108	6138375	6155379	0.38	cps
Thallium	203-1	9374760	9494439	9518220	9462473	0.81	cps
Thallium	205-1	22468574	22457468	22726261	22550768	0.67	cps
Tin	118-1	8777567	8857775	8810274	8815205	0.46	cps
Titanium	47-1	7685149	7627857	7663512	7658839	0.38	cps
Uranium	238-1	33196880	33419055	33136053	33250663	0.45	cps
Vanadium	51-2	2949129	2960095	2954751	2954658	0.19	cps
Yttrium	89-1	9576924	9663256	9325720	9521967	1.84	cps
Yttrium	89-2	1471239	1472228	1466897	1470121	0.19	cps
Zinc	66-2	1057659	1058788	1070320	1062256	0.66	cps
Zirconium	90-1	18537391	18522625	18488935	18516317	0.13	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:41:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4119110	4100870	4107934	4109305	0.22	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11547375	11561572	11661372	11590106	0.54	cps
Antimony	121-1	29348	28329	28121	28599	2.30	cps
Arsenic	75-2	235	254	237	242	4.22	cps
Barium	135-1	4559	3776	3709	4015	11.78	cps
Barium	137-1	6735	7094	6552	6794	4.06	cps
Beryllium	9-1	506	589	550	548	7.61	cps
Bismuth	209-1	5619700	5516680	5471296	5535892	1.37	cps
Bismuth	209-2	3717854	3787189	3627390	3710811	2.16	cps
Boron	10-1	7844	7686	7227	7586	4.22	cps
Boron	11-1	40281	37464	33496	37080	9.19	cps
Cadmium	111-1	2159	2161	2084	2135	2.05	cps
Cadmium	106-1	2575	2625	2392	2531	4.86	cps
Cadmium	108-1	63	50	33	49	30.11	cps
Calcium	43-1	16422075	16459789	16496625	16459496	0.23	cps
Calcium	44-1	265994798	269159523	269549981	268234767	0.73	cps
Chromium	52-2	67276	67704	68153	67711	0.65	cps
Cobalt	59-2	7275	7555	7455	7429	1.91	cps
Copper	63-2	14117	13770	14030	13972	1.29	cps
Dysprosium	156-1	58	58	92	69	27.71	cps
Dysprosium	156-2	30	23	27	27	12.51	cps
Erbium	164-1	58	25	83	56	52.68	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	158	83	133	125	30.55	cps
Gadolinium	160-2	97	127	113	112	13.39	cps
Holmium	165-1	9949113	9821650	9866290	9879018	0.65	cps
Holmium	165-2	5680640	5701426	5519561	5633876	1.77	cps
Indium	115-1	8088405	8044988	7956062	8029818	0.84	cps
Indium	115-2	1718897	1724548	1682606	1708684	1.33	cps
Iron	56-2	718797238	715990883	718533927	717774016	0.22	cps
Iron	57-2	17622309	17683914	17728615	17678279	0.30	cps
Lead	206-1	15632	15776	15671	15693	0.48	cps
Lead	207-1	13313	13513	13385	13403	0.76	cps
Lead	208-1	62131	62515	62175	62274	0.34	cps
Lithium	6-1	1682063	1695460	1680819	1686114	0.48	cps
Magnesium	24-2	130424611	129932374	130664849	130340611	0.29	cps
Manganese	55-2	12606	13039	12929	12858	1.75	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18262	17403	16552	17406	4.91	cps
Molybdenum	95-1	27452	26918	25557	26642	3.67	cps
Molybdenum	96-1	35787	32621	32003	33471	6.06	cps
Molybdenum	97-1	16927	15784	15951	16221	3.81	cps
Molybdenum	98-1	42589	40492	39706	40929	3.64	cps
Neodymium	150-1	100	100	127	109	14.14	cps
Neodymium	150-2	53	43	37	44	18.87	cps
Nickel	60-2	18091	18305	18485	18294	1.08	cps
Phosphorus	31-2	250	250	317	272	14.14	cps
Potassium	39-2	66173608	66186122	66935520	66431750	0.66	cps
Rhodium	103-1	7051532	7092893	7051215	7065213	0.34	cps
Rhodium	103-2	3538067	3557353	3465899	3520439	1.37	cps
Scandium	45-1	5480384	5549479	5497474	5509112	0.65	cps
Scandium	45-2	265117	266903	258709	263576	1.63	cps
Selenium	77-2	7	0	20	9	114.55	cps
Selenium	78-2	93	117	98	102	12.30	cps
Selenium	82-1	133	157	125	139	12.17	cps
Silicon	28-1	837130	849322	854241	846898	1.04	cps
Silver	109-1	1133	1142	1100	1125	1.96	cps
Silver	107-1	1483	1283	1317	1361	7.87	cps
Sodium	23-2	249209006	248832381	247693764	248578383	0.32	cps
Strontium	86-1	113839	112874	112816	113177	0.51	cps
Strontium	88-1	989316	997904	1000309	995843	0.58	cps
Sulfur	34-1	325177	330498	329155	328277	0.84	cps
Terbium	159-1	10374890	10396052	10188550	10319831	1.11	cps
Terbium	159-2	5674913	5683430	5548997	5635780	1.34	cps
Thallium	203-1	5160	4751	4859	4923	4.30	cps
Thallium	205-1	11839	11597	10963	11467	3.94	cps
Tin	118-1	12372	12473	11989	12278	2.08	cps
Titanium	47-1	1917	2225	2359	2167	10.46	cps
Uranium	238-1	4126	4034	3634	3931	6.65	cps
Vanadium	51-2	717	897	807	807	11.16	cps
Yttrium	89-1	8875581	8902665	8875502	8884583	0.18	cps
Yttrium	89-2	1389329	1412078	1367114	1389507	1.62	cps
Zinc	66-2	3954	3821	4094	3956	3.46	cps
Zirconium	90-1	6410	6385	5943	6246	4.20	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:45:04	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1442	1542	1267	1417	9.83	cps

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 09:58:48 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60080	59972	60874	60309	0.82	cps
Antimony	121-1	2040998	2049347	2069401	2053249	0.71	cps
Arsenic	75-2	77466	78045	77782	77764	0.37	cps
Barium	135-1	253274	251699	257299	254091	1.14	cps
Barium	137-1	441195	436770	439205	439057	0.50	cps
Beryllium	9-1	176789	176643	176486	176639	0.09	cps
Bismuth	209-1	6577797	6575019	6506803	6553207	0.61	cps
Bismuth	209-2	4496641	4439363	4455900	4463968	0.66	cps
Boron	10-1	115842	113272	116487	115201	1.48	cps
Boron	11-1	564675	570665	568217	567852	0.53	cps
Cadmium	111-1	258855	260973	258371	259400	0.53	cps
Cadmium	106-1	46460	45984	46386	46277	0.55	cps
Cadmium	108-1	24730	23958	24497	24395	1.62	cps
Calcium	43-1	70485	71557	71640	71227	0.90	cps
Calcium	44-1	1139507	1135809	1128548	1134621	0.49	cps
Chromium	52-2	343400	348365	346483	346082	0.72	cps
Cobalt	59-2	574549	572454	580167	575723	0.69	cps
Copper	63-2	420256	418730	418305	419097	0.24	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	100	33	83	72	48.04	cps
Erbium	164-2	57	37	43	46	22.36	cps
Gadolinium	160-1	75	0	100	58	89.22	cps
Gadolinium	160-2	60	60	57	59	3.26	cps
Holmium	165-1	10448100	10403406	10356833	10402780	0.44	cps
Holmium	165-2	6116056	6048883	6048218	6071052	0.64	cps
Indium	115-1	8939918	8845674	8878918	8888170	0.54	cps
Indium	115-2	1919555	1889850	1891762	1900389	0.87	cps
Iron	56-2	2962504	2965352	2965271	2964376	0.05	cps
Iron	57-2	73249	73763	74154	73722	0.62	cps
Lead	206-1	1490786	1493180	1487739	1490568	0.18	cps
Lead	207-1	1308941	1325057	1318929	1317642	0.62	cps
Lead	208-1	6022094	6051185	6038859	6037379	0.24	cps
Lithium	6-1	1854316	1838324	1834330	1842323	0.57	cps
Magnesium	24-2	316374	318512	319730	318205	0.53	cps
Manganese	55-2	199452	201101	200354	200302	0.41	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:58:48	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4639154	4637072	4663033	4646420	0.31	cps
Molybdenum	95-1	2537841	2551540	2548803	2546062	0.28	cps
Molybdenum	96-1	3246441	3253634	3251209	3250428	0.11	cps
Molybdenum	97-1	1565200	1568736	1557392	1563776	0.37	cps
Molybdenum	98-1	4090806	4054166	4105978	4083650	0.65	cps
Neodymium	150-1	33	33	40	36	10.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	151051	153442	153861	152785	0.99	cps
Phosphorus	31-2	267	275	225	256	10.48	cps
Potassium	39-2	564042	565617	564408	564689	0.15	cps
Rhodium	103-1	8334156	8247118	8175880	8252385	0.96	cps
Rhodium	103-2	4244283	4210818	4210991	4222031	0.46	cps
Scandium	45-1	5900141	5880024	5799671	5859945	0.91	cps
Scandium	45-2	288662	282536	281327	284175	1.38	cps
Selenium	77-2	1607	1597	1660	1621	2.10	cps
Selenium	78-2	5547	5475	5525	5516	0.67	cps
Selenium	82-1	31986	32229	32406	32207	0.66	cps
Silicon	28-1	3579752	3598466	3605270	3594496	0.37	cps
Silver	109-1	1205446	1194651	1199480	1199859	0.45	cps
Silver	107-1	1277218	1266923	1274271	1272804	0.42	cps
Sodium	23-2	1016919	1024825	1022890	1021545	0.40	cps
Strontium	86-1	1658398	1648601	1658616	1655205	0.35	cps
Strontium	88-1	14660521	14516564	14632332	14603139	0.52	cps
Sulfur	34-1	350213	357424	352524	353387	1.04	cps
Terbium	159-1	11064296	10944552	10878042	10962297	0.86	cps
Terbium	159-2	6151264	6092192	6070773	6104743	0.68	cps
Thallium	203-1	1850070	1870958	1866511	1862513	0.59	cps
Thallium	205-1	4534708	4516079	4511598	4520795	0.27	cps
Tin	118-1	4195851	4184533	4237036	4205807	0.66	cps
Titanium	47-1	745307	747500	746024	746277	0.15	cps
Uranium	238-1	15862595	15698849	15883408	15814951	0.64	cps
Vanadium	51-2	286320	288898	290405	288541	0.72	cps
Yttrium	89-1	9566605	9537238	9432914	9512252	0.74	cps
Yttrium	89-2	1508756	1488479	1484777	1494004	0.86	cps
Zinc	66-2	111404	111115	111360	111293	0.14	cps
Zirconium	90-1	8771512	8776499	8756131	8768047	0.12	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 09:58:48	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1916962	1908495	1930903	1918787	0.59	cps

LB Number : LB93331 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-02-16 10:05:29 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	75	72	6.66	cps
Antimony	121-1	3792	3442	4001	3745	7.54	cps
Arsenic	75-2	19	20	22	20	9.08	cps
Barium	135-1	58	58	25	47	40.76	cps
Barium	137-1	117	67	67	83	34.64	cps
Beryllium	9-1	200	156	167	174	13.29	cps
Bismuth	209-1	6633376	6589979	6507223	6576859	0.97	cps
Bismuth	209-2	4521984	4525682	4531513	4526393	0.11	cps
Boron	10-1	1583	1650	1809	1681	6.88	cps
Boron	11-1	7611	7977	8161	7916	3.54	cps
Cadmium	111-1	1817	1687	1867	1791	5.18	cps
Cadmium	106-1	2567	2375	2634	2525	5.31	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	317	325	267	303	10.42	cps
Calcium	44-1	18888	18254	18304	18482	1.91	cps
Chromium	52-2	693	720	630	681	6.79	cps
Cobalt	59-2	120	150	137	136	11.09	cps
Copper	63-2	3247	3200	3284	3244	1.29	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	87	80	83	83	4.00	cps
Holmium	165-1	10630450	10628782	10532816	10597349	0.53	cps
Holmium	165-2	6152084	6174380	6166109	6164191	0.18	cps
Indium	115-1	9133775	9127305	9046960	9102680	0.53	cps
Indium	115-2	1958879	1963615	1969832	1964109	0.28	cps
Iron	56-2	5835	5490	5957	5761	4.20	cps
Iron	57-2	294	272	200	256	19.32	cps
Lead	206-1	950	983	1089	1007	7.20	cps
Lead	207-1	967	922	900	930	3.65	cps
Lead	208-1	4217	4262	4184	4221	0.92	cps
Lithium	6-1	1872676	1859003	1854575	1862085	0.51	cps
Magnesium	24-2	950	833	783	856	10.00	cps
Manganese	55-2	47	57	57	53	10.82	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:05:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1233	1017	1133	1128	9.62	cps
Molybdenum	95-1	1075	1000	1133	1070	6.25	cps
Molybdenum	96-1	1450	1183	1342	1325	10.12	cps
Molybdenum	97-1	733	658	575	656	12.08	cps
Molybdenum	98-1	1592	1717	1508	1606	6.53	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	60	80	66	19.25	cps
Phosphorus	31-2	183	175	258	206	22.33	cps
Potassium	39-2	40715	39821	40682	40406	1.25	cps
Rhodium	103-1	8468021	8361839	8362711	8397523	0.73	cps
Rhodium	103-2	4323125	4297527	4323161	4314604	0.34	cps
Scandium	45-1	5929937	5937518	5831156	5899537	1.01	cps
Scandium	45-2	287351	286556	290207	288038	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	131	91	100	107	19.88	cps
Selenium	82-1	-58	-84	-34	-59	-42.62	cps
Silicon	28-1	308441	307628	307900	307989	0.13	cps
Silver	109-1	142	100	167	136	24.74	cps
Silver	107-1	192	258	267	239	17.21	cps
Sodium	23-2	35526	34156	35359	35014	2.13	cps
Strontium	86-1	450	742	533	575	26.13	cps
Strontium	88-1	492	392	575	486	18.88	cps
Sulfur	34-1	355100	353044	356381	354842	0.47	cps
Terbium	159-1	11133935	11048729	11043930	11075531	0.46	cps
Terbium	159-2	6175491	6192829	6191439	6186586	0.16	cps
Thallium	203-1	283	450	283	339	28.39	cps
Thallium	205-1	892	883	717	831	11.89	cps
Tin	118-1	3075	3217	3067	3120	2.70	cps
Titanium	47-1	192	208	192	197	4.88	cps
Uranium	238-1	433	392	408	411	5.10	cps
Vanadium	51-2	13	3	20	12	68.66	cps
Yttrium	89-1	9620835	9581272	9603512	9601873	0.21	cps
Yttrium	89-2	1521101	1522021	1533583	1525568	0.46	cps
Zinc	66-2	270	250	320	280	12.88	cps
Zirconium	90-1	1525	1342	1442	1436	6.39	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:05:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	400	233	297	30.24	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:09:01	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10916188	11012395	10991785	10973456	0.46	cps
Antimony	121-1	16727	16919	15935	16527	3.16	cps
Arsenic	75-2	120	172	131	141	19.31	cps
Barium	135-1	3642	3867	3767	3759	3.00	cps
Barium	137-1	6744	7269	6493	6835	5.79	cps
Beryllium	9-1	689	694	611	665	7.01	cps
Bismuth	209-1	6175801	6240890	6380479	6265723	1.67	cps
Bismuth	209-2	4207222	4187585	4341878	4245562	1.98	cps
Boron	10-1	1675	1725	1675	1692	1.71	cps
Boron	11-1	8578	8528	8553	8553	0.29	cps
Cadmium	111-1	2702	2768	2621	2697	2.74	cps
Cadmium	106-1	2234	2559	2292	2361	7.34	cps
Cadmium	108-1	2004	2063	1888	1985	4.49	cps
Calcium	43-1	3297574	3300627	3335396	3311199	0.63	cps
Calcium	44-1	53621843	53633430	54056426	53770566	0.46	cps
Chromium	52-2	71482	71854	71824	71720	0.29	cps
Cobalt	59-2	6782	6935	6802	6839	1.22	cps
Copper	63-2	35944	35456	35847	35749	0.72	cps
Dysprosium	156-1	42	58	17	39	53.93	cps
Dysprosium	156-2	37	10	17	21	65.74	cps
Erbium	164-1	150	67	67	94	50.94	cps
Erbium	164-2	33	37	33	34	5.60	cps
Gadolinium	160-1	100	117	75	97	21.57	cps
Gadolinium	160-2	70	103	120	98	26.04	cps
Holmium	165-1	10418176	10646140	10794522	10619613	1.79	cps
Holmium	165-2	6100002	6095606	6287965	6161191	1.78	cps
Indium	115-1	8717657	8955930	9100422	8924670	2.17	cps
Indium	115-2	1891366	1895976	1956257	1914533	1.89	cps
Iron	56-2	295665140	296864351	296666996	296398829	0.22	cps
Iron	57-2	7328107	7308206	7319444	7318586	0.14	cps
Lead	206-1	39108	38885	38138	38710	1.31	cps
Lead	207-1	31104	31755	30318	31059	2.32	cps
Lead	208-1	150503	147467	145764	147911	1.62	cps
Lithium	6-1	1803039	1846038	1841916	1830331	1.30	cps
Magnesium	24-2	26588480	26815912	26764501	26722964	0.45	cps
Manganese	55-2	16036	16159	16152	16116	0.43	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:09:01	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5979666	5913854	5925356	5939625	0.59	cps
