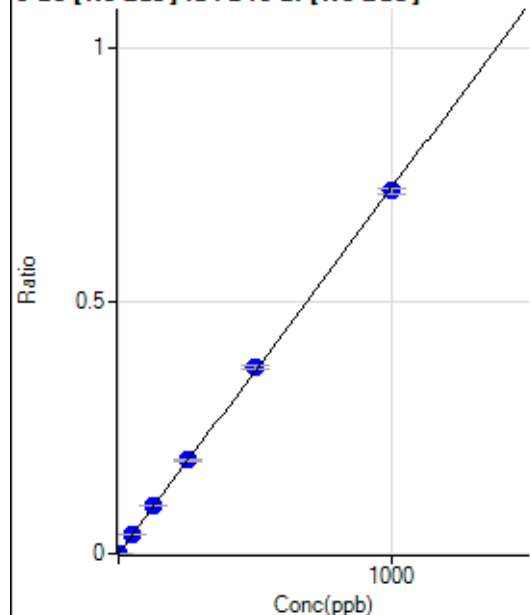


Batch Folder: D:\ICP-MS Data\P70302318 -MS.b\
Analysis File: P70302318 -MS.batch.bin
DA Date-Time: 2018-03-26 09:44:35
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-03-23 16:05:55
2			
3	005CALS.d	S02	2018-03-23 16:14:12
4	006CALS.d	S03	2018-03-23 16:18:05
5	007CALS.d	S04	2018-03-23 16:22:13
6	008CALS.d	S05	2018-03-23 16:26:01
7	009CALS.d	S06	2018-03-23 16:29:47
8	010CALS.d	S07	2018-03-23 16:33:31
9	011CALS.d	S08	2018-03-23 16:37:16

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	26.6
2	☐	0.100					
3	☐	1.000	0.905	1809.42	0.0007	P	7.4
4	☐	50.000	52.431	103160.08	0.0380	P	2.8
5	☐	125.000	130.763	250668.89	0.0946	P	2.3
6	☐	250.000	256.349	492052.01	0.1855	P	2.4
7	☐	500.000	510.878	1005442.52	0.3696	P	1.4
8	☐	1000.000	992.132	1907042.74	0.7177	P	1.4
9	☐			407.42	0.0001	P	7.8

$$y = 7.2337\text{E-}004 * x + 3.1775\text{E-}005$$

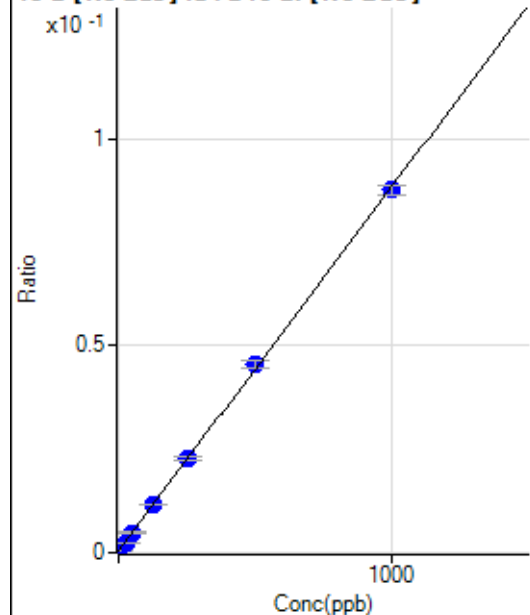
$$R = 0.9999$$

$$DL = 0.03502$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1233.44	0.0005	P	7.0
2	☐	2.500					
3	☐	25.000	22.844	6535.03	0.0025	P	0.7
4	☐	50.000	49.827	13161.77	0.0048	P	3.4
5	☐	125.000	126.710	30704.36	0.0116	P	0.6
6	☐	250.000	255.067	60633.72	0.0229	P	3.1
7	☐	500.000	512.352	123643.06	0.0454	P	4.2
8	☐	1000.000	992.406	232658.41	0.0876	P	2.7
9	☐			7741.23	0.0027	P	22.0

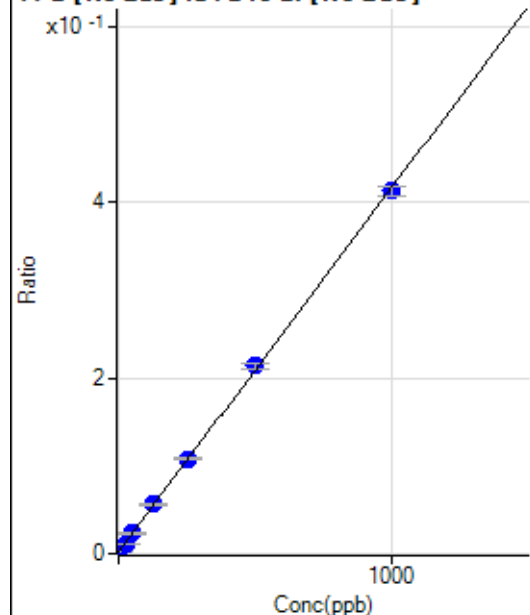
$$y = 8.7767\text{E-}005 * x + 4.7031\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.13$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5570.71	0.0021	P	6.0
2	☐	2.500					
3	☐	25.000	22.739	30459.46	0.0115	P	3.3
4	☐	50.000	50.676	62817.30	0.0231	P	2.7
5	☐	125.000	129.776	148008.34	0.0559	P	2.0
6	☐	250.000	256.033	286957.65	0.1082	P	2.9
7	☐	500.000	511.611	582321.18	0.2140	P	2.8
8	☐	1000.000	992.112	1097388.34	0.4130	P	2.5
9	☐			35515.53	0.0126	P	18.3

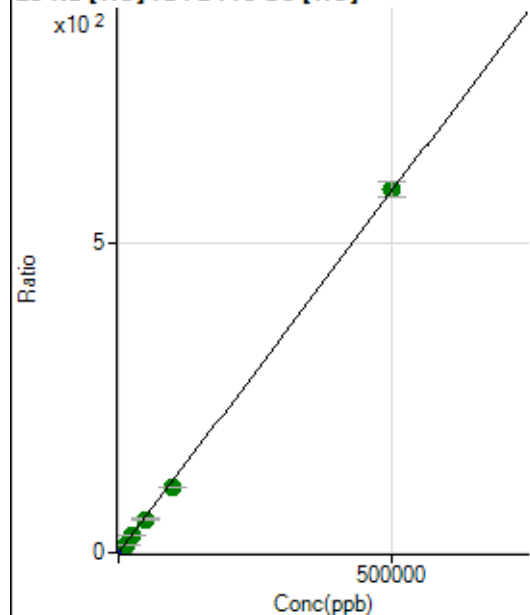
$$y = 4.1419\text{E-}004 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 0.9257$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34011.72	0.0645	P	1.6
2	☐	50.000					
3	☐	500.000	423.316	277115.06	0.5589	P	0.9
4	☐	5000.000	4702.276	2956086.96	5.5556	P	2.0
5	☐	12500.000	11694.992	6990098.94	13.7213	A	2.0
6	☐	25000.000	23240.650	13895712.46	27.2037	A	1.6
7	☐	50000.000	46115.633	28135889.17	53.9160	A	1.9
8	☐	100000.00	91197.977	53114955.36	106.5608	A	1.3
9	☐	500000.00	502259.98	304350931.8	586.5775	A	4.1

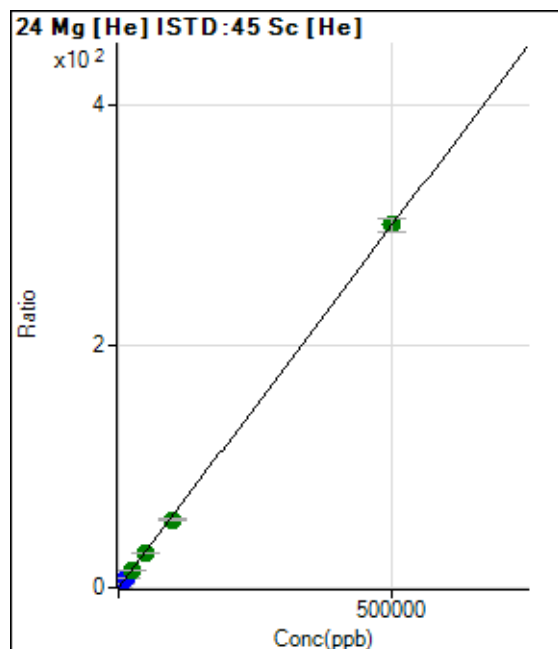
$$y = 0.0012 * x + 0.0645$$

$$R = 0.9998$$

$$DL = 2.681$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0003	P	22.0
2	☐	50.000					
3	☐	500.000	440.717	131097.96	0.2644	P	0.8
4	☐	5000.000	4896.651	1561329.65	2.9342	P	2.1
5	☐	12500.000	12254.239	3740770.44	7.3427	P	2.4
6	☐	25000.000	24101.268	7376623.43	14.4411	A	1.4
7	☐	50000.000	47599.764	14884514.57	28.5207	A	1.3
8	☐	100000.00	93862.933	28033033.61	56.2402	A	1.2
9	☐	500000.00	501519.61	155937043.7	300.4959	A	3.7

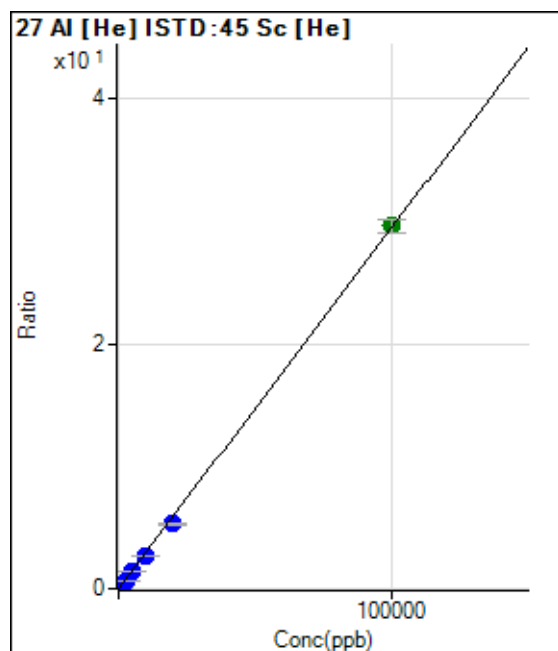
$$y = 5.9917\text{E-}004 * x + 3.2144\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3534$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0003	P	28.1
2	☐	2.000					
3	☐	20.000	16.452	2528.08	0.0051	P	4.1
4	☐	1000.000	929.709	145858.20	0.2742	P	2.3
5	☐	2500.000	2290.484	343929.46	0.6751	P	2.1
6	☐	5000.000	4600.217	692412.92	1.3556	P	2.1
7	☐	10000.000	9053.909	1392065.11	2.6677	P	2.3
8	☐	20000.000	17966.287	2638468.61	5.2934	P	1.4
9	☐	100000.00	100527.28	15367672.92	29.6172	A	4.0

$$y = 2.9462\text{E-}004 * x + 2.5339\text{E-}004$$

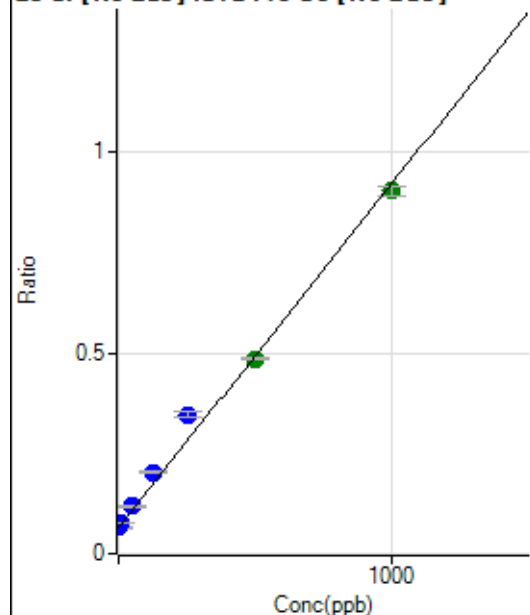
$$R = 0.9998$$

$$DL = 0.7251$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	504467.75	0.0649	P	1.4
2	☐	1.000					
3	☐	10.000	13.122	587645.41	0.0761	P	2.5
4	☐	50.000	61.239	914220.83	0.1173	P	2.7
5	☐	125.000	160.815	1565728.18	0.2024	P	1.4
6	☐	250.000	328.537	2678924.69	0.3459	P	4.0
7	☐	500.000	491.289	3861900.52	0.4851	A	1.4
8	☐	1000.000	979.651	7040436.27	0.9028	A	2.7
9	☐			1318225.69	0.1613	P	2.2

$$y = 8.5532E-004 * x + 0.0649$$

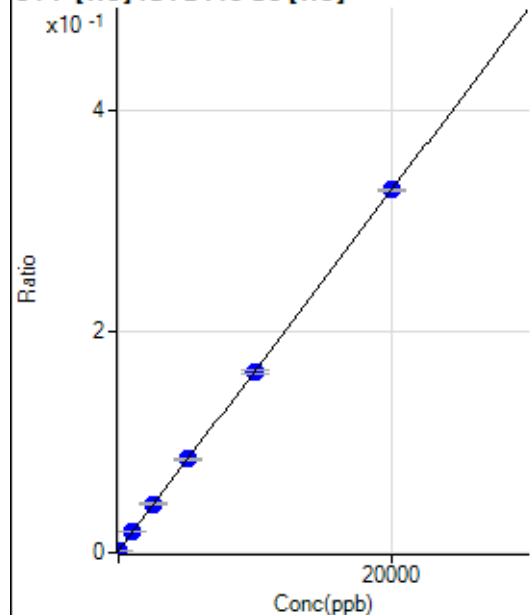
$$R = 0.9962$$

$$DL = 3.124$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.441	869.51	0.0017	P	13.5
2	☐	0.000					
3	☐	0.000	1.441	841.72	0.0017	P	6.3
4	☐	1000.000	1044.196	9967.61	0.0187	P	4.0
5	☐	2500.000	2612.739	22604.04	0.0444	P	3.9
6	☐	5000.000	5066.881	43138.56	0.0845	P	1.4
7	☐	10000.000	9933.518	85557.22	0.1640	P	2.7
8	☐	20000.000	20000.218	163722.89	0.3284	P	0.5
9	☐			916.74	0.0018	P	20.9

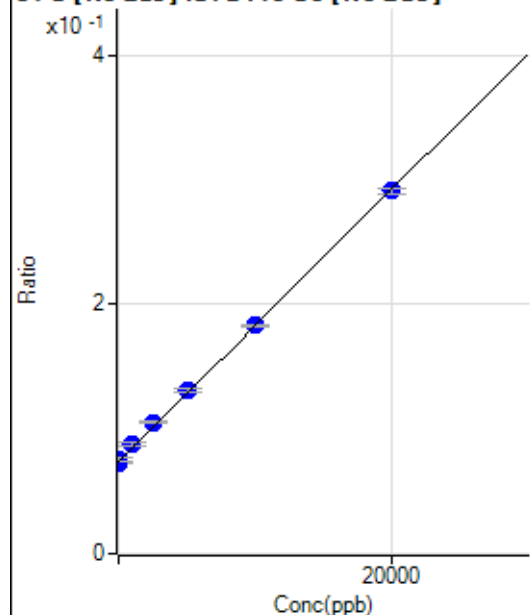
$$y = 1.6338E-005 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 30.37$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-137.383	568528.00	0.0731	P	1.2
2	☐	0.000					
3	☐	0.000	137.383	587577.61	0.0761	P	3.4
4	☐	1000.000	1167.628	680710.17	0.0873	P	3.3
5	☐	2500.000	2845.281	816633.17	0.1056	P	0.8
6	☐	5000.000	5192.525	1015824.65	0.1311	P	2.9
7	☐	10000.000	9993.011	1459543.01	0.1834	P	0.6
8	☐	20000.000	19903.822	2271465.59	0.2912	P	1.5
9	☐			500240.02	0.0612	P	1.4

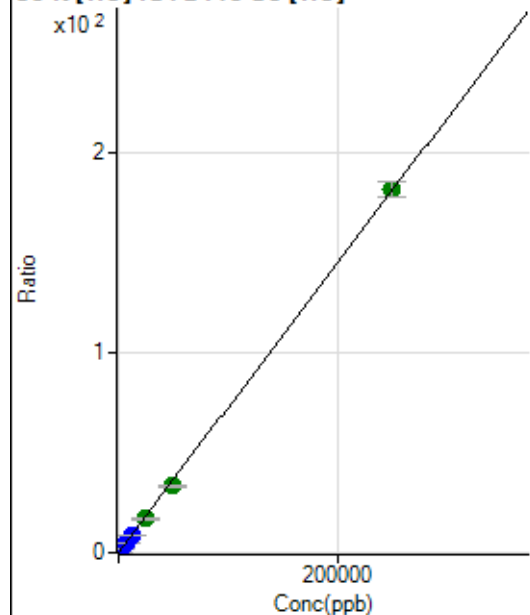
$$y = 1.0882\text{E-}005 * x + 0.0746$$

$$R = 0.9998$$

$$DL = 478.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72139.75	0.1368	P	1.3
2	☐	50.000					
3	☐	500.000	437.339	224755.95	0.4533	P	0.9
4	☐	2500.000	2359.976	981362.11	1.8443	P	2.1
5	☐	6250.000	5936.336	2257719.95	4.4319	P	2.2
6	☐	12500.000	11910.859	4471750.97	8.7547	P	2.3
7	☐	25000.000	23189.009	8827874.15	16.9147	A	1.3
8	☐	50000.000	45800.417	16585974.15	33.2747	A	1.1
9	☐	250000.00	251059.84	94315788.22	181.7853	A	4.2

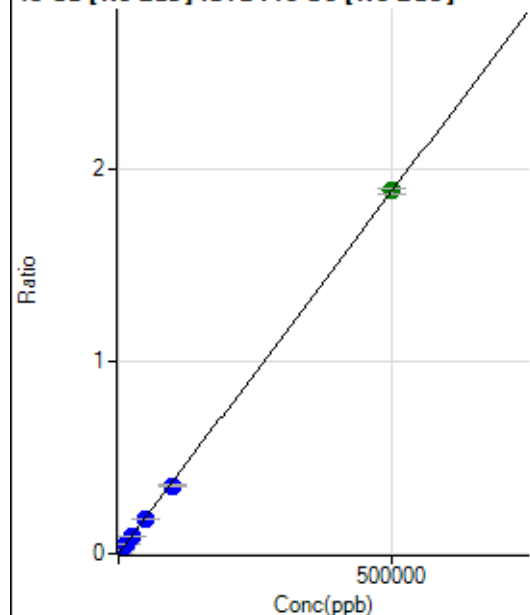
$$y = 7.2353\text{E-}004 * x + 0.1368$$

$$R = 0.9998$$

$$DL = 7.401$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.46	0.0000	P	32.2
2	☐	50.000					
3	☐	500.000	413.468	12361.23	0.0016	P	4.2
4	☐	5000.000	4745.774	139681.13	0.0179	P	2.5
5	☐	12500.000	12108.569	353042.97	0.0456	P	1.9
6	☐	25000.000	23855.245	696214.82	0.0899	P	3.3
7	☐	50000.000	47596.899	1427257.99	0.1793	P	1.8
8	☐	100000.00	94113.713	2764590.41	0.3545	P	2.0
9	☐	500000.00	501487.22	15447611.80	1.8886	A	1.8

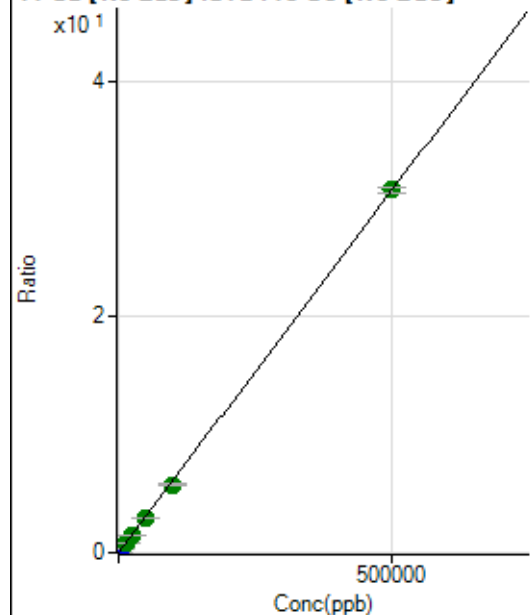
$$y = 3.7660\text{E-}006 * x + 4.4424\text{E-}005$$

$$R = 0.9999$$

$$DL = 11.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19129.75	0.0025	P	1.7
2	☐	50.000					
3	☐	500.000	424.338	220128.85	0.0285	P	2.9
4	☐	5000.000	4772.546	2303420.60	0.2955	P	2.5
5	☐	12500.000	12020.122	5727064.19	0.7404	A	1.3
6	☐	25000.000	23697.458	11289331.76	1.4574	A	2.9
7	☐	50000.000	47300.039	23135501.91	2.9064	A	1.3
8	☐	100000.00	93939.389	44999248.23	5.7699	A	2.1
9	☐	500000.00	501561.59	251892133.4	30.7958	A	1.9

$$y = 6.1395\text{E-}005 * x + 0.0025$$

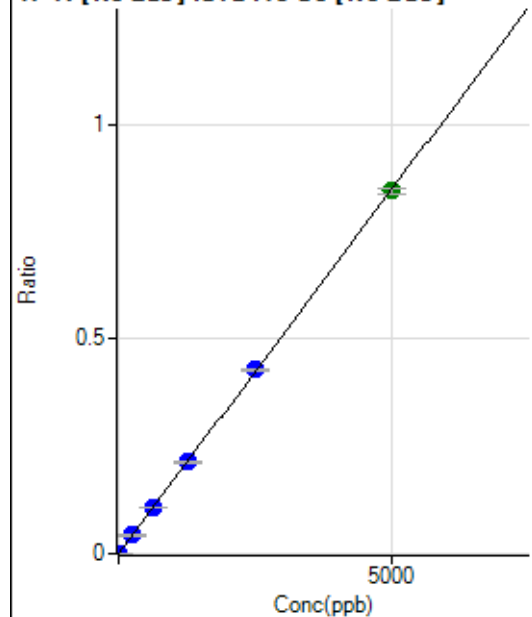
$$R = 0.9999$$

$$DL = 2.1$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	19.6
2	☐	0.500					
3	☐	5.000	4.490	6037.58	0.0008	P	1.6
4	☐	250.000	252.830	334100.87	0.0428	P	1.6
5	☐	625.000	633.737	830506.31	0.1074	P	1.2
6	☐	1250.000	1259.404	1652918.01	0.2134	P	2.4
7	☐	2500.000	2525.907	3406074.62	0.4279	P	0.6
8	☐	5000.000	4983.463	6584376.45	0.8442	A	1.7
9	☐			1841.87	0.0002	P	4.2

$$y = 1.6939\text{E-}004 * x + 2.1381\text{E-}005$$

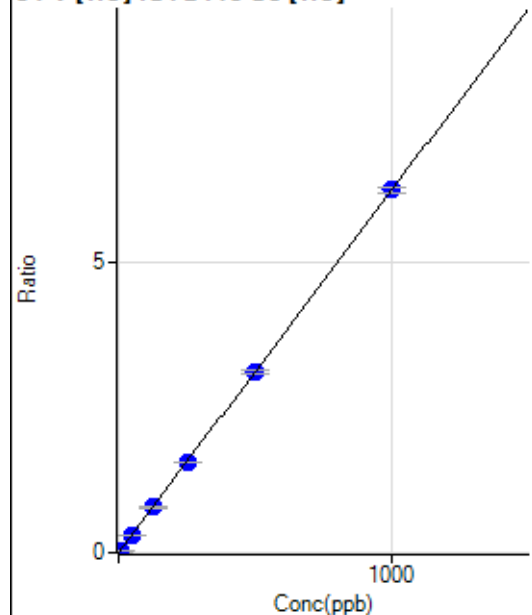
$$R = 1.0000$$

$$DL = 0.07437$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	29.5
2	☐	0.500					
3	☐	5.000	4.526	13995.73	0.0282	P	1.1
4	☐	50.000	49.620	164450.16	0.3091	P	1.5
5	☐	125.000	124.875	396155.17	0.7777	P	2.1
6	☐	250.000	249.494	793683.25	1.5538	P	1.8
7	☐	500.000	497.046	1615343.78	3.0955	P	2.2
8	☐	1000.000	1001.641	3109163.81	6.2379	P	1.9
9	☐			1286.75	0.0025	P	7.2