Molybdenum	95-1	10550865	10428878	10447550	10475764	0.63	cps
Molybdenum	96-1	11181743	11170826	11122878	11158482	0.28	cps
Molybdenum	97-1	6494055	6460194	6470005	6474751	0.27	cps
Molybdenum	98-1	16772607	16733791	16741654	16749351	0.12	cps
Neodymium	150-1	53	67	47	56	18.33	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	8192	8179	8479	8284	2.05	cps
Phosphorus	31-2	597950	601277	604689	601305	0.56	cps
Potassium	39-2	26648707	26744534	26764129	26719123	0.23	cps
Rhodium	103-1	7739577	7930454	7996203	7888745	1.69	cps
Rhodium	103-2	3999803	4003049	4111924	4038259	1.58	cps
Scandium	45-1	5756055	5874407	6001951	5877471	2.09	cps
Scandium	45-2	284142	279173	288981	284099	1.73	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	109	96	135	114	17.43	cps
Selenium	82-1	23	-81	-8	-22	-241.71	cps
Silicon	28-1	462079	465212	465740	464344	0.43	cps
Silver	109-1	883	1092	1133	1036	12.93	cps
Silver	107-1	1133	1367	1242	1247	9.36	cps
Sodium	23-2	50764598	50771195	50770217	50768670	0.01	cps
Strontium	86-1	117536	117621	118611	117923	0.51	cps
Strontium	88-1	1030222	1030222	1028247	1029563	0.11	cps
Sulfur	34-1	4272053	4238848	4238448	4249783	0.45	cps
Terbium	159-1	10945662	11114793	11304680	11121712	1.61	cps
Terbium	159-2	6100428	6125675	6279365	6168489	1.57	cps
Thallium	203-1	1467	1442	1308	1406	6.06	cps
Thallium	205-1	3217	3384	3034	3212	5.45	cps
Tin	118-1	3059	3059	3417	3178	6.51	cps
Titanium	47-1	3106912	3082647	3092473	3094010	0.39	cps
Uranium	238-1	808	800	783	797	1.60	cps
Vanadium	51-2	563	493	510	522	7.00	cps
Yttrium	89-1	9341904	9544472	9652692	9513023	1.66	cps
Yttrium	89-2	1491726	1484081	1528356	1501388	1.58	cps
Zinc	66-2	6465	6375	6505	6448	1.03	cps
Zirconium	90-1	7627	6552	5743	6641	14.23	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:09:01	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1550	1358	1317	1408	8.84	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10941493	10972737	11071652	10995294	0.62	cps
Antimony	121-1	227050	227312	227262	227208	0.06	cps
Arsenic	75-2	7728	7945	8017	7897	1.90	cps
Barium	135-1	57127	55494	55771	56131	1.56	cps
Barium	137-1	96829	98003	96022	96951	1.03	cps
Beryllium	9-1	37062	37196	37174	37144	0.19	cps
Bismuth	209-1	6260159	6305763	6268205	6278042	0.39	cps
Bismuth	209-2	4221923	4097459	4216386	4178589	1.68	cps
Boron	10-1	12172	12781	12547	12500	2.46	cps
Boron	11-1	62070	63208	63057	62778	0.98	cps
Cadmium	111-1	51729	52506	52263	52166	0.76	cps
Cadmium	106-1	8903	8811	9195	8970	2.23	cps
Cadmium	108-1	6010	6176	6047	6078	1.44	cps
Calcium	43-1	3340897	3353696	3341189	3345261	0.22	cps
Calcium	44-1	53996916	54270712	54181237	54149621	0.26	cps
Chromium	52-2	141827	143651	144510	143329	0.96	cps
Cobalt	59-2	122997	122580	124002	123193	0.59	cps
Copper	63-2	117567	118589	119694	118617	0.90	cps
Dysprosium	156-1	17	42	67	42	60.00	cps
Dysprosium	156-2	30	33	37	33	10.01	cps
Erbium	164-1	58	100	58	72	33.30	cps
Erbium	164-2	27	40	30	32	21.53	cps
Gadolinium	160-1	67	75	92	78	16.37	cps
Gadolinium	160-2	120	73	77	90	28.93	cps
Holmium	165-1	10611707	10715561	10692082	10673116	0.51	cps
Holmium	165-2	6137516	5968668	6145044	6083743	1.64	cps
Indium	115-1	8964572	9092185	9039989	9032249	0.71	cps
Indium	115-2	1916514	1874216	1928571	1906434	1.50	cps
Iron	56-2	297321673	299066384	298544751	298310936	0.30	cps
Iron	57-2	7283988	7369533	7412966	7355496	0.89	cps
Lead	206-1	190079	186653	187832	188188	0.93	cps
Lead	207-1	160602	158918	160085	159868	0.54	cps
Lead	208-1	736252	733091	735688	735010	0.23	cps
Lithium	6-1	1835597	1868698	1852540	1852278	0.89	cps
Magnesium	24-2	26766392	26907358	27002316	26892022	0.44	cps
Manganese	55-2	56602	56977	57659	57079	0.94	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6507783	6479052	6460918	6482584	0.36	cps
Molybdenum	95-1	10868069	10857298	10805701	10843689	0.31	cps
Molybdenum	96-1	11597377	11627746	11545796	11590306	0.36	cps
Molybdenum	97-1	6667134	6692601	6682570	6680768	0.19	cps
Molybdenum	98-1	17233400	17266789	17340587	17280259	0.32	cps
Neodymium	150-1	87	33	40	53	54.48	cps
Neodymium	150-2	33	33	17	28	34.63	cps
Nickel	60-2	38280	38397	38350	38342	0.15	cps
Phosphorus	31-2	602519	606240	606937	605232	0.39	cps
Potassium	39-2	26807991	26799746	26965079	26857605	0.35	cps
Rhodium	103-1	7977857	8006725	7981190	7988591	0.20	cps
Rhodium	103-2	4077705	3964308	4072959	4038324	1.59	cps
Scandium	45-1	5917791	5966199	5931254	5938415	0.42	cps
Scandium	45-2	284170	277470	286612	282750	1.67	cps
Selenium	77-2	183	200	117	167	26.46	cps
Selenium	78-2	646	572	656	625	7.31	cps
Selenium	82-1	3197	3294	3503	3332	4.69	cps
Silicon	28-1	823409	827011	828119	826180	0.30	cps
Silver	109-1	232488	228970	228476	229978	0.95	cps
Silver	107-1	245332	242620	243398	243783	0.57	cps
Sodium	23-2	50938711	51469256	51393002	51266990	0.56	cps
Strontium	86-1	297098	295099	297839	296679	0.48	cps
Strontium	88-1	2621097	2624880	2650165	2632047	0.60	cps
Sulfur	34-1	4227529	4311259	4257610	4265466	0.99	cps
Terbium	159-1	11109807	11260675	11213253	11194578	0.69	cps
Terbium	159-2	6146061	6011316	6129384	6095587	1.21	cps
Thallium	203-1	186779	186287	186000	186355	0.21	cps
Thallium	205-1	454715	447168	448888	450257	0.88	cps
Tin	118-1	453376	451613	451992	452327	0.21	cps
Titanium	47-1	3190040	3202380	3200188	3197536	0.21	cps
Uranium	238-1	1616922	1620936	1627004	1621620	0.31	cps
Vanadium	51-2	59262	60537	61210	60336	1.64	cps
Yttrium	89-1	9615785	9717874	9665618	9666426	0.53	cps
Yttrium	89-2	1500399	1468282	1506691	1491791	1.38	cps
Zinc	66-2	16930	17184	17314	17142	1.14	cps
Zirconium	90-1	945614	947577	944743	945978	0.15	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:12:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	209697	210427	209421	209849	0.25	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6103979	6064077	6105860	6091305	0.39	cps
Antimony	121-1	5350444	5359134	5349240	5352939	0.10	cps
Arsenic	75-2	197498	198256	197303	197685	0.25	cps
Barium	135-1	6524798	6507683	6490201	6507561	0.27	cps
Barium	137-1	11266605	11329236	11159122	11251654	0.76	cps
Beryllium	9-1	905642	908924	905650	906739	0.21	cps
Bismuth	209-1	6002941	5995026	6077331	6025099	0.75	cps
Bismuth	209-2	4110812	4020919	4057908	4063213	1.11	cps
Boron	10-1	108236	109193	112139	109856	1.85	cps
Boron	11-1	537765	545621	556553	546646	1.73	cps
Cadmium	111-1	1214112	1210711	1207893	1210905	0.26	cps
Cadmium	106-1	132809	131893	134660	133121	1.06	cps
Cadmium	108-1	89467	90662	89581	89903	0.73	cps
Calcium	43-1	8506932	8482457	8479955	8489781	0.18	cps
Calcium	44-1	137561820	137414711	137369245	137448592	0.07	cps
Chromium	52-2	1826329	1845548	1839860	1837246	0.54	cps
Cobalt	59-2	2824902	2853394	2860039	2846112	0.66	cps
Copper	63-2	3984936	4005956	3989167	3993353	0.28	cps
Dysprosium	156-1	58	92	167	106	52.57	cps
Dysprosium	156-2	80	50	70	67	22.91	cps
Erbium	164-1	58	42	92	64	39.85	cps
Erbium	164-2	17	40	33	30	40.05	cps
Gadolinium	160-1	108	67	100	92	24.05	cps
Gadolinium	160-2	97	130	90	106	20.30	cps
Holmium	165-1	10568798	10568095	10552029	10562974	0.09	cps
Holmium	165-2	6111923	5999419	6011545	6040962	1.02	cps
Indium	115-1	8683003	8657010	8732030	8690681	0.44	cps
Indium	115-2	1853356	1816710	1831313	1833793	1.01	cps
Iron	56-2	370238008	369141019	369489942	369622990	0.15	cps
Iron	57-2	9083465	9183068	9163356	9143296	0.58	cps
Lead	206-1	3557704	3600948	3581153	3579935	0.60	cps
Lead	207-1	3275435	3306545	3275966	3285982	0.54	cps
Lead	208-1	14778894	14854309	14709570	14780925	0.49	cps
Lithium	6-1	1838827	1830998	1861336	1843720	0.85	cps
Magnesium	24-2	68646779	68326847	69090477	68688034	0.56	cps
Manganese	55-2	2071274	2080919	2076617	2076270	0.23	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11243087	11250420	11221448	11238318	0.13	cps
Molybdenum	95-1	13799532	13805346	13799929	13801602	0.02	cps
Molybdenum	96-1	15278707	15288053	15199144	15255301	0.32	cps
Molybdenum	97-1	8534477	8533520	8444230	8504076	0.61	cps
Molybdenum	98-1	22094769	22043117	21764581	21967489	0.81	cps
Neodymium	150-1	393	420	447	420	6.35	cps
Neodymium	150-2	47	117	77	80	43.90	cps
Nickel	60-2	736018	740204	742324	739515	0.43	cps
Phosphorus	31-2	62967	63302	62406	62892	0.72	cps
Potassium	39-2	34852579	34902018	34762275	34838957	0.20	cps
Rhodium	103-1	7838992	7817792	7871847	7842877	0.35	cps
Rhodium	103-2	3927424	3869996	3907861	3901760	0.75	cps
Scandium	45-1	5989956	6009581	6070936	6023491	0.70	cps
Scandium	45-2	292994	285976	286384	288451	1.37	cps
Selenium	77-2	4097	4114	3874	4028	3.33	cps
Selenium	78-2	13262	13834	13532	13543	2.12	cps
Selenium	82-1	79235	78350	78695	78760	0.57	cps
Silicon	28-1	3893125	3916560	3904746	3904810	0.30	cps
Silver	109-1	5854256	5904861	5797666	5852261	0.92	cps
Silver	107-1	6200421	6169593	6143094	6171036	0.46	cps
Sodium	23-2	131027561	131103515	130433078	130854718	0.28	cps
Strontium	86-1	1830190	1825861	1830881	1828977	0.15	cps
Strontium	88-1	16193492	16169274	16093483	16152083	0.32	cps
Sulfur	34-1	847445	856634	847788	850622	0.61	cps
Terbium	159-1	11062742	11015589	11103646	11060659	0.40	cps
Terbium	159-2	6082367	6028921	6045949	6052412	0.45	cps
Thallium	203-1	4443918	4467733	4409528	4440393	0.66	cps
Thallium	205-1	10575771	10679902	10674055	10643243	0.55	cps
Tin	118-1	4384835	4377726	4350735	4371099	0.41	cps
Titanium	47-1	4016363	4005264	4016979	4012868	0.16	cps
Uranium	238-1	15816554	15807034	15855653	15826414	0.16	cps
Vanadium	51-2	1533776	1535887	1537425	1535696	0.12	cps
Yttrium	89-1	9675088	9730345	9737735	9714389	0.35	cps
Yttrium	89-2	1511007	1488140	1495987	1498378	0.78	cps
Zinc	66-2	520617	528345	522974	523979	0.76	cps
Zirconium	90-1	9541282	9596131	9519476	9552296	0.41	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:21:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2082228	2099970	2077993	2086730	0.56	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	292	192	244	20.55	cps
Antimony	121-1	5977	6418	6560	6318	4.82	cps
Arsenic	75-2	22	43	52	39	38.98	cps
Barium	135-1	175	250	150	192	27.15	cps
Barium	137-1	275	250	450	325	33.53	cps
Beryllium	9-1	300	267	222	263	14.84	cps
Bismuth	209-1	6583461	6471057	6487253	6513924	0.93	cps
Bismuth	209-2	4316042	4546106	4378904	4413684	2.69	cps
Boron	10-1	2409	2034	2200	2214	8.49	cps
Boron	11-1	10804	10654	10212	10557	2.92	cps
Cadmium	111-1	1724	1712	1914	1784	6.36	cps
Cadmium	106-1	2409	2367	2650	2475	6.18	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	433	400	458	431	6.80	cps
Calcium	44-1	20557	20323	19973	20284	1.45	cps
Chromium	52-2	747	620	647	671	9.95	cps
Cobalt	59-2	253	227	240	240	5.56	cps
Copper	63-2	3110	3007	2950	3023	2.68	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	33	58	58	50	28.88	cps
Gadolinium	160-2	73	80	83	79	6.46	cps
Holmium	165-1	10504066	10413781	10565421	10494423	0.73	cps
Holmium	165-2	5879017	6152002	5983144	6004721	2.29	cps
Indium	115-1	9140985	9162146	9129029	9144053	0.18	cps
Indium	115-2	1894570	1976795	1928791	1933385	2.14	cps
Iron	56-2	20459	20281	19297	20012	3.13	cps
Iron	57-2	600	644	644	630	4.08	cps
Lead	206-1	2067	2000	1861	1976	5.31	cps
Lead	207-1	1611	1722	1667	1667	3.33	cps
Lead	208-1	7873	8035	7295	7734	5.02	cps
Lithium	6-1	1919301	1901694	1920345	1913780	0.55	cps
Magnesium	24-2	2284	2717	2209	2403	11.42	cps
Manganese	55-2	103	107	107	106	1.82	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2367	2375	2309	2350	1.55	cps
Molybdenum	95-1	3167	2700	2734	2867	9.08	cps
Molybdenum	96-1	3267	3109	3551	3309	6.76	cps
Molybdenum	97-1	1734	1734	1850	1772	3.80	cps
Molybdenum	98-1	4868	4459	4418	4581	5.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	100	40	72	41.88	cps
Phosphorus	31-2	300	283	225	269	14.62	cps
Potassium	39-2	44418	44367	45020	44602	0.81	cps
Rhodium	103-1	8456313	8395729	8394360	8415467	0.42	cps
Rhodium	103-2	4164074	4356153	4263693	4261307	2.25	cps
Scandium	45-1	6005617	5977579	5975521	5986239	0.28	cps
Scandium	45-2	280644	298519	285856	288340	3.19	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	107	74	89	90	18.53	cps
Selenium	82-1	21	-26	60	18	233.97	cps
Silicon	28-1	305578	304672	304008	304753	0.26	cps
Silver	109-1	400	517	383	433	16.77	cps
Silver	107-1	442	533	492	489	9.39	cps
Sodium	23-2	54583	54784	53630	54333	1.13	cps
Strontium	86-1	608	475	592	558	13.01	cps
Strontium	88-1	625	508	458	531	16.12	cps
Sulfur	34-1	372567	371259	375529	373118	0.59	cps
Terbium	159-1	11064058	11053529	10982322	11033303	0.40	cps
Terbium	159-2	5927504	6174398	6031423	6044442	2.05	cps
Thallium	203-1	1200	1267	1283	1250	3.53	cps
Thallium	205-1	2984	3151	3176	3103	3.36	cps
Tin	118-1	2275	2392	2300	2323	2.64	cps
Titanium	47-1	433	258	267	319	30.90	cps
Uranium	238-1	725	667	767	720	6.98	cps
Vanadium	51-2	57	50	47	51	9.96	cps
Yttrium	89-1	9720388	9643485	9612825	9658899	0.57	cps
Yttrium	89-2	1481490	1544818	1506310	1510873	2.11	cps
Zinc	66-2	213	260	177	217	19.28	cps
Zirconium	90-1	2134	1942	2059	2045	4.73	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:28:58	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	442	417	444	6.59	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259	2167	2542	2322	8.42	cps
Antimony	121-1	23495	23370	22727	23198	1.78	cps
Arsenic	75-2	415	452	404	423	5.95	cps
Barium	135-1	23771	24689	24389	24283	1.93	cps
Barium	137-1	43252	41889	41814	42318	1.91	cps
Beryllium	9-1	1767	1822	1900	1830	3.66	cps
Bismuth	209-1	6552591	6506064	6433904	6497520	0.92	cps
Bismuth	209-2	4394274	4498083	4334734	4409030	1.87	cps
Boron	10-1	6068	6893	6335	6432	6.55	cps
Boron	11-1	29922	31342	31609	30958	2.93	cps
Cadmium	111-1	3965	4319	4296	4193	4.72	cps
Cadmium	106-1	2559	2967	2634	2720	7.99	cps
Cadmium	108-1	246	208	188	214	13.82	cps
Calcium	43-1	16360	16176	16076	16204	0.89	cps
Calcium	44-1	270235	268761	267614	268870	0.49	cps
Chromium	52-2	8022	7976	8099	8032	0.78	cps
Cobalt	59-2	5961	5841	5888	5897	1.03	cps
Copper	63-2	10824	11204	10998	11009	1.73	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	75	67	67	69	6.93	cps
Gadolinium	160-2	60	60	83	68	19.88	cps
Holmium	165-1	10541048	10499881	10461055	10500662	0.38	cps
Holmium	165-2	5999007	6133014	5940042	6024021	1.64	cps
Indium	115-1	9192276	9127853	9033156	9117762	0.88	cps
Indium	115-2	1919691	1973496	1894885	1929357	2.08	cps
Iron	56-2	155964	156835	158114	156971	0.69	cps
Iron	57-2	3817	4001	4240	4019	5.27	cps
Lead	206-1	8670	8792	8864	8775	1.12	cps
Lead	207-1	7741	7552	7769	7688	1.53	cps
Lead	208-1	34646	35392	34679	34906	1.21	cps
Lithium	6-1	1907859	1900482	1895539	1901293	0.33	cps
Magnesium	24-2	132658	132171	132171	132333	0.21	cps
Manganese	55-2	2167	2004	2064	2078	3.98	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22493	22368	22694	22518	0.73	cps
Molybdenum	95-1	26525	25649	25925	26033	1.72	cps
Molybdenum	96-1	29131	29122	29648	29300	1.03	cps
Molybdenum	97-1	15901	16452	16468	16274	1.98	cps
Molybdenum	98-1	41487	40901	42205	41531	1.57	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1690	1673	1797	1720	3.89	cps
Phosphorus	31-2	200	300	308	269	22.37	cps
Potassium	39-2	171774	172145	172921	172280	0.34	cps
Rhodium	103-1	8435571	8469578	8381135	8428761	0.53	cps
Rhodium	103-2	4230669	4338551	4205593	4258271	1.66	cps
Scandium	45-1	6022003	5990444	5976119	5996189	0.39	cps
Scandium	45-2	287661	291837	284839	288112	1.22	cps
Selenium	77-2	57	43	47	49	14.20	cps
Selenium	78-2	226	235	217	226	4.10	cps
Selenium	82-1	713	762	815	763	6.69	cps
Silicon	28-1	402251	405712	404441	404135	0.43	cps
Silver	109-1	12364	12589	12648	12534	1.20	cps
Silver	107-1	12514	12773	12740	12676	1.11	cps
Sodium	23-2	292174	289346	297170	292897	1.35	cps
Strontium	86-1	4117	3859	3792	3923	4.38	cps
Strontium	88-1	30433	31210	29306	30316	3.16	cps
Sulfur	34-1	364915	363909	358162	362329	1.01	cps
Terbium	159-1	11061456	11020051	11040888	11040798	0.19	cps
Terbium	159-2	6040806	6171741	5973121	6061890	1.67	cps
Thallium	203-1	9762	9604	9579	9648	1.03	cps
Thallium	205-1	23063	23413	23663	23380	1.29	cps
Tin	118-1	42674	42098	42908	42560	0.98	cps
Titanium	47-1	7727	6902	7411	7347	5.67	cps
Uranium	238-1	29417	29476	29418	29437	0.11	cps
Vanadium	51-2	14437	14184	14344	14322	0.90	cps
Yttrium	89-1	9747229	9639250	9650992	9679157	0.61	cps
Yttrium	89-2	1499817	1525977	1480220	1502005	1.53	cps
Zinc	66-2	1417	1450	1187	1351	10.61	cps
Zirconium	90-1	21041	20190	21534	20922	3.25	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:32:30	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4818	4743	4368	4643	5.19	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	108	108	7.69	cps
Antimony	121-1	2167	2142	2125	2145	0.98	cps
Arsenic	75-2	24	17	22	21	18.35	cps
Barium	135-1	33	50	33	39	24.74	cps
Barium	137-1	117	83	100	100	16.66	cps
Beryllium	9-1	150	250	244	215	26.16	cps
Bismuth	209-1	6622437	6574419	6546453	6581103	0.58	cps
Bismuth	209-2	4415632	4453170	4477249	4448684	0.70	cps
Boron	10-1	1250	1659	1350	1420	15.00	cps
Boron	11-1	7060	7460	6552	7024	6.48	cps
Cadmium	111-1	2079	1764	1806	1883	9.09	cps
Cadmium	106-1	2934	2492	2542	2656	9.11	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	383	358	258	333	19.84	cps
Calcium	44-1	17236	17044	17478	17252	1.26	cps
Chromium	52-2	650	590	670	637	6.54	cps
Cobalt	59-2	127	130	150	136	9.31	cps
Copper	63-2	2824	3144	2927	2965	5.51	cps
Dysprosium	156-1	8	0	50	19	137.78	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	92	33	25	50	72.65	cps
Gadolinium	160-2	73	60	63	66	10.59	cps
Holmium	165-1	10575927	10554376	10567492	10565932	0.10	cps
Holmium	165-2	6000252	6100671	6111797	6070907	1.01	cps
Indium	115-1	9222535	9209216	9210721	9214157	0.08	cps
Indium	115-2	1940708	1953866	1959745	1951439	0.50	cps
Iron	56-2	7825	7691	7586	7700	1.56	cps
Iron	57-2	267	261	367	298	19.92	cps
Lead	206-1	1433	1233	1300	1322	7.70	cps
Lead	207-1	1161	1106	1295	1187	8.18	cps
Lead	208-1	5284	5228	5195	5236	0.86	cps
Lithium	6-1	1925183	1917640	1923865	1922229	0.21	cps
Magnesium	24-2	1158	983	992	1045	9.45	cps
Manganese	55-2	67	37	70	58	31.77	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	917	958	1061	20.27	cps
Molybdenum	95-1	1125	958	1200	1095	11.30	cps
Molybdenum	96-1	1158	1033	1258	1150	9.80	cps
Molybdenum	97-1	617	650	650	639	3.01	cps
Molybdenum	98-1	1667	1917	1750	1778	7.16	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	50	43	47	7.15	cps
Phosphorus	31-2	225	275	292	264	13.15	cps
Potassium	39-2	42328	41367	43414	42370	2.42	cps
Rhodium	103-1	8472563	8469887	8499067	8480506	0.19	cps
Rhodium	103-2	4251731	4286586	4319102	4285807	0.79	cps
Scandium	45-1	6008547	5990291	6067004	6021947	0.67	cps
Scandium	45-2	286101	290795	290510	289135	0.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	143	106	117	18.70	cps
Selenium	82-1	-46	-14	-26	-29	-56.44	cps
Silicon	28-1	313041	310098	307944	310361	0.82	cps
Silver	109-1	183	208	183	192	7.53	cps
Silver	107-1	233	200	267	233	14.29	cps
Sodium	23-2	41751	42094	41985	41943	0.42	cps
Strontium	86-1	500	458	550	503	9.13	cps
Strontium	88-1	208	117	208	178	29.77	cps
Sulfur	34-1	367595	369448	362697	366580	0.95	cps
Terbium	159-1	11131436	11141298	11141009	11137914	0.05	cps
Terbium	159-2	6044736	6094668	6150063	6096489	0.86	cps
Thallium	203-1	883	925	792	867	7.87	cps
Thallium	205-1	2025	2259	1750	2011	12.65	cps
Tin	118-1	1400	1984	1867	1750	17.64	cps
Titanium	47-1	208	325	183	239	31.65	cps
Uranium	238-1	208	225	175	203	12.55	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	9720275	9686775	9749630	9718894	0.32	cps
Yttrium	89-2	1500747	1516428	1526909	1514695	0.87	cps
Zinc	66-2	133	143	153	143	6.98	cps
Zirconium	90-1	1342	1383	1125	1283	10.81	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:36:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	267	317	272	15.41	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4768	4568	4893	4743	3.46	cps
Antimony	121-1	42741	42365	43385	42830	1.20	cps
Arsenic	75-2	772	848	870	830	6.20	cps
Barium	135-1	50568	49983	50083	50211	0.62	cps
Barium	137-1	85522	85916	85311	85583	0.36	cps
Beryllium	9-1	4056	3734	3878	3889	4.15	cps
Bismuth	209-1	6597377	6567230	6553816	6572808	0.34	cps
Bismuth	209-2	4450243	4512692	4468616	4477184	0.72	cps
Boron	10-1	11313	11021	11655	11330	2.80	cps
Boron	11-1	53688	55068	56607	55121	2.65	cps
Cadmium	111-1	6975	6983	6770	6909	1.75	cps
Cadmium	106-1	3192	3167	2934	3098	4.60	cps
Cadmium	108-1	342	383	342	356	6.77	cps
Calcium	43-1	32119	32954	32846	32640	1.39	cps
Calcium	44-1	530172	534069	531137	531792	0.38	cps
Chromium	52-2	15699	16052	15642	15798	1.41	cps
Cobalt	59-2	11755	12175	11745	11892	2.07	cps
Copper	63-2	19383	20067	20301	19917	2.40	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	47	20	50	39	42.28	cps
Gadolinium	160-1	33	50	17	33	49.99	cps
Gadolinium	160-2	87	63	60	70	20.76	cps
Holmium	165-1	10661274	10640138	10663340	10654917	0.12	cps
Holmium	165-2	6078342	6156924	6106518	6113928	0.65	cps
Indium	115-1	9161418	9174827	9210478	9182241	0.28	cps
Indium	115-2	1947650	1960812	1957308	1955257	0.35	cps
Iron	56-2	1334427	1336400	1332989	1334605	0.13	cps
Iron	57-2	33171	33394	33361	33309	0.36	cps
Lead	206-1	16221	15170	15426	15606	3.51	cps
Lead	207-1	14503	14553	14353	14469	0.72	cps
Lead	208-1	64256	64625	64825	64569	0.45	cps
Lithium	6-1	1916420	1926578	1913662	1918887	0.35	cps
Magnesium	24-2	267311	268346	265762	267139	0.49	cps
Manganese	55-2	4457	4347	4207	4337	2.89	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	43576	43709	44320	43868	0.90	cps
Molybdenum	95-1	52732	51443	51075	51750	1.68	cps
Molybdenum	96-1	57684	57416	57835	57645	0.37	cps
Molybdenum	97-1	32671	32321	32630	32541	0.59	cps
Molybdenum	98-1	83721	81985	81425	82377	1.45	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3347	3354	3467	3389	1.99	cps
Phosphorus	31-2	342	292	333	322	8.31	cps
Potassium	39-2	307714	306343	302434	305497	0.90	cps
Rhodium	103-1	8520910	8451119	8483196	8485075	0.41	cps
Rhodium	103-2	4303490	4307653	4305172	4305438	0.05	cps
Scandium	45-1	5991429	5998005	6016774	6002069	0.22	cps
Scandium	45-2	289143	292520	287038	289567	0.96	cps
Selenium	77-2	77	87	60	74	18.10	cps
Selenium	78-2	393	359	400	384	5.65	cps
Selenium	82-1	1677	1651	1646	1658	0.97	cps
Silicon	28-1	502005	506220	505976	504734	0.47	cps
Silver	109-1	24397	25415	24088	24633	2.82	cps
Silver	107-1	26234	25632	25874	25913	1.17	cps
Sodium	23-2	544760	545436	538583	542926	0.70	cps
Strontium	86-1	7019	7661	7319	7333	4.38	cps
Strontium	88-1	59517	60712	58906	59711	1.54	cps
Sulfur	34-1	367204	366760	368867	367610	0.30	cps
Terbium	159-1	11157812	11132239	11114835	11134962	0.19	cps
Terbium	159-2	6126336	6133886	6145740	6135320	0.16	cps
Thallium	203-1	18914	18630	19498	19014	2.33	cps
Thallium	205-1	44986	45479	44367	44944	1.24	cps
Tin	118-1	85133	85108	86138	85460	0.69	cps
Titanium	47-1	14399	15667	15592	15219	4.67	cps
Uranium	238-1	61403	59855	58925	60061	2.08	cps
Vanadium	51-2	29202	28908	29169	29093	0.55	cps
Yttrium	89-1	9734939	9753403	9742845	9743729	0.10	cps
Yttrium	89-2	1517033	1526287	1516429	1519917	0.36	cps
Zinc	66-2	2594	2490	2527	2537	2.07	cps
Zirconium	90-1	39146	39196	38444	38929	1.08	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	PB106619BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:39:34	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8019	8586	8286	8297	3.42	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5101	5076	4584	4920	5.92	cps
Antimony	121-1	6452	6468	5977	6299	4.43	cps
Arsenic	75-2	83	104	100	96	11.35	cps
Barium	135-1	423095	421720	421653	422156	0.19	cps
Barium	137-1	734858	725503	727411	729257	0.68	cps
Beryllium	9-1	739	728	822	763	6.77	cps
Bismuth	209-1	7225779	7245343	7249817	7240313	0.18	cps
Bismuth	209-2	4746384	4847693	4823682	4805920	1.10	cps
Boron	10-1	7902	7761	8203	7955	2.84	cps
Boron	11-1	40272	39611	39820	39901	0.85	cps
Cadmium	111-1	2314	2353	2339	2335	0.85	cps
Cadmium	106-1	2692	2700	2809	2734	2.38	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Calcium	43-1	468892	468122	465308	467440	0.40	cps
Calcium	44-1	7724331	7729213	7702270	7718605	0.19	cps
Chromium	52-2	1307	1327	1407	1347	3.93	cps
Cobalt	59-2	31444	31297	31107	31282	0.54	cps
Copper	63-2	14401	14764	14601	14589	1.25	cps
Dysprosium	156-1	5701	6035	5793	5843	2.95	cps
Dysprosium	156-2	3454	3100	3461	3338	6.17	cps
Erbium	164-1	4959	5451	5376	5262	5.04	cps
Erbium	164-2	2860	3057	2857	2925	3.92	cps
Gadolinium	160-1	5835	6160	6368	6121	4.39	cps
Gadolinium	160-2	3967	3971	3877	3938	1.35	cps
Holmium	165-1	11610980	11565216	11510989	11562395	0.43	cps
Holmium	165-2	6497023	6623036	6501494	6540518	1.09	cps
Indium	115-1	10550647	10510546	10546567	10535920	0.21	cps
Indium	115-2	2192623	2234433	2215430	2214162	0.95	cps
Iron	56-2	191735	193435	192862	192677	0.45	cps
Iron	57-2	5885	5557	5912	5785	3.42	cps
Lead	206-1	6546	6129	6046	6241	4.29	cps
Lead	207-1	5835	5646	5257	5579	5.28	cps
Lead	208-1	26506	24659	24087	25084	5.04	cps
Lithium	6-1	2201821	2186103	2192793	2193572	0.36	cps
Magnesium	24-2	927703	922641	934287	928210	0.63	cps
Manganese	55-2	184956	183173	184942	184357	0.56	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	800	1133	1042	992	17.36	cps
Molybdenum	95-1	1008	1008	1083	1033	4.19	cps
Molybdenum	96-1	1200	1142	1267	1203	5.20	cps
Molybdenum	97-1	658	842	667	722	14.33	cps
Molybdenum	98-1	1717	1600	1383	1567	10.80	cps
Neodymium	150-1	7055	7042	6962	7020	0.72	cps
Neodymium	150-2	3110	2907	2984	3000	3.42	cps
Nickel	60-2	5164	5338	5351	5284	1.97	cps
Phosphorus	31-2	183	208	258	217	17.63	cps
Potassium	39-2	1191326	1190158	1190551	1190679	0.05	cps
Rhodium	103-1	9149255	9108279	9066342	9107959	0.46	cps
Rhodium	103-2	4567345	4653187	4596643	4605725	0.95	cps
Scandium	45-1	6578447	6512122	6514350	6534973	0.58	cps
Scandium	45-2	312919	316046	314920	314628	0.50	cps
Selenium	77-2	10	27	30	22	48.22	cps
Selenium	78-2	119	98	128	115	13.20	cps
Selenium	82-1	124	82	-18	63	115.92	cps
Silicon	28-1	27612057	27392689	27328145	27444297	0.54	cps
Silver	109-1	3801	3334	3317	3484	7.88	cps
Silver	107-1	3609	3859	3776	3748	3.40	cps
Sodium	23-2	9132777	9074892	9166155	9124608	0.51	cps
Strontium	86-1	346742	341510	341302	343185	0.90	cps
Strontium	88-1	3030361	3016527	2995249	3014046	0.59	cps
Sulfur	34-1	599545	593067	590241	594284	0.80	cps
Terbium	159-1	12175708	12027886	12140591	12114729	0.64	cps
Terbium	159-2	6591525	6653183	6596262	6613657	0.52	cps
Thallium	203-1	3492	2742	2217	2817	22.75	cps
Thallium	205-1	7969	6243	4676	6296	26.16	cps
Tin	118-1	4017	3609	3692	3773	5.72	cps
Titanium	47-1	758	925	658	781	17.26	cps
Uranium	238-1	1067	758	750	858	21.03	cps
Vanadium	51-2	820	817	927	854	7.32	cps
Yttrium	89-1	10730662	10658592	10615101	10668118	0.55	cps
Yttrium	89-2	1636393	1653598	1653072	1647688	0.59	cps
Zinc	66-2	31377	30956	31153	31162	0.68	cps
Zirconium	90-1	1175	1175	1417	1256	11.11	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:43:06	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	283	242	258	8.54	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4768	4751	5076	4865	3.76	cps
Antimony	121-1	5101	4951	5385	5146	4.28	cps
Arsenic	75-2	131	89	104	108	20.01	cps
Barium	135-1	419217	419633	423907	420919	0.62	cps
Barium	137-1	737513	719007	722385	726302	1.36	cps
Beryllium	9-1	761	856	756	791	7.11	cps
Bismuth	209-1	7316923	7348024	7176848	7280598	1.25	cps