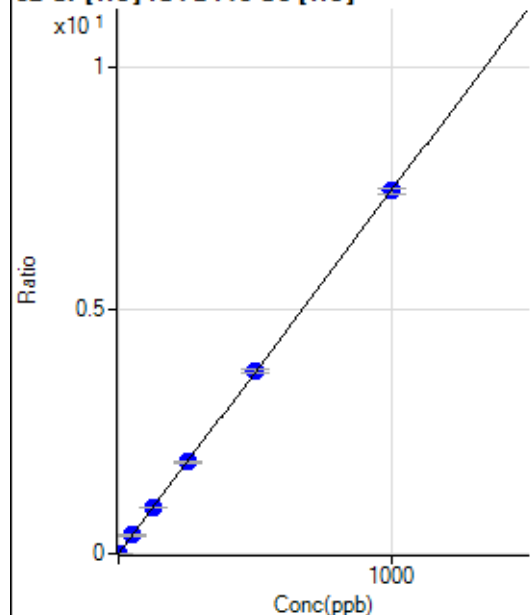
$$y = 0.0062 * x + 3.7993\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005403$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	462.24	0.0009	P	11.4
2	☐	0.200					
3	☐	2.000	2.002	7831.08	0.0158	P	1.6
4	☐	50.000	50.740	201623.45	0.3789	P	2.3
5	☐	125.000	125.907	478327.95	0.9390	P	2.5
6	☐	250.000	252.626	961860.09	1.8831	P	2.1
7	☐	500.000	500.624	1947034.43	3.7309	P	2.0
8	☐	1000.000	998.881	3709907.62	7.4432	P	1.8
9	☐			177067.50	0.3412	P	3.6

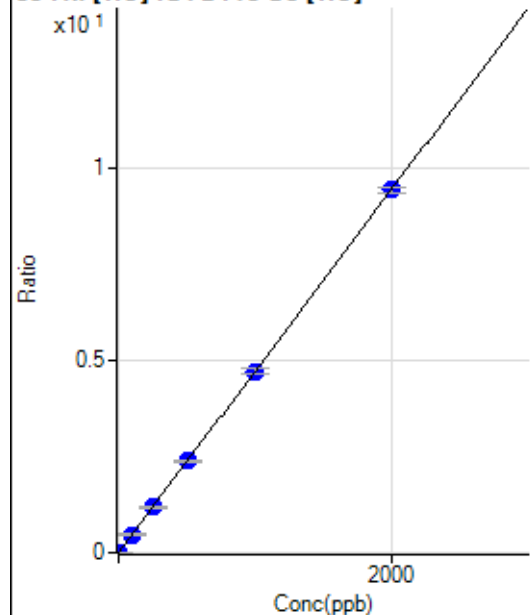
$$y = 0.0075 * x + 8.7593E-004$$

$$R = 1.0000$$

$$DL = 0.04021$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	0.996	2408.02	0.0049	P	3.3
4	☐	100.000	100.352	252530.68	0.4746	P	2.2
5	☐	250.000	252.209	607516.88	1.1926	P	2.7
6	☐	500.000	504.223	1217829.20	2.3842	P	1.8
7	☐	1000.000	1000.410	2468299.77	4.7303	P	2.5
8	☐	2000.000	1998.446	4709748.54	9.4492	P	1.8
9	☐			25885.22	0.0499	P	5.5

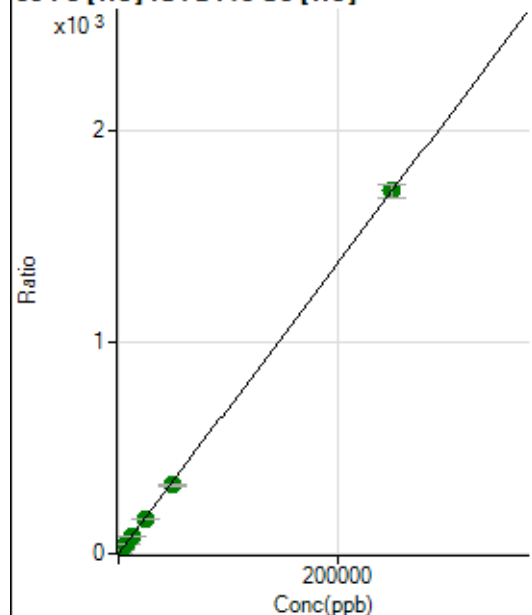
$$y = 0.0047 * x + 1.4760E-004$$

$$R = 1.0000$$

$$DL = 0.00886$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6084.75	0.0115	P	0.8
2	☐	5.000					
3	☐	50.000	44.922	158160.36	0.3190	P	1.4
4	☐	2500.000	2433.082	8865299.68	16.6618	A	1.8
5	☐	6250.000	6068.662	21161997.70	41.5412	A	2.2
6	☐	12500.000	12102.568	42310957.43	82.8330	A	1.8
7	☐	25000.000	23939.591	85501788.95	163.8372	A	2.1
8	☐	50000.000	47389.960	161652399.9	324.3151	A	1.5
9	☐	250000.00	250653.12	890106856.9	1,715.305	A	3.7

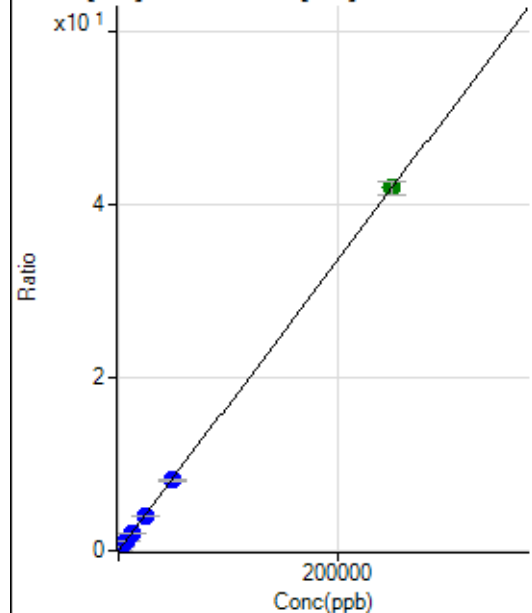
$$y = 0.0068 * x + 0.0115$$

$$R = 0.9999$$

$$DL = 0.04266$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	640.78	0.0012	P	9.4
2	☐	5.000					
3	☐	50.000	44.584	4300.76	0.0087	P	0.7
4	☐	2500.000	2432.871	217239.41	0.4082	P	1.4
5	☐	6250.000	6049.660	516164.33	1.0132	P	1.9
6	☐	12500.000	12133.653	1037441.38	2.0310	P	2.1
7	☐	25000.000	24089.843	2103656.40	4.0311	P	2.1
8	☐	50000.000	48484.449	4043348.85	8.1120	P	1.5
9	☐	250000.00	250418.12	21742107.43	41.8928	A	3.4

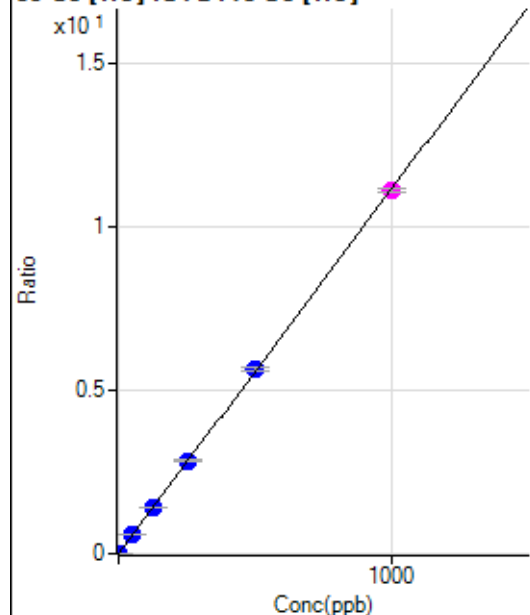
$$y = 1.6729E-004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 2.058$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.962	5396.64	0.0109	P	2.4
4	☐	50.000	51.113	303869.25	0.5712	P	2.5
5	☐	125.000	127.528	725888.80	1.4250	P	1.9
6	☐	250.000	255.691	1459228.85	2.8569	P	1.8
7	☐	500.000	506.385	2952698.81	5.6578	P	1.8
8	☐	1000.000	995.013	5541555.89	11.1171	M	1.1
9	☐			75381.52	0.1453	P	3.9

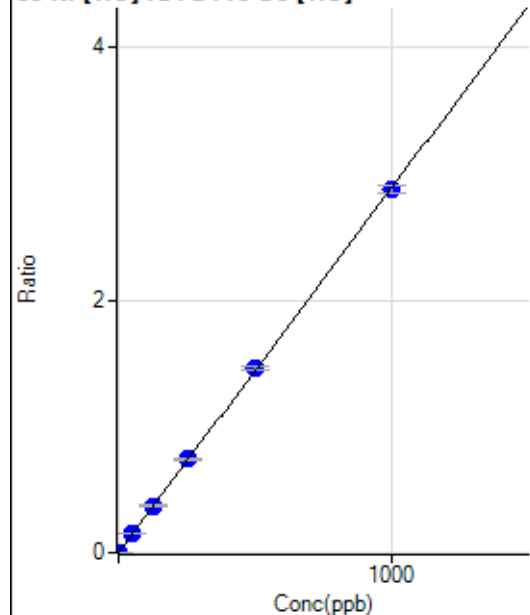
$$y = 0.0112 * x + 1.3495E-004$$

$$R = 1.0000$$

$$DL = 0.002293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0001	P	39.7
2	☐	0.100					
3	☐	1.000	1.026	1506.77	0.0030	P	4.2
4	☐	50.000	52.252	80205.52	0.1508	P	2.1
5	☐	125.000	129.110	189712.51	0.3724	P	2.6
6	☐	250.000	256.632	378047.95	0.7401	P	2.0
7	☐	500.000	505.127	760149.34	1.4567	P	2.1
8	☐	1000.000	995.152	1430310.61	2.8697	P	2.2
9	☐			55330.91	0.1067	P	4.7

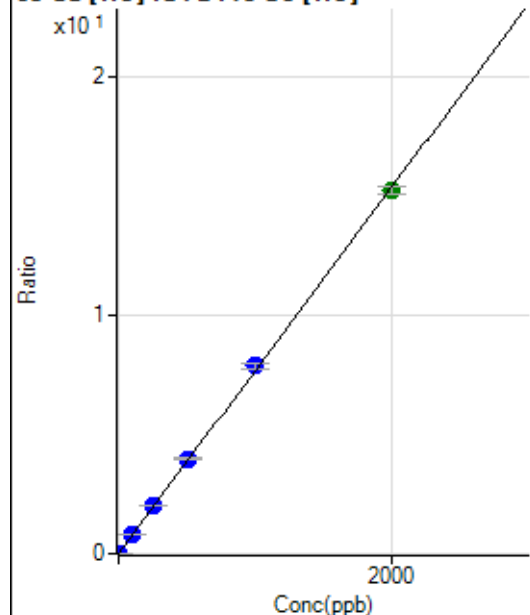
$$y = 0.0029 * x + 8.0298E-005$$

$$R = 1.0000$$

$$DL = 0.03319$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	825.59	0.0016	P	5.4
2	☐	0.200					
3	☐	2.000	1.973	8275.78	0.0167	P	2.9
4	☐	100.000	104.739	428260.85	0.8048	P	2.2
5	☐	250.000	259.627	1015084.00	1.9927	P	1.9
6	☐	500.000	519.028	2034143.67	3.9822	P	1.7
7	☐	1000.000	1024.992	4102876.74	7.8626	P	2.3
8	☐	2000.000	1981.307	7574362.80	15.1969	A	2.1
9	☐			17793.28	0.0343	P	4.0

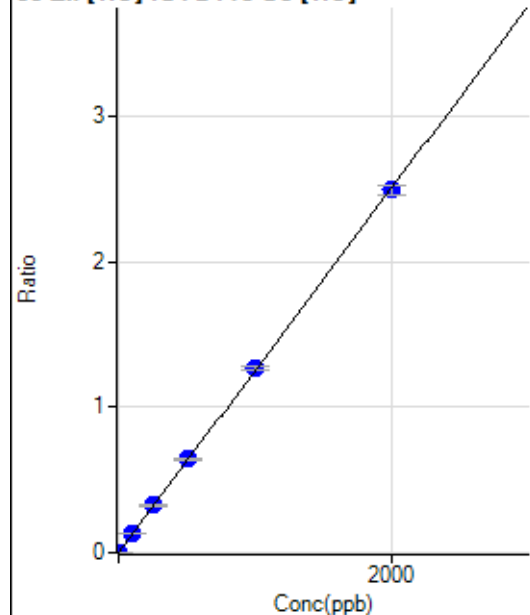
$$y = 0.0077 * x + 0.0016$$

$$R = 0.9998$$

$$DL = 0.03298$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0002	P	12.4
2	☐	0.200					
3	☐	2.000	2.094	1405.65	0.0028	P	2.5
4	☐	100.000	103.892	69365.49	0.1304	P	2.6
5	☐	250.000	258.656	165206.64	0.3243	P	2.6
6	☐	500.000	513.306	328638.48	0.6434	P	2.1
7	☐	1000.000	1009.316	660057.23	1.2649	P	2.3
8	☐	2000.000	1990.739	1243358.29	2.4946	P	2.3
9	☐			8926.19	0.0172	P	3.7

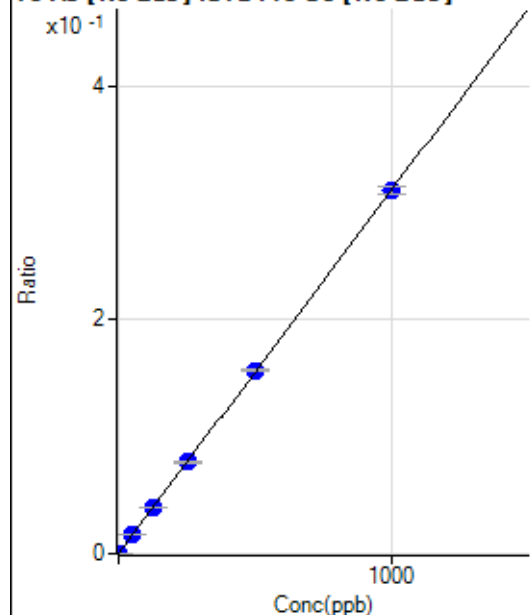
$$y = 0.0013 * x + 2.1048E-004$$

$$R = 1.0000$$

$$DL = 0.06244$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1509.11	0.0002	P	6.8
2	☐	0.100					
3	☐	1.000	0.876	3604.60	0.0005	P	13.2
4	☐	50.000	50.559	123874.89	0.0159	P	1.6
5	☐	125.000	127.037	306495.44	0.0396	P	1.2
6	☐	250.000	251.803	606955.71	0.0784	P	2.8
7	☐	500.000	502.477	1243204.15	0.1562	P	1.1
8	☐	1000.000	998.028	2417555.76	0.3100	P	2.1
9	☐			5765.36	0.0007	P	1.6

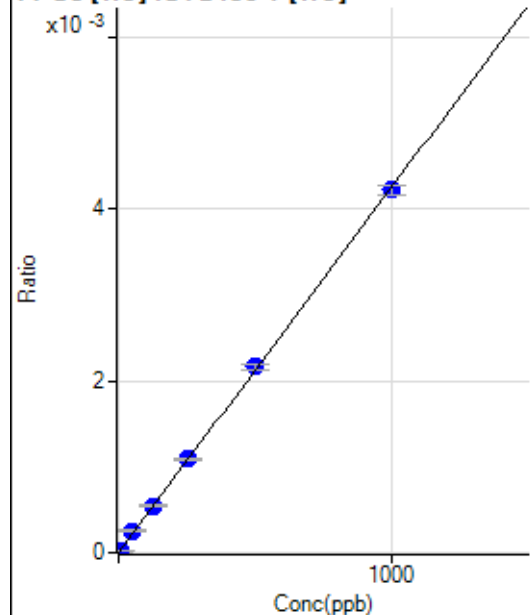
$$y = 3.1039\text{E-}004 * x + 1.9412\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.128$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.2
2	☐	0.500					
3	☐	5.000	4.672	53.33	0.0000	P	16.5
4	☐	50.000	58.267	674.47	0.0002	P	8.1
5	☐	125.000	127.054	1422.32	0.0005	P	3.1
6	☐	250.000	256.450	2901.46	0.0011	P	3.0
7	☐	500.000	508.545	5870.18	0.0022	P	3.1
8	☐	1000.000	993.447	11093.32	0.0042	P	2.3
9	☐			6.67	0.0000	P	55.8

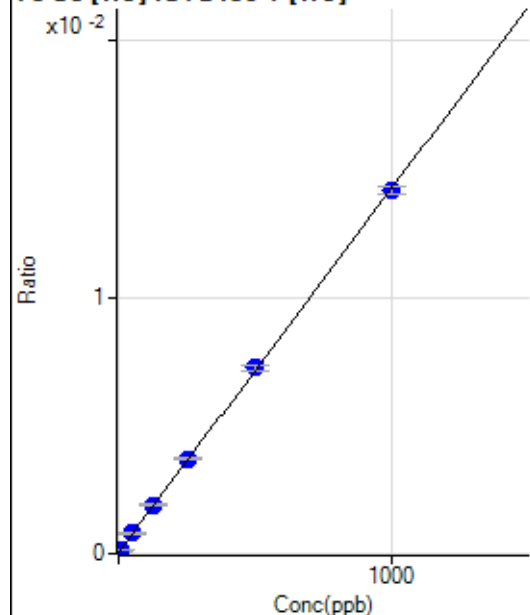
$$y = 4.2513\text{E-}006 * x + 1.2355\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01081$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	143.21	0.0001	P	3.2
2	☐	0.500					
3	☐	5.000	5.357	326.55	0.0001	P	4.9
4	☐	50.000	51.864	2139.68	0.0008	P	6.2
5	☐	125.000	130.811	5013.25	0.0019	P	1.3
6	☐	250.000	256.806	9820.69	0.0037	P	2.6
7	☐	500.000	507.584	19685.07	0.0073	P	2.8
8	☐	1000.000	993.685	37148.83	0.0141	P	2.1
9	☐			151.86	0.0001	P	19.4

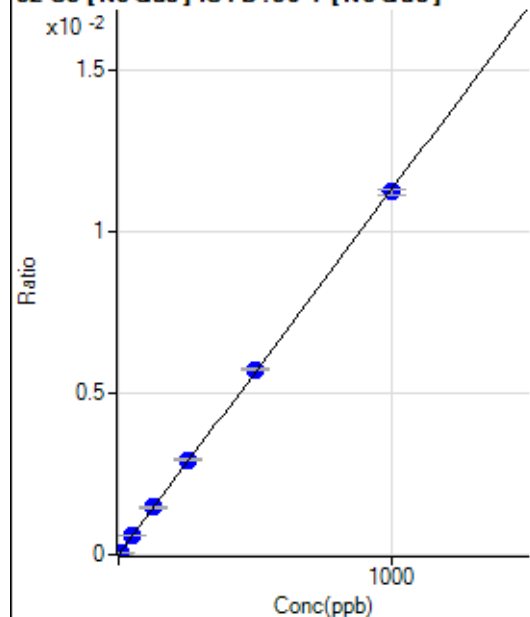
$$y = 1.4184\text{E-}005 * x + 5.3132\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3646$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	49.38	0.0000	P	24.0
2	☐	0.500					
3	☐	5.000	4.247	648.19	0.0001	P	9.7
4	☐	50.000	52.400	7610.72	0.0006	P	2.8
5	☐	125.000	129.692	18615.55	0.0015	P	2.3
6	☐	250.000	258.158	37132.16	0.0029	P	1.9
7	☐	500.000	506.413	75905.56	0.0057	P	1.0
8	☐	1000.000	994.052	145974.48	0.0112	P	1.8
9	☐			111.77	0.0000	P	59.6

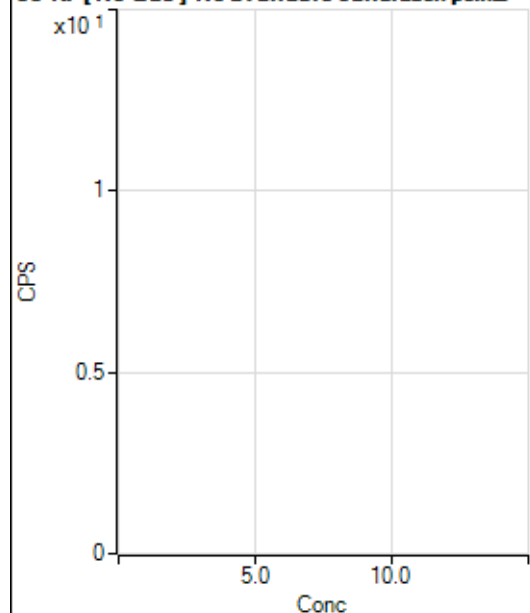
$$y = 1.1277\text{E-}005 * x + 3.8657\text{E-}006$$

$$R = 0.9999$$

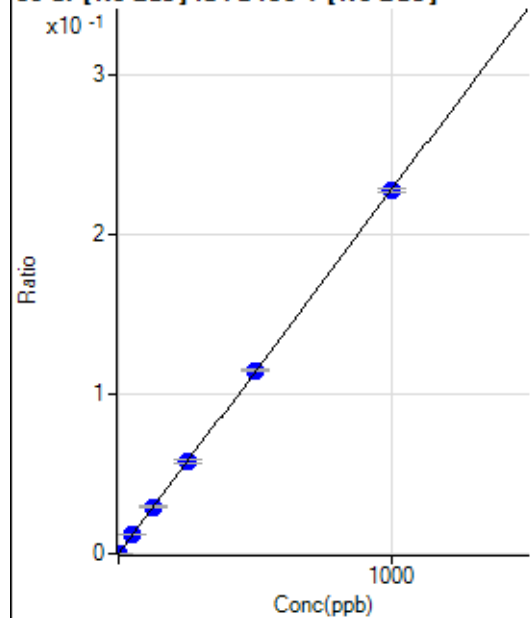
$$DL = 0.247$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			600.02		P	6.7
2	☐						
3	☐			666.69		P	2.2
4	☐			656.69		P	4.8
5	☐			686.70		P	5.1
6	☐			702.25		P	10.1
7	☐			647.80		P	3.3
8	☐			678.92		P	7.0
9	☐			691.14		P	6.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1061.20	0.0001	P	18.7
2	☐	0.100					
3	☐	1.000	0.890	3583.93	0.0003	P	2.6
4	☐	50.000	50.576	148297.72	0.0116	P	2.8
5	☐	125.000	128.861	373226.23	0.0294	P	1.7
6	☐	250.000	253.897	736769.88	0.0578	P	2.8
7	☐	500.000	503.015	1521201.02	0.1145	P	1.0
8	☐	1000.000	997.007	2953872.18	0.2269	P	0.9
9	☐			109135.84	0.0082	P	2.4

$$y = 2.2752E-004 * x + 8.3256E-005$$

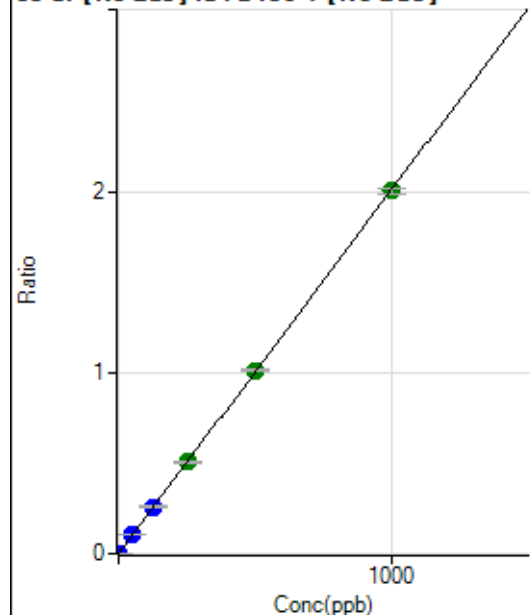
$$R = 1.0000$$

$$DL = 0.2052$$

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	136.12	0.0000	P	29.9
2	☐	0.100					
3	☐	1.000	0.945	23934.85	0.0019	P	2.8
4	☐	50.000	50.818	1306370.37	0.1021	P	2.1
5	☐	125.000	128.379	3273791.68	0.2579	P	2.2
6	☐	250.000	252.663	6464411.08	0.5076	A	2.7
7	☐	500.000	503.452	13433127.56	1.0113	A	1.4
8	☐	1000.000	997.145	26073912.21	2.0031	A	1.7
9	☐			948710.96	0.0712	P	2.1