Bismuth	209-2	4632969	4715582	4370013	4572855	3.95	cps
Boron	10-1	7519	7244	7777	7513	3.55	cps
Boron	11-1	38600	38375	39703	38893	1.83	cps
Cadmium	111-1	2555	2344	2220	2373	7.14	cps
Cadmium	106-1	2984	2792	2650	2809	5.96	cps
Cadmium	108-1	42	63	50	51	20.40	cps
Calcium	43-1	473568	460614	462816	465666	1.49	cps
Calcium	44-1	7732045	7640780	7672514	7681780	0.60	cps
Chromium	52-2	1323	1387	1200	1303	7.28	cps
Cobalt	59-2	30382	31127	31791	31100	2.27	cps
Copper	63-2	15175	15141	15118	15145	0.19	cps
Dysprosium	156-1	5526	5735	5693	5651	1.95	cps
Dysprosium	156-2	3187	3337	3134	3219	3.28	cps
Erbium	164-1	5793	5210	5601	5535	5.37	cps
Erbium	164-2	2807	2684	2787	2759	2.40	cps
Gadolinium	160-1	6368	6427	6543	6446	1.38	cps
Gadolinium	160-2	3817	3784	3911	3837	1.71	cps
Holmium	165-1	11753432	12005802	11373568	11710934	2.72	cps
Holmium	165-2	6299532	6440696	5883514	6207914	4.67	cps
Indium	115-1	10562945	10692521	10453350	10569605	1.13	cps
Indium	115-2	2113635	2169721	1999400	2094252	4.14	cps
Iron	56-2	194139	194273	195714	194709	0.45	cps
Iron	57-2	5879	5940	5840	5887	0.86	cps
Lead	206-1	5285	5218	4829	5110	4.82	cps
Lead	207-1	4740	4629	4373	4581	4.11	cps
Lead	208-1	21513	21196	19968	20892	3.91	cps
Lithium	6-1	2249800	2285524	2228111	2254478	1.29	cps
Magnesium	24-2	920883	925244	927146	924424	0.35	cps
Manganese	55-2	182310	182973	185236	183506	0.84	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	825	950	867	8.33	cps
Molybdenum	95-1	917	958	908	928	2.89	cps
Molybdenum	96-1	908	992	1175	1025	13.31	cps
Molybdenum	97-1	683	842	700	742	11.73	cps
Molybdenum	98-1	1700	1542	1767	1670	6.92	cps
Neodymium	150-1	6842	7155	7035	7011	2.26	cps
Neodymium	150-2	3120	2844	2880	2948	5.10	cps
Nickel	60-2	5368	5094	5281	5248	2.66	cps
Phosphorus	31-2	233	208	200	214	8.11	cps
Potassium	39-2	1173045	1177551	1185230	1178609	0.52	cps
Rhodium	103-1	9204991	9278111	9031893	9171665	1.38	cps
Rhodium	103-2	4452487	4579059	4198346	4409964	4.40	cps
Scandium	45-1	6642180	6714636	6481341	6612719	1.81	cps
Scandium	45-2	299799	310764	281996	297520	4.88	cps
Selenium	77-2	23	30	30	28	13.86	cps
Selenium	78-2	130	98	120	116	13.94	cps
Selenium	82-1	14	130	50	65	92.24	cps
Silicon	28-1	27675369	27199051	27086580	27320333	1.14	cps
Silver	109-1	2759	3159	3009	2975	6.79	cps
Silver	107-1	2742	2984	3000	2909	4.97	cps
Sodium	23-2	9069855	9125815	9118439	9104703	0.33	cps
Strontium	86-1	349450	346551	338905	344968	1.58	cps
Strontium	88-1	3044280	3013475	2999432	3019062	0.76	cps
Sulfur	34-1	586119	580746	576132	580999	0.86	cps
Terbium	159-1	12330349	12444876	12038781	12271336	1.71	cps
Terbium	159-2	6351661	6477426	5949364	6259484	4.41	cps
Thallium	203-1	1242	1017	883	1047	17.30	cps
Thallium	205-1	2859	2534	2442	2611	8.39	cps
Tin	118-1	3701	3951	3601	3751	4.81	cps
Titanium	47-1	775	867	733	792	8.62	cps
Uranium	238-1	1659	1709	1625	1664	2.52	cps
Vanadium	51-2	1337	1407	1437	1393	3.68	cps
Yttrium	89-1	10875390	10979709	10676155	10843751	1.42	cps
Yttrium	89-2	1590050	1639710	1496326	1575362	4.62	cps
Zinc	66-2	31000	31424	30355	30926	1.74	cps
Zirconium	90-1	1367	967	1058	1131	18.54	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01D	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:46:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	217	183	225	20.62	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	875	908	928	6.98	cps
Antimony	121-1	2092	2059	2117	2089	1.40	cps
Arsenic	75-2	48	30	39	39	23.81	cps
Barium	135-1	78355	78924	77734	78338	0.76	cps
Barium	137-1	135194	135169	133268	134544	0.82	cps
Beryllium	9-1	256	222	300	259	15.05	cps
Bismuth	209-1	6813726	6675787	6694162	6727892	1.11	cps
Bismuth	209-2	4571393	4460654	4308956	4447001	2.96	cps
Boron	10-1	2242	2309	2592	2381	7.81	cps
Boron	11-1	11805	12381	12080	12089	2.38	cps
Cadmium	111-1	1985	1873	1889	1916	3.17	cps
Cadmium	106-1	2650	2575	2559	2595	1.88	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	86721	86402	87525	86883	0.67	cps
Calcium	44-1	1425621	1420634	1420293	1422183	0.21	cps
Chromium	52-2	833	833	757	808	5.48	cps
Cobalt	59-2	5975	6071	5938	5995	1.15	cps
Copper	63-2	6075	6078	6105	6086	0.27	cps
Dysprosium	156-1	1150	1275	1033	1153	10.48	cps
Dysprosium	156-2	613	630	657	633	3.45	cps
Erbium	164-1	942	1175	1033	1050	11.20	cps
Erbium	164-2	563	537	487	529	7.36	cps
Gadolinium	160-1	1125	1217	1175	1172	3.92	cps
Gadolinium	160-2	733	767	870	790	9.02	cps
Holmium	165-1	10986666	10771520	10769338	10842508	1.15	cps
Holmium	165-2	6247413	6082741	5908037	6079397	2.79	cps
Indium	115-1	9617634	9409451	9408249	9478445	1.27	cps
Indium	115-2	2007853	1964835	1898541	1957076	2.81	cps
Iron	56-2	40532	40406	39715	40218	1.09	cps
Iron	57-2	1272	1078	1117	1156	8.90	cps
Lead	206-1	1506	1545	1522	1524	1.28	cps
Lead	207-1	1372	1261	1378	1337	4.92	cps
Lead	208-1	6106	6040	6106	6084	0.63	cps
Lithium	6-1	1957517	1921420	1951481	1943473	0.99	cps
Magnesium	24-2	170873	172322	175305	172833	1.31	cps
Manganese	55-2	34223	34407	34113	34248	0.43	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	608	550	608	9.59	cps
Molybdenum	95-1	642	458	500	533	18.02	cps
Molybdenum	96-1	567	525	608	567	7.35	cps
Molybdenum	97-1	325	467	450	414	18.71	cps
Molybdenum	98-1	800	683	850	778	11.00	cps
Neodymium	150-1	1240	1480	1320	1347	9.08	cps
Neodymium	150-2	613	527	513	551	9.85	cps
Nickel	60-2	1093	1003	1183	1093	8.23	cps
Phosphorus	31-2	217	308	308	278	19.05	cps
Potassium	39-2	250506	250538	254244	251763	0.85	cps
Rhodium	103-1	8790849	8556579	8607142	8651523	1.42	cps
Rhodium	103-2	4420994	4324379	4195515	4313629	2.62	cps
Scandium	45-1	6219644	5990849	6056943	6089146	1.93	cps
Scandium	45-2	300566	289195	278182	289314	3.87	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	83	102	102	96	11.18	cps
Selenium	82-1	1	17	-13	1	1107.68	cps
Silicon	28-1	5304956	5293083	5303758	5300599	0.12	cps
Silver	109-1	917	717	750	795	13.49	cps
Silver	107-1	875	767	867	836	7.21	cps
Sodium	23-2	1696550	1708960	1714945	1706818	0.55	cps
Strontium	86-1	64512	63483	65910	64635	1.89	cps
Strontium	88-1	559974	562362	564324	562220	0.39	cps
Sulfur	34-1	392403	388475	390185	390354	0.50	cps
Terbium	159-1	11524194	11323887	11367739	11405273	0.92	cps
Terbium	159-2	6315420	6132439	5957655	6135172	2.92	cps
Thallium	203-1	375	433	442	417	8.72	cps
Thallium	205-1	925	825	1025	925	10.81	cps
Tin	118-1	1642	1709	1809	1720	4.88	cps
Titanium	47-1	442	325	275	347	24.63	cps
Uranium	238-1	317	317	350	328	5.87	cps
Vanadium	51-2	410	490	433	444	9.26	cps
Yttrium	89-1	10017235	9847053	9938277	9934188	0.86	cps
Yttrium	89-2	1548754	1512283	1464557	1508531	2.80	cps
Zinc	66-2	5871	5768	5908	5849	1.24	cps
Zirconium	90-1	1125	900	1225	1083	15.37	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	5
Date & Time Acquired ::	2018-02-16 10:50:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	258	175	239	23.74	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256083	254462	254277	254941	0.39	cps
Antimony	121-1	1217768	1204762	1211599	1211376	0.54	cps
Arsenic	75-2	17791	17919	17932	17880	0.44	cps
Barium	135-1	6269995	6191813	6205801	6222536	0.67	cps
Barium	137-1	10773816	10666465	10668688	10702990	0.57	cps
Beryllium	9-1	99418	100598	98865	99627	0.89	cps
Bismuth	209-1	6921248	6830424	6945800	6899157	0.88	cps
Bismuth	209-2	4505810	4474412	4486352	4488858	0.35	cps
Boron	10-1	6977	6593	6477	6682	3.92	cps
Boron	11-1	34232	35710	34173	34705	2.51	cps
Cadmium	111-1	147036	146013	144627	145892	0.83	cps
Cadmium	106-1	15342	15259	15476	15359	0.71	cps
Cadmium	108-1	9483	9453	9420	9452	0.33	cps
Calcium	43-1	476272	469598	468963	471611	0.86	cps
Calcium	44-1	7815984	7749191	7713820	7759665	0.67	cps
Chromium	52-2	806157	813329	804018	807835	0.60	cps
Cobalt	59-2	3347325	3351284	3339949	3346186	0.17	cps
Copper	63-2	1203568	1212518	1210632	1208906	0.39	cps
Dysprosium	156-1	5735	5693	5335	5587	3.94	cps
Dysprosium	156-2	3204	3084	3347	3212	4.11	cps
Erbium	164-1	5385	5293	5118	5265	2.57	cps
Erbium	164-2	2714	2647	2667	2676	1.28	cps
Gadolinium	160-1	6018	6043	5735	5932	2.89	cps
Gadolinium	160-2	3594	3947	3884	3808	4.95	cps
Holmium	165-1	11370580	11212196	11255133	11279303	0.73	cps
Holmium	165-2	6236145	6181729	6208019	6208631	0.44	cps
Indium	115-1	10482316	10433552	10484009	10466626	0.27	cps
Indium	115-2	2132508	2111760	2119653	2121307	0.49	cps
Iron	56-2	3509122	3529177	3534892	3524397	0.38	cps
Iron	57-2	87185	87432	87762	87459	0.33	cps
Lead	206-1	163634	158884	160656	161058	1.49	cps
Lead	207-1	148454	148151	146578	147728	0.68	cps
Lead	208-1	665535	659812	658413	661253	0.57	cps
Lithium	6-1	2271202	2274886	2318491	2288193	1.15	cps
Magnesium	24-2	948056	944109	938576	943580	0.50	cps
Manganese	55-2	1318122	1332890	1333102	1328038	0.65	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	1367	1275	1256	9.72	cps
Molybdenum	95-1	1117	1075	1067	1086	2.47	cps
Molybdenum	96-1	1233	1233	1517	1328	12.32	cps
Molybdenum	97-1	742	642	658	681	7.87	cps
Molybdenum	98-1	2034	1550	1817	1800	13.45	cps
Neodymium	150-1	7189	7509	7009	7236	3.50	cps
Neodymium	150-2	2810	3080	2940	2944	4.59	cps
Nickel	60-2	873718	875187	880602	876502	0.41	cps
Phosphorus	31-2	250	283	258	264	6.57	cps
Potassium	39-2	1185575	1190761	1184828	1187055	0.27	cps
Rhodium	103-1	9137520	9026485	9053180	9072395	0.64	cps
Rhodium	103-2	4534728	4491472	4515998	4514066	0.48	cps
Scandium	45-1	6596461	6512572	6547705	6552246	0.64	cps
Scandium	45-2	314511	306960	305354	308942	1.58	cps
Selenium	77-2	1420	1383	1287	1363	5.05	cps
Selenium	78-2	4540	4760	4623	4641	2.40	cps
Selenium	82-1	27663	27540	27444	27549	0.40	cps
Silicon	28-1	27401913	27149031	26860865	27137270	1.00	cps
Silver	109-1	689183	694486	675909	686526	1.39	cps
Silver	107-1	729415	723264	724041	725573	0.46	cps
Sodium	23-2	9232627	9194510	9114241	9180459	0.66	cps
Strontium	86-1	346264	346082	346450	346265	0.05	cps
Strontium	88-1	3051402	3032039	3034797	3039413	0.34	cps
Sulfur	34-1	579644	570705	566494	572281	1.17	cps
Terbium	159-1	11869077	11838569	11785236	11830961	0.36	cps
Terbium	159-2	6249068	6252594	6241860	6247841	0.09	cps
Thallium	203-1	490521	493446	489096	491021	0.45	cps
Thallium	205-1	1197287	1163673	1166713	1175891	1.58	cps
Tin	118-1	3467	3676	3809	3651	4.72	cps
Titanium	47-1	842	1008	858	903	10.17	cps
Uranium	238-1	800	792	742	778	4.06	cps
Vanadium	51-2	1681267	1687138	1677599	1682001	0.29	cps
Yttrium	89-1	10787302	10675198	10763952	10742151	0.55	cps
Yttrium	89-2	1607863	1600741	1596000	1601535	0.37	cps
Zinc	66-2	343419	345689	343379	344162	0.38	cps
Zirconium	90-1	1517	1375	1642	1511	8.83	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01S	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:53:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	242	375	319	21.72	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19363	18996	19805	19388	2.09	cps
Antimony	121-1	3742	3059	3676	3492	10.79	cps
Arsenic	75-2	91	89	63	81	19.21	cps
Barium	135-1	371168	364288	367421	367625	0.94	cps
Barium	137-1	633305	629929	629778	631004	0.32	cps
Beryllium	9-1	1011	945	1083	1013	6.86	cps
Bismuth	209-1	7033685	6988543	6850921	6957716	1.37	cps
Bismuth	209-2	4405510	4477014	4367689	4416738	1.26	cps
Boron	10-1	10738	11221	11396	11118	3.07	cps
Boron	11-1	56364	56147	55787	56099	0.52	cps
Cadmium	111-1	1995	2152	2381	2176	8.93	cps
Cadmium	106-1	2459	2600	2925	2661	8.99	cps
Cadmium	108-1	38	21	42	33	33.08	cps
Calcium	43-1	257893	255993	255690	256526	0.47	cps
Calcium	44-1	4225803	4174037	4178549	4192796	0.68	cps
Chromium	52-2	1780	1727	1833	1780	3.00	cps
Cobalt	59-2	20551	20124	20708	20461	1.48	cps
Copper	63-2	69832	71262	71678	70924	1.37	cps
Dysprosium	156-1	4768	5001	5068	4946	3.19	cps
Dysprosium	156-2	2890	3014	3037	2980	2.64	cps
Erbium	164-1	4951	4709	4993	4884	3.13	cps
Erbium	164-2	2500	2390	2420	2437	2.33	cps
Gadolinium	160-1	6118	6027	5610	5918	4.58	cps
Gadolinium	160-2	3434	3477	3537	3483	1.49	cps
Holmium	165-1	11380036	11279308	11131303	11263549	1.11	cps
Holmium	165-2	6053258	6082851	5995812	6043973	0.73	cps
Indium	115-1	10385055	10286869	10173052	10281659	1.03	cps
Indium	115-2	2026611	2056232	2026160	2036334	0.85	cps
Iron	56-2	664609	666318	669725	666884	0.39	cps
Iron	57-2	16810	16682	16766	16753	0.39	cps
Lead	206-1	25074	25709	24167	24983	3.10	cps
Lead	207-1	20995	21329	21011	21112	0.89	cps
Lead	208-1	98596	98577	96724	97966	1.10	cps
Lithium	6-1	2275027	2239309	2229262	2247866	1.07	cps
Magnesium	24-2	690774	690125	686903	689267	0.30	cps
Manganese	55-2	114598	113930	113839	114123	0.36	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	567	517	533	5.41	cps
Molybdenum	95-1	417	258	458	378	27.93	cps
Molybdenum	96-1	417	383	483	428	11.90	cps
Molybdenum	97-1	350	342	342	344	1.40	cps
Molybdenum	98-1	517	517	458	497	6.77	cps
Neodymium	150-1	6488	6208	6662	6453	3.55	cps
Neodymium	150-2	2874	2570	2837	2760	6.00	cps
Nickel	60-2	4544	4224	4407	4392	3.66	cps
Phosphorus	31-2	250	283	200	244	17.16	cps
Potassium	39-2	986953	987397	984309	986219	0.17	cps
Rhodium	103-1	9213039	9107062	8987999	9102700	1.24	cps
Rhodium	103-2	4392425	4480648	4399876	4424317	1.11	cps
Scandium	45-1	6592307	6534994	6332902	6486734	2.10	cps
Scandium	45-2	297601	304981	289324	297302	2.63	cps
Selenium	77-2	13	17	20	17	20.01	cps
Selenium	78-2	119	113	135	122	9.47	cps
Selenium	82-1	85	39	79	68	36.69	cps
Silicon	28-1	27013588	26872027	26726943	26870853	0.53	cps
Silver	109-1	2159	2192	2109	2153	1.95	cps
Silver	107-1	2442	2109	2042	2197	9.75	cps
Sodium	23-2	3097626	3071997	3067182	3078935	0.53	cps
Strontium	86-1	222785	221472	222184	222147	0.30	cps
Strontium	88-1	1957594	1956308	1950556	1954819	0.19	cps
Sulfur	34-1	531389	531089	526198	529558	0.55	cps
Terbium	159-1	12016851	11848785	11621327	11828988	1.68	cps
Terbium	159-2	6091086	6173532	6067317	6110645	0.91	cps
Thallium	203-1	675	675	742	697	5.52	cps
Thallium	205-1	1567	1517	1508	1531	2.06	cps
Tin	118-1	7819	8144	7786	7916	2.50	cps
Titanium	47-1	933	817	850	867	6.93	cps
Uranium	238-1	500	475	592	522	11.76	cps
Vanadium	51-2	1833	1783	1770	1796	1.86	cps
Yttrium	89-1	10786447	10711562	10571452	10689820	1.02	cps
Yttrium	89-2	1545550	1565678	1548784	1553337	0.70	cps
Zinc	66-2	33696	33061	33011	33256	1.15	cps
Zirconium	90-1	1225	1200	1150	1192	3.20	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 10:57:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	275	350	275	27.27	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1233	1492	1389	9.87	cps
Antimony	121-1	2384	2792	2875	2684	9.81	cps
Arsenic	75-2	94	69	83	82	15.84	cps
Barium	135-1	326763	328473	326466	327234	0.33	cps
Barium	137-1	568897	568830	562268	566665	0.67	cps
Beryllium	9-1	578	472	550	533	10.26	cps
Bismuth	209-1	7043882	7025726	7040644	7036751	0.14	cps
Bismuth	209-2	4407970	4428453	4514222	4450215	1.27	cps
Boron	10-1	5901	5676	5826	5801	1.98	cps
Boron	11-1	29271	28929	30014	29404	1.89	cps
Cadmium	111-1	1973	1990	1977	1980	0.47	cps
Cadmium	106-1	2575	2592	2559	2575	0.65	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	470339	461481	458906	463575	1.29	cps
Calcium	44-1	7744595	7637507	7662137	7681413	0.73	cps
Chromium	52-2	967	1087	1037	1030	5.85	cps
Cobalt	59-2	14054	14914	14504	14491	2.97	cps
Copper	63-2	41616	41566	40951	41377	0.90	cps
Dysprosium	156-1	4501	4234	4076	4270	5.03	cps
Dysprosium	156-2	2400	2334	2577	2437	5.16	cps
Erbium	164-1	3642	3301	3226	3389	6.55	cps
Erbium	164-2	2004	1847	1947	1932	4.11	cps
Gadolinium	160-1	4676	4484	4726	4629	2.76	cps
Gadolinium	160-2	2970	2894	2907	2924	1.40	cps
Holmium	165-1	11279677	11412528	11299951	11330718	0.63	cps
Holmium	165-2	6067991	6086160	6180676	6111609	0.99	cps
Indium	115-1	10237472	10274966	10282519	10264986	0.24	cps
Indium	115-2	2012855	2022616	2040637	2025369	0.70	cps
Iron	56-2	36713	36073	36980	36589	1.28	cps
Iron	57-2	1800	1706	1867	1791	4.52	cps
Lead	206-1	3606	3528	3723	3619	2.71	cps
Lead	207-1	3062	3339	3245	3215	4.39	cps
Lead	208-1	14359	14531	14887	14592	1.85	cps
Lithium	6-1	2206712	2210863	2236032	2217869	0.72	cps
Magnesium	24-2	787543	787171	793425	789380	0.44	cps
Manganese	55-2	66664	65281	66975	66307	1.36	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	467	592	536	11.87	cps
Molybdenum	95-1	383	350	442	392	11.85	cps
Molybdenum	96-1	425	500	425	450	9.62	cps
Molybdenum	97-1	250	333	342	308	16.44	cps
Molybdenum	98-1	558	575	433	522	14.83	cps
Neodymium	150-1	6148	6375	6288	6271	1.82	cps
Neodymium	150-2	2640	2810	2620	2690	3.88	cps
Nickel	60-2	2604	2540	2517	2554	1.76	cps
Phosphorus	31-2	200	208	242	217	10.18	cps
Potassium	39-2	980095	959605	968711	969470	1.06	cps
Rhodium	103-1	9177104	9139033	9099125	9138421	0.43	cps
Rhodium	103-2	4425336	4436819	4498685	4453613	0.89	cps
Scandium	45-1	6531594	6530292	6465267	6509051	0.58	cps
Scandium	45-2	305428	298403	303200	302344	1.19	cps
Selenium	77-2	0	40	33	24	87.67	cps
Selenium	78-2	78	115	113	102	20.49	cps
Selenium	82-1	81	146	91	106	32.84	cps
Silicon	28-1	22377900	22031023	21897191	22102038	1.12	cps
Silver	109-1	1684	1759	1784	1742	2.99	cps
Silver	107-1	1759	1759	1742	1753	0.55	cps
Sodium	23-2	4664353	4643954	4641625	4649978	0.27	cps
Strontium	86-1	282509	284720	280989	282740	0.66	cps
Strontium	88-1	2481905	2495203	2467474	2481527	0.56	cps
Sulfur	34-1	518835	520160	514558	517851	0.57	cps
Terbium	159-1	11928831	11917328	11975347	11940502	0.26	cps
Terbium	159-2	6097302	6111377	6237216	6148632	1.25	cps
Thallium	203-1	467	325	475	422	19.97	cps
Thallium	205-1	1092	1167	1183	1147	4.26	cps
Tin	118-1	2709	3084	2634	2809	8.59	cps
Titanium	47-1	675	600	725	667	9.44	cps
Uranium	238-1	283	308	233	275	13.89	cps
Vanadium	51-2	1277	1373	1327	1326	3.65	cps
Yttrium	89-1	10667222	10767025	10717112	10717119	0.47	cps
Yttrium	89-2	1554463	1560796	1570346	1561868	0.51	cps
Zinc	66-2	5368	5321	5578	5422	2.52	cps
Zirconium	90-1	892	850	992	911	7.99	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:00:48	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	225	225	244	13.78	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1317	1442	1250	1336	7.28	cps
Antimony	121-1	3150	2884	3184	3073	5.35	cps
Arsenic	75-2	70	74	65	70	6.68	cps
Barium	135-1	345983	347449	341741	345057	0.86	cps
Barium	137-1	607433	600071	594095	600533	1.11	cps
Beryllium	9-1	511	583	506	533	8.14	cps
Bismuth	209-1	7014941	6972492	7029466	7005633	0.42	cps
Bismuth	209-2	4293881	4353811	4319569	4322420	0.70	cps
Boron	10-1	6010	5660	5735	5801	3.18	cps
Boron	11-1	29772	30264	29195	29744	1.80	cps
Cadmium	111-1	1989	1877	2112	1993	5.92	cps
Cadmium	106-1	2659	2559	2800	2673	4.54	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Calcium	43-1	455743	450914	451883	452847	0.56	cps
Calcium	44-1	7505064	7445597	7439899	7463520	0.48	cps
Chromium	52-2	1040	1107	997	1048	5.29	cps
Cobalt	59-2	2984	3047	2840	2957	3.58	cps
Copper	63-2	17724	17357	17614	17565	1.07	cps
Dysprosium	156-1	1959	2009	1825	1931	4.91	cps
Dysprosium	156-2	1153	1127	1137	1139	1.18	cps
Erbium	164-1	2217	2134	1959	2103	6.27	cps
Erbium	164-2	1043	1003	1010	1019	2.10	cps
Gadolinium	160-1	2475	2592	2625	2564	3.07	cps
Gadolinium	160-2	1477	1317	1360	1385	5.98	cps
Holmium	165-1	11328194	11285257	11173480	11262310	0.71	cps
Holmium	165-2	5867122	5952989	5907470	5909194	0.73	cps
Indium	115-1	10201152	10152368	10146760	10166760	0.29	cps
Indium	115-2	1963525	1965489	1953997	1961003	0.31	cps
Iron	56-2	8158	7919	7964	8014	1.59	cps
Iron	57-2	1022	961	895	959	6.66	cps
Lead	206-1	1545	1617	1717	1626	5.32	cps
Lead	207-1	1461	1333	1289	1361	6.57	cps
Lead	208-1	6356	6179	6501	6345	2.54	cps
Lithium	6-1	2191210	2183197	2197595	2190667	0.33	cps
Magnesium	24-2	832886	825821	818881	825863	0.85	cps
Manganese	55-2	323	267	307	299	9.74	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2784	2634	2284	2567	10.00	cps
Molybdenum	95-1	208	283	333	275	22.88	cps
Molybdenum	96-1	767	608	658	678	11.94	cps
Molybdenum	97-1	183	267	317	256	26.36	cps
Molybdenum	98-1	500	400	400	433	13.32	cps
Neodymium	150-1	1934	2007	1867	1936	3.62	cps
Neodymium	150-2	747	797	790	778	3.49	cps
Nickel	60-2	1650	1573	1557	1593	3.12	cps
Phosphorus	31-2	1242	1492	1142	1292	13.96	cps
Potassium	39-2	942336	945423	935294	941018	0.55	cps
Rhodium	103-1	9032153	9022296	9032975	9029141	0.07	cps
Rhodium	103-2	4303458	4318023	4325853	4315778	0.26	cps
Scandium	45-1	6450460	6327214	6395403	6391026	0.97	cps
Scandium	45-2	289207	291134	292811	291051	0.62	cps
Selenium	77-2	20	33	33	29	26.64	cps
Selenium	78-2	111	94	85	97	13.55	cps
Selenium	82-1	-4	42	63	34	101.19	cps
Silicon	28-1	22064040	21970274	21945648	21993321	0.28	cps
Silver	109-1	1775	1600	1508	1628	8.32	cps
Silver	107-1	1700	1583	1433	1572	8.50	cps
Sodium	23-2	6401420	6314115	6294234	6336590	0.90	cps
Strontium	86-1	307692	302349	299873	303305	1.32	cps
Strontium	88-1	2680397	2660987	2636204	2659196	0.83	cps
Sulfur	34-1	519254	521765	517023	519347	0.46	cps
Terbium	159-1	11861490	11822488	11806811	11830263	0.24	cps
Terbium	159-2	5906433	5922468	5937051	5921984	0.26	cps
Thallium	203-1	158	92	133	128	26.36	cps
Thallium	205-1	400	400	267	356	21.65	cps
Tin	118-1	2734	2909	3009	2884	4.83	cps
Titanium	47-1	750	708	683	714	4.72	cps
Uranium	238-1	500	433	475	469	7.17	cps
Vanadium	51-2	1480	1507	1527	1505	1.56	cps
Yttrium	89-1	10582493	10562028	10550708	10565076	0.15	cps
Yttrium	89-2	1499951	1515684	1506489	1507374	0.52	cps
Zinc	66-2	9143	9547	9650	9447	2.84	cps
Zirconium	90-1	7236	6577	5826	6546	10.77	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:04:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1617	1350	1325	1431	11.30	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5376	5243	5268	5296	1.34	cps
Antimony	121-1	3159	3159	2917	3078	4.53	cps
Arsenic	75-2	104	109	83	99	13.82	cps
Barium	135-1	413491	409326	405016	409278	1.04	cps
Barium	137-1	710498	700328	707671	706166	0.74	cps
Beryllium	9-1	694	706	567	656	11.77	cps
Bismuth	209-1	6957009	6976664	6986372	6973348	0.21	cps
Bismuth	209-2	4475611	4367745	4470322	4437893	1.37	cps
Boron	10-1	7352	6793	7452	7199	4.93	cps
Boron	11-1	36395	36353	36537	36428	0.26	cps
Cadmium	111-1	2357	2252	2153	2254	4.52	cps
Cadmium	106-1	2792	2609	2442	2614	6.70	cps
Cadmium	108-1	50	29	21	33	45.07	cps
Calcium	43-1	456361	454387	454669	455139	0.23	cps
Calcium	44-1	7653749	7546319	7526597	7575555	0.90	cps
Chromium	52-2	1260	1257	1317	1278	2.64	cps
Cobalt	59-2	31337	31066	30712	31039	1.01	cps
Copper	63-2	19917	20251	20929	20365	2.53	cps
Dysprosium	156-1	5243	5701	5626	5524	4.45	cps
Dysprosium	156-2	3000	3064	3184	3083	3.02	cps
Erbium	164-1	5160	4959	4968	5029	2.25	cps
Erbium	164-2	2800	2787	2734	2774	1.27	cps
Gadolinium	160-1	6318	6393	6168	6293	1.82	cps
Gadolinium	160-2	3834	3597	3534	3655	4.33	cps
Holmium	165-1	11195190	11207245	11233279	11211905	0.17	cps
Holmium	165-2	6154327	5961479	6074618	6063475	1.60	cps
Indium	115-1	10088200	10126560	10090722	10101827	0.21	cps
Indium	115-2	2007236	1972979	2030599	2003605	1.45	cps
Iron	56-2	192287	191965	193006	192419	0.28	cps
Iron	57-2	5757	5768	5618	5714	1.46	cps
Lead	206-1	4523	4690	4540	4584	2.00	cps
Lead	207-1	3923	3762	4056	3914	3.77	cps
Lead	208-1	17983	18478	18278	18246	1.36	cps
Lithium	6-1	2160394	2166249	2165069	2163904	0.14	cps
Magnesium	24-2	903527	909771	909950	907749	0.40	cps
Manganese	55-2	178829	179284	179549	179221	0.20	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	567	517	550	5.25	cps
Molybdenum	95-1	433	625	683	581	22.53	cps
Molybdenum	96-1	808	833	758	800	4.77	cps
Molybdenum	97-1	525	392	475	464	14.52	cps
Molybdenum	98-1	1008	817	975	933	10.97	cps
Neodymium	150-1	7209	6649	6862	6906	4.09	cps
Neodymium	150-2	2897	2740	2834	2824	2.79	cps
Nickel	60-2	5231	5208	5011	5150	2.35	cps
Phosphorus	31-2	183	192	175	183	4.55	cps
Potassium	39-2	1133679	1131447	1139741	1134956	0.38	cps
Rhodium	103-1	8963359	8975515	8965266	8968047	0.07	cps
Rhodium	103-2	4447348	4366075	4479093	4430839	1.32	cps
Scandium	45-1	6246500	6354797	6387347	6329548	1.17	cps
Scandium	45-2	300196	291798	301239	297744	1.74	cps
Selenium	77-2	170	200	163	178	10.98	cps
Selenium	78-2	622	674	615	637	5.07	cps
Selenium	82-1	3180	3117	3151	3149	1.01	cps
Silicon	28-1	26171863	26027818	25645809	25948497	1.05	cps
Silver	109-1	1383	1542	1567	1497	6.64	cps
Silver	107-1	1592	1433	1609	1545	6.25	cps
Sodium	23-2	8891213	8895374	8903511	8896699	0.07	cps
Strontium	86-1	339908	338562	334940	337803	0.76	cps
Strontium	88-1	3022692	2971851	2944964	2979836	1.32	cps
Sulfur	34-1	572720	564888	564123	567244	0.84	cps
Terbium	159-1	11742746	11871506	11754430	11789561	0.60	cps
Terbium	159-2	6138351	6047950	6110987	6099096	0.76	cps
Thallium	203-1	767	675	567	669	14.96	cps
Thallium	205-1	1508	1433	1617	1520	6.07	cps
Tin	118-1	3484	3217	3151	3284	5.37	cps
Titanium	47-1	808	742	767	772	4.36	cps
Uranium	238-1	850	842	858	850	0.98	cps
Vanadium	51-2	2154	2144	2110	2136	1.06	cps
Yttrium	89-1	10524879	10624982	10582313	10577391	0.47	cps
Yttrium	89-2	1563541	1529442	1564360	1552448	1.28	cps
Zinc	66-2	34040	34250	33923	34071	0.49	cps
Zirconium	90-1	650	775	717	714	8.76	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:07:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	167	186	9.32	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	525	392	511	22.14	cps
Antimony	121-1	683	567	742	664	13.42	cps
Arsenic	75-2	24	24	22	23	4.55	cps
Barium	135-1	38555	37944	38471	38323	0.86	cps
Barium	137-1	67741	66442	66979	67054	0.97	cps
Beryllium	9-1	228	161	217	202	17.69	cps
Bismuth	209-1	6610355	6420866	6336614	6455945	2.17	cps
Bismuth	209-2	4177440	4171566	4245781	4198262	0.98	cps
Boron	10-1	1325	1383	1525	1411	7.29	cps
Boron	11-1	7210	7194	7210	7205	0.13	cps
Cadmium	111-1	1799	1457	1751	1669	11.10	cps
Cadmium	106-1	2492	2017	2417	2309	11.06	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	42729	43206	42253	42729	1.11	cps
Calcium	44-1	706324	703603	701347	703758	0.35	cps
Chromium	52-2	760	620	737	706	10.63	cps
Cobalt	59-2	2897	2967	2920	2928	1.22	cps
Copper	63-2	6622	6765	6482	6623	2.14	cps
Dysprosium	156-1	567	500	533	533	6.25	cps
Dysprosium	156-2	327	263	337	309	12.88	cps
Erbium	164-1	425	450	500	458	8.33	cps
Erbium	164-2	267	290	267	274	4.91	cps
Gadolinium	160-1	533	558	617	569	7.51	cps
Gadolinium	160-2	443	430	430	434	1.77	cps
Holmium	165-1	10658570	10517527	10370522	10515539	1.37	cps
Holmium	165-2	5714711	5732740	5796800	5748084	0.75	cps
Indium	115-1	9341201	9266415	9056249	9221288	1.60	cps
Indium	115-2	1847734	1850532	1877823	1858696	0.89	cps
Iron	56-2	21522	21116	21321	21320	0.95	cps
Iron	57-2	772	739	689	733	5.72	cps
Lead	206-1	900	900	833	878	4.38	cps
Lead	207-1	822	778	878	826	6.07	cps
Lead	208-1	3372	3656	3700	3576	4.97	cps
Lithium	6-1	1867572	1858657	1828056	1851429	1.12	cps
Magnesium	24-2	85997	86273	86986	86418	0.59	cps
Manganese	55-2	17093	16750	16847	16897	1.05	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	375	367	381	4.56	cps
Molybdenum	95-1	217	258	258	244	9.84	cps
Molybdenum	96-1	208	317	292	272	20.84	cps
Molybdenum	97-1	125	183	158	156	18.81	cps
Molybdenum	98-1	333	442	400	392	13.95	cps
Neodymium	150-1	587	667	767	673	13.39	cps
Neodymium	150-2	283	297	287	289	2.40	cps
Nickel	60-2	570	570	583	574	1.34	cps
Phosphorus	31-2	150	250	217	206	24.77	cps
Potassium	39-2	141586	141124	139382	140697	0.83	cps
Rhodium	103-1	8491537	8457483	8208402	8385807	1.84	cps
Rhodium	103-2	4183971	4162618	4241758	4196116	0.98	cps