$$y = 0.0020 * x + 1.0652E-005$$

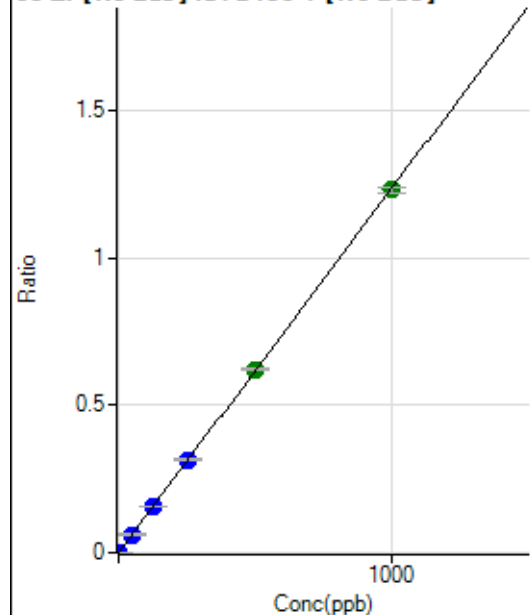
$$R = 1.0000$$

$$DL = 0.004751$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.39	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.948	15475.65	0.0012	P	2.6
4	☐	50.000	50.109	793006.66	0.0620	P	2.0
5	☐	125.000	127.409	1999081.92	0.1575	P	1.7
6	☐	250.000	254.560	4006969.36	0.3146	P	1.6
7	☐	500.000	503.811	8269667.98	0.6225	A	1.3
8	☐	1000.000	996.648	16029736.30	1.2314	A	1.3
9	☐			4131.30	0.0003	P	4.7

$$y = 0.0012 * x + 6.3235E-005$$

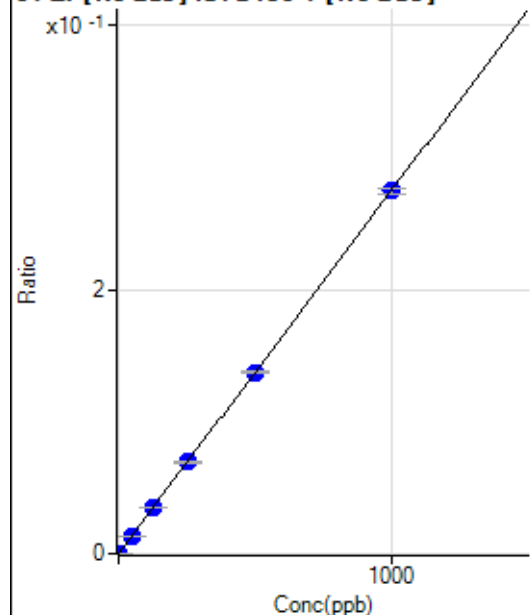
$$R = 1.0000$$

$$DL = 0.008369$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	8.9
2	☐	0.100					
3	☐	1.000	0.924	3344.98	0.0003	P	1.0
4	☐	50.000	49.017	172690.64	0.0135	P	1.7
5	☐	125.000	125.786	439340.11	0.0346	P	1.2
6	☐	250.000	251.915	882658.31	0.0693	P	2.5
7	☐	500.000	500.269	1827970.11	0.1376	P	1.0
8	☐	1000.000	999.338	3578167.83	0.2749	P	1.4
9	☐			941.74	0.0001	P	10.0

$$y = 2.7505E-004 * x + 1.2394E-005$$

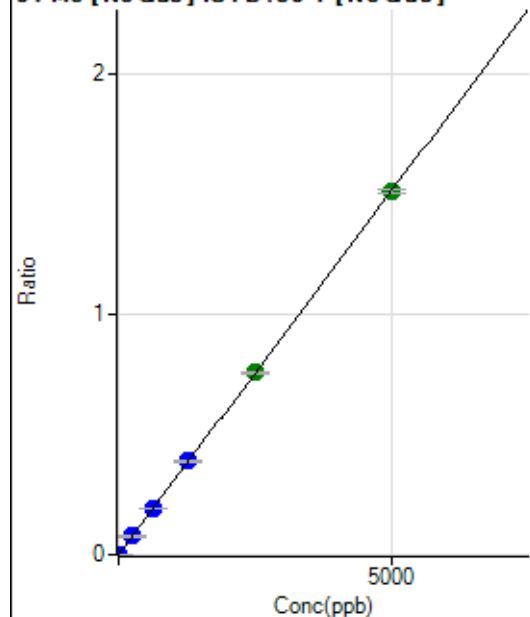
$$R = 1.0000$$

$$DL = 0.01197$$

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	252.79	0.0000	P	8.9
2	☐	0.500					
3	☐	5.000	4.620	17781.15	0.0014	P	2.1
4	☐	250.000	251.787	975087.42	0.0762	P	2.1
5	☐	625.000	640.989	2462204.18	0.1940	P	1.6
6	☐	1250.000	1283.577	4946904.67	0.3884	P	2.2
7	☐	2500.000	2503.299	10061450.49	0.7575	A	1.3
8	☐	5000.000	4987.869	19645861.55	1.5092	A	1.0
9	☐			22652.18	0.0017	P	1.5

$$y = 3.0257E-004 * x + 1.9797E-005$$

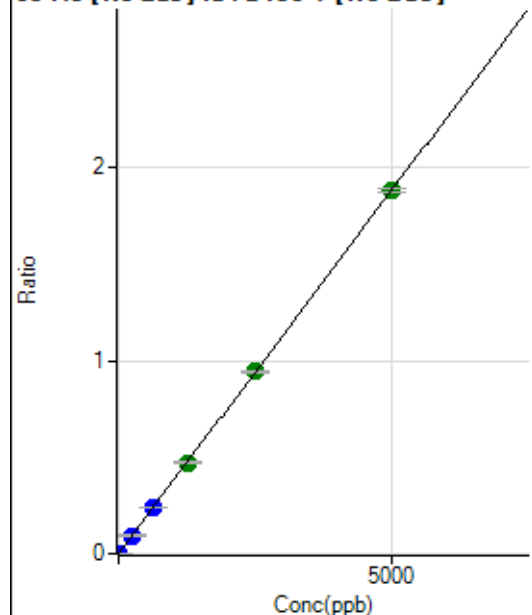
$$R = 1.0000$$

$$DL = 0.01739$$

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	38.89	0.0000	P	27.0
2	☐	0.500					
3	☐	5.000	4.470	21127.53	0.0017	P	2.9
4	☐	250.000	249.438	1200853.63	0.0938	P	2.1
5	☐	625.000	637.961	3046674.22	0.2400	P	1.7
6	☐	1250.000	1256.304	6020106.04	0.4726	A	1.9
7	☐	2500.000	2503.646	12511942.73	0.9419	A	1.7
8	☐	5000.000	4995.010	24462042.04	1.8792	A	1.0
9	☐			36882.10	0.0028	P	1.7

$$y = 3.7621\text{E-}004 * x + 3.0550\text{E-}006$$

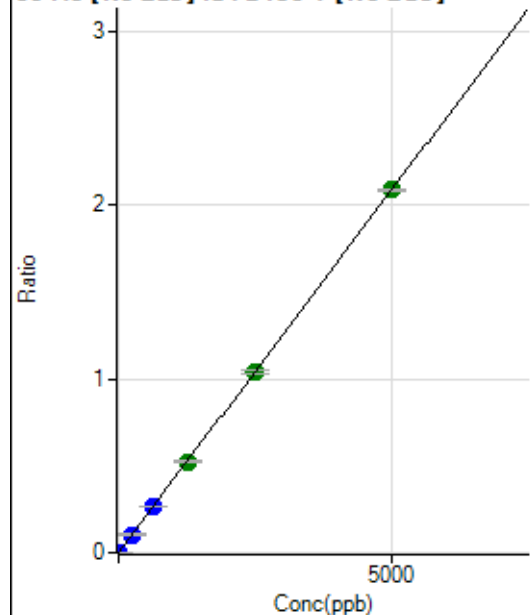
$$R = 1.0000$$

$$DL = 0.006581$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	29.7
2	☐	0.500					
3	☐	5.000	4.489	23626.03	0.0019	P	1.8
4	☐	250.000	250.272	1337982.79	0.1046	P	2.4
5	☐	625.000	635.427	3369836.23	0.2655	P	1.0
6	☐	1250.000	1251.514	6659539.26	0.5229	A	2.1
7	☐	2500.000	2491.411	13824197.53	1.0409	A	1.4
8	☐	5000.000	5002.599	27206289.50	2.0900	A	0.3
9	☐			44007.95	0.0033	P	4.2

$$y = 4.1777\text{E-}004 * x + 8.4570\text{E-}006$$

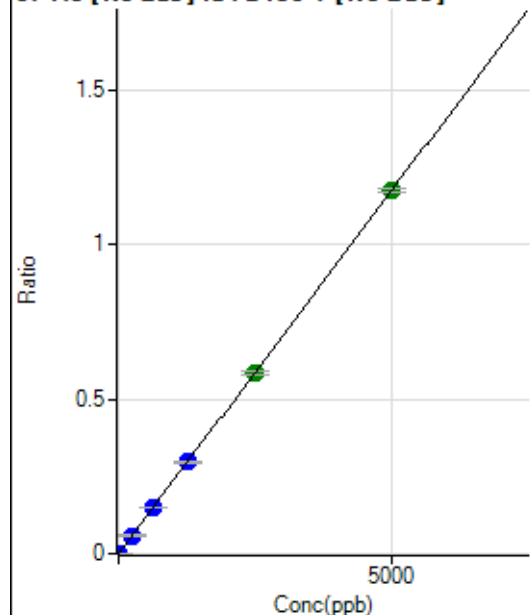
$$R = 1.0000$$

$$DL = 0.01805$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	34.7
2	☐	0.500					
3	☐	5.000	4.339	12859.08	0.0010	P	2.1
4	☐	250.000	248.517	746750.85	0.0584	P	2.6
5	☐	625.000	631.586	1882700.24	0.1483	P	1.1
6	☐	1250.000	1260.143	3769014.71	0.2959	P	2.1
7	☐	2500.000	2495.223	7781870.57	0.5859	A	1.6
8	☐	5000.000	4999.104	15281001.56	1.1739	A	1.1
9	☐			23153.01	0.0017	P	1.6

$$y = 2.3482\text{E-}004 * x + 6.3327\text{E-}006$$

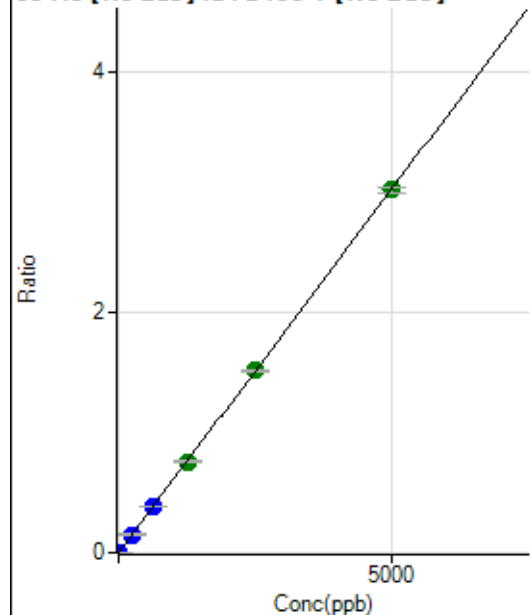
$$R = 1.0000$$

$$DL = 0.02811$$

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	27.78	0.0000	P	44.0
2	☐	0.500					
3	☐	5.000	4.490	34114.24	0.0027	P	3.5
4	☐	250.000	250.107	1937516.69	0.1514	P	2.5
5	☐	625.000	641.978	4933873.50	0.3887	P	1.2
6	☐	1250.000	1251.680	9651868.71	0.7578	A	2.4
7	☐	2500.000	2510.417	20184147.85	1.5199	A	1.3
8	☐	5000.000	4992.244	39343832.13	3.0225	A	1.4
9	☐			59503.82	0.0045	P	2.4

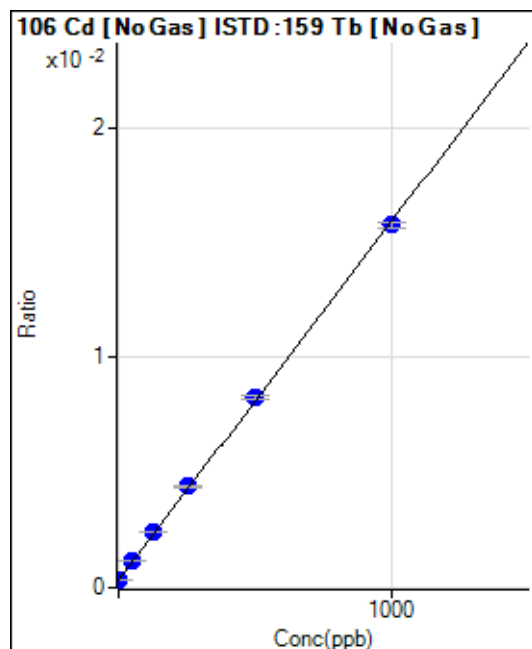
$$y = 6.0544\text{E-}004 * x + 2.1619\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004715$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4956.66	0.0003	P	1.6
2	☐	0.100					
3	☐	1.000	0.419	5017.79	0.0003	P	1.4
4	☐	50.000	53.588	17898.07	0.0012	P	0.6
5	☐	125.000	134.769	37367.09	0.0024	P	1.0
6	☐	250.000	262.610	68463.16	0.0044	P	2.3
7	☐	500.000	510.092	135944.43	0.0083	P	2.8
8	☐	1000.000	990.401	255839.66	0.0158	P	1.5
9	☐			5581.88	0.0003	P	2.7

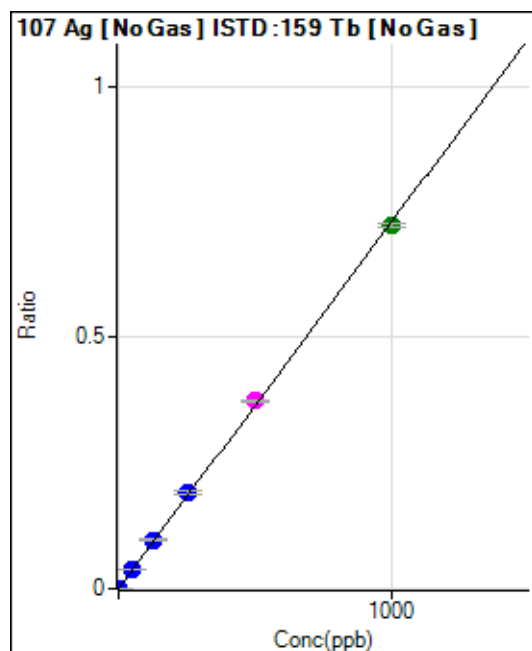
$$y = 1.5593\text{E-}005 * x + 3.2654\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.022$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	2.4
2	☐	0.100					
3	☐	1.000	0.967	10746.20	0.0007	P	2.7
4	☐	50.000	53.442	601102.91	0.0390	P	1.5
5	☐	125.000	133.597	1501580.72	0.0976	P	1.4
6	☐	250.000	261.747	2959870.99	0.1912	P	2.8
7	☐	500.000	512.354	6142460.17	0.3742	M	0.8
8	☐	1000.000	989.640	11724706.08	0.7227	A	1.2
9	☐			1147.32	0.0001	P	18.2

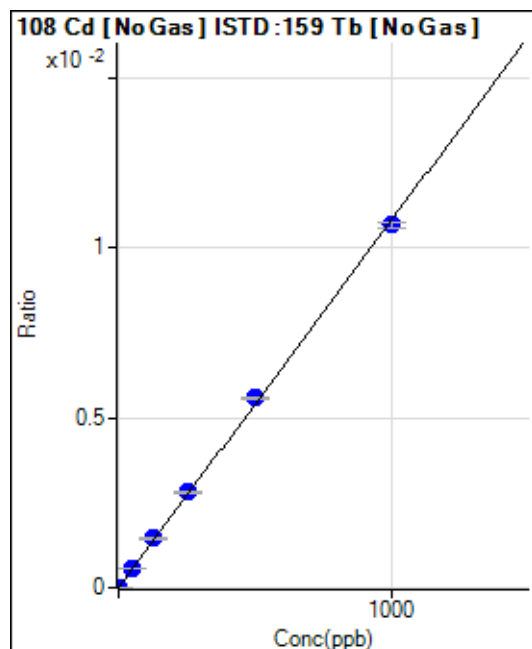
$$y = 7.3030\text{E-}004 * x + 7.6887\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.000766$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	11.0
2	☐	0.100					
3	☐	1.000	0.806	152.78	0.0000	P	12.6
4	☐	50.000	52.950	8823.76	0.0006	P	4.3
5	☐	125.000	133.852	22269.22	0.0014	P	2.7
6	☐	250.000	260.311	43553.18	0.0028	P	1.8
7	☐	500.000	517.479	91755.60	0.0056	P	1.0
8	☐	1000.000	987.429	172994.99	0.0107	P	1.5
9	☐			50.00	0.0000	P	13.7

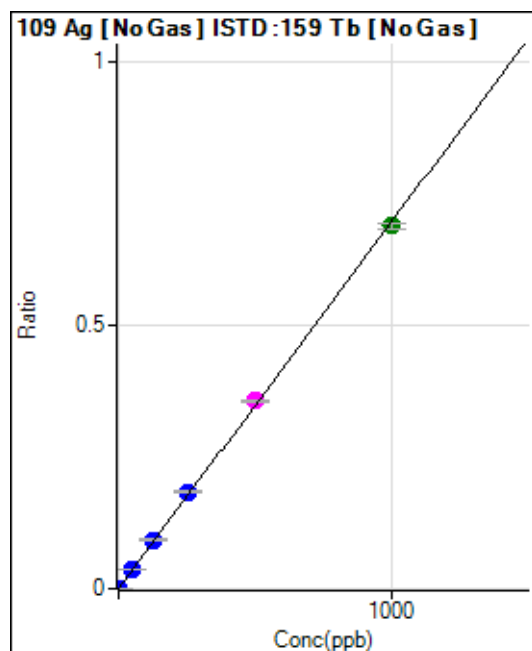
$$y = 1.0798\text{E-}005 * x + 1.4642\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.04462$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	58.0
2	☐	0.100					
3	☐	1.000	0.960	10117.93	0.0007	P	4.3
4	☐	50.000	53.103	569534.15	0.0370	P	1.4
5	☐	125.000	133.280	1428603.20	0.0928	P	1.9
6	☐	250.000	263.124	2837580.25	0.1833	P	2.0
7	☐	500.000	512.523	5859084.90	0.3569	M	0.8
8	☐	1000.000	989.267	11176440.44	0.6890	A	1.3
9	☐			1100.09	0.0001	P	8.4

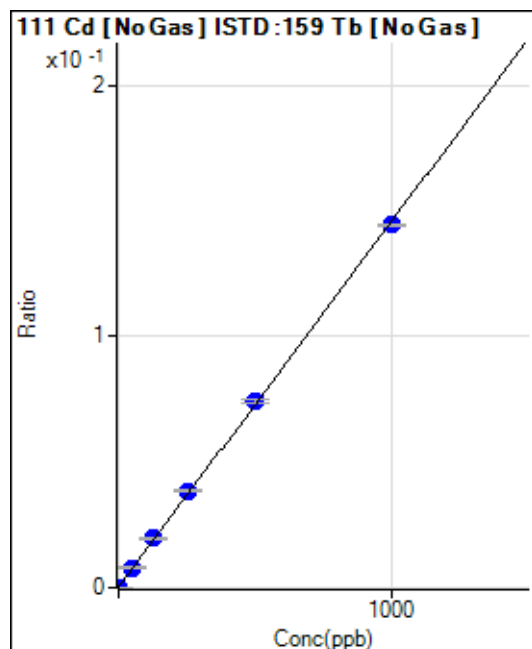
$$y = 6.9643\text{E-}004 * x + 3.2740\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.008187$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3462.44	0.0002	P	1.7
2	☐	0.100					
3	☐	1.000	0.963	5543.22	0.0004	P	3.3
4	☐	50.000	53.591	123635.81	0.0080	P	0.9
5	☐	125.000	132.688	300727.38	0.0195	P	1.4
6	☐	250.000	262.184	594390.95	0.0384	P	2.4
7	☐	500.000	509.838	1221817.21	0.0744	P	1.8
8	☐	1000.000	990.894	2343337.33	0.1444	P	0.7
9	☐			4175.11	0.0003	P	3.0

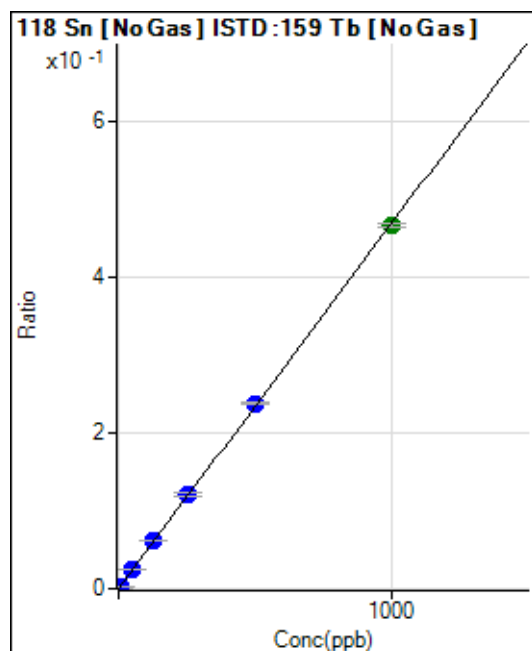
$$y = 1.4554\text{E-}004 * x + 2.2811\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.07976$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1533.48	0.0001	P	5.4
2	☐	0.500					
3	☐	5.000	4.669	34429.38	0.0023	P	1.5
4	☐	50.000	51.530	372843.19	0.0242	P	1.6
5	☐	125.000	130.702	942804.35	0.0613	P	2.3
6	☐	250.000	257.649	1868242.75	0.1207	P	2.6
7	☐	500.000	507.628	3900700.83	0.2376	P	0.8
8	☐	1000.000	993.486	7543032.55	0.4650	A	0.9
9	☐			11243.85	0.0007	P	4.5

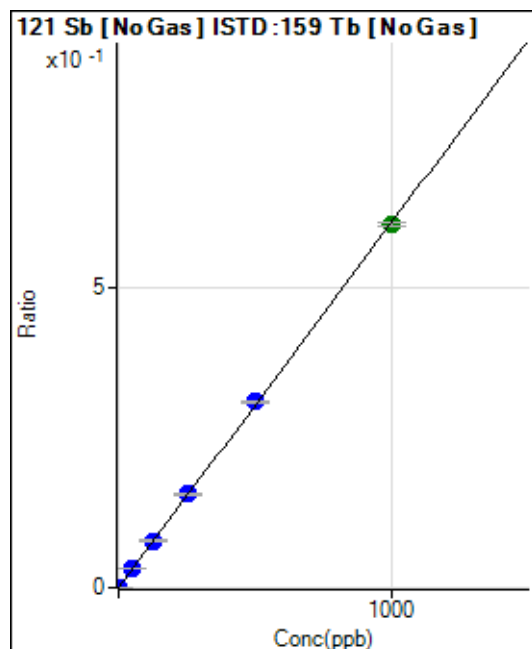
$$y = 4.6792\text{E-}004 * x + 1.0099\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.0351$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	100.
2	☐	0.200					
3	☐	2.000	1.859	17047.13	0.0011	P	2.2
4	☐	50.000	51.077	478176.59	0.0311	P	1.6
5	☐	125.000	128.322	1200630.73	0.0780	P	1.8
6	☐	250.000	255.468	2404712.05	0.1553	P	2.9
7	☐	500.000	509.270	5082550.20	0.3096	P	1.3
8	☐	1000.000	993.529	9798610.55	0.6040	A	1.1
9	☐			16351.90	0.0010	P	7.2