Scandium	45-1	5900994	5957015	5727028	5861679	2.05	cps
Scandium	45-2	277699	278471	281473	279214	0.71	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	89	106	104	99	9.19	cps
Selenium	82-1	17	2	-56	-12	-321.79	cps
Silicon	28-1	2990628	3004071	3001951	2998883	0.24	cps
Silver	109-1	400	250	367	339	23.24	cps
Silver	107-1	550	492	375	472	18.87	cps
Sodium	23-2	855300	851009	860632	855647	0.56	cps
Strontium	86-1	31736	32504	31410	31883	1.76	cps
Strontium	88-1	278874	274234	276329	276479	0.84	cps
Sulfur	34-1	365463	365475	367064	366001	0.25	cps
Terbium	159-1	11212081	11046084	10836932	11031699	1.70	cps
Terbium	159-2	5746610	5779704	5877838	5801384	1.18	cps
Thallium	203-1	75	217	108	133	55.55	cps
Thallium	205-1	342	325	375	347	7.33	cps
Tin	118-1	1392	1400	1242	1345	6.63	cps
Titanium	47-1	375	333	308	339	9.94	cps
Uranium	238-1	167	158	125	150	14.70	cps
Vanadium	51-2	463	383	333	393	16.67	cps
Yttrium	89-1	9852156	9714373	9542411	9702980	1.60	cps
Yttrium	89-2	1439718	1439606	1465856	1448393	1.04	cps
Zinc	66-2	3017	3164	2974	3051	3.26	cps
Zirconium	90-1	733	625	642	667	8.75	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:11:23	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	167	150	167	10.00	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	508	608	547	9.79	cps
Antimony	121-1	500	342	558	467	24.02	cps
Arsenic	75-2	17	13	15	15	12.52	cps
Barium	135-1	38604	37176	38947	38243	2.46	cps
Barium	137-1	65681	66477	65371	65843	0.87	cps
Beryllium	9-1	156	167	183	169	8.30	cps
Bismuth	209-1	6382984	6466492	6450396	6433291	0.69	cps
Bismuth	209-2	3896703	3915977	4007812	3940164	1.51	cps
Boron	10-1	1108	1300	1225	1211	7.97	cps
Boron	11-1	6143	6168	6769	6360	5.57	cps
Cadmium	111-1	1771	1741	1520	1677	8.16	cps
Cadmium	106-1	2459	2392	2084	2311	8.66	cps
Cadmium	108-1	0	13	25	13	100.00	cps
Calcium	43-1	41910	42245	42746	42300	0.99	cps
Calcium	44-1	689120	689918	690382	689807	0.09	cps
Chromium	52-2	680	640	613	644	5.21	cps
Cobalt	59-2	2514	2694	2584	2597	3.49	cps
Copper	63-2	5735	5648	5554	5646	1.60	cps
Dysprosium	156-1	417	583	658	553	22.38	cps
Dysprosium	156-2	300	270	320	297	8.48	cps
Erbium	164-1	500	533	508	514	3.38	cps
Erbium	164-2	267	257	220	248	9.91	cps
Gadolinium	160-1	850	625	583	686	20.91	cps
Gadolinium	160-2	400	363	403	389	5.71	cps
Holmium	165-1	10447319	10465179	10651535	10521344	1.07	cps
Holmium	165-2	5381093	5390125	5504293	5425171	1.27	cps
Indium	115-1	9110626	9101192	9152707	9121508	0.30	cps
Indium	115-2	1727265	1737515	1789979	1751586	1.92	cps
Iron	56-2	20003	19296	18996	19432	2.66	cps
Iron	57-2	678	744	644	689	7.39	cps
Lead	206-1	1200	1206	1195	1200	0.46	cps
Lead	207-1	1061	1122	978	1054	6.88	cps
Lead	208-1	4856	4984	4706	4849	2.87	cps
Lithium	6-1	1824079	1845790	1842805	1837558	0.64	cps
Magnesium	24-2	78565	80005	80240	79603	1.14	cps
Manganese	55-2	15799	15969	15592	15786	1.20	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	342	433	356	20.21	cps
Molybdenum	95-1	200	267	208	225	16.14	cps
Molybdenum	96-1	233	200	283	239	17.56	cps
Molybdenum	97-1	142	108	192	147	28.49	cps
Molybdenum	98-1	317	267	308	297	9.01	cps
Neodymium	150-1	573	593	633	600	5.09	cps
Neodymium	150-2	267	290	233	263	10.82	cps
Nickel	60-2	500	507	500	502	0.77	cps
Phosphorus	31-2	175	267	192	211	23.13	cps
Potassium	39-2	131318	130109	130377	130601	0.49	cps
Rhodium	103-1	8320521	8372112	8402567	8365067	0.50	cps
Rhodium	103-2	3917550	3929075	4026662	3957762	1.51	cps
Scandium	45-1	5682651	5912539	5951408	5848866	2.48	cps
Scandium	45-2	255703	257653	269218	260858	2.80	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	115	115	111	114	1.89	cps
Selenium	82-1	-23	-36	-31	-30	-22.62	cps
Silicon	28-1	2983208	2966227	2962781	2970738	0.37	cps
Silver	109-1	275	317	300	297	7.06	cps
Silver	107-1	450	433	383	422	8.22	cps
Sodium	23-2	783947	789373	797409	790243	0.86	cps
Strontium	86-1	30792	32087	31035	31305	2.20	cps
Strontium	88-1	270903	273333	267992	270743	0.99	cps
Sulfur	34-1	367986	368554	365528	367356	0.44	cps
Terbium	159-1	10959950	11016893	11029629	11002157	0.34	cps
Terbium	159-2	5377315	5409753	5565049	5450706	1.84	cps
Thallium	203-1	183	233	200	206	12.39	cps
Thallium	205-1	475	475	500	483	2.99	cps
Tin	118-1	1300	1475	1292	1356	7.64	cps
Titanium	47-1	367	242	333	314	20.62	cps
Uranium	238-1	83	167	75	108	46.79	cps
Vanadium	51-2	253	313	317	294	12.11	cps
Yttrium	89-1	9559196	9686397	9696648	9647414	0.79	cps
Yttrium	89-2	1346685	1364828	1398565	1370026	1.92	cps
Zinc	66-2	2764	2724	2747	2745	0.73	cps
Zirconium	90-1	717	542	583	614	14.89	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01DDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0D	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:14:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	158	125	133	16.54	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	175	100	172	41.15	cps
Antimony	121-1	392	475	483	450	11.26	cps
Arsenic	75-2	4	11	11	9	49.52	cps
Barium	135-1	7544	7469	7361	7458	1.24	cps
Barium	137-1	12715	12231	12565	12503	1.98	cps
Beryllium	9-1	150	83	122	119	28.25	cps
Bismuth	209-1	6397478	6483442	6574490	6485137	1.36	cps
Bismuth	209-2	4234307	4090277	4164952	4163179	1.73	cps
Boron	10-1	742	633	525	633	17.11	cps
Boron	11-1	3467	3492	3025	3328	7.89	cps
Cadmium	111-1	1679	1702	1762	1714	2.49	cps
Cadmium	106-1	2384	2392	2492	2423	2.49	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	8670	8503	8695	8622	1.21	cps
Calcium	44-1	148673	148203	148447	148441	0.16	cps
Chromium	52-2	667	497	677	613	16.49	cps
Cobalt	59-2	563	690	623	626	10.13	cps
Copper	63-2	4424	4307	4194	4308	2.67	cps
Dysprosium	156-1	75	117	100	97	21.57	cps
Dysprosium	156-2	73	47	77	66	25.08	cps
Erbium	164-1	158	100	142	133	22.53	cps
Erbium	164-2	93	57	73	74	24.66	cps
Gadolinium	160-1	117	183	142	147	22.88	cps
Gadolinium	160-2	123	140	163	142	14.13	cps
Holmium	165-1	10399797	10446822	10498961	10448527	0.47	cps
Holmium	165-2	5787048	5594646	5744552	5708749	1.77	cps
Indium	115-1	9100010	9276569	9214648	9197076	0.97	cps
Indium	115-2	1872365	1813624	1840451	1842147	1.60	cps
Iron	56-2	7535	7269	7613	7472	2.42	cps
Iron	57-2	244	322	244	270	16.61	cps
Lead	206-1	1139	1233	1195	1189	3.99	cps
Lead	207-1	1056	1028	1056	1046	1.53	cps
Lead	208-1	4734	4723	4512	4656	2.69	cps
Lithium	6-1	1804121	1823525	1813451	1813699	0.54	cps
Magnesium	24-2	16384	16668	17002	16685	1.85	cps
Manganese	55-2	3414	3264	3347	3342	2.25	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	433	417	383	18.95	cps
Molybdenum	95-1	200	150	217	189	18.37	cps
Molybdenum	96-1	267	325	233	275	16.87	cps
Molybdenum	97-1	142	158	200	167	18.03	cps
Molybdenum	98-1	242	375	300	306	21.87	cps
Neodymium	150-1	140	107	113	120	14.70	cps
Neodymium	150-2	50	47	47	48	4.02	cps
Nickel	60-2	133	137	157	142	8.87	cps
Phosphorus	31-2	225	208	292	242	18.25	cps
Potassium	39-2	56793	55488	55347	55876	1.43	cps
Rhodium	103-1	8350925	8500529	8471566	8441007	0.94	cps
Rhodium	103-2	4201624	4106907	4146452	4151661	1.15	cps
Scandium	45-1	5853051	5932084	5986388	5923841	1.13	cps
Scandium	45-2	284526	272178	270436	275713	2.79	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	96	104	102	101	3.83	cps
Selenium	82-1	16	-19	78	25	196.60	cps
Silicon	28-1	806202	809469	808031	807901	0.20	cps
Silver	109-1	208	208	267	228	14.79	cps
Silver	107-1	258	208	283	250	15.28	cps
Sodium	23-2	194646	191710	192969	193108	0.76	cps
Strontium	86-1	6152	6752	6260	6388	5.01	cps
Strontium	88-1	52506	52104	52104	52238	0.45	cps
Sulfur	34-1	352344	353760	351587	352564	0.31	cps
Terbium	159-1	10914613	11080014	11100613	11031747	0.92	cps
Terbium	159-2	5855357	5684111	5732205	5757224	1.53	cps
Thallium	203-1	208	267	242	239	12.25	cps
Thallium	205-1	492	500	525	506	3.43	cps
Tin	118-1	1158	1408	1500	1356	13.05	cps
Titanium	47-1	375	217	208	267	35.22	cps
Uranium	238-1	50	58	42	50	16.67	cps
Vanadium	51-2	120	150	107	126	17.68	cps
Yttrium	89-1	9551384	9694868	9711612	9652621	0.91	cps
Yttrium	89-2	1459976	1417347	1423347	1433557	1.61	cps
Zinc	66-2	673	663	647	661	2.04	cps
Zirconium	90-1	675	817	567	686	18.27	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01LDLX50	Instrumnet Name :	P7
Client Sample ID :	MC0AA0L	Dilution Factor :	50
Date & Time Acquired ::	2018-02-16 11:18:26	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	117	183	147	22.88	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21925	22017	21900	21947	0.28	cps
Antimony	121-1	111230	109971	109492	110231	0.81	cps
Arsenic	75-2	1508	1567	1508	1527	2.24	cps
Barium	135-1	567645	564402	554054	562033	1.26	cps
Barium	137-1	979739	977783	963379	973634	0.92	cps
Beryllium	9-1	8619	9059	9442	9040	4.55	cps
Bismuth	209-1	6561537	6407578	6220979	6396698	2.67	cps
Bismuth	209-2	3780419	3881763	4134673	3932285	4.64	cps
Boron	10-1	1042	1033	1042	1039	0.46	cps
Boron	11-1	5001	5301	5026	5109	3.26	cps
Cadmium	111-1	14723	14323	14429	14492	1.43	cps
Cadmium	106-1	3501	3150	3484	3378	5.85	cps
Cadmium	108-1	958	817	879	885	8.03	cps
Calcium	43-1	42504	42796	43323	42874	0.97	cps
Calcium	44-1	704790	706816	695459	702355	0.86	cps
Chromium	52-2	69121	70029	69604	69584	0.65	cps
Cobalt	59-2	288196	287260	287617	287691	0.16	cps
Copper	63-2	109207	108357	109224	108929	0.45	cps
Dysprosium	156-1	525	442	458	475	9.28	cps
Dysprosium	156-2	330	303	300	311	5.29	cps
Erbium	164-1	508	442	550	500	10.93	cps
Erbium	164-2	243	227	240	237	3.73	cps
Gadolinium	160-1	750	658	542	650	16.06	cps
Gadolinium	160-2	360	410	423	398	8.39	cps
Holmium	165-1	10688547	10515445	10202374	10468789	2.35	cps
Holmium	165-2	5229181	5372816	5614363	5405453	3.60	cps
Indium	115-1	9299581	9179798	8903606	9127661	2.22	cps
Indium	115-2	1687225	1736656	1806641	1743507	3.44	cps
Iron	56-2	304601	302908	302323	303277	0.39	cps
Iron	57-2	7441	8403	7619	7821	6.54	cps
Lead	206-1	16772	16983	16021	16592	3.05	cps
Lead	207-1	15493	15943	14931	15456	3.28	cps
Lead	208-1	69646	69138	65643	68142	3.20	cps
Lithium	6-1	1840630	1817263	1774125	1810673	1.86	cps
Magnesium	24-2	82644	80978	80207	81276	1.53	cps
Manganese	55-2	113990	112499	115404	113964	1.27	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	400	425	422	4.97	cps
Molybdenum	95-1	233	158	267	219	25.29	cps
Molybdenum	96-1	325	308	350	328	6.40	cps
Molybdenum	97-1	133	208	142	161	25.51	cps
Molybdenum	98-1	300	408	300	336	18.61	cps
Neodymium	150-1	687	647	673	669	3.04	cps
Neodymium	150-2	287	240	290	272	10.27	cps
Nickel	60-2	75691	75074	75376	75380	0.41	cps
Phosphorus	31-2	183	225	242	217	13.87	cps
Potassium	39-2	132377	132050	135118	133182	1.26	cps
Rhodium	103-1	8498377	8350952	8200465	8349931	1.78	cps
Rhodium	103-2	3796627	3904462	4080816	3927302	3.65	cps
Scandium	45-1	6028001	5896461	5743597	5889353	2.42	cps
Scandium	45-2	250399	258052	270133	259528	3.83	cps
Selenium	77-2	123	110	93	109	13.80	cps
Selenium	78-2	494	441	498	478	6.72	cps
Selenium	82-1	2428	2346	2404	2393	1.75	cps
Silicon	28-1	3042277	3051194	3006281	3033250	0.78	cps
Silver	109-1	64297	65025	62003	63775	2.47	cps
Silver	107-1	67328	65427	64807	65854	1.99	cps
Sodium	23-2	799481	800437	795526	798481	0.33	cps
Strontium	86-1	32872	31895	31961	32243	1.69	cps
Strontium	88-1	273171	274879	267713	271921	1.38	cps
Sulfur	34-1	372058	374013	366862	370978	1.00	cps
Terbium	159-1	11157274	10964357	10693035	10938222	2.13	cps
Terbium	159-2	5262654	5418901	5665880	5449145	3.73	cps
Thallium	203-1	46759	47135	45772	46555	1.51	cps
Thallium	205-1	111970	111862	107995	110609	2.05	cps
Tin	118-1	1208	1492	1342	1347	10.52	cps
Titanium	47-1	217	225	325	256	23.59	cps
Uranium	238-1	75	100	158	111	38.49	cps
Vanadium	51-2	143982	142749	142840	143190	0.48	cps
Yttrium	89-1	9798724	9674796	9419166	9630895	2.01	cps
Yttrium	89-2	1311168	1349737	1407881	1356262	3.59	cps
Zinc	66-2	29654	28735	28501	28963	2.10	cps
Zirconium	90-1	642	733	633	669	8.29	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01SDLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA0S	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:21:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	100	233	172	39.11	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1734	1725	1667	1709	2.13	cps
Antimony	121-1	517	450	458	475	7.65	cps
Arsenic	75-2	11	22	17	17	33.33	cps
Barium	135-1	32539	33333	32497	32790	1.44	cps
Barium	137-1	55186	56976	57486	56549	2.14	cps
Beryllium	9-1	233	167	161	187	21.49	cps
Bismuth	209-1	6471848	6516692	6411639	6466726	0.82	cps
Bismuth	209-2	4068576	4224981	4275908	4189821	2.58	cps
Boron	10-1	1283	1417	1333	1345	5.01	cps
Boron	11-1	6593	6743	6685	6674	1.13	cps
Cadmium	111-1	1846	1548	1547	1647	10.49	cps
Cadmium	106-1	2559	2184	2167	2303	9.62	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	22977	22919	22810	22902	0.37	cps
Calcium	44-1	383000	382358	380719	382026	0.31	cps
Chromium	52-2	680	730	773	728	6.42	cps
Cobalt	59-2	1820	1817	1870	1836	1.63	cps
Copper	63-2	9487	9777	9693	9652	1.55	cps
Dysprosium	156-1	417	483	492	464	8.86	cps
Dysprosium	156-2	280	303	260	281	7.71	cps
Erbium	164-1	400	458	475	444	8.86	cps
Erbium	164-2	193	227	187	202	10.60	cps
Gadolinium	160-1	500	625	375	500	25.00	cps
Gadolinium	160-2	347	450	377	391	13.59	cps
Holmium	165-1	10582057	10617099	10586537	10595231	0.18	cps
Holmium	165-2	5662749	5818495	5827751	5769665	1.61	cps
Indium	115-1	9211889	9144225	9178123	9178079	0.37	cps
Indium	115-2	1821939	1872610	1873981	1856177	1.60	cps
Iron	56-2	62232	62410	62796	62479	0.46	cps
Iron	57-2	1739	1739	1595	1691	4.93	cps
Lead	206-1	3462	3534	3595	3530	1.89	cps
Lead	207-1	3206	3162	2928	3099	4.82	cps
Lead	208-1	14598	13925	14109	14211	2.45	cps
Lithium	6-1	1839599	1836763	1839825	1838729	0.09	cps
Magnesium	24-2	60841	61259	63410	61837	2.23	cps
Manganese	55-2	10174	10204	10087	10155	0.60	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	300	325	350	18.90	cps
Molybdenum	95-1	108	150	200	153	30.04	cps
Molybdenum	96-1	175	142	283	200	37.04	cps
Molybdenum	97-1	125	100	150	125	20.00	cps
Molybdenum	98-1	267	300	242	269	10.86	cps
Neodymium	150-1	580	547	580	569	3.38	cps
Neodymium	150-2	227	257	253	246	6.70	cps
Nickel	60-2	437	410	460	436	5.74	cps
Phosphorus	31-2	183	175	208	189	9.19	cps
Potassium	39-2	118193	120025	118965	119061	0.77	cps
Rhodium	103-1	8462602	8404771	8410585	8425986	0.38	cps
Rhodium	103-2	4095488	4220653	4218018	4178053	1.71	cps
Scandium	45-1	5917784	5918367	5793380	5876510	1.23	cps
Scandium	45-2	267063	282188	279769	276340	2.94	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	91	76	93	86	10.57	cps
Selenium	82-1	-30	-35	-50	-38	-27.60	cps
Silicon	28-1	2960749	2978499	2985793	2975014	0.43	cps
Silver	109-1	317	350	325	331	5.25	cps
Silver	107-1	250	275	308	278	10.53	cps
Sodium	23-2	301225	300072	300897	300731	0.20	cps
Strontium	86-1	20207	20808	20023	20346	2.02	cps
Strontium	88-1	172727	172154	172246	172376	0.18	cps
Sulfur	34-1	360841	362958	363505	362435	0.39	cps
Terbium	159-1	11141776	11027032	11074694	11081167	0.52	cps
Terbium	159-2	5677616	5851305	5856438	5795120	1.76	cps
Thallium	203-1	183	242	183	203	16.61	cps
Thallium	205-1	675	642	675	664	2.90	cps
Tin	118-1	1750	1609	1717	1692	4.38	cps
Titanium	47-1	342	325	350	339	3.76	cps
Uranium	238-1	75	100	100	92	15.75	cps
Vanadium	51-2	223	207	170	200	13.64	cps
Yttrium	89-1	9732829	9691683	9624553	9683022	0.56	cps
Yttrium	89-2	1423996	1457499	1442933	1441476	1.17	cps
Zinc	66-2	2957	3044	2987	2996	1.47	cps
Zirconium	90-1	700	525	558	594	15.63	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-02DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:25:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	142	117	122	14.19	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	158	133	16.54	cps
Antimony	121-1	292	258	408	319	24.66	cps
Arsenic	75-2	20	11	9	14	43.83	cps
Barium	135-1	30559	29399	29699	29886	2.02	cps
Barium	137-1	51965	52969	52776	52570	1.01	cps
Beryllium	9-1	150	133	167	150	11.11	cps
Bismuth	209-1	6593027	6424556	6179708	6399097	3.25	cps
Bismuth	209-2	4210425	4308888	4222511	4247274	1.26	cps
Boron	10-1	842	967	900	903	6.93	cps
Boron	11-1	4309	4034	4476	4273	5.22	cps
Cadmium	111-1	1827	1551	1416	1598	13.10	cps
Cadmium	106-1	2609	2167	2000	2259	13.92	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	42328	42654	43431	42804	1.32	cps
Calcium	44-1	695245	694040	697139	695475	0.22	cps
Chromium	52-2	673	697	650	673	3.47	cps
Cobalt	59-2	1343	1303	1383	1343	2.98	cps
Copper	63-2	6698	6391	6908	6666	3.90	cps
Dysprosium	156-1	367	367	375	369	1.30	cps
Dysprosium	156-2	243	267	287	266	8.17	cps
Erbium	164-1	392	500	417	436	13.01	cps
Erbium	164-2	193	157	253	201	24.27	cps
Gadolinium	160-1	433	483	450	456	5.59	cps
Gadolinium	160-2	373	330	380	361	7.52	cps
Holmium	165-1	10657429	10529911	10147654	10444998	2.54	cps
Holmium	165-2	5773543	5860446	5794211	5809400	0.78	cps
Indium	115-1	9301504	9123043	8920295	9114948	2.09	cps
Indium	115-2	1858154	1886043	1876294	1873497	0.76	cps
Iron	56-2	7085	6857	6868	6937	1.85	cps
Iron	57-2	411	350	283	348	18.36	cps
Lead	206-1	1572	1550	1511	1545	2.00	cps
Lead	207-1	1561	1378	1395	1445	7.02	cps
Lead	208-1	6884	6562	6340	6595	4.15	cps
Lithium	6-1	1849363	1832550	1794833	1825582	1.53	cps
Magnesium	24-2	72266	72048	73974	72763	1.45	cps
Manganese	55-2	6391	6091	6085	6189	2.83	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	342	392	350	10.91	cps
Molybdenum	95-1	233	200	192	208	10.58	cps
Molybdenum	96-1	142	233	267	214	30.26	cps
Molybdenum	97-1	150	150	142	147	3.27	cps
Molybdenum	98-1	358	267	275	300	16.90	cps
Neodymium	150-1	593	593	547	578	4.66	cps
Neodymium	150-2	253	210	183	216	16.39	cps
Nickel	60-2	307	293	240	280	12.60	cps
Phosphorus	31-2	192	158	217	189	15.49	cps
Potassium	39-2	121191	119780	119435	120135	0.77	cps
Rhodium	103-1	8473320	8340051	8120446	8311272	2.14	cps
Rhodium	103-2	4170509	4267144	4224033	4220562	1.15	cps
Scandium	45-1	5973767	5867544	5615553	5818955	3.16	cps
Scandium	45-2	277434	284601	282302	281446	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	91	106	96	8.39	cps
Selenium	82-1	-59	-36	-40	-45	-27.21	cps
Silicon	28-1	2549284	2553398	2551634	2551439	0.08	cps
Silver	109-1	267	225	283	258	11.63	cps
Silver	107-1	275	308	342	308	10.81	cps
Sodium	23-2	446111	445404	447340	446285	0.22	cps
Strontium	86-1	26450	26726	26200	26459	0.99	cps
Strontium	88-1	224370	223447	224530	224116	0.26	cps
Sulfur	34-1	371515	367002	364161	367559	1.01	cps
Terbium	159-1	11184917	11057548	10791548	11011337	1.82	cps
Terbium	159-2	5779817	5879914	5878050	5845927	0.98	cps
Thallium	203-1	275	308	233	272	13.80	cps
Thallium	205-1	658	692	567	639	10.13	cps
Tin	118-1	1250	1092	1208	1183	6.94	cps
Titanium	47-1	333	300	325	319	5.43	cps
Uranium	238-1	75	67	33	58	37.80	cps
Vanadium	51-2	170	143	167	160	9.08	cps
Yttrium	89-1	9746670	9633341	9390476	9590162	1.90	cps
Yttrium	89-2	1444192	1474338	1467346	1461958	1.08	cps
Zinc	66-2	547	580	610	579	5.47	cps
Zirconium	90-1	767	725	558	683	16.13	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-03DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:29:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	108	142	26.96	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	175	192	178	7.16	cps
Antimony	121-1	325	358	400	361	10.41	cps
Arsenic	75-2	17	11	19	15	24.99	cps
Barium	135-1	30903	31311	31512	31242	0.99	cps
Barium	137-1	55102	55068	55068	55080	0.04	cps
Beryllium	9-1	167	139	194	167	16.67	cps
Bismuth	209-1	6493406	6524912	6420451	6479589	0.83	cps
Bismuth	209-2	4237287	4245904	4214193	4232461	0.39	cps
Boron	10-1	867	908	925	900	3.34	cps
Boron	11-1	4492	4167	4292	4317	3.80	cps
Cadmium	111-1	1571	1639	1899	1703	10.16	cps
Cadmium	106-1	2225	2334	2675	2411	9.74	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	39821	40874	40724	40473	1.41	cps
Calcium	44-1	667225	669810	664464	667167	0.40	cps
Chromium	52-2	633	667	703	668	5.24	cps
Cobalt	59-2	337	340	303	327	6.21	cps
Copper	63-2	4514	4527	4424	4489	1.25	cps
Dysprosium	156-1	133	208	150	164	24.03	cps
Dysprosium	156-2	130	127	160	139	13.22	cps
Erbium	164-1	192	200	283	225	22.53	cps
Erbium	164-2	130	143	87	120	24.69	cps
Gadolinium	160-1	183	167	275	208	28.00	cps
Gadolinium	160-2	247	190	137	191	28.78	cps
Holmium	165-1	10597177	10470580	10479156	10515638	0.67	cps
Holmium	165-2	5776317	5774617	5787139	5779358	0.12	cps
Indium	115-1	9179343	9089210	9129796	9132783	0.49	cps
Indium	115-2	1865577	1840264	1852447	1852762	0.68	cps
Iron	56-2	4084	3684	3940	3902	5.19	cps
Iron	57-2	283	261	250	265	6.41	cps
Lead	206-1	1367	1345	1578	1430	9.01	cps
Lead	207-1	1372	1372	1322	1356	2.13	cps
Lead	208-1	5867	5756	5845	5823	1.01	cps
Lithium	6-1	1845316	1815084	1846863	1835754	0.98	cps
Magnesium	24-2	78239	77517	77576	77777	0.52	cps
Manganese	55-2	73	73	60	69	11.17	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	417	367	475	30.84	cps
Molybdenum	95-1	233	108	108	150	48.11	cps
Molybdenum	96-1	192	258	208	219	15.81	cps
Molybdenum	97-1	75	100	108	94	18.37	cps
Molybdenum	98-1	133	158	167	153	11.36	cps
Neodymium	150-1	220	213	160	198	16.63	cps
Neodymium	150-2	93	77	87	86	9.81	cps
Nickel	60-2	200	153	223	192	18.54	cps
Phosphorus	31-2	333	333	275	314	10.73	cps
Potassium	39-2	121385	122148	120923	121485	0.51	cps
Rhodium	103-1	8430225	8339862	8355456	8375181	0.58	cps
Rhodium	103-2	4200105	4177334	4173388	4183609	0.34	cps
Scandium	45-1	5901676	5752240	5825615	5826510	1.28	cps
Scandium	45-2	278890	273130	280412	277477	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	109	98	101	7.66	cps
Selenium	82-1	-8	-17	58	11	380.54	cps
Silicon	28-1	2541333	2532769	2547740	2540614	0.30	cps
Silver	109-1	267	258	283	269	4.72	cps
Silver	107-1	317	325	350	331	5.25	cps
Sodium	23-2	614798	610450	618422	614556	0.65	cps
Strontium	86-1	27728	27995	27452	27725	0.98	cps
Strontium	88-1	236017	237079	235564	236220	0.33	cps
Sulfur	34-1	367606	370920	366098	368208	0.67	cps
Terbium	159-1	11079519	11075710	11051949	11069059	0.13	cps
Terbium	159-2	5810500	5859453	5787511	5819154	0.63	cps
Thallium	203-1	217	192	183	197	8.80	cps
Thallium	205-1	633	517	592	581	10.18	cps
Tin	118-1	1425	1125	1625	1392	18.08	cps
Titanium	47-1	242	250	342	278	19.98	cps
Uranium	238-1	75	75	75	75	0.00	cps
Vanadium	51-2	97	203	143	148	36.18	cps
Yttrium	89-1	9694458	9583459	9561172	9613030	0.74	cps
Yttrium	89-2	1447664	1436169	1436458	1440097	0.46	cps
Zinc	66-2	1040	933	1077	1017	7.32	cps
Zirconium	90-1	1075	1333	1117	1175	11.80	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-04DLX10	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	10
Date & Time Acquired ::	2018-02-16 11:32:34	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	250	217	236	7.35	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5732917	5724449	5700458	5719275	0.29	cps
Antimony	121-1	5222549	5238179	5287544	5249424	0.65	cps
Arsenic	75-2	185550	184116	186492	185386	0.65	cps
Barium	135-1	6412563	6372266	6447596	6410808	0.59	cps
Barium	137-1	11085359	11025299	11103772	11071477	0.37	cps
Beryllium	9-1	868006	868700	864283	866996	0.27	cps
Bismuth	209-1	5763757	5789153	5819672	5790860	0.48	cps
Bismuth	209-2	3701272	3683424	3719465	3701387	0.49	cps
Boron	10-1	102529	104871	108068	105156	2.64	cps
Boron	11-1	522804	531322	538645	530923	1.49	cps
Cadmium	111-1	1184655	1180661	1189171	1184829	0.36	cps
Cadmium	106-1	131025	129748	130453	130409	0.49	cps
Cadmium	108-1	88474	88436	89874	88928	0.92	cps
Calcium	43-1	8216372	8280087	8291774	8262744	0.49	cps
Calcium	44-1	134450470	134491220	135044545	134662078	0.25	cps
Chromium	52-2	1748762	1762642	1749754	1753719	0.44	cps
Cobalt	59-2	2720351	2712015	2740322	2724229	0.53	cps
Copper	63-2	3814842	3828453	3842932	3828742	0.37	cps
Dysprosium	156-1	133	92	100	108	20.35	cps
Dysprosium	156-2	60	53	83	66	24.04	cps
Erbium	164-1	133	58	50	81	56.97	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	50	167	108	108	53.85	cps
Gadolinium	160-2	100	87	107	98	10.41	cps
Holmium	165-1	10236664	10210168	10245265	10230699	0.18	cps
Holmium	165-2	5552514	5506895	5561158	5540189	0.53	cps
Indium	115-1	8405298	8444496	8451323	8433706	0.29	cps
Indium	115-2	1705002	1688654	1702432	1698696	0.52	cps
Iron	56-2	351587252	351563630	352997030	352049304	0.23	cps
Iron	57-2	8669411	8648078	8736740	8684743	0.53	cps
Lead	206-1	3507384	3447656	3470481	3475174	0.87	cps
Lead	207-1	3252416	3230225	3216978	3233207	0.55	cps
Lead	208-1	14639508	14603392	14573591	14605497	0.23	cps
Lithium	6-1	1737098	1739640	1733970	1736903	0.16	cps
Magnesium	24-2	65816129	65504124	65382222	65567492	0.34	cps
Manganese	55-2	1946290	1961221	1971972	1959827	0.66	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11023658	11093081	11066056	11060932	0.32	cps
Molybdenum	95-1	13562922	13623160	13568536	13584873	0.24	cps
Molybdenum	96-1	15070348	15030082	15025521	15041984	0.16	cps
Molybdenum	97-1	8376253	8438691	8404628	8406524	0.37	cps
Molybdenum	98-1	21577057	21747438	21860345	21728280	0.66	cps
Neodymium	150-1	313	393	340	349	11.67	cps
Neodymium	150-2	67	47	90	68	32.00	cps
Nickel	60-2	707003	703566	710074	706881	0.46	cps
Phosphorus	31-2	58775	58365	59679	58940	1.14	cps
Potassium	39-2	32940812	32878659	32908154	32909208	0.09	cps
Rhodium	103-1	7519124	7548388	7589976	7552496	0.47	cps
Rhodium	103-2	3705480	3672117	3696153	3691250	0.47	cps
Scandium	45-1	5715123	5757232	5799359	5757238	0.73	cps
Scandium	45-2	272569	267833	270706	270370	0.88	cps
Selenium	77-2	3691	3854	3644	3729	2.96	cps
Selenium	78-2	12415	12289	12885	12530	2.51	cps
Selenium	82-1	77170	76152	76705	76676	0.67	cps
Silicon	28-1	3834629	3870011	3902893	3869178	0.88	cps
Silver	109-1	5699194	5714763	5764532	5726163	0.60	cps
Silver	107-1	6035481	6040905	6040906	6039097	0.05	cps
Sodium	23-2	126364382	125994199	126884982	126414521	0.35	cps
Strontium	86-1	1784696	1775088	1814453	1791412	1.15	cps
Strontium	88-1	15889423	15750508	16003178	15881036	0.80	cps
Sulfur	34-1	829963	839919	830070	833317	0.69	cps
Terbium	159-1	10693273	10698734	10719850	10703952	0.13	cps
Terbium	159-2	5564720	5545433	5537077	5549077	0.26	cps
Thallium	203-1	4364021	4345650	4374625	4361432	0.34	cps
Thallium	205-1	10515632	10388090	10420705	10441476	0.63	cps
Tin	118-1	4294016	4303011	4284369	4293799	0.22	cps
Titanium	47-1	3867479	3887450	3898088	3884339	0.40	cps
Uranium	238-1	16094401	15963045	15795963	15951136	0.94	cps
Vanadium	51-2	1461992	1453431	1458928	1458117	0.30	cps
Yttrium	89-1	9290742	9329725	9388775	9336414	0.53	cps
Yttrium	89-2	1396986	1381133	1384622	1387580	0.60	cps
Zinc	66-2	495721	497931	502157	498603	0.66	cps
Zirconium	90-1	9310803	9389738	9332061	9344201	0.44	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:38:19	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2041362	2052902	2049932	2048065	0.29	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	325	292	300	7.35	cps
Antimony	121-1	6944	7260	7544	7249	4.14	cps
Arsenic	75-2	28	22	37	29	25.80	cps
Barium	135-1	117	100	133	117	14.28	cps
Barium	137-1	183	208	133	175	21.82	cps
Beryllium	9-1	228	156	161	181	22.15	cps
Bismuth	209-1	6320301	6448448	6485649	6418133	1.35	cps
Bismuth	209-2	4111920	4132138	4124700	4122920	0.25	cps
Boron	10-1	1900	1600	1558	1686	11.06	cps
Boron	11-1	8194	8086	7686	7989	3.35	cps
Cadmium	111-1	1709	1806	1984	1833	7.60	cps
Cadmium	106-1	2367	2542	2775	2561	8.00	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	383	308	425	372	15.88	cps