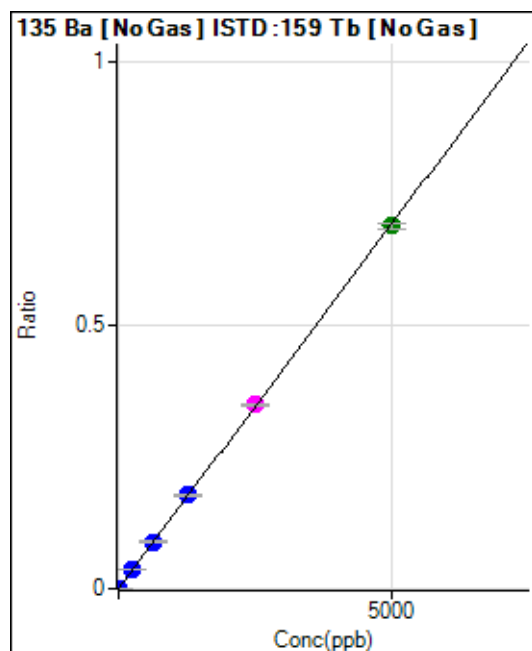
$$y = 6.0794\text{E-}004 * x + 1.6742\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008333$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	75.3
2	☐	1.000					
3	☐	10.000	9.361	19492.09	0.0013	P	2.9
4	☐	250.000	256.685	545940.11	0.0355	P	1.1
5	☐	625.000	642.268	1365052.70	0.0887	P	1.8
6	☐	1250.000	1279.993	2737127.40	0.1768	P	2.6
7	☐	2500.000	2526.490	5725969.88	0.3489	M	1.4
8	☐	5000.000	4976.765	11150019.35	0.6873	A	1.3
9	☐			3642.30	0.0002	P	2.7

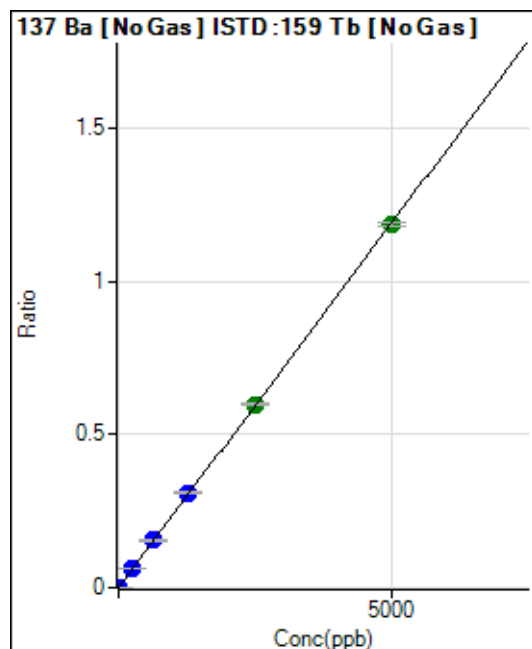
$$y = 1.3811\text{E-}004 * x + 1.8386\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03006$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	54.3
2	☐	1.000					
3	☐	10.000	9.305	33385.69	0.0022	P	2.4
4	☐	250.000	256.203	939186.45	0.0610	P	0.9
5	☐	625.000	646.839	2369403.35	0.1540	P	1.7
6	☐	1250.000	1295.525	4774838.30	0.3084	P	2.1
7	☐	2500.000	2517.688	9836456.47	0.5993	A	0.8
8	☐	5000.000	4976.736	19216752.34	1.1846	A	1.1
9	☐			6424.00	0.0004	P	7.6

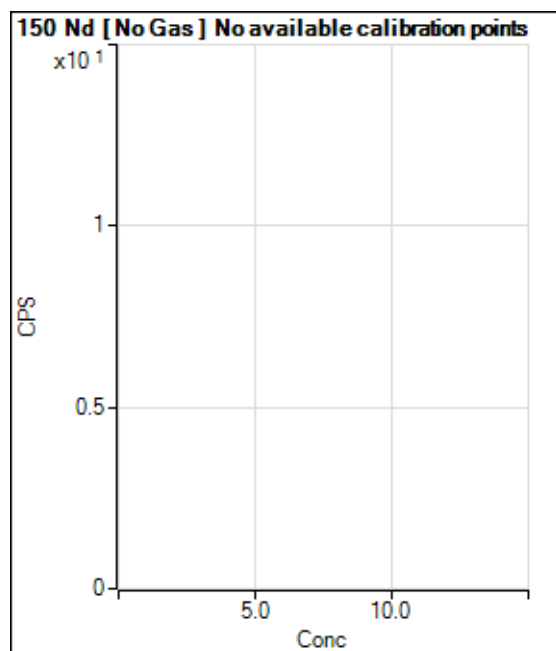
$$y = 2.3802E-004 * x + 2.7680E-006$$

$$R = 0.9999$$

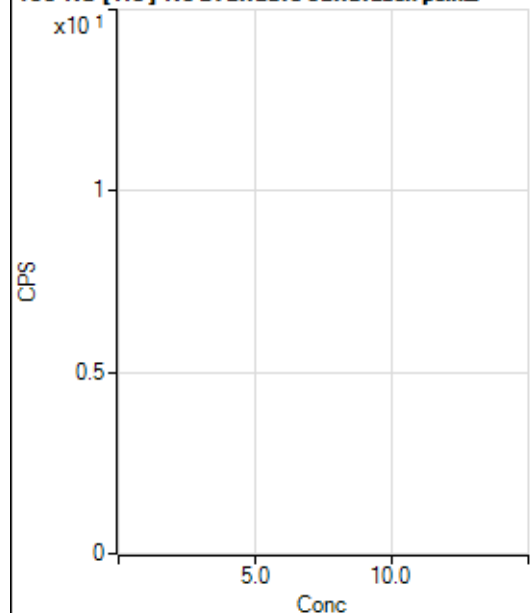
$$DL = 0.01895$$

Weight: <None>

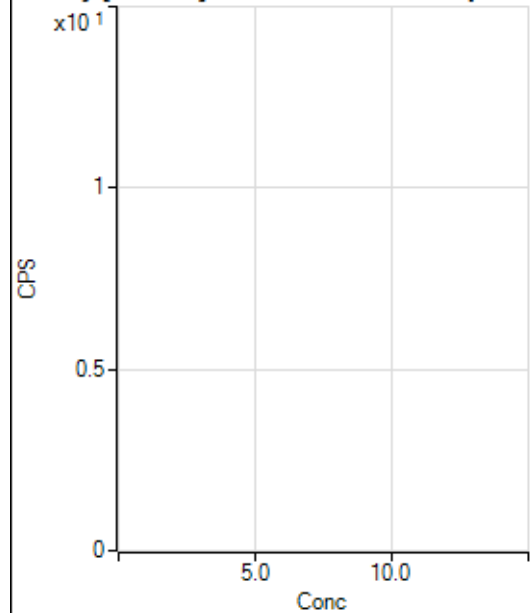
Min Conc: 0



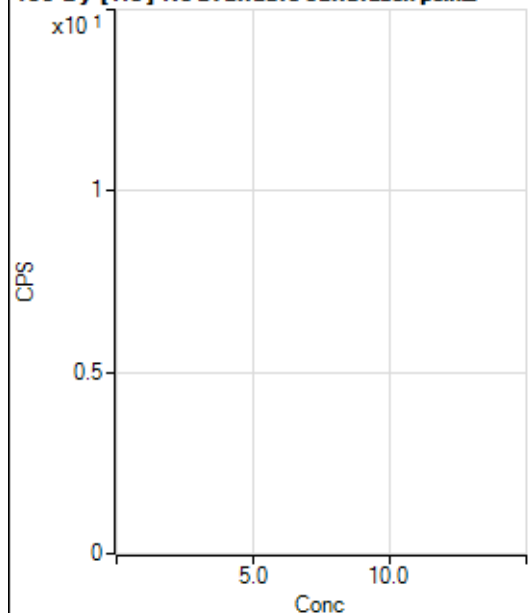
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			6.67		P	173.
4	☐			24.45		P	41.7
5	☐			108.89		P	36.9
6	☐			168.90		P	9.1
7	☐			386.69		P	11.9
8	☐			671.16		P	5.5
9	☐			111.12		P	21.1

150 Nd [He] No available calibration points

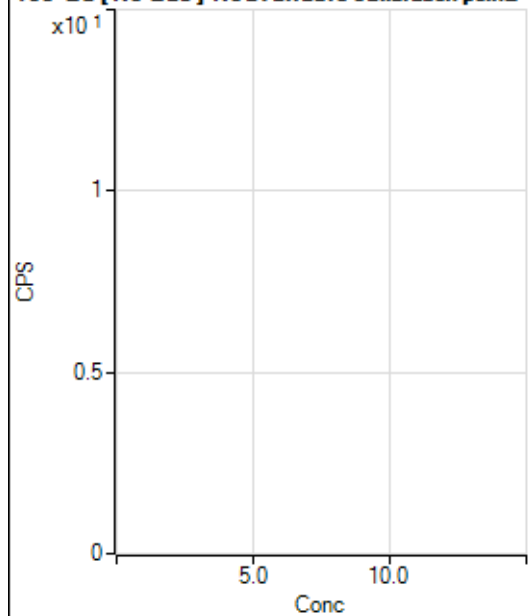
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			5.56		P	34.7
4	☐			10.00		P	66.7
5	☐			15.56		P	81.1
6	☐			24.45		P	15.8
7	☐			50.00		P	29.1
8	☐			95.56		P	17.6
9	☐			46.67		P	18.9

156 Dy [No Gas] No available calibration points

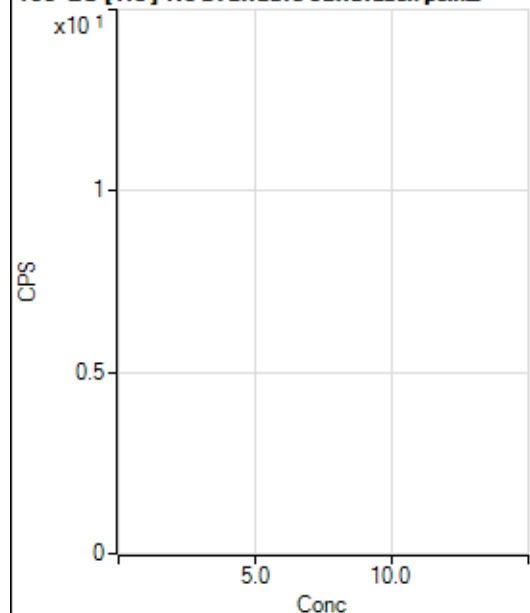
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			19.44		P	137.
4	☐			38.89		P	12.4
5	☐			25.00		P	57.7
6	☐			77.78		P	24.7
7	☐			91.67		P	41.7
8	☐			200.01		P	18.2
9	☐			125.01		P	6.7

156 Dy [He] No available calibration points

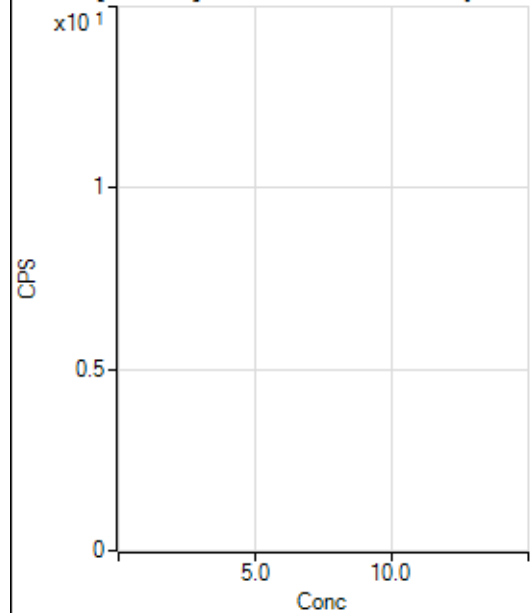
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			1.11		P	173.
4	☐			11.11		P	75.5
5	☐			20.00		P	16.7
6	☐			41.11		P	44.7
7	☐			85.56		P	34.9
8	☐			140.00		P	13.3
9	☐			44.44		P	11.5

160 Gd [No Gas] Noavailable calibration poin_

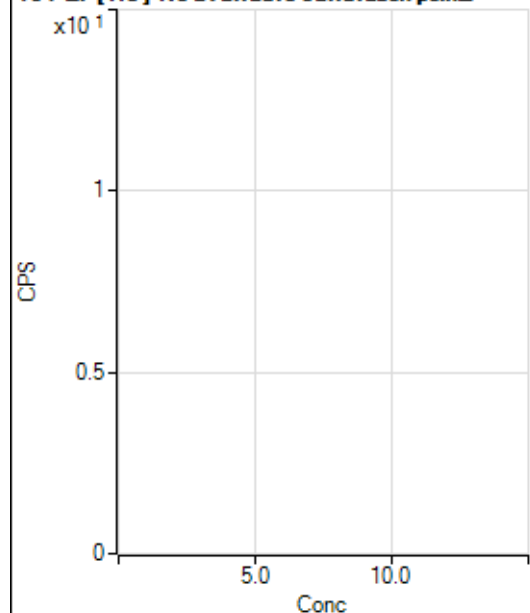
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	28.4
2	☐						
3	☐			88.90		P	48.1
4	☐			113.89		P	22.4
5	☐			122.23		P	10.4
6	☐			119.45		P	24.5
7	☐			138.89		P	29.6
8	☐			172.23		P	7.4
9	☐			200.01		P	28.9

160 Gd [He] No available calibration points

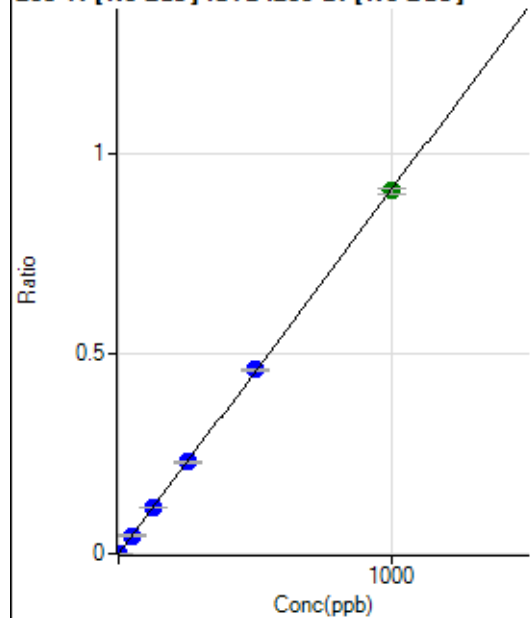
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			193.34		P	6.2
2	☐						
3	☐			215.56		P	9.4
4	☐			216.67		P	17.7
5	☐			205.56		P	11.4
6	☐			213.34		P	13.9
7	☐			201.12		P	12.9
8	☐			222.23		P	9.0
9	☐			240.01		P	12.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	27.0
2	☐						
3	☐			52.78		P	24.1
4	☐			52.78		P	32.9
5	☐			50.00		P	44.1
6	☐			38.89		P	32.7
7	☐			55.56		P	31.2
8	☐			80.56		P	31.6
9	☐			88.90		P	21.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	11.1
2	☐						
3	☐			40.00		P	33.3
4	☐			22.22		P	62.4
5	☐			23.33		P	86.9
6	☐			34.44		P	5.6
7	☐			36.67		P	24.0
8	☐			32.22		P	15.8
9	☐			36.67		P	18.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	38.6
2	☐	0.100					
3	☐	1.000	0.925	8202.91	0.0009	P	2.0
4	☐	50.000	49.862	444287.94	0.0455	P	2.5
5	☐	125.000	126.045	1123868.33	0.1150	P	1.3
6	☐	250.000	251.487	2242868.80	0.2295	P	2.0
7	☐	500.000	505.936	4743509.39	0.4616	P	1.0
8	☐	1000.000	996.537	9112117.22	0.9092	A	1.6
9	☐			3603.44	0.0004	P	5.2

$$y = 9.1238\text{E-}004 * x + 7.7286\text{E-}006$$

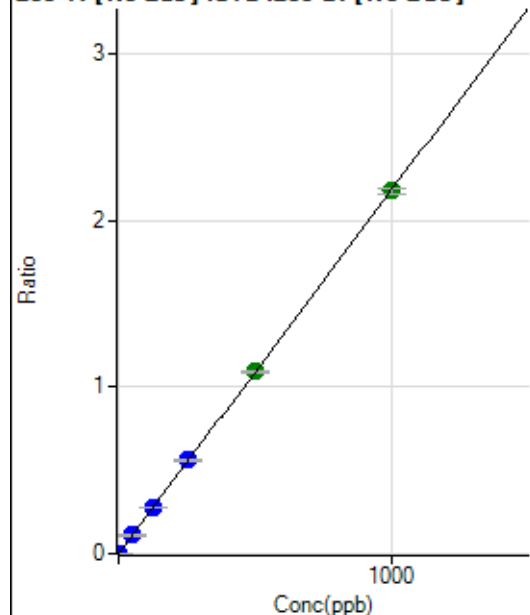
$$R = 1.0000$$

$$DL = 0.009822$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.930	19748.84	0.0020	P	1.5
4	☐	50.000	50.267	1070137.72	0.1096	P	2.0
5	☐	125.000	128.155	2729778.43	0.2794	P	1.0
6	☐	250.000	256.897	5473318.79	0.5600	P	2.2
7	☐	500.000	499.928	11196067.61	1.0897	A	1.6
8	☐	1000.000	997.904	21799452.92	2.1751	A	1.2
9	☐			8622.61	0.0009	P	5.2

$$y = 0.0022 * x + 2.1521E-005$$

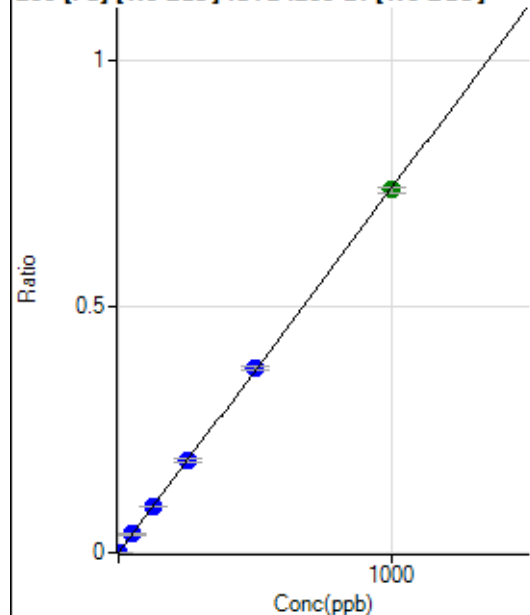
$$R = 1.0000$$

$$DL = 0.003303$$

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	374.09	0.0000	P	16.1
2	☐	0.100					
3	☐	1.000	0.925	6966.85	0.0007	P	4.9
4	☐	50.000	50.251	363831.09	0.0373	P	2.9
5	☐	125.000	127.058	920113.34	0.0942	P	1.8
6	☐	250.000	253.201	1833442.70	0.1876	P	3.0
7	☐	500.000	506.555	3856270.48	0.3753	P	2.0
8	☐	1000.000	995.653	7391753.46	0.7376	A	1.7
9	☐			18227.82	0.0019	P	4.0

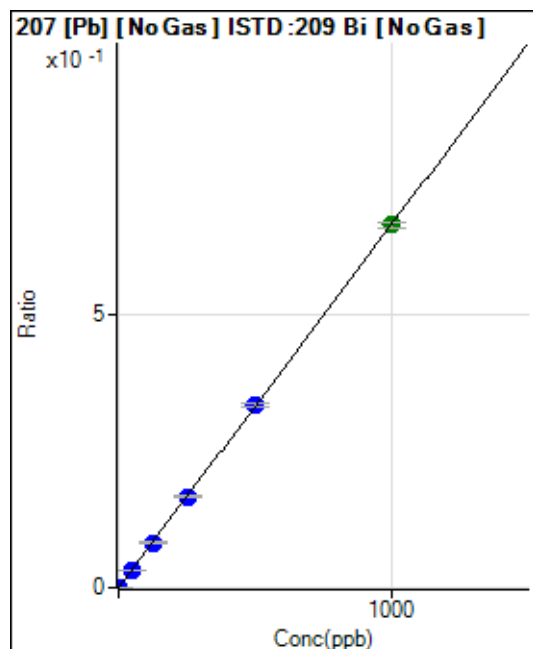
$$y = 7.4075E-004 * x + 3.8629E-005$$

$$R = 1.0000$$

$$DL = 0.02524$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	368.53	0.0000	P	7.2
2	☐	0.100					
3	☐	1.000	0.960	6531.42	0.0007	P	3.2
4	☐	50.000	49.840	324930.27	0.0333	P	1.3
5	☐	125.000	124.340	810544.41	0.0829	P	1.7
6	☐	250.000	250.751	1634379.59	0.1672	P	3.3
7	☐	500.000	501.280	3434777.62	0.3343	P	1.9
8	☐	1000.000	999.263	6677534.64	0.6663	A	1.8
9	☐			15516.81	0.0016	P	2.9

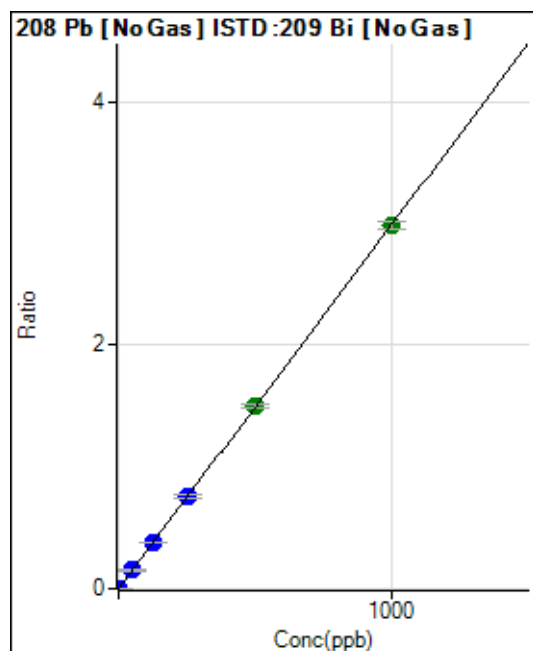
$$y = 6.6676\text{E-}004 * x + 3.8117\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01241$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1607.49	0.0002	P	1.8
2	☐	0.100					
3	☐	1.000	0.926	28232.76	0.0029	P	2.7
4	☐	50.000	50.223	1466679.04	0.1502	P	2.1
5	☐	125.000	126.325	3689355.37	0.3775	P	2.0
6	☐	250.000	253.471	7401828.63	0.7573	P	2.9
7	☐	500.000	502.863	15437293.48	1.5023	A	1.6
8	☐	1000.000	997.524	29863881.86	2.9800	A	2.0
9	☐			71322.55	0.0074	P	1.4

$$y = 0.0030 * x + 1.6610\text{E-}004$$

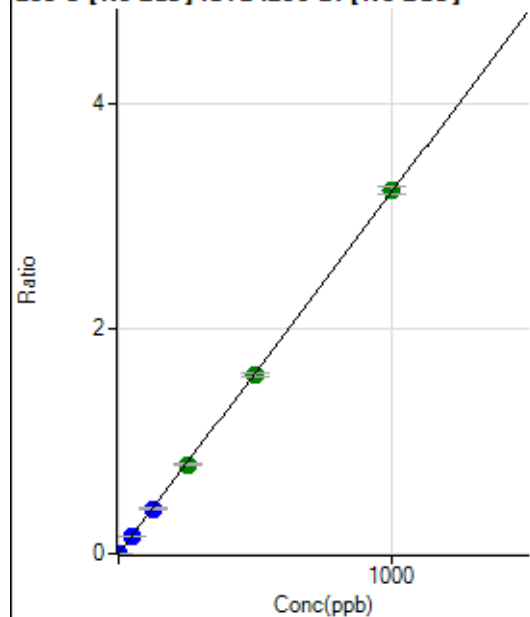
$$R = 1.0000$$

$$DL = 0.003049$$

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	116.67	0.0000	P	37.2
2	☐	0.100					
3	☐	1.000	0.877	27282.37	0.0028	P	3.3
4	☐	50.000	48.659	1527595.61	0.1564	P	3.0
5	☐	125.000	124.877	3923075.52	0.4015	P	1.3
6	☐	250.000	246.077	7732342.19	0.7911	A	2.5
7	☐	500.000	494.963	16353626.75	1.5912	A	1.4
8	☐	1000.000	1003.582	32332812.53	3.2264	A	2.2
9	☐			1861.33	0.0002	P	9.7

$$y = 0.0032 * x + 1.2107E-005$$

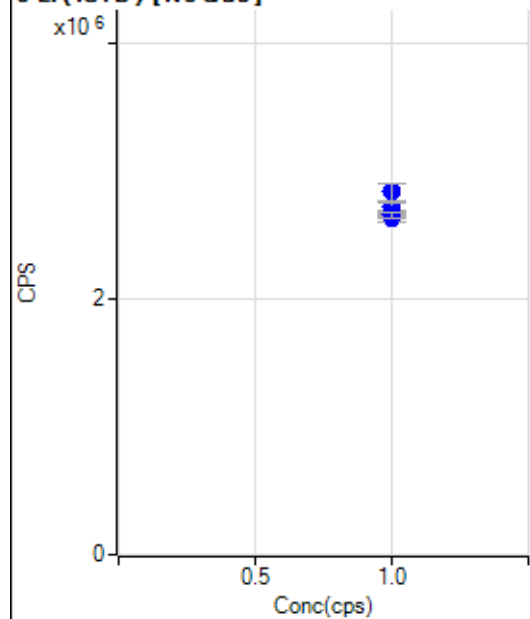
$$R = 1.0000$$

$$DL = 0.004205$$

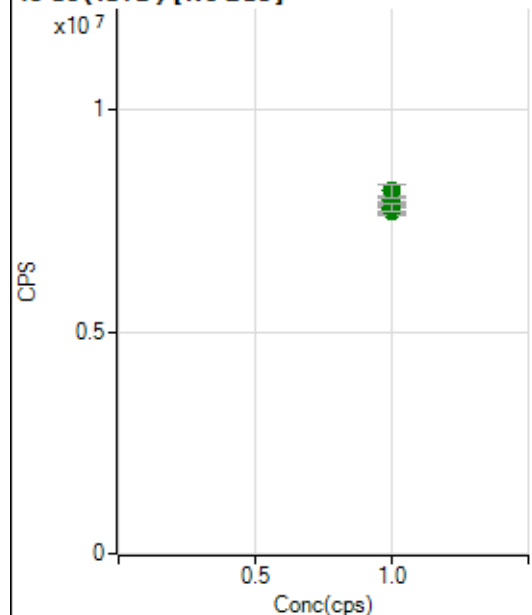
Weight: <None>

Min Conc: 0

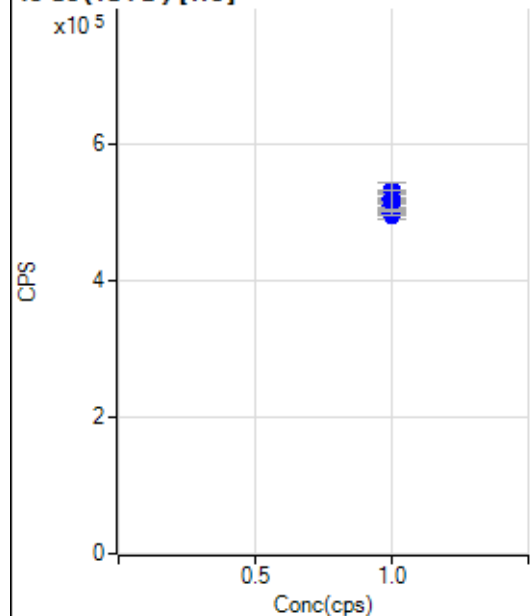
6 Li (ISTD) [No Gas]