Calcium	44-1	16802	17536	15976	16771	4.65	cps
Chromium	52-2	630	737	690	686	7.80	cps
Cobalt	59-2	140	120	157	139	13.22	cps
Copper	63-2	2997	3027	3080	3035	1.39	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	27	17	17	20	28.86	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	47	53	53	51	7.52	cps
Holmium	165-1	10290950	10613372	10590897	10498406	1.71	cps
Holmium	165-2	5666100	5644834	5632434	5647790	0.30	cps
Indium	115-1	9068030	9173667	9233973	9158557	0.92	cps
Indium	115-2	1836475	1828760	1834675	1833303	0.22	cps
Iron	56-2	18773	18629	18379	18594	1.07	cps
Iron	57-2	561	622	567	583	5.79	cps
Lead	206-1	1356	1306	1300	1320	2.32	cps
Lead	207-1	1195	1172	1117	1161	3.45	cps
Lead	208-1	5006	5273	5173	5151	2.62	cps
Lithium	6-1	1832549	1861588	1867197	1853778	1.00	cps
Magnesium	24-2	1458	1550	1667	1558	6.70	cps
Manganese	55-2	50	80	67	66	22.93	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2425	2167	2209	2267	6.12	cps
Molybdenum	95-1	2759	2625	2750	2711	2.76	cps
Molybdenum	96-1	3534	3009	3242	3262	8.07	cps
Molybdenum	97-1	2050	1825	1959	1945	5.82	cps
Molybdenum	98-1	4851	4184	4042	4359	9.91	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	73	63	69	7.39	cps
Phosphorus	31-2	258	258	208	242	11.95	cps
Potassium	39-2	39896	39094	39086	39359	1.18	cps
Rhodium	103-1	8283622	8453540	8437657	8391606	1.12	cps
Rhodium	103-2	4095499	4110417	4081249	4095722	0.36	cps
Scandium	45-1	5877471	5997014	6023545	5966010	1.30	cps
Scandium	45-2	273036	269975	268917	270643	0.79	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	113	85	83	94	17.69	cps
Selenium	82-1	29	-53	-46	-23	-192.35	cps
Silicon	28-1	295497	293208	294462	294389	0.39	cps
Silver	109-1	317	283	300	300	5.55	cps
Silver	107-1	367	250	308	308	18.92	cps
Sodium	23-2	46013	46063	45729	45935	0.39	cps
Strontium	86-1	550	542	550	547	0.88	cps
Strontium	88-1	308	300	292	300	2.78	cps
Sulfur	34-1	360259	365032	363265	362852	0.67	cps
Terbium	159-1	10840770	11010920	11088248	10979979	1.15	cps
Terbium	159-2	5697867	5710003	5688951	5698940	0.19	cps
Thallium	203-1	908	908	817	878	6.03	cps
Thallium	205-1	2417	2059	2292	2256	8.06	cps
Tin	118-1	2842	2525	2517	2628	7.05	cps
Titanium	47-1	292	267	258	272	6.37	cps
Uranium	238-1	317	325	350	331	5.25	cps
Vanadium	51-2	23	30	27	27	12.51	cps
Yttrium	89-1	9521850	9760697	9752982	9678510	1.40	cps
Yttrium	89-2	1429969	1423851	1423274	1425698	0.26	cps
Zinc	66-2	177	150	147	158	10.42	cps
Zirconium	90-1	2117	2259	2225	2200	3.37	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:44:14	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	550	633	561	12.00	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5001	4884	5059	4982	1.79	cps
Antimony	121-1	4259	3717	4001	3992	6.79	cps
Arsenic	75-2	69	89	98	85	17.79	cps
Barium	135-1	413816	406167	406504	408829	1.06	cps
Barium	137-1	703722	707614	706766	706034	0.29	cps
Beryllium	9-1	767	556	756	693	17.15	cps
Bismuth	209-1	7081101	6930348	6990333	7000594	1.08	cps
Bismuth	209-2	4281867	4268753	4216335	4255652	0.81	cps
Boron	10-1	7344	7202	7502	7349	2.04	cps
Boron	11-1	36420	37573	37272	37088	1.61	cps
Cadmium	111-1	1982	1995	2292	2090	8.37	cps
Cadmium	106-1	2375	2384	2617	2459	5.58	cps
Cadmium	108-1	38	33	46	39	16.37	cps
Calcium	43-1	461437	454599	451742	455926	1.09	cps
Calcium	44-1	7617591	7517133	7567096	7567273	0.66	cps
Chromium	52-2	1263	1223	1237	1241	1.64	cps
Cobalt	59-2	29567	29707	29400	29558	0.52	cps
Copper	63-2	14674	14891	15191	14919	1.74	cps
Dysprosium	156-1	5560	5726	5635	5640	1.48	cps
Dysprosium	156-2	3344	3010	2957	3104	6.75	cps
Erbium	164-1	5376	5068	5001	5148	3.89	cps
Erbium	164-2	2670	2364	2607	2547	6.36	cps
Gadolinium	160-1	5843	6318	5902	6021	4.30	cps
Gadolinium	160-2	3611	3504	3511	3542	1.69	cps
Holmium	165-1	11337793	11123974	11193009	11218258	0.97	cps
Holmium	165-2	5855803	5864528	5811162	5843831	0.49	cps
Indium	115-1	10204515	10039404	10158472	10134130	0.84	cps
Indium	115-2	1957399	1951943	1946696	1952013	0.27	cps
Iron	56-2	185720	187047	188014	186927	0.62	cps
Iron	57-2	5396	5396	5379	5390	0.18	cps
Lead	206-1	5162	5084	5262	5170	1.72	cps
Lead	207-1	4901	4362	4356	4540	6.89	cps
Lead	208-1	21302	20023	19851	20392	3.89	cps
Lithium	6-1	2066875	2064086	2068362	2066441	0.11	cps
Magnesium	24-2	872371	873550	870079	872000	0.20	cps
Manganese	55-2	169847	169884	172029	170586	0.73	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1250	1200	1408	1286	8.46	cps
Molybdenum	95-1	1108	1175	1217	1167	4.68	cps
Molybdenum	96-1	1392	1592	1483	1489	6.72	cps
Molybdenum	97-1	892	708	625	742	18.39	cps
Molybdenum	98-1	1884	1967	1867	1906	2.81	cps
Neodymium	150-1	6408	6742	6862	6671	3.52	cps
Neodymium	150-2	2807	2737	2527	2690	5.42	cps
Nickel	60-2	5054	5074	4751	4960	3.65	cps
Phosphorus	31-2	175	167	142	161	10.77	cps
Potassium	39-2	1104884	1093790	1093095	1097256	0.60	cps
Rhodium	103-1	9054176	8891926	8970227	8972110	0.90	cps
Rhodium	103-2	4245363	4246308	4221220	4237630	0.34	cps
Scandium	45-1	6480301	6317273	6366756	6388110	1.31	cps
Scandium	45-2	292549	287604	286966	289040	1.06	cps
Selenium	77-2	107	103	100	103	3.23	cps
Selenium	78-2	343	389	404	378	8.42	cps
Selenium	82-1	1961	2003	1960	1975	1.25	cps
Silicon	28-1	26419193	26221037	26055859	26232030	0.69	cps
Silver	109-1	2009	2159	2359	2175	8.07	cps
Silver	107-1	2559	2325	2284	2389	6.20	cps
Sodium	23-2	8655717	8565032	8569053	8596601	0.60	cps
Strontium	86-1	340377	331765	334565	335569	1.31	cps
Strontium	88-1	2985102	2945932	2954430	2961821	0.70	cps
Sulfur	34-1	584940	579014	576311	580089	0.76	cps
Terbium	159-1	11974142	11692716	11740169	11802342	1.28	cps
Terbium	159-2	5911286	5882343	5876775	5890135	0.31	cps
Thallium	203-1	2275	1809	1483	1856	21.45	cps
Thallium	205-1	5676	4593	3451	4573	24.34	cps
Tin	118-1	3334	3234	3384	3317	2.30	cps
Titanium	47-1	725	642	800	722	10.97	cps
Uranium	238-1	775	958	900	878	10.67	cps
Vanadium	51-2	757	767	783	769	1.75	cps
Yttrium	89-1	10613691	10474734	10494354	10527593	0.71	cps
Yttrium	89-2	1492614	1502301	1493399	1496105	0.36	cps
Zinc	66-2	32242	32460	32112	32271	0.54	cps
Zirconium	90-1	1475	1400	1500	1458	3.57	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	J1542-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AA0A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 11:51:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	342	283	328	12.01	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5810763	5882906	5788198	5827289	0.85	cps
Antimony	121-1	5083076	5137589	5146987	5122551	0.67	cps
Arsenic	75-2	185037	189343	186326	186902	1.18	cps
Barium	135-1	6252922	6284726	6301256	6279635	0.39	cps
Barium	137-1	10749850	10875331	10881339	10835507	0.69	cps
Beryllium	9-1	872176	871787	868033	870665	0.26	cps
Bismuth	209-1	5581414	5618638	5889946	5696666	2.96	cps
Bismuth	209-2	3651615	3787113	3671215	3703314	1.98	cps
Boron	10-1	104711	105926	105710	105449	0.61	cps
Boron	11-1	519908	537242	535177	530776	1.78	cps
Cadmium	111-1	1160833	1168500	1173186	1167506	0.53	cps
Cadmium	106-1	126175	129099	128302	127859	1.18	cps
Cadmium	108-1	86423	87929	87153	87168	0.86	cps
Calcium	43-1	8156658	8176262	8123661	8152194	0.33	cps
Calcium	44-1	131864120	132605915	133073407	132514481	0.46	cps
Chromium	52-2	1783890	1809815	1792594	1795433	0.73	cps
Cobalt	59-2	2752849	2776496	2746322	2758556	0.58	cps
Copper	63-2	3843455	3902042	3865943	3870480	0.76	cps
Dysprosium	156-1	125	208	167	167	25.00	cps
Dysprosium	156-2	63	97	50	70	34.34	cps
Erbium	164-1	50	50	125	75	57.74	cps
Erbium	164-2	20	40	27	29	35.25	cps
Gadolinium	160-1	125	83	117	108	20.35	cps
Gadolinium	160-2	80	100	117	99	18.57	cps
Holmium	165-1	9975965	10027424	10390641	10131343	2.23	cps
Holmium	165-2	5461986	5689355	5552275	5567872	2.06	cps
Indium	115-1	8349203	8354576	8668390	8457390	2.16	cps
Indium	115-2	1695713	1748345	1711092	1718384	1.57	cps
Iron	56-2	356061797	356987052	354944252	355997701	0.29	cps
Iron	57-2	8803288	8857808	8734887	8798661	0.70	cps
Lead	206-1	3377430	3368932	3370179	3372180	0.14	cps
Lead	207-1	3116412	3146925	3133930	3132422	0.49	cps
Lead	208-1	14133903	14195690	14215523	14181705	0.30	cps
Lithium	6-1	1771405	1746279	1788956	1768880	1.21	cps
Magnesium	24-2	66008231	67079858	65394601	66160897	1.29	cps
Manganese	55-2	1975414	2001255	1989106	1988592	0.65	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10865840	10872784	10813018	10850548	0.30	cps
Molybdenum	95-1	13400476	13348078	13272620	13340391	0.48	cps
Molybdenum	96-1	14787153	14788400	14766761	14780771	0.08	cps
Molybdenum	97-1	8249685	8291508	8248559	8263251	0.30	cps
Molybdenum	98-1	21283312	21347457	21389850	21340206	0.25	cps
Neodymium	150-1	480	507	347	444	19.29	cps
Neodymium	150-2	47	60	77	61	24.60	cps
Nickel	60-2	716320	723360	720226	719969	0.49	cps
Phosphorus	31-2	58809	59486	60031	59442	1.03	cps
Potassium	39-2	33272631	33487632	33094055	33284773	0.59	cps
Rhodium	103-1	7498847	7539148	7732519	7590171	1.65	cps
Rhodium	103-2	3683774	3792989	3728610	3735124	1.47	cps
Scandium	45-1	5744893	5749347	5976464	5823568	2.27	cps
Scandium	45-2	269573	279411	271002	273329	1.94	cps
Selenium	77-2	3724	3627	3701	3684	1.37	cps
Selenium	78-2	13110	12607	12765	12827	2.00	cps
Selenium	82-1	75186	75372	75401	75320	0.15	cps
Silicon	28-1	3731937	3780431	3767479	3759949	0.67	cps
Silver	109-1	5599884	5641190	5659804	5633626	0.54	cps
Silver	107-1	5912115	5949499	5907808	5923141	0.39	cps
Sodium	23-2	127582003	129314153	127903953	128266703	0.72	cps
Strontium	86-1	1756612	1771048	1763462	1763707	0.41	cps
Strontium	88-1	15565195	15715483	15594547	15625075	0.51	cps
Sulfur	34-1	822745	830400	828619	827255	0.48	cps
Terbium	159-1	10539122	10486455	10895452	10640343	2.09	cps
Terbium	159-2	5490675	5701521	5527436	5573211	2.02	cps
Thallium	203-1	4206221	4243206	4276217	4241881	0.83	cps
Thallium	205-1	10236638	10167355	10248068	10217354	0.43	cps
Tin	118-1	4165531	4185104	4188197	4179611	0.29	cps
Titanium	47-1	3839731	3846169	3850570	3845490	0.14	cps
Uranium	238-1	15392483	15352905	15586113	15443834	0.81	cps
Vanadium	51-2	1480336	1496087	1481758	1486060	0.59	cps
Yttrium	89-1	9264699	9308658	9578175	9383844	1.81	cps
Yttrium	89-2	1384686	1430419	1397202	1404102	1.68	cps
Zinc	66-2	499142	502842	502348	501444	0.40	cps
Zirconium	90-1	9131505	9219138	9174621	9175088	0.48	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:02:42	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1982927	2017595	1999910	2000144	0.87	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	350	233	286	20.66	cps
Antimony	121-1	14516	13549	13173	13746	5.04	cps
Arsenic	75-2	56	39	54	49	18.50	cps
Barium	135-1	200	108	117	142	35.78	cps
Barium	137-1	275	208	250	244	13.78	cps
Beryllium	9-1	167	156	278	200	33.79	cps
Bismuth	209-1	6083862	6241642	6172866	6166123	1.28	cps
Bismuth	209-2	3901923	4203965	3929901	4011930	4.16	cps
Boron	10-1	3292	2434	2184	2636	22.05	cps
Boron	11-1	14307	13665	12489	13487	6.84	cps
Cadmium	111-1	1594	1639	1771	1668	5.51	cps
Cadmium	106-1	2259	2300	2467	2342	4.71	cps
Cadmium	108-1	17	25	8	17	50.01	cps
Calcium	43-1	375	333	258	322	18.35	cps
Calcium	44-1	16743	16602	16493	16613	0.76	cps
Chromium	52-2	677	657	717	683	4.47	cps
Cobalt	59-2	133	127	160	140	12.60	cps
Copper	63-2	2840	2797	2677	2771	3.05	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	53	47	60	53	12.50	cps
Holmium	165-1	9939082	10175100	10252658	10122280	1.61	cps
Holmium	165-2	5407546	5785607	5422237	5538463	3.87	cps
Indium	115-1	8756268	8932365	8993145	8893926	1.38	cps
Indium	115-2	1770731	1879703	1781358	1810597	3.32	cps
Iron	56-2	28556	26040	24493	26363	7.78	cps
Iron	57-2	794	756	722	757	4.77	cps
Lead	206-1	1383	1411	1356	1383	2.01	cps
Lead	207-1	1356	1289	1172	1272	7.29	cps
Lead	208-1	5823	5545	5756	5708	2.54	cps
Lithium	6-1	1801026	1833591	1828098	1820905	0.96	cps
Magnesium	24-2	1092	1133	1075	1100	2.73	cps
Manganese	55-2	37	57	47	47	21.43	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3734	3376	3075	3395	9.71	cps
Molybdenum	95-1	5501	5009	4734	5082	7.65	cps
Molybdenum	96-1	5976	5468	5601	5682	4.64	cps
Molybdenum	97-1	3576	3067	2817	3153	12.26	cps
Molybdenum	98-1	9704	7777	7419	8300	14.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	33	90	59	48.81	cps
Phosphorus	31-2	175	192	250	206	19.16	cps
Potassium	39-2	42169	42203	41191	41855	1.37	cps
Rhodium	103-1	8072270	8309393	8295426	8225696	1.62	cps
Rhodium	103-2	3960127	4197630	3984451	4047403	3.23	cps
Scandium	45-1	5718175	5843425	5894577	5818726	1.56	cps
Scandium	45-2	259354	283742	262054	268383	4.98	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	107	93	93	98	8.77	cps
Selenium	82-1	18	24	-6	12	131.44	cps
Silicon	28-1	297770	294451	296195	296139	0.56	cps
Silver	109-1	325	333	367	342	6.45	cps
Silver	107-1	367	367	317	350	8.25	cps
Sodium	23-2	52368	53823	51146	52445	2.55	cps
Strontium	86-1	533	458	592	528	12.67	cps
Strontium	88-1	400	333	217	317	29.30	cps
Sulfur	34-1	356882	359965	358707	358518	0.43	cps
Terbium	159-1	10523242	10666682	10704560	10631495	0.90	cps
Terbium	159-2	5456072	5830441	5476913	5587809	3.77	cps
Thallium	203-1	1275	1392	1108	1258	11.32	cps
Thallium	205-1	3209	2584	2734	2842	11.48	cps
Tin	118-1	3509	3542	3284	3445	4.08	cps
Titanium	47-1	258	367	292	306	18.16	cps
Uranium	238-1	567	592	450	536	14.10	cps
Vanadium	51-2	30	17	13	20	44.10	cps
Yttrium	89-1	9270253	9535934	9512355	9439514	1.56	cps
Yttrium	89-2	1376950	1468467	1387238	1410885	3.55	cps
Zinc	66-2	143	170	173	162	10.13	cps
Zirconium	90-1	1775	1984	1742	1834	7.14	cps

LB Number :	LB93331	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-02-16 12:06:46	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	392	342	403	16.72	cps