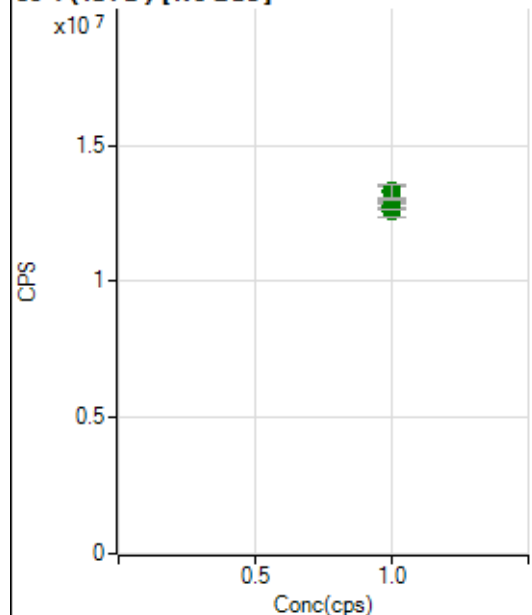
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2623434.72		P	1.4
2	☐	1.000					
3	☐	1.000		2640328.10		P	2.6
4	☐	1.000		2718770.03		P	2.4
5	☐	1.000		2648844.94		P	0.8
6	☐	1.000		2654012.55		P	2.3
7	☐	1.000		2720000.86		P	2.0
8	☐	1.000		2657521.35		P	1.5
9	☐	1.000		2835552.01		P	4.5

45 Sc (ISTD) [No Gas]

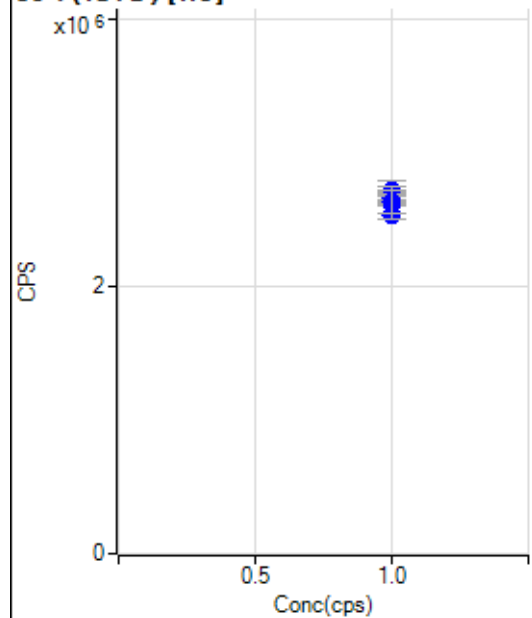
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7775049.83		A	2.2
2	☐	1.000					
3	☐	1.000		7723398.96		A	2.6
4	☐	1.000		7799494.18		A	3.0
5	☐	1.000		7734191.66		A	1.2
6	☐	1.000		7750755.99		A	2.9
7	☐	1.000		7959747.40		A	2.7
8	☐	1.000		7801405.90		A	2.3
9	☐	1.000		8175649.84		A	3.7

45 Sc (ISTD) [He]

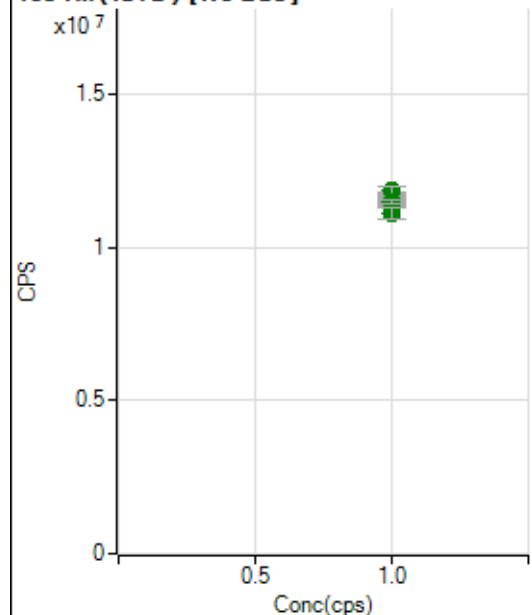
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		527199.90		P	1.6
2	☐	1.000					
3	☐	1.000		495900.62		P	1.8
4	☐	1.000		532312.77		P	5.0
5	☐	1.000		509399.07		P	2.3
6	☐	1.000		510824.35		P	1.4
7	☐	1.000		521991.67		P	2.6
8	☐	1.000		498500.18		P	1.2
9	☐	1.000		519665.49		P	5.8

89 Y (ISTD) [No Gas]

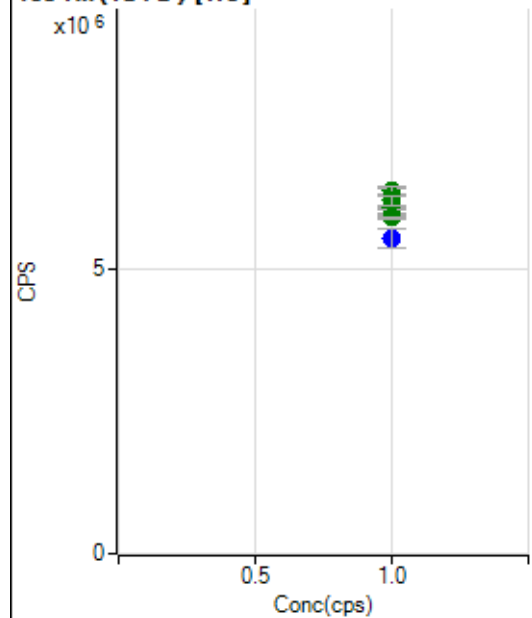
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12775935.09		A	2.1
2	☐	1.000					
3	☐	1.000		12545320.51		A	2.9
4	☐	1.000		12800309.53		A	2.7
5	☐	1.000		12693413.42		A	0.5
6	☐	1.000		12740055.09		A	1.8
7	☐	1.000		13281118.97		A	3.0
8	☐	1.000		13017658.42		A	0.6
9	☐	1.000		13322859.94		A	3.8

89 Y (ISTD) [He]

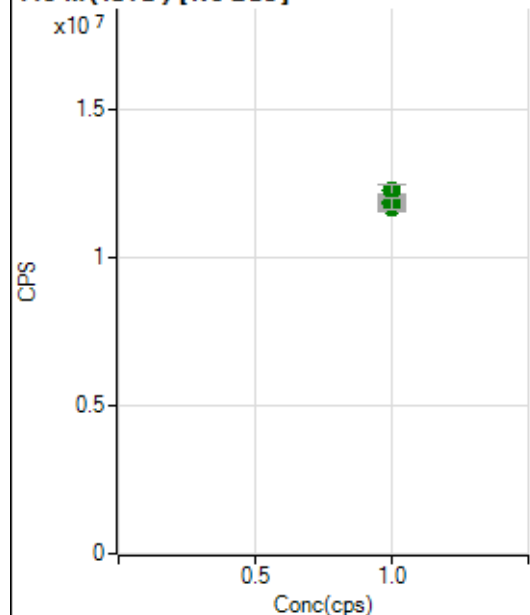
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2695640.31		P	1.2
2	☐	1.000					
3	☐	1.000		2528063.35		P	1.8
4	☐	1.000		2715647.93		P	5.2
5	☐	1.000		2626539.02		P	1.7
6	☐	1.000		2657881.87		P	1.1
7	☐	1.000		2714621.35		P	2.1
8	☐	1.000		2626078.78		P	0.7
9	☐	1.000		2634327.08		P	6.3

103 Rh (ISTD) [No Gas]

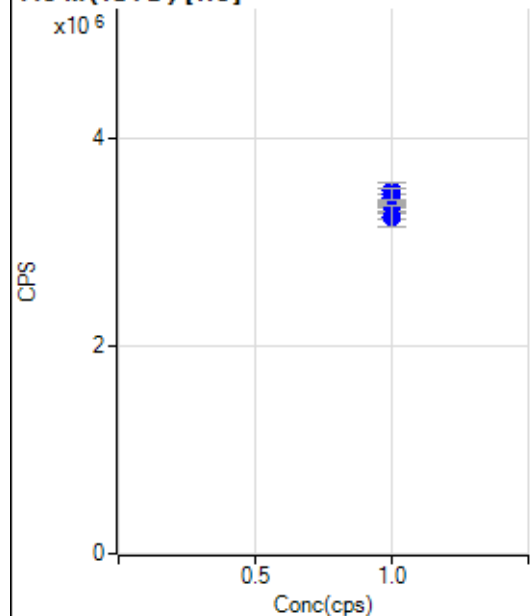
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11658892.80		A	2.1
2	☐	1.000					
3	☐	1.000		11506297.83		A	2.3
4	☐	1.000		11672537.67		A	2.4
5	☐	1.000		11545338.10		A	0.6
6	☐	1.000		11502050.60		A	1.3
7	☐	1.000		11858389.85		A	2.5
8	☐	1.000		11500868.40		A	1.1
9	☐	1.000		11119563.27		A	3.8

103 Rh (ISTD) [He]

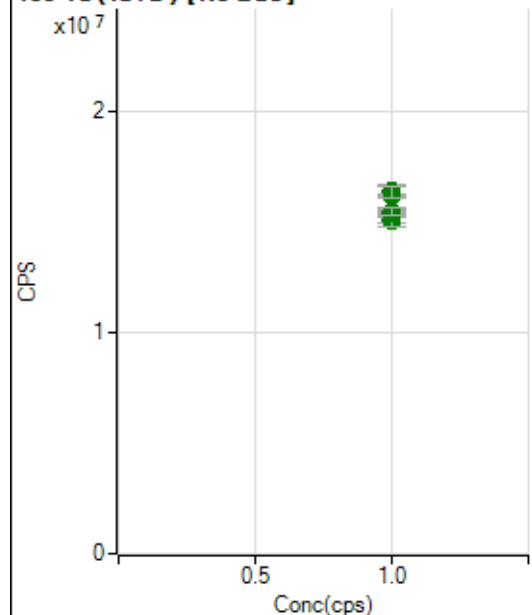
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6365571.36		A	1.5
2	☐	1.000					
3	☐	1.000		5903894.22		M	1.4
4	☐	1.000		6283285.19		A	5.2
5	☐	1.000		6027900.53		A	1.5
6	☐	1.000		6072195.26		A	1.1
7	☐	1.000		6192667.55		A	2.9
8	☐	1.000		5887882.27		A	1.0
9	☐	1.000		5547517.14		P	6.0

115 In (ISTD) [No Gas]

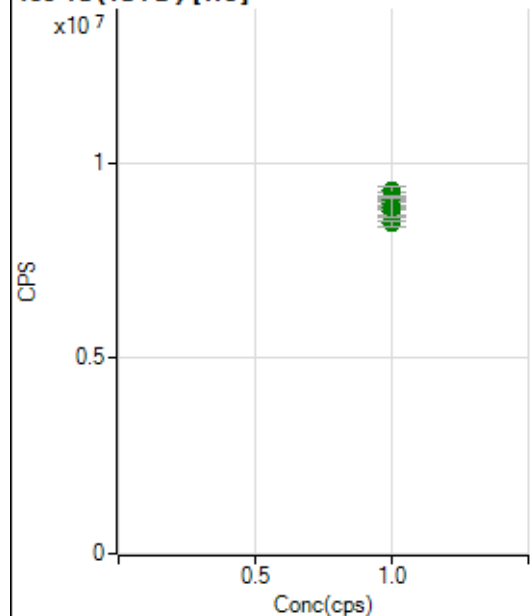
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11875845.04		A	1.8
2	☐	1.000					
3	☐	1.000		11732542.29		A	2.5
4	☐	1.000		12022327.73		A	2.3
5	☐	1.000		11816187.95		A	1.7
6	☐	1.000		11832114.02		A	2.1
7	☐	1.000		12267333.35		A	3.1
8	☐	1.000		11922312.68		A	1.1
9	☐	1.000		11816531.83		A	3.5

115 In (ISTD) [He]

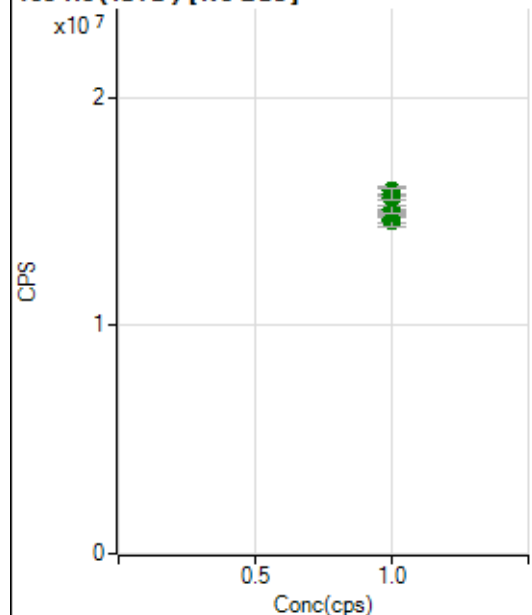
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3431390.33		P	1.5
2	☐	1.000					
3	☐	1.000		3248253.58		P	1.9
4	☐	1.000		3492768.74		P	5.0
5	☐	1.000		3365460.80		P	2.2
6	☐	1.000		3385543.23		P	0.7
7	☐	1.000		3459782.64		P	3.0
8	☐	1.000		3289038.19		P	0.6
9	☐	1.000		3245911.75		P	6.0

159 Tb (ISTD) [No Gas]

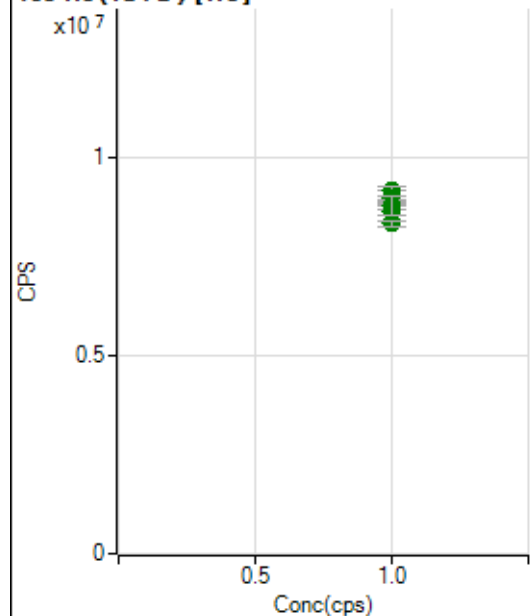
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15180062.83		A	2.4
2	☐	1.000					
3	☐	1.000		15062436.72		A	3.1
4	☐	1.000		15401746.85		A	2.2
5	☐	1.000		15388994.49		A	1.1
6	☐	1.000		15488415.32		A	1.8
7	☐	1.000		16414050.03		A	3.1
8	☐	1.000		16223224.62		A	0.7
9	☐	1.000		16336198.92		A	3.1

159 Tb (ISTD) [He]

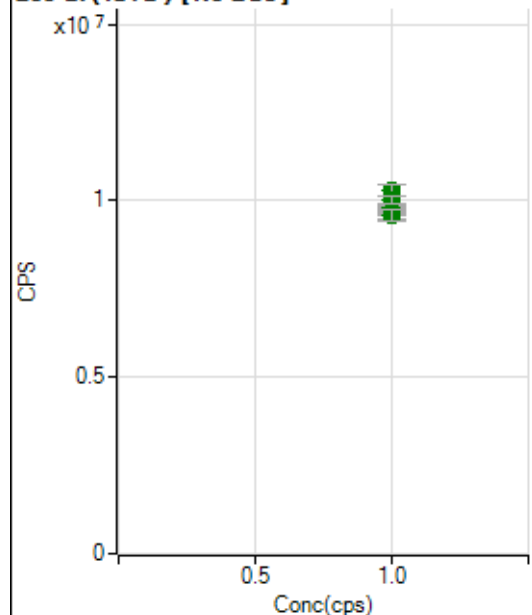
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9008199.79		A	0.6
2	☐	1.000					
3	☐	1.000		8436636.40		A	1.6
4	☐	1.000		9023566.32		A	5.3
5	☐	1.000		8747528.76		A	2.3
6	☐	1.000		8945815.28		A	0.9
7	☐	1.000		9276677.64		A	2.9
8	☐	1.000		9052925.35		A	1.2
9	☐	1.000		8873172.23		A	5.7

165 Ho (ISTD) [No Gas]

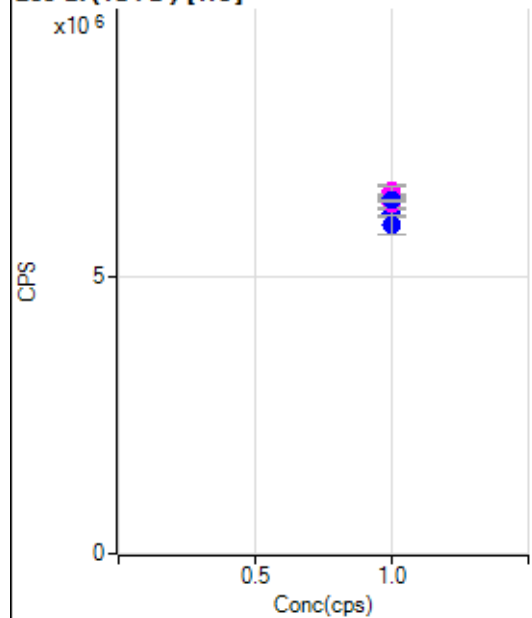
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14646743.21		A	1.4
2	☐	1.000					
3	☐	1.000		14579499.29		A	3.2
4	☐	1.000		14927439.39		A	2.5
5	☐	1.000		14944363.18		A	1.4
6	☐	1.000		15096159.19		A	2.3
7	☐	1.000		15911586.81		A	2.6
8	☐	1.000		15629121.88		A	1.5
9	☐	1.000		15775368.75		A	3.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8821785.42		A	0.5
2	☐	1.000					
3	☐	1.000		8323903.14		A	1.6
4	☐	1.000		8935562.64		A	5.5
5	☐	1.000		8642035.91		A	2.7
6	☐	1.000		8846989.73		A	1.0
7	☐	1.000		9147470.42		A	2.4
8	☐	1.000		8965377.37		A	1.3
9	☐	1.000		8788581.19		A	5.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9676037.29		A	1.7
2	☐	1.000					
3	☐	1.000		9637187.57		A	3.0
4	☐	1.000		9768639.65		A	2.6
5	☐	1.000		9771134.92		A	1.1
6	☐	1.000		9777280.55		A	2.1
7	☐	1.000		10275143.95		A	3.2
8	☐	1.000		10023766.52		A	1.8
9	☐	1.000		9572178.82		A	3.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6440754.00		M	1.8
2	☐	1.000					
3	☐	1.000		6161175.88		P	2.3
4	☐	1.000		6565550.25		M	3.9
5	☐	1.000		6318123.10		M	1.7
6	☐	1.000		6426710.60		P	1.3
7	☐	1.000		6547912.12		M	2.5
8	☐	1.000		6394054.42		P	0.8
9	☐	1.000		5952255.26		P	5.5

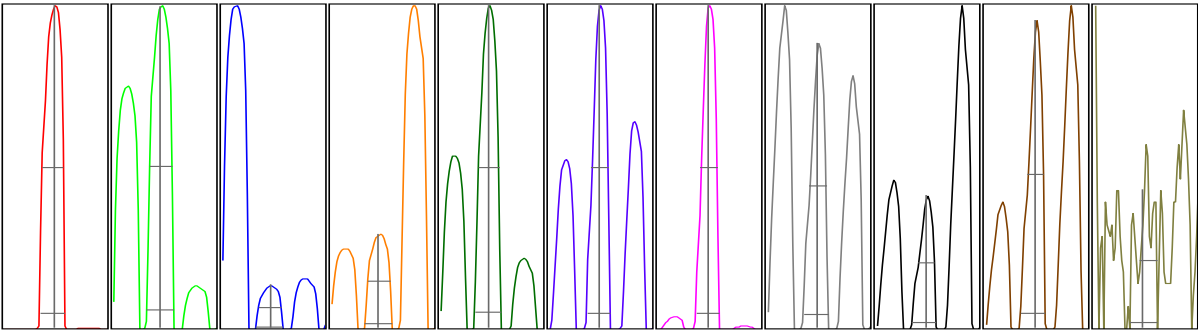
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P70302318 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	29626	1.05	5.00		
24	131484	1.47	5.00		
25	17773	1.12	5.00		
26	20769	1.14	5.00		
59	265798	1.29	5.00		
113	37010	0.97	5.00		
115	614439	0.86	5.00		
206	89578	2.27	5.00		
207	79322	2.10	5.00		
208	188536	1.93	5.00		
220	0	51.52			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	29122	29582	29775	29947	29702
24	128524	131209	132831	133538	131318
25	17491	17692	17780	18016	17884
26	20490	20698	20639	21077	20942
59	261894	266812	262573	269780	267931
113	36451	37326	36942	37007	37324
115	608465	620949	609625	616210	616948
206	86491	89495	89566	90197	92138
207	77356	79247	78382	79830	81797
208	184465	187400	186461	190724	193631
220	0	0	1	0	1

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	50217	9.00	8.9 - 9.1		0.739	0.900	
24	214672	23.90	23.9 - 24.1		0.784	0.900	
25	28793	24.95	24.9 - 25.1		0.786	0.900	
26	33726	25.90	25.9 - 26.1		0.784	0.900	
59	483292	58.95	58.9 - 59.1		0.773	0.900	
113	77836	113.00	112.9 - 113.1		0.685	0.900	
115	1313139	115.00	114.9 - 115.1		0.683	0.900	
206	191559	206.00	205.9 - 206.1		0.730	0.900	
207	170312	207.00	206.9 - 207.1		0.691	0.900	
208	414839	208.00	207.9 - 208.1		0.712	0.900	
220	1	219.95	-		0.794		

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	12.7	V	Deflect	14.8	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	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	180	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	79114	2.21	
89	1879	6.05	
205	64265	2.57	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	76860	77791	81161	79959	79798
89	2004	1919	1953	1752	1767
205	62242	62828	65922	64739	65595

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	14.4	V	Deflect	1.2	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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	170	V			

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.10	-0.28	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.03	0.02	-0.05	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.23	0.20	-0.43	0.00	N/A	ppb
Boron	11-1	0.35	-0.12	-0.23	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.11	-0.27	0.38	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	0.44	-4.00	3.56	0.00	N/A	ppb
Calcium	44-1	0.69	-0.71	0.01	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.00	0.01	0.00	N/A	ppb
Iron	57-2	-0.46	0.79	-0.33	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	-0.12	0.12	0.00	N/A	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	10.86	1.01	-16.19	-1.44		ppb
Potassium	39-2	0.88	-2.79	1.90	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	0.13	-0.11	0.00	N/A	ppb
Selenium	82-1	0.03	0.06	-0.09	0.00	N/A	ppb
Silicon	28-1	0.98	-1.09	0.11	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	1.03	-0.54	-0.49	0.00	N/A	ppb
Strontium	86-1	0.08	-0.03	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-99.09	-229.31	-83.76	-137.38		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	0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

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

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.78	16.94	15.63	16.45	4.33	ppb
Antimony	121-1	1.87	1.81	1.90	1.86	2.24	ppb
Arsenic	75-1	1.06	0.67	0.90	0.88	22.66	ppb
Barium	135-1	9.35	9.09	9.64	9.36	2.93	ppb
Barium	137-1	9.12	9.24	9.55	9.31	2.38	ppb
Beryllium	9-1	0.83	0.92	0.97	0.90	7.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	22.61	23.03	22.89	22.84	0.92	ppb
Boron	11-1	21.94	22.55	23.73	22.74	4.02	ppb
Cadmium	111-1	0.90	0.93	1.06	0.96	8.55	ppb
Cadmium	106-1	0.76	0.19	0.30	0.42	72.72	ppb
Cadmium	108-1	0.69	0.81	0.93	0.81	14.75	ppb
Calcium	43-1	400.25	406.59	433.56	413.47	4.28	ppb
Calcium	44-1	416.43	416.60	439.99	424.34	3.19	ppb
Chromium	52-2	1.99	1.98	2.04	2.00	1.74	ppb
Cobalt	59-2	0.93	0.98	0.97	0.96	2.45	ppb
Copper	63-2	2.01	2.01	1.90	1.97	3.25	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				100		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	44.36	45.67	44.74	44.92	1.49	ppb
Iron	57-2	44.29	44.99	44.47	44.58	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.98	0.92	5.17	ppb
Lead	207-1	0.94	0.94	1.00	0.96	3.42	ppb
Lead	208-1	0.90	0.93	0.95	0.93	2.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	440.42	444.41	437.32	440.72	0.81	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.02	0.96	1.00	3.40	ppb
Molybdenum	94-1	4.51	4.68	4.67	4.62	2.13	ppb
Molybdenum	95-1	4.32	4.53	4.56	4.47	2.87	ppb
Molybdenum	96-1	4.40	4.55	4.52	4.49	1.79	ppb
Molybdenum	97-1	4.32	4.26	4.44	4.34	2.11	ppb
Molybdenum	98-1	4.42	4.38	4.67	4.49	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.07	0.98	1.03	4.32	ppb
Phosphorus	31-2	-1.99	9.00	-2.69	1.44	454.95	ppb
Potassium	39-2	436.70	442.97	432.35	437.34	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	3.77	5.37	4.88	4.67	17.57	ppb
Selenium	78-2	4.88	5.42	5.77	5.36	8.38	ppb
Selenium	82-1	3.88	4.12	4.74	4.25	10.48	ppb
Silicon	28-1	10.83	13.23	15.31	13.12	17.09	ppb
Silver	109-1	0.98	0.91	0.99	0.96	4.36	ppb
Silver	107-1	0.98	0.94	0.98	0.97	2.69	ppb
Sodium	23-2	420.77	428.50	420.67	423.32	1.06	ppb
Strontium	86-1	0.88	0.86	0.93	0.89	3.64	ppb
Strontium	88-1	0.95	0.92	0.97	0.94	2.78	ppb
Sulfur	34-1	-91.66	118.31	385.51	137.38	174.08	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.90	0.94	0.94	0.92	2.00	ppb
Thallium	205-1	0.93	0.92	0.94	0.93	1.50	ppb
Tin	118-1	4.72	4.58	4.71	4.67	1.59	ppb
Titanium	47-1	4.44	4.45	4.58	4.49	1.65	ppb
Uranium	238-1	0.87	0.85	0.91	0.88	3.29	ppb
Vanadium	51-2	4.49	4.58	4.51	4.53	1.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	2.16	2.04	2.08	2.09	2.71	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.93	0.98	0.95	2.74	ppb
Zirconium	91-1	0.91	0.93	0.93	0.92	1.06	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	946.68	936.50	905.95	929.71	2.28	ppb
Antimony	121-1	50.81	50.42	52.00	51.08	1.62	ppb
Arsenic	75-1	50.51	49.75	51.42	50.56	1.66	ppb
Barium	135-1	255.34	254.91	259.81	256.68	1.06	ppb
Barium	137-1	258.45	253.75	256.41	256.20	0.92	ppb
Beryllium	9-1	51.24	51.99	54.06	52.43	2.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	48.28	49.26	51.95	49.83	3.81	ppb
Boron	11-1	49.40	50.31	52.32	50.68	2.94	ppb
Cadmium	111-1	53.13	53.56	54.08	53.59	0.89	ppb
Cadmium	106-1	53.25	53.45	54.06	53.59	0.79	ppb
Cadmium	108-1	53.94	50.32	54.59	52.95	4.34	ppb
Calcium	43-1	4637.20	4730.77	4869.35	4745.77	2.46	ppb
Calcium	44-1	4675.52	4735.26	4906.86	4772.55	2.52	ppb
Chromium	52-2	51.86	50.80	49.56	50.74	2.27	ppb
Cobalt	59-2	52.11	51.58	49.66	51.11	2.52	ppb
Copper	63-2	107.08	104.77	102.37	104.74	2.25	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	2468.03	2448.09	2383.13	2433.08	1.82	ppb
Iron	57-2	2468.79	2431.62	2398.20	2432.87	1.45	ppb
Krypton	83-1						cps
Lead	206-1	49.14	49.73	51.89	50.25	2.88	ppb
Lead	207-1	49.53	49.41	50.57	49.84	1.28	ppb
Lead	208-1	49.56	49.67	51.43	50.22	2.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	4993.07	4904.23	4792.65	4896.65	2.05	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.39	100.74	97.93	100.35	2.25	ppb
Molybdenum	94-1	247.40	250.24	257.72	251.79	2.12	ppb
Molybdenum	95-1	244.58	248.92	254.82	249.44	2.06	ppb
Molybdenum	96-1	244.52	249.96	256.34	250.27	2.36	ppb
Molybdenum	97-1	242.70	247.30	255.55	248.52	2.62	ppb
Molybdenum	98-1	244.68	248.82	256.82	250.11	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.07	52.67	51.01	52.25	2.10	ppb
Phosphorus	31-2	1093.89	1036.29	1002.41	1044.20	4.43	ppb
Potassium	39-2	2408.74	2366.61	2304.58	2359.98	2.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	55.85	63.71	55.24	58.27	8.10	ppb
Selenium	78-2	55.50	51.41	48.69	51.86	6.61	ppb
Selenium	82-1	52.80	50.76	53.64	52.40	2.83	ppb
Silicon	28-1	58.27	60.13	65.31	61.24	5.96	ppb
Silver	109-1	53.02	52.42	53.87	53.10	1.37	ppb
Silver	107-1	53.51	52.63	54.19	53.44	1.46	ppb
Sodium	23-2	4790.00	4716.36	4600.47	4702.28	2.03	ppb
Strontium	86-1	49.08	50.69	51.96	50.58	2.85	ppb
Strontium	88-1	49.95	50.47	52.03	50.82	2.13	ppb
Sulfur	34-1	1011.91	1020.04	1470.94	1167.63	22.50	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.49	48.84	51.25	49.86	2.51	ppb
Thallium	205-1	49.61	49.75	51.44	50.27	2.02	ppb
Tin	118-1	51.21	50.92	52.46	51.53	1.58	ppb
Titanium	47-1	249.26	251.91	257.31	252.83	1.62	ppb
Uranium	238-1	47.27	48.50	50.20	48.66	3.03	ppb
Vanadium	51-2	50.13	49.94	48.79	49.62	1.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	106.15	104.64	100.89	103.89	2.61	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.37	49.71	51.25	50.11	2.00	ppb
Zirconium	91-1	48.24	48.91	49.91	49.02	1.72	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2251.70	2276.13	2343.63	2290.48	2.08	ppb
Antimony	121-1	128.28	126.07	130.62	128.32	1.78	ppb
Arsenic	75-1	127.59	125.31	128.22	127.04	1.21	ppb
Barium	135-1	636.45	634.99	655.37	642.27	1.77	ppb
Barium	137-1	643.55	637.88	659.09	646.84	1.70	ppb
Beryllium	9-1	132.49	127.23	132.57	130.76	2.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	126.78	125.92	127.43	126.71	0.60	ppb
Boron	11-1	127.64	128.84	132.85	129.78	2.10	ppb
Cadmium	111-1	133.71	130.54	133.81	132.69	1.40	ppb
Cadmium	106-1	136.33	133.38	134.60	134.77	1.10	ppb
Cadmium	108-1	135.56	129.75	136.25	133.85	2.67	ppb
Calcium	43-1	11997.37	11953.74	12374.60	12108.57	1.91	ppb
Calcium	44-1	12016.32	11859.55	12184.50	12020.12	1.35	ppb
Chromium	52-2	122.53	126.41	128.78	125.91	2.51	ppb
Cobalt	59-2	124.97	127.95	129.66	127.53	1.86	ppb
Copper	63-2	254.21	261.09	263.58	259.63	1.87	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				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	5930.70	6082.05	6193.23	6068.66	2.17	ppb
Iron	57-2	5926.16	6061.91	6160.91	6049.66	1.95	ppb
Krypton	83-1						cps
Lead	206-1	126.47	125.13	129.58	127.06	1.80	ppb
Lead	207-1	124.51	122.11	126.41	124.34	1.73	ppb
Lead	208-1	126.39	123.75	128.83	126.32	2.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	11971.44	12227.72	12563.55	12254.24	2.42	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	244.49	254.34	257.80	252.21	2.74	ppb
Molybdenum	94-1	639.86	631.32	651.79	640.99	1.60	ppb
Molybdenum	95-1	632.50	630.69	650.69	637.96	1.73	ppb
Molybdenum	96-1	633.60	630.50	642.18	635.43	0.95	ppb
Molybdenum	97-1	631.24	624.72	638.80	631.59	1.12	ppb
Molybdenum	98-1	644.80	633.12	648.02	641.98	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.81	129.02	132.50	129.11	2.59	ppb
Phosphorus	31-2	2527.98	2579.87	2730.37	2612.74	4.02	ppb
Potassium	39-2	5795.71	5951.62	6061.69	5936.34	2.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	130.35	122.77	128.04	127.05	3.06	ppb
Selenium	78-2	129.18	130.56	132.70	130.81	1.36	ppb
Selenium	82-1	130.53	126.40	132.15	129.69	2.29	ppb
Silicon	28-1	158.06	160.02	164.36	160.82	2.01	ppb
Silver	109-1	133.98	130.43	135.43	133.28	1.93	ppb
Silver	107-1	132.74	132.24	135.81	133.60	1.45	ppb
Sodium	23-2	11455.59	11696.54	11932.84	11694.99	2.04	ppb
Strontium	86-1	129.59	126.41	130.59	128.86	1.69	ppb
Strontium	88-1	127.59	126.05	131.49	128.38	2.19	ppb
Sulfur	34-1	2761.02	2856.79	2918.03	2845.28	2.78	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	126.86	124.13	127.14	126.04	1.32	ppb
Thallium	205-1	128.33	126.82	129.31	128.15	0.98	ppb
Tin	118-1	131.03	127.51	133.57	130.70	2.33	ppb
Titanium	47-1	636.29	624.94	639.98	633.74	1.24	ppb
Uranium	238-1	124.17	123.79	126.67	124.88	1.25	ppb
Vanadium	51-2	121.92	125.86	126.84	124.87	2.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	251.46	260.06	264.46	258.66	2.56	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.73	124.89	128.61	127.41	1.71	ppb
Zirconium	91-1	126.41	124.12	126.83	125.79	1.16	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4506.20	4592.62	4701.83	4600.22	2.13	ppb
Antimony	121-1	248.61	254.62	263.17	255.47	2.86	ppb
Arsenic	75-1	247.46	247.97	259.98	251.80	2.81	ppb
Barium	135-1	1244.96	1282.81	1312.21	1279.99	2.63	ppb
Barium	137-1	1267.21	1297.34	1322.02	1295.53	2.12	ppb
Beryllium	9-1	251.06	255.04	262.95	256.35	2.36	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	248.39	252.81	264.00	255.07	3.16	ppb
Boron	11-1	249.44	254.49	264.17	256.03	2.92	ppb
Cadmium	111-1	256.45	261.10	269.00	262.18	2.42	ppb
Cadmium	106-1	255.44	264.43	267.97	262.61	2.46	ppb
Cadmium	108-1	259.14	256.36	265.44	260.31	1.79	ppb
Calcium	43-1	23345.71	23454.85	24765.18	23855.25	3.31	ppb
Calcium	44-1	23218.87	23380.40	24493.11	23697.46	2.93	ppb
Chromium	52-2	248.08	251.20	258.60	252.63	2.14	ppb
Cobalt	59-2	252.52	253.61	260.95	255.69	1.79	ppb
Copper	63-2	509.72	519.75	527.61	519.03	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	11897.32	12076.56	12333.82	12102.57	1.81	ppb
Iron	57-2	11882.38	12123.34	12395.24	12133.65	2.11	ppb
Krypton	83-1						cps
Lead	206-1	246.94	250.84	261.83	253.20	3.05	ppb
Lead	207-1	242.96	250.01	259.28	250.75	3.27	ppb
Lead	208-1	247.38	251.23	261.80	253.47	2.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	23767.75	24085.42	24450.64	24101.27	1.42	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	496.49	502.10	514.08	504.22	1.78	ppb
Molybdenum	94-1	1267.78	1266.18	1316.77	1283.58	2.24	ppb
Molybdenum	95-1	1240.31	1244.67	1283.93	1256.30	1.91	ppb
Molybdenum	96-1	1229.13	1244.35	1281.07	1251.51	2.13	ppb
Molybdenum	97-1	1236.59	1254.52	1289.32	1260.14	2.13	ppb
Molybdenum	98-1	1231.82	1237.33	1285.89	1251.68	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.88	256.06	261.96	256.63	1.97	ppb
Phosphorus	31-2	5032.57	5017.49	5150.58	5066.88	1.44	ppb
Potassium	39-2	11668.61	11857.08	12206.90	11910.86	2.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	247.86	263.08	258.41	256.45	3.04	ppb
Selenium	78-2	258.56	249.35	262.51	256.81	2.63	ppb
Selenium	82-1	256.77	254.01	263.69	258.16	1.93	ppb
Silicon	28-1	316.21	322.37	347.03	328.54	4.97	ppb
Silver	109-1	258.61	261.68	269.08	263.12	2.05	ppb
Silver	107-1	256.69	258.52	270.03	261.75	2.76	ppb
Sodium	23-2	22892.43	23196.74	23632.78	23240.65	1.60	ppb
Strontium	86-1	250.42	249.26	262.02	253.90	2.78	ppb
Strontium	88-1	249.53	248.06	260.39	252.66	2.67	ppb
Sulfur	34-1	4942.78	5048.77	5586.02	5192.52	6.64	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	247.73	249.52	257.21	251.49	2.00	ppb
Thallium	205-1	252.75	254.76	263.19	256.90	2.16	ppb
Tin	118-1	251.12	257.23	264.60	257.65	2.62	ppb
Titanium	47-1	1237.37	1247.25	1293.59	1259.40	2.38	ppb
Uranium	238-1	241.47	243.79	252.97	246.08	2.47	ppb
Vanadium	51-2	245.32	249.00	254.17	249.49	1.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	503.49	511.39	525.04	513.31	2.12	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.17	253.47	259.04	254.56	1.59	ppb
Zirconium	91-1	246.42	250.55	258.78	251.92	2.50	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8847.27	9058.14	9256.33	9053.91	2.26	ppb
Antimony	121-1	504.40	506.53	516.88	509.27	1.31	ppb
Arsenic	75-1	496.49	503.03	507.92	502.48	1.14	ppb
Barium	135-1	2552.36	2486.80	2540.31	2526.49	1.38	ppb
Barium	137-1	2510.49	2503.46	2539.12	2517.69	0.75	ppb
Beryllium	9-1	503.09	512.40	517.15	510.88	1.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	492.91	507.94	536.21	512.35	4.29	ppb
Boron	11-1	498.13	509.88	526.81	511.61	2.82	ppb
Cadmium	111-1	505.61	503.58	520.33	509.84	1.79	ppb
Cadmium	106-1	500.36	502.46	527.45	510.09	2.95	ppb
Cadmium	108-1	513.06	515.99	523.38	517.48	1.03	ppb
Calcium	43-1	47226.98	46986.58	48577.14	47596.90	1.80	ppb
Calcium	44-1	47105.95	46798.00	47996.16	47300.04	1.32	ppb
Chromium	52-2	491.95	498.08	511.84	500.62	2.03	ppb
Cobalt	59-2	498.34	504.53	516.29	506.39	1.80	ppb
Copper	63-2	1001.33	1025.09	1048.56	1024.99	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	23523.97	23806.66	24488.14	23939.59	2.07	ppb
Iron	57-2	23627.25	24025.94	24616.34	24089.84	2.07	ppb
Krypton	83-1						cps
Lead	206-1	502.31	498.98	518.38	506.56	2.05	ppb
Lead	207-1	498.80	493.30	511.74	501.28	1.89	ppb
Lead	208-1	500.19	496.35	512.05	502.86	1.63	ppb
Lithium	6-1				104		%
Magnesium	24-2	46913.91	47703.24	48182.14	47599.76	1.35	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	975.54	1001.06	1024.62	1000.41	2.45	ppb
Molybdenum	94-1	2475.64	2493.90	2540.36	2503.30	1.33	ppb
Molybdenum	95-1	2470.86	2489.17	2550.91	2503.65	1.68	ppb
Molybdenum	96-1	2480.69	2462.86	2530.68	2491.41	1.41	ppb
Molybdenum	97-1	2489.47	2458.52	2537.68	2495.22	1.60	ppb
Molybdenum	98-1	2518.85	2474.85	2537.55	2510.42	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.37	505.73	515.29	505.13	2.07	ppb
Phosphorus	31-2	9658.64	9944.92	10196.99	9933.52	2.71	ppb
Potassium	39-2	22906.49	23151.18	23509.36	23189.01	1.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	492.82	508.26	524.56	508.54	3.12	ppb
Selenium	78-2	500.14	498.33	524.29	507.58	2.86	ppb
Selenium	82-1	503.36	503.82	512.05	506.41	0.97	ppb
Silicon	28-1	485.11	488.65	500.10	491.29	1.59	ppb
Silver	109-1	510.32	510.02	517.23	512.52	0.80	ppb
Silver	107-1	508.67	512.00	516.40	512.35	0.76	ppb
Sodium	23-2	45202.25	46147.63	46997.02	46115.63	1.95	ppb
Strontium	86-1	499.63	500.56	508.85	503.01	1.01	ppb
Strontium	88-1	499.58	499.13	511.65	503.45	1.41	ppb
Sulfur	34-1	10025.25	9879.73	10074.05	9993.01	1.01	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	502.76	503.09	511.95	505.94	1.03	ppb
Thallium	205-1	499.69	491.97	508.13	499.93	1.62	ppb
Tin	118-1	504.97	505.61	512.30	507.63	0.80	ppb
Titanium	47-1	2517.35	2517.78	2542.59	2525.91	0.57	ppb
Uranium	238-1	488.55	493.90	502.44	494.96	1.41	ppb
Vanadium	51-2	486.65	496.49	508.00	497.05	2.15	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	986.08	1010.04	1031.83	1009.32	2.27	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.05	504.21	510.18	503.81	1.30	ppb
Zirconium	91-1	494.96	500.74	505.11	500.27	1.02	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17785.35	17853.10	18260.41	17966.29	1.43	ppb
Antimony	121-1	989.72	985.43	1005.43	993.53	1.06	ppb
Arsenic	75-1	981.04	991.32	1021.72	998.03	2.12	ppb
Barium	135-1	4952.05	4929.20	5049.05	4976.77	1.28	ppb
Barium	137-1	4975.85	4919.96	5034.40	4976.74	1.15	ppb
Beryllium	9-1	980.46	987.76	1008.18	992.13	1.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	968.14	987.70	1021.37	992.41	2.71	ppb
Boron	11-1	971.94	983.91	1020.48	992.11	2.55	ppb
Cadmium	111-1	989.81	984.14	998.73	990.89	0.74	ppb
Cadmium	106-1	1001.58	973.60	996.02	990.40	1.50	ppb
Cadmium	108-1	971.97	988.96	1001.36	987.43	1.49	ppb
Calcium	43-1	92277.22	93998.79	96065.13	94113.71	2.02	ppb
Calcium	44-1	92014.56	93831.56	95972.05	93939.39	2.11	ppb
Chromium	52-2	987.97	988.59	1020.09	998.88	1.84	ppb
Cobalt	59-2	999.25	982.30	1003.49	995.01	1.13	ppb
Copper	63-2	1960.82	1953.51	2029.59	1981.31	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	46897.51	47095.57	48176.80	47389.96	1.45	ppb
Iron	57-2	47892.06	48241.95	49319.33	48484.45	1.53	ppb
Krypton	83-1						cps
Lead	206-1	977.53	997.82	1011.61	995.65	1.72	ppb
Lead	207-1	985.12	993.21	1019.46	999.26	1.80	ppb
Lead	208-1	979.54	994.68	1018.35	997.52	1.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	93164.82	93255.96	95168.02	93862.93	1.21	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1971.96	1985.01	2038.37	1998.45	1.76	ppb
Molybdenum	94-1	4983.03	4938.10	5042.47	4987.87	1.05	ppb
Molybdenum	95-1	4997.91	4945.77	5041.34	4995.01	0.96	ppb
Molybdenum	96-1	5006.92	4987.78	5013.10	5002.60	0.26	ppb
Molybdenum	97-1	5001.77	4943.77	5051.78	4999.10	1.08	ppb
Molybdenum	98-1	4972.75	4933.68	5070.31	4992.24	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.77	986.10	1020.59	995.15	2.24	ppb
Phosphorus	31-2	19882.40	20060.57	20057.68	20000.22	0.51	ppb
Potassium	39-2	45502.87	45519.24	46379.14	45800.42	1.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	996.29	969.29	1014.77	993.45	2.30	ppb
Selenium	78-2	979.98	983.05	1018.03	993.68	2.13	ppb
Selenium	82-1	996.49	975.09	1010.58	994.05	1.80	ppb
Silicon	28-1	951.67	979.17	1008.11	979.65	2.88	ppb
Silver	109-1	977.88	986.07	1003.85	989.27	1.34	ppb
Silver	107-1	986.11	979.87	1002.94	989.64	1.21	ppb
Sodium	23-2	90488.58	90523.04	92582.31	91197.98	1.31	ppb
Strontium	86-1	993.81	989.86	1007.35	997.01	0.92	ppb
Strontium	88-1	992.37	983.03	1016.03	997.15	1.71	ppb
Sulfur	34-1	19518.68	19885.76	20307.03	19903.82	1.98	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	981.56	994.83	1013.22	996.54	1.60	ppb
Thallium	205-1	984.86	999.34	1009.52	997.90	1.24	ppb
Tin	118-1	987.62	988.67	1004.17	993.49	0.93	ppb
Titanium	47-1	4914.08	4961.12	5075.19	4983.46	1.66	ppb
Uranium	238-1	990.37	991.44	1028.94	1003.58	2.19	ppb
Vanadium	51-2	983.24	999.71	1021.97	1001.64	1.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1951.18	1979.03	2042.00	1990.74	2.34	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	990.28	988.53	1011.14	996.65	1.26	ppb
Zirconium	91-1	992.05	990.89	1015.07	999.34	1.36	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97278.45	99306.08	104997.32	100527.28	3.98	ppb
Antimony	121-1	1.52	1.65	1.75	1.64	7.23	ppb
Arsenic	75-1	1.66	1.61	1.68	1.65	2.17	ppb
Barium	135-1	1.56	1.59	1.65	1.60	2.76	ppb
Barium	137-1	1.54	1.59	1.78	1.64	7.69	ppb
Beryllium	9-1	0.17	0.16	0.14	0.16	9.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	32.82	26.01	19.02	25.95	26.59	ppb
Boron	11-1	31.22	24.35	20.23	25.27	21.98	ppb
Cadmium	111-1	0.15	0.17	0.25	0.19	27.95	ppb
Cadmium	106-1	0.38	0.94	1.56	0.96	61.68	ppb
Cadmium	108-1	0.11	0.15	0.19	0.15	26.25	ppb
Calcium	43-1	495898.23	496632.43	511931.00	501487.22	1.81	ppb
Calcium	44-1	495594.15	496598.28	512492.34	501561.59	1.89	ppb
Chromium	52-2	44.60	44.88	47.55	45.68	3.57	ppb
Cobalt	59-2	12.56	12.85	13.56	12.99	3.94	ppb
Copper	63-2	4.12	4.22	4.47	4.27	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	243409.46	247313.02	261236.89	250653.12	3.74	ppb
Iron	57-2	243646.84	247708.48	259899.05	250418.12	3.38	ppb
Krypton	83-1						cps
Lead	206-1	2.41	2.62	2.52	2.52	4.10	ppb
Lead	207-1	2.34	2.32	2.45	2.37	2.94	ppb
Lead	208-1	2.40	2.44	2.47	2.44	1.48	ppb
Lithium	6-1				108		%
Magnesium	24-2	487928.98	494154.75	522475.10	501519.61	3.67	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.07	10.32	11.19	10.53	5.56	ppb
Molybdenum	94-1	5.63	5.47	5.56	5.55	1.49	ppb
Molybdenum	95-1	7.32	7.24	7.49	7.35	1.72	ppb
Molybdenum	96-1	8.12	7.51	8.04	7.89	4.23	ppb
Molybdenum	97-1	7.29	7.31	7.51	7.37	1.65	ppb
Molybdenum	98-1	7.27	7.27	7.57	7.37	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.51	36.50	38.87	36.96	4.66	ppb
Phosphorus	31-2	-19.51	14.32	23.61	6.14	369.70	ppb
Potassium	39-2	241895.48	248513.30	262770.74	251059.84	4.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				87		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.29	0.67	0.32	106.77	ppb
Selenium	78-2	-0.56	0.63	0.95	0.34	232.17	ppb
Selenium	82-1	0.59	-0.11	0.72	0.40	110.72	ppb
Silicon	28-1	115.45	114.75	108.02	112.74	3.64	ppb
Silver	109-1	0.09	0.10	0.08	0.09	8.86	ppb
Silver	107-1	0.08	0.07	0.10	0.09	20.50	ppb
Sodium	23-2	485438.45	496307.81	525033.71	502259.99	4.07	ppb
Strontium	86-1	35.18	35.07	36.61	35.62	2.41	ppb
Strontium	88-1	34.95	35.06	36.27	35.43	2.07	ppb
Sulfur	34-1	-1190.61	-1182.73	-1326.31	-1233.21		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.39	0.43	0.39	0.40	5.36	ppb
Thallium	205-1	0.39	0.39	0.43	0.40	5.33	ppb
Tin	118-1	1.18	1.32	1.26	1.25	5.33	ppb
Titanium	47-1	1.20	1.26	1.15	1.20	4.65	ppb
Uranium	238-1	0.05	0.05	0.06	0.06	10.37	ppb
Vanadium	51-2	0.40	0.36	0.42	0.39	7.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	13.57	13.04	14.06	13.56	3.76	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.20	0.21	0.20	5.85	ppb
Zirconium	91-1	0.21	0.19	0.24	0.21	12.18	ppb

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:54:09 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.21	481.49	486.89	485.87	0.82	ppb
Antimony	121-1	186.59	192.85	193.81	191.08	2.05	ppb
Arsenic	75-1	182.49	187.99	189.50	186.66	1.98	ppb
Barium	135-1	94.30	97.23	98.28	96.61	2.14	ppb
Barium	137-1	95.12	98.46	98.37	97.32	1.95	ppb
Beryllium	9-1	92.48	95.68	99.08	95.75	3.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	465.25	476.89	506.36	482.83	4.39	ppb
Boron	11-1	461.42	480.48	494.42	478.78	3.46	ppb
Cadmium	111-1	100.04	101.58	103.40	101.67	1.66	ppb
Cadmium	106-1	151.28	156.05	152.37	153.24	1.63	ppb
Cadmium	108-1	128.88	131.59	131.32	130.60	1.14	ppb
Calcium	43-1	2000.78	1980.98	2043.86	2008.54	1.60	ppb
Calcium	44-1	1868.76	1873.34	1926.96	1889.69	1.71	ppb
Chromium	52-2	92.74	90.68	92.96	92.13	1.36	ppb
Cobalt	59-2	96.86	93.69	95.77	95.44	1.69	ppb
Copper	63-2	97.63	94.26	96.26	96.05	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				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	914.04	883.67	912.93	903.55	1.91	ppb
Iron	57-2	910.10	879.48	901.03	896.87	1.75	ppb
Krypton	83-1						cps
Lead	206-1	186.06	191.02	192.81	189.96	1.84	ppb
Lead	207-1	178.72	180.46	182.85	180.68	1.15	ppb
Lead	208-1	184.79	188.05	189.85	187.56	1.37	ppb
Lithium	6-1				114		%
Magnesium	24-2	1101.66	1073.24	1105.25	1093.38	1.60	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:54:09	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.41	92.41	95.17	94.33	1.77	ppb
Molybdenum	94-1	974.04	1006.18	1019.24	999.82	2.33	ppb
Molybdenum	95-1	434.34	451.13	457.80	447.75	2.70	ppb
Molybdenum	96-1	495.21	514.76	524.04	511.34	2.88	ppb
Molybdenum	97-1	432.02	442.68	452.03	442.24	2.26	ppb
Molybdenum	98-1	440.51	449.60	455.08	448.39	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.62	95.62	97.06	96.77	1.07	ppb
Phosphorus	31-2	-14.20	0.24	0.87	-4.36		ppb
Potassium	39-2	1800.88	1760.64	1788.89	1783.47	1.16	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	207.80	197.32	211.02	205.38	3.49	ppb
Selenium	78-2	196.37	194.01	197.03	195.80	0.81	ppb
Selenium	82-1	191.19	194.00	195.71	193.63	1.18	ppb
Silicon	28-1	414.53	426.26	433.12	424.64	2.21	ppb
Silver	109-1	99.39	100.70	101.58	100.56	1.10	ppb
Silver	107-1	99.07	101.63	101.46	100.72	1.42	ppb
Sodium	23-2	1781.52	1761.75	1795.25	1779.51	0.95	ppb
Strontium	86-1	442.87	455.50	460.44	452.94	2.00	ppb
Strontium	88-1	448.41	458.38	462.03	456.28	1.55	ppb
Sulfur	34-1	-1177.30	-1124.41	-1134.46	-1145.39		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	184.10	190.96	191.07	188.71	2.11	ppb
Thallium	205-1	191.40	193.01	196.02	193.48	1.21	ppb
Tin	118-1	454.59	470.85	466.81	464.09	1.82	ppb
Titanium	47-1	442.61	458.87	463.33	454.94	2.40	ppb
Uranium	238-1	443.27	445.94	451.48	446.90	0.94	ppb
Vanadium	51-2	93.63	91.25	93.02	92.63	1.34	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	192.14	185.64	193.19	190.32	2.15	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:54:09	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	451.47	461.18	461.45	458.03	1.24	ppb
Zirconium	91-1	443.02	452.65	459.66	451.78	1.85	ppb

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:00:07 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.07	-0.12	0.00	2269.49	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	10.38	ppb
Arsenic	75-1	0.03	0.01	0.13	0.06	105.47	ppb
Barium	135-1	0.00	0.02	0.00	0.01	154.26	ppb
Barium	137-1	0.01	0.01	0.01	0.01	44.92	ppb
Beryllium	9-1	0.04	0.02	0.02	0.02	55.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	10.08	8.35	6.64	8.36	20.59	ppb
Boron	11-1	9.89	8.16	7.50	8.52	14.51	ppb
Cadmium	111-1	-0.10	-0.03	-0.08	-0.07		ppb
Cadmium	106-1	-1.41	-0.53	-1.20	-1.05		ppb
Cadmium	108-1	-0.08	-0.04	-0.03	-0.05		ppb
Calcium	43-1	-1.65	1.42	1.63	0.46	395.68	ppb
Calcium	44-1	2.99	2.81	3.67	3.15	14.42	ppb
Chromium	52-2	0.02	0.01	0.02	0.01	37.54	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	11.44	ppb
Copper	63-2	0.05	0.06	0.03	0.05	26.09	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				101		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	0.69	0.33	0.50	0.50	35.52	ppb
Iron	57-2	1.00	0.20	1.20	0.80	65.98	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.04	22.52	ppb
Lead	207-1	0.04	0.05	0.05	0.05	15.14	ppb
Lead	208-1	0.04	0.05	0.05	0.05	1.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.11	0.88	0.92	0.97	12.37	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.04	0.06	0.05	0.05	16.76	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	22.61	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	13.81	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	24.24	ppb
Molybdenum	98-1	0.07	0.05	0.04	0.05	20.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	5713.00	ppb
Phosphorus	31-2	8.71	-19.62	-8.14	-6.35		ppb
Potassium	39-2	14.89	1.44	7.36	7.90	85.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	0.48	0.79	0.74	0.67	25.29	ppb
Selenium	82-1	-0.09	-1.63	-0.55	-0.76		ppb
Silicon	28-1	-2.25	-5.19	-1.99	-3.14		ppb
Silver	109-1	0.01	0.01	0.01	0.01	46.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.42	ppb
Sodium	23-2	31.69	30.37	30.77	30.94	2.20	ppb
Strontium	86-1	-0.02	-0.02	0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	24.71	ppb
Sulfur	34-1	-672.61	-800.39	-567.07	-680.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	23.28	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	51.82	ppb
Tin	118-1	0.03	0.06	0.03	0.04	47.57	ppb
Titanium	47-1	0.02	0.01	0.07	0.03	95.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	78.71	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	265.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.68	0.38	0.22	0.43	54.30	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.00	172.69	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	80.35	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90427.41	88328.38	90392.67	89716.16	1.34	ppb
Antimony	121-1	1.34	1.30	1.38	1.34	3.20	ppb
Arsenic	75-1	0.29	0.49	0.43	0.41	25.45	ppb
Barium	135-1	1.65	1.67	1.63	1.65	1.22	ppb
Barium	137-1	1.56	1.64	1.61	1.60	2.34	ppb
Beryllium	9-1	0.27	0.27	0.31	0.28	8.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	6.99	7.24	4.25	6.16	26.96	ppb
Boron	11-1	8.71	6.90	6.34	7.32	16.93	ppb
Cadmium	111-1	0.36	0.38	0.31	0.35	10.88	ppb
Cadmium	106-1	-2.41	-1.21	-1.61	-1.74		ppb
Cadmium	108-1	11.76	12.23	11.39	11.79	3.55	ppb
Calcium	43-1	97496.73	98562.41	99875.71	98644.95	1.21	ppb
Calcium	44-1	98000.84	98548.89	100027.63	98859.12	1.06	ppb
Chromium	52-2	22.04	21.55	21.75	21.78	1.13	ppb
Cobalt	59-2	1.29	1.24	1.22	1.25	2.77	ppb
Copper	63-2	8.39	8.18	8.43	8.33	1.61	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				112		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	100972.89	99710.54	99877.80	100187.08	0.68	ppb
Iron	57-2	100907.44	99186.42	100692.20	100262.02	0.94	ppb
Krypton	83-1						cps
Lead	206-1	4.93	4.96	5.15	5.01	2.44	ppb
Lead	207-1	4.44	4.35	4.37	4.39	1.10	ppb
Lead	208-1	4.56	4.60	4.67	4.61	1.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	97529.78	96001.24	97794.80	97108.61	1.00	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.41	8.43	8.40	8.41	0.20	ppb
Molybdenum	94-1	1429.33	1430.55	1415.11	1425.00	0.60	ppb
Molybdenum	95-1	2028.01	2038.46	2018.20	2028.23	0.50	ppb
Molybdenum	96-1	1956.71	1973.67	1941.72	1957.37	0.82	ppb
Molybdenum	97-1	2020.43	2032.33	2031.63	2028.13	0.33	ppb
Molybdenum	98-1	2025.11	2035.85	2034.83	2031.93	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.12	6.12	6.06	6.10	0.56	ppb
Phosphorus	31-2	105637.30	103540.37	105037.55	104738.41	1.03	ppb
Potassium	39-2	98363.07	96804.79	98309.56	97825.81	0.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	0.26	-0.01	0.57	0.27	105.67	ppb
Selenium	78-2	-0.17	0.25	0.69	0.26	167.71	ppb
Selenium	82-1	0.44	0.35	0.33	0.37	14.97	ppb
Silicon	28-1	9.98	7.21	9.59	8.93	16.76	ppb
Silver	109-1	0.15	0.16	0.15	0.15	3.07	ppb
Silver	107-1	0.12	0.13	0.16	0.14	14.34	ppb
Sodium	23-2	95132.65	94077.26	95770.58	94993.50	0.90	ppb
Strontium	86-1	34.94	35.48	35.60	35.34	1.00	ppb
Strontium	88-1	35.30	35.51	35.69	35.50	0.55	ppb
Sulfur	34-1	37618.24	37771.53	38061.92	37817.23	0.60	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.23	0.26	0.24	6.66	ppb
Thallium	205-1	0.21	0.24	0.24	0.23	6.84	ppb
Tin	118-1	0.11	0.12	0.12	0.12	3.43	ppb
Titanium	47-1	2080.21	2115.13	2134.47	2109.93	1.30	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.45	ppb
Vanadium	51-2	0.15	0.18	0.18	0.17	10.48	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	14.34	13.40	13.83	13.86	3.40	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.04	0.03	29.87	ppb
Zirconium	91-1	0.03	0.01	0.04	0.02	49.27	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:15:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83697.98	83782.65	86436.11	84638.91	1.84	ppb
Antimony	121-1	21.41	21.62	21.51	21.52	0.49	ppb
Arsenic	75-1	20.15	20.89	20.68	20.57	1.86	ppb
Barium	135-1	21.90	22.21	21.86	21.99	0.88	ppb
Barium	137-1	22.31	22.40	22.19	22.30	0.46	ppb
Beryllium	9-1	22.52	21.45	21.56	21.84	2.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	57.28	55.05	55.88	56.07	2.01	ppb
Boron	11-1	58.96	55.93	55.56	56.82	3.28	ppb
Cadmium	111-1	20.87	20.91	21.57	21.12	1.85	ppb
Cadmium	106-1	25.58	22.16	22.74	23.49	7.81	ppb
Cadmium	108-1	33.49	34.58	34.99	34.35	2.25	ppb
Calcium	43-1	94573.67	95324.87	95559.55	95152.70	0.54	ppb
Calcium	44-1	94633.10	95623.32	95662.57	95306.33	0.61	ppb
Chromium	52-2	39.94	39.93	40.97	40.28	1.48	ppb
Cobalt	59-2	20.89	21.09	21.74	21.24	2.08	ppb
Copper	63-2	27.59	27.44	28.62	27.88	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	94729.72	94342.39	97387.89	95486.67	1.74	ppb
Iron	57-2	94097.60	94333.50	97206.92	95212.67	1.82	ppb
Krypton	83-1						cps
Lead	206-1	25.64	25.56	25.61	25.61	0.15	ppb
Lead	207-1	23.57	23.28	23.51	23.45	0.65	ppb
Lead	208-1	24.45	24.21	24.48	24.38	0.61	ppb
Lithium	6-1				89		%
Magnesium	24-2	91579.14	90665.04	93724.01	91989.40	1.71	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:15:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.73	27.77	28.53	28.01	1.60	ppb
Molybdenum	94-1	1467.07	1469.03	1496.29	1477.46	1.11	ppb
Molybdenum	95-1	2000.28	1968.29	2034.17	2000.92	1.65	ppb
Molybdenum	96-1	1933.20	1888.87	1941.94	1921.34	1.48	ppb
Molybdenum	97-1	2005.56	1950.42	1990.03	1982.00	1.43	ppb
Molybdenum	98-1	2009.61	1951.12	1990.40	1983.71	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.26	25.52	26.48	25.75	2.49	ppb
Phosphorus	31-2	98521.37	98474.74	101182.01	99392.70	1.56	ppb
Potassium	39-2	91748.00	91680.78	94310.49	92579.76	1.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	19.66	20.15	20.44	20.08	1.97	ppb
Selenium	78-2	22.41	21.58	21.86	21.95	1.91	ppb
Selenium	82-1	19.87	19.81	20.77	20.15	2.66	ppb
Silicon	28-1	52.59	55.19	52.58	53.46	2.82	ppb
Silver	109-1	19.45	19.68	20.12	19.75	1.73	ppb
Silver	107-1	19.85	19.74	20.03	19.87	0.75	ppb
Sodium	23-2	89668.11	89204.47	91853.81	90242.13	1.57	ppb
Strontium	86-1	83.61	83.85	84.54	84.00	0.57	ppb
Strontium	88-1	83.78	84.12	84.59	84.16	0.49	ppb
Sulfur	34-1	35458.31	35520.81	35145.53	35374.88	0.57	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	20.85	20.70	20.92	20.82	0.55	ppb
Thallium	205-1	20.75	20.93	20.85	20.84	0.45	ppb
Tin	118-1	49.14	49.56	50.09	49.60	0.96	ppb
Titanium	47-1	2099.90	2065.59	2081.23	2082.24	0.82	ppb
Uranium	238-1	48.85	49.14	49.28	49.09	0.45	ppb
Vanadium	51-2	19.86	19.80	20.40	20.02	1.65	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	32.36	31.35	32.94	32.22	2.50	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:15:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.98	49.79	50.26	50.01	0.47	ppb
Zirconium	91-1	49.67	49.42	49.95	49.68	0.53	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44495.13	44214.64	46319.13	45009.63	2.54	ppb
Antimony	121-1	485.79	500.44	510.20	498.81	2.46	ppb
Arsenic	75-1	472.91	484.07	503.61	486.86	3.19	ppb
Barium	135-1	2412.99	2477.31	2537.46	2475.92	2.51	ppb
Barium	137-1	2453.91	2501.98	2555.84	2503.91	2.04	ppb
Beryllium	9-1	514.24	527.95	540.63	527.61	2.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	502.39	528.78	553.92	528.36	4.88	ppb
Boron	11-1	511.08	534.54	555.80	533.81	4.19	ppb
Cadmium	111-1	480.12	491.25	502.96	491.44	2.32	ppb
Cadmium	106-1	467.36	489.90	494.99	484.08	3.04	ppb
Cadmium	108-1	470.26	481.96	506.05	486.09	3.75	ppb
Calcium	43-1	223342.72	230607.86	236058.44	230003.01	2.77	ppb
Calcium	44-1	223389.81	231765.22	234883.58	230012.87	2.58	ppb
Chromium	52-2	500.96	497.15	514.74	504.28	1.83	ppb
Cobalt	59-2	479.61	476.53	499.09	485.08	2.52	ppb
Copper	63-2	934.70	930.19	963.40	942.76	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	113621.07	111994.12	116796.98	114137.39	2.14	ppb
Iron	57-2	113325.95	111636.51	116973.41	113978.62	2.39	ppb
Krypton	83-1						cps
Lead	206-1	480.50	502.64	511.55	498.23	3.21	ppb
Lead	207-1	475.90	492.19	502.13	490.08	2.70	ppb
Lead	208-1	480.81	494.98	503.97	493.26	2.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	227115.46	224527.44	234344.55	228662.48	2.23	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.70	959.11	1002.83	976.55	2.37	ppb
Molybdenum	94-1	2382.17	2439.59	2493.92	2438.56	2.29	ppb
Molybdenum	95-1	2408.57	2450.10	2483.06	2447.24	1.53	ppb
Molybdenum	96-1	2395.94	2465.29	2501.50	2454.24	2.19	ppb
Molybdenum	97-1	2388.65	2462.69	2472.13	2441.16	1.87	ppb
Molybdenum	98-1	2379.21	2466.89	2476.93	2441.01	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.31	476.77	498.83	485.64	2.40	ppb
Phosphorus	31-2	9596.54	9693.68	10233.37	9841.20	3.49	ppb
Potassium	39-2	112995.51	111885.64	116764.06	113881.74	2.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	77-2	498.15	486.05	521.83	502.01	3.63	ppb
Selenium	78-2	499.33	488.94	503.47	497.25	1.51	ppb
Selenium	82-1	474.09	484.89	492.28	483.75	1.89	ppb
Silicon	28-1	368.77	388.59	406.11	387.82	4.82	ppb
Silver	109-1	474.97	488.05	504.08	489.03	2.98	ppb
Silver	107-1	472.96	482.20	501.32	485.49	2.98	ppb
Sodium	23-2	229800.65	228201.14	237938.51	231980.10	2.25	ppb
Strontium	86-1	492.06	511.85	510.44	504.78	2.19	ppb
Strontium	88-1	495.87	506.38	514.75	505.67	1.87	ppb
Sulfur	34-1	7461.90	7795.21	8160.90	7806.00	4.48	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	486.91	501.97	503.33	497.40	1.83	ppb
Thallium	205-1	476.35	501.00	505.21	494.19	3.15	ppb
Tin	118-1	486.34	497.05	516.95	500.12	3.11	ppb
Titanium	47-1	2403.24	2467.17	2545.30	2471.90	2.88	ppb
Uranium	238-1	492.17	506.03	507.10	501.76	1.66	ppb
Vanadium	51-2	488.82	483.55	505.70	492.69	2.35	ppb
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	933.79	929.39	957.32	940.17	1.60	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.29	490.48	502.46	492.41	1.88	ppb
Zirconium	91-1	473.79	485.81	496.58	485.39	2.35	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.32	0.92	0.52	67.86	ppb
Antimony	121-1	0.29	0.33	0.37	0.33	11.12	ppb
Arsenic	75-1	0.14	0.03	0.09	0.09	59.74	ppb
Barium	135-1	0.01	0.02	0.02	0.02	16.34	ppb
Barium	137-1	0.02	0.02	0.01	0.02	19.28	ppb
Beryllium	9-1	0.05	0.06	0.07	0.06	15.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	15.65	12.94	12.39	13.66	12.80	ppb
Boron	11-1	15.12	12.85	11.52	13.16	13.84	ppb
Cadmium	111-1	-0.05	-0.04	-0.09	-0.06		ppb
Cadmium	106-1	-0.74	-0.71	-1.35	-0.93		ppb
Cadmium	108-1	-0.01	-0.01	-0.03	-0.02		ppb
Calcium	43-1	7.05	7.37	10.60	8.34	23.52	ppb
Calcium	44-1	14.95	15.60	18.14	16.23	10.40	ppb
Chromium	52-2	0.12	0.12	0.15	0.13	10.29	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	47.40	ppb
Copper	63-2	0.22	0.17	0.16	0.18	17.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	2.54	1.63	2.66	2.28	24.89	ppb
Iron	57-2	1.52	2.26	0.44	1.41	64.99	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.18	0.21	12.19	ppb
Lead	207-1	0.19	0.17	0.21	0.19	10.74	ppb
Lead	208-1	0.21	0.20	0.20	0.20	3.06	ppb
Lithium	6-1				91		%
Magnesium	24-2	3.69	2.72	4.29	3.57	22.23	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.04	0.02	89.90	ppb
Molybdenum	94-1	0.21	0.19	0.16	0.18	11.98	ppb
Molybdenum	95-1	0.21	0.17	0.22	0.20	12.88	ppb
Molybdenum	96-1	0.18	0.19	0.19	0.19	2.19	ppb
Molybdenum	97-1	0.28	0.17	0.24	0.23	24.01	ppb
Molybdenum	98-1	0.22	0.19	0.22	0.21	7.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.02	0.02	64.37	ppb
Phosphorus	31-2	-17.36	-18.29	-25.47	-20.37		ppb
Potassium	39-2	50.50	36.83	39.94	42.43	16.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	-0.01	-0.29	-0.01	-0.10		ppb
Selenium	78-2	-0.23	0.80	-0.19	0.13	455.49	ppb
Selenium	82-1	-0.43	-0.80	-0.62	-0.62		ppb
Silicon	28-1	-6.62	-7.23	-6.04	-6.63		ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.62	ppb
Silver	107-1	0.04	0.03	0.02	0.03	25.25	ppb
Sodium	23-2	89.33	81.62	81.64	84.19	5.28	ppb
Strontium	86-1	0.06	-0.05	0.09	0.03	215.23	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	65.03	ppb
Sulfur	34-1	-1372.72	-1291.88	-1042.00	-1235.53		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.19	0.19	0.21	12.15	ppb
Thallium	205-1	0.19	0.19	0.18	0.19	5.03	ppb
Tin	118-1	-0.03	-0.05	-0.03	-0.03		ppb
Titanium	47-1	0.01	0.01	0.09	0.03	137.26	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	44.52	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	70.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.66	0.68	0.63	0.66	4.28	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.02	23.93	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	45.61	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	0.35	0.34	0.17	170.60	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	24.21	ppb
Arsenic	75-1	0.04	0.00	-0.05	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00	3375.90	ppb
Barium	137-1	0.00	0.00	0.01	0.00	46.87	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	10495.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	7.86	7.09	4.71	6.56	25.10	ppb
Boron	11-1	7.66	6.91	5.55	6.71	15.97	ppb
Cadmium	111-1	-0.03	-0.08	-0.16	-0.09		ppb
Cadmium	106-1	-0.51	-0.97	-2.18	-1.22		ppb
Cadmium	108-1	-0.06	0.02	-0.11	-0.05		ppb
Calcium	43-1	-0.41	3.86	2.82	2.09	106.42	ppb
Calcium	44-1	0.74	4.99	2.05	2.60	83.88	ppb
Chromium	52-2	0.01	0.02	0.04	0.03	56.12	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	10.09	ppb
Copper	63-2	-0.01	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.37	0.42	0.42	0.41	6.63	ppb
Iron	57-2	2.27	1.31	0.70	1.43	55.28	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.02	-0.01		ppb
Lithium	6-1				84		%
Magnesium	24-2	0.14	0.41	0.35	0.30	46.51	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	76.97	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	7.09	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	16.98	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	10.48	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	25.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	1.88	-22.27	-12.59	-10.99		ppb
Potassium	39-2	14.28	8.01	15.45	12.58	31.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	-0.01	-0.29	-0.29	-0.20		ppb
Selenium	78-2	0.07	1.15	0.74	0.65	83.10	ppb
Selenium	82-1	-0.69	-0.73	-0.74	-0.72		ppb
Silicon	28-1	-5.45	-5.21	-5.61	-5.42		ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.02	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.16	ppb
Sodium	23-2	18.66	17.63	17.86	18.05	2.98	ppb
Strontium	86-1	0.02	-0.05	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	70.99	ppb
Sulfur	34-1	-630.85	-616.18	-629.29	-625.44		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.03	0.03	0.03	20.88	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.43	ppb
Tin	118-1	0.04	-0.03	0.02	0.01	328.36	ppb
Titanium	47-1	0.01	0.01	0.03	0.02	74.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.31	0.15	0.04	0.17	80.72	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.02	0.00	2312.92	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.05	35.35	35.65	36.35	4.07	ppb
Antimony	121-1	3.76	3.90	3.95	3.87	2.53	ppb
Arsenic	75-1	1.74	2.09	2.04	1.96	9.86	ppb
Barium	135-1	18.46	18.98	19.59	19.01	2.97	ppb
Barium	137-1	18.83	19.23	19.95	19.34	2.94	ppb
Beryllium	9-1	2.17	2.21	2.46	2.28	6.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	53.79	62.36	57.06	57.74	7.49	ppb
Boron	11-1	56.41	60.65	59.24	58.76	3.68	ppb
Cadmium	111-1	1.97	2.21	1.99	2.06	6.53	ppb
Cadmium	106-1	1.99	4.40	1.69	2.69	55.10	ppb
Cadmium	108-1	1.94	1.98	2.33	2.08	10.25	ppb
Calcium	43-1	844.94	888.09	892.36	875.13	3.00	ppb
Calcium	44-1	838.14	874.69	867.18	860.00	2.24	ppb
Chromium	52-2	4.19	3.86	4.03	4.03	4.15	ppb
Cobalt	59-2	1.92	1.93	1.92	1.92	0.40	ppb
Copper	63-2	3.83	3.84	3.90	3.86	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	318.79	315.25	317.70	317.25	0.57	ppb
Iron	57-2	328.84	315.54	320.85	321.74	2.08	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.87	1.97	1.89	3.65	ppb
Lead	207-1	1.91	1.87	1.91	1.90	1.26	ppb
Lead	208-1	1.87	1.85	1.92	1.88	1.86	ppb
Lithium	6-1				87		%
Magnesium	24-2	897.73	885.03	901.05	894.61	0.95	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.10	1.97	2.08	2.05	3.44	ppb
Molybdenum	94-1	9.09	9.04	9.38	9.17	2.02	ppb
Molybdenum	95-1	8.84	9.10	9.30	9.08	2.58	ppb
Molybdenum	96-1	8.66	9.31	9.08	9.02	3.68	ppb
Molybdenum	97-1	8.78	8.97	9.28	9.01	2.78	ppb
Molybdenum	98-1	8.86	8.96	9.02	8.94	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	1.98	2.14	2.06	3.85	ppb
Phosphorus	31-2	-12.57	-4.45	-0.01	-5.68		ppb
Potassium	39-2	937.62	908.21	919.07	921.63	1.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	14.68	11.17	7.88	11.24	30.27	ppb
Selenium	78-2	10.32	11.70	11.87	11.30	7.54	ppb
Selenium	82-1	9.00	9.82	9.21	9.35	4.53	ppb
Silicon	28-1	16.26	15.98	23.39	18.54	22.66	ppb
Silver	109-1	4.10	1.99	2.07	2.72	44.02	ppb
Silver	107-1	2.02	2.15	2.15	2.11	3.75	ppb
Sodium	23-2	892.23	875.16	883.63	883.67	0.97	ppb
Strontium	86-1	1.83	1.69	1.86	1.79	5.10	ppb
Strontium	88-1	1.86	1.89	1.90	1.88	1.05	ppb
Sulfur	34-1	-736.74	-813.75	-326.21	-625.56		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	1.92	1.94	1.95	1.94	0.94	ppb
Thallium	205-1	1.83	1.84	1.97	1.88	4.02	ppb
Tin	118-1	9.61	9.85	10.08	9.85	2.37	ppb
Titanium	47-1	9.78	9.34	9.32	9.48	2.72	ppb
Uranium	238-1	1.73	1.73	1.78	1.75	1.66	ppb
Vanadium	51-2	9.18	9.24	9.24	9.22	0.37	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	4.06	3.74	4.24	4.01	6.34	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.88	1.94	1.99	1.94	2.62	ppb
Zirconium	91-1	1.91	1.88	1.96	1.92	2.11	ppb

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : PB107616BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 19:02:07 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.38	0.17	-0.16		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	25.29	ppb
Arsenic	75-1	0.12	0.00	0.05	0.06	106.71	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	498.99	ppb
Barium	137-1	0.00	0.00	0.00	0.00	137.35	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	3.62	4.05	3.70	3.79	5.91	ppb
Boron	11-1	5.06	3.85	3.86	4.26	16.40	ppb
Cadmium	111-1	0.01	0.08	0.10	0.06	70.02	ppb
Cadmium	106-1	0.15	1.02	1.27	0.81	72.24	ppb
Cadmium	108-1	-0.11	-0.08	-0.06	-0.08		ppb
Calcium	43-1	0.51	1.45	-0.47	0.49	194.51	ppb
Calcium	44-1	4.22	2.50	4.66	3.79	30.18	ppb
Chromium	52-2	0.02	0.01	0.02	0.02	34.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	82.18	ppb
Copper	63-2	-0.02	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	0.21	0.27	0.20	0.23	16.32	ppb
Iron	57-2	1.16	0.02	0.69	0.62	92.54	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				82		%
Magnesium	24-2	0.06	0.35	0.18	0.20	75.00	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:02:07	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	220.56	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.02	41.98	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	26.02	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	116.72	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	224.76	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	26.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00		ppb
Phosphorus	31-2	-23.84	-12.21	-25.38	-20.48		ppb
Potassium	39-2	13.60	9.61	6.22	9.81	37.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				112		%
Selenium	77-2	-0.29	-0.29	1.04	0.15	502.90	ppb
Selenium	78-2	-0.03	0.16	1.04	0.39	144.78	ppb
Selenium	82-1	-0.35	-0.02	-0.33	-0.23		ppb
Silicon	28-1	-5.16	-5.42	-4.44	-5.01		ppb
Silver	109-1	0.01	0.00	0.01	0.01	64.85	ppb
Silver	107-1	0.00	0.00	0.00	0.00	106.31	ppb
Sodium	23-2	16.02	17.56	12.18	15.25	18.18	ppb
Strontium	86-1	-0.04	-0.04	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-388.62	-375.65	-196.57	-320.28		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.03	0.03	0.02	34.25	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.80	ppb
Tin	118-1	0.00	0.02	0.04	0.02	101.38	ppb
Titanium	47-1	0.04	-0.04	0.03	0.01	412.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	-0.02	0.04	0.00	0.01	413.64	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:02:07	DataFile Name :	022CCBE.d

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

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:05:41	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.37	34.15	34.95	34.49	1.20	ppb
Antimony	121-1	3.84	3.93	4.02	3.93	2.21	ppb
Arsenic	75-1	1.81	1.94	2.13	1.96	8.12	ppb
Barium	135-1	19.39	19.07	19.47	19.31	1.10	ppb
Barium	137-1	18.72	18.51	19.54	18.92	2.87	ppb
Beryllium	9-1	2.22	2.12	2.11	2.15	2.82	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	52.70	52.59	56.96	54.08	4.60	ppb
Boron	11-1	53.56	57.40	55.73	55.56	3.46	ppb
Cadmium	111-1	2.08	2.17	2.27	2.17	4.47	ppb
Cadmium	106-1	2.24	3.42	4.29	3.32	31.12	ppb
Cadmium	108-1	2.17	2.05	2.04	2.09	3.59	ppb
Calcium	43-1	840.98	870.88	881.95	864.60	2.45	ppb
Calcium	44-1	852.65	854.84	865.93	857.81	0.83	ppb
Chromium	52-2	3.94	3.79	3.79	3.84	2.25	ppb
Cobalt	59-2	1.90	1.86	1.84	1.86	1.71	ppb
Copper	63-2	3.78	3.68	3.69	3.72	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	314.94	306.88	303.72	308.52	1.88	ppb
Iron	57-2	316.21	310.89	295.78	307.62	3.45	ppb
Krypton	83-1						cps
Lead	206-1	1.81	1.86	1.91	1.86	2.78	ppb
Lead	207-1	1.84	1.84	1.91	1.86	2.12	ppb
Lead	208-1	1.83	1.86	1.90	1.86	1.90	ppb
Lithium	6-1				85		%
Magnesium	24-2	873.56	856.31	843.38	857.75	1.77	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:05:41	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.99	1.91	1.82	1.90	4.59	ppb
Molybdenum	94-1	9.13	9.28	9.12	9.18	0.95	ppb
Molybdenum	95-1	8.99	8.92	9.08	9.00	0.92	ppb
Molybdenum	96-1	9.04	9.00	9.24	9.10	1.39	ppb
Molybdenum	97-1	8.68	8.88	8.89	8.82	1.32	ppb
Molybdenum	98-1	8.84	8.86	9.04	8.92	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	1.84	1.96	1.94	4.68	ppb
Phosphorus	31-2	1.03	-19.20	-10.89	-9.69		ppb
Potassium	39-2	906.01	872.88	860.09	879.66	2.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	77-2	10.75	9.14	9.47	9.79	8.65	ppb
Selenium	78-2	11.32	9.49	11.02	10.61	9.24	ppb
Selenium	82-1	9.01	8.08	9.45	8.85	7.88	ppb
Silicon	28-1	18.27	19.47	19.67	19.14	3.95	ppb
Silver	109-1	1.99	2.09	2.13	2.07	3.43	ppb
Silver	107-1	2.03	2.08	2.09	2.06	1.44	ppb
Sodium	23-2	868.64	846.07	841.82	852.17	1.69	ppb
Strontium	86-1	1.73	1.87	1.85	1.82	4.27	ppb
Strontium	88-1	1.79	1.92	1.88	1.87	3.54	ppb
Sulfur	34-1	-538.75	-430.82	-421.36	-463.64		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.82	1.77	1.94	1.85	4.86	ppb
Thallium	205-1	1.80	1.86	1.91	1.86	3.02	ppb
Tin	118-1	9.35	9.72	9.76	9.61	2.32	ppb
Titanium	47-1	9.46	8.60	9.66	9.24	6.07	ppb
Uranium	238-1	1.70	1.75	1.77	1.74	2.00	ppb
Vanadium	51-2	8.97	8.83	8.82	8.87	0.93	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4.17	4.14	3.93	4.08	3.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:05:41	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.87	1.94	1.88	1.90	1.99	ppb
Zirconium	91-1	1.79	1.91	1.75	1.82	4.46	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44764.79	43993.45	45428.80	44729.02	1.61	ppb
Antimony	121-1	479.78	495.20	499.70	491.56	2.13	ppb
Arsenic	75-1	464.74	476.17	487.39	476.10	2.38	ppb
Barium	135-1	2413.45	2511.65	2518.39	2481.16	2.37	ppb
Barium	137-1	2370.68	2469.99	2484.98	2441.88	2.54	ppb
Beryllium	9-1	507.11	515.65	519.88	514.22	1.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	494.59	508.55	521.42	508.19	2.64	ppb
Boron	11-1	494.82	506.77	518.72	506.77	2.36	ppb
Cadmium	111-1	470.89	479.38	491.44	480.57	2.15	ppb
Cadmium	106-1	469.65	485.17	490.55	481.79	2.25	ppb
Cadmium	108-1	472.83	488.92	489.60	483.78	1.96	ppb
Calcium	43-1	221455.56	226762.72	230955.35	226391.21	2.10	ppb
Calcium	44-1	221889.62	225784.30	230188.25	225954.06	1.84	ppb
Chromium	52-2	493.18	490.44	502.93	495.52	1.32	ppb
Cobalt	59-2	477.40	469.04	486.67	477.70	1.85	ppb
Copper	63-2	931.55	910.51	951.70	931.25	2.21	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				104		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	111470.49	109760.51	114657.37	111962.79	2.22	ppb
Iron	57-2	111975.02	109507.17	114466.67	111982.95	2.21	ppb
Krypton	83-1						cps
Lead	206-1	489.04	496.45	503.70	496.40	1.48	ppb
Lead	207-1	479.56	490.24	497.84	489.21	1.88	ppb
Lead	208-1	480.56	490.73	499.07	490.12	1.89	ppb
Lithium	6-1				97		%
Magnesium	24-2	226594.64	222698.48	231176.59	226823.24	1.87	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	954.16	947.37	975.86	959.13	1.55	ppb
Molybdenum	94-1	2354.36	2400.71	2447.50	2400.86	1.94	ppb
Molybdenum	95-1	2373.35	2385.58	2442.61	2400.51	1.54	ppb
Molybdenum	96-1	2367.47	2401.80	2461.79	2410.35	1.98	ppb
Molybdenum	97-1	2359.64	2420.94	2458.38	2412.99	2.07	ppb
Molybdenum	98-1	2344.64	2398.43	2450.40	2397.82	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.94	465.99	488.15	478.03	2.34	ppb
Phosphorus	31-2	9762.62	9427.80	10054.27	9748.23	3.22	ppb
Potassium	39-2	110845.71	108793.41	112558.94	110732.69	1.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	481.05	459.57	503.78	481.47	4.59	ppb
Selenium	78-2	478.05	479.01	498.77	485.28	2.41	ppb
Selenium	82-1	463.43	474.91	479.34	472.56	1.74	ppb
Silicon	28-1	504.56	518.76	539.20	520.84	3.34	ppb
Silver	109-1	476.55	486.27	489.47	484.10	1.39	ppb
Silver	107-1	472.63	483.59	489.33	481.85	1.76	ppb
Sodium	23-2	229526.70	225084.54	233756.36	229455.87	1.89	ppb
Strontium	86-1	491.11	500.82	505.51	499.15	1.47	ppb
Strontium	88-1	487.99	497.44	502.00	495.81	1.44	ppb
Sulfur	34-1	8797.81	8827.60	9186.96	8937.45	2.42	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	483.43	501.29	506.64	497.12	2.44	ppb
Thallium	205-1	482.16	498.60	499.32	493.36	1.97	ppb
Tin	118-1	478.20	496.96	504.72	493.29	2.76	ppb
Titanium	47-1	2398.47	2430.15	2498.01	2442.21	2.08	ppb
Uranium	238-1	489.51	494.67	504.85	496.34	1.57	ppb
Vanadium	51-2	484.05	477.30	492.11	484.48	1.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	918.44	912.32	952.12	927.63	2.31	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	477.68	483.59	496.82	486.03	2.02	ppb
Zirconium	91-1	472.25	483.61	495.25	483.70	2.38	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.45	0.20	0.16	187.38	ppb
Antimony	121-1	0.29	0.30	0.35	0.31	11.42	ppb
Arsenic	75-1	0.08	0.03	0.10	0.07	52.33	ppb
Barium	135-1	0.01	0.01	0.01	0.01	32.61	ppb
Barium	137-1	0.02	0.00	0.00	0.01	152.42	ppb
Beryllium	9-1	0.03	0.01	0.00	0.02	83.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	15.34	10.33	10.03	11.90	25.07	ppb
Boron	11-1	14.65	11.87	9.82	12.11	19.99	ppb
Cadmium	111-1	-0.11	-0.08	0.02	-0.05		ppb
Cadmium	106-1	-1.44	-1.21	0.12	-0.84		ppb
Cadmium	108-1	-0.01	-0.01	-0.08	-0.04		ppb
Calcium	43-1	9.58	11.16	6.97	9.24	22.90	ppb
Calcium	44-1	11.84	11.42	12.73	11.99	5.58	ppb
Chromium	52-2	0.13	0.12	0.14	0.13	10.07	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	153.92	ppb
Copper	63-2	0.09	0.09	0.08	0.09	3.43	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				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.94	1.03	1.08	1.02	6.69	ppb
Iron	57-2	1.35	-0.02	1.51	0.95	89.17	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.10	0.12	12.68	ppb
Lead	207-1	0.12	0.09	0.10	0.10	17.44	ppb
Lead	208-1	0.12	0.11	0.11	0.11	7.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.48	1.15	1.60	1.41	16.40	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	181.73	ppb
Molybdenum	94-1	0.23	0.19	0.19	0.20	11.60	ppb
Molybdenum	95-1	0.17	0.18	0.17	0.18	3.98	ppb
Molybdenum	96-1	0.21	0.14	0.19	0.18	21.39	ppb
Molybdenum	97-1	0.17	0.13	0.17	0.16	15.28	ppb
Molybdenum	98-1	0.20	0.19	0.19	0.19	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	79.50	ppb
Phosphorus	31-2	-23.71	-34.63	-18.08	-25.47		ppb
Potassium	39-2	29.12	25.81	33.58	29.51	13.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.01	0.32	0.11	170.32	ppb
Selenium	78-2	0.25	0.40	0.92	0.52	67.08	ppb
Selenium	82-1	-0.31	0.37	-0.20	-0.05		ppb
Silicon	28-1	-6.77	-7.20	-7.13	-7.03		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.62	ppb
Silver	107-1	0.02	0.01	0.02	0.01	56.01	ppb
Sodium	23-2	54.58	57.59	58.85	57.01	3.85	ppb
Strontium	86-1	0.05	0.03	0.01	0.03	77.40	ppb
Strontium	88-1	0.00	0.01	0.00	0.01	14.40	ppb
Sulfur	34-1	-940.88	-887.84	-785.19	-871.31		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.05	0.06	0.06	9.34	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	16.25	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.01	0.01	0.07	0.02	168.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	165.05	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2033.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.66	0.75	0.49	0.63	21.13	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.03	0.04	26.39	ppb
Zirconium	91-1	0.05	0.04	0.05	0.04	8.09	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2410.17	2352.94	2479.10	2414.07	2.62	ppb
Antimony	121-1	0.51	0.51	0.57	0.53	7.04	ppb
Arsenic	75-1	1.25	1.31	1.45	1.34	7.43	ppb
Barium	135-1	36.88	37.38	39.24	37.83	3.29	ppb
Barium	137-1	36.73	37.66	38.35	37.58	2.16	ppb
Beryllium	9-1	0.11	0.04	0.05	0.06	56.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	7.41	5.78	5.49	6.22	16.62	ppb
Boron	11-1	8.28	7.38	7.14	7.60	7.94	ppb
Cadmium	111-1	0.15	0.08	0.07	0.10	42.13	ppb
Cadmium	106-1	-0.92	-2.26	-0.31	-1.16		ppb
Cadmium	108-1	0.35	0.11	2.62	1.03	134.77	ppb
Calcium	43-1	2316.50	2343.56	2432.31	2364.12	2.56	ppb
Calcium	44-1	2293.70	2342.88	2396.89	2344.49	2.20	ppb
Chromium	52-2	5.98	6.01	6.07	6.02	0.79	ppb
Cobalt	59-2	0.27	0.27	0.28	0.27	2.19	ppb
Copper	63-2	10.12	10.06	10.26	10.14	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	1704.31	1661.09	1724.39	1696.60	1.91	ppb
Iron	57-2	1672.69	1637.02	1692.82	1667.51	1.69	ppb
Krypton	83-1						cps
Lead	206-1	36.01	36.79	37.67	36.82	2.25	ppb
Lead	207-1	32.94	33.66	34.55	33.72	2.40	ppb
Lead	208-1	34.52	35.19	35.97	35.23	2.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	59.53	59.04	62.62	60.40	3.21	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.24	15.34	15.34	15.31	0.40	ppb
Molybdenum	94-1	0.96	1.00	0.97	0.98	1.83	ppb
Molybdenum	95-1	0.22	0.23	0.33	0.26	24.11	ppb
Molybdenum	96-1	0.86	0.31	0.31	0.49	64.31	ppb
Molybdenum	97-1	0.22	0.24	0.21	0.22	6.01	ppb
Molybdenum	98-1	0.21	0.21	0.19	0.20	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.11	3.23	3.35	3.23	3.65	ppb
Phosphorus	31-2	371.38	317.34	349.61	346.11	7.86	ppb
Potassium	39-2	54.11	57.16	69.90	60.39	13.87	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	0.77	0.26	0.27	0.43	67.00	ppb
Selenium	78-2	0.35	0.66	-0.16	0.28	145.80	ppb
Selenium	82-1	-0.51	-0.38	0.24	-0.22		ppb
Silicon	28-1	641.94	817.90	853.78	771.21	14.70	ppb
Silver	109-1	0.28	0.28	0.29	0.28	3.33	ppb
Silver	107-1	0.25	0.28	0.27	0.27	4.76	ppb
Sodium	23-2	85.76	86.93	93.63	88.77	4.78	ppb
Strontium	86-1	23.36	23.86	24.16	23.80	1.70	ppb
Strontium	88-1	22.94	23.33	24.26	23.51	2.89	ppb
Sulfur	34-1	-1360.63	-1369.43	-1499.53	-1409.86		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.39	0.42	0.39	0.40	4.33	ppb
Thallium	205-1	0.39	0.38	0.37	0.38	3.03	ppb
Tin	118-1	2.27	2.28	2.38	2.31	2.63	ppb
Titanium	47-1	51.62	27.01	29.28	35.97	37.82	ppb
Uranium	238-1	0.24	0.23	0.24	0.24	3.82	ppb
Vanadium	51-2	3.14	3.10	3.37	3.20	4.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	112.53	110.37	114.93	112.61	2.03	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.51	0.52	0.52	3.42	ppb
Zirconium	91-1	0.53	0.50	0.55	0.52	5.13	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	207.81	203.12	210.79	207.24	1.86	ppb
Antimony	121-1	0.26	0.24	0.27	0.26	4.82	ppb
Arsenic	75-1	0.76	0.96	0.47	0.73	33.41	ppb
Barium	135-1	9.06	8.39	8.85	8.77	3.86	ppb
Barium	137-1	8.72	8.85	9.23	8.93	2.96	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	85.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	5.46	4.57	3.35	4.46	23.72	ppb
Boron	11-1	6.08	5.73	4.76	5.52	12.33	ppb
Cadmium	111-1	0.18	-0.02	-0.05	0.04	347.29	ppb
Cadmium	106-1	1.27	-1.06	-1.62	-0.47		ppb
Cadmium	108-1	0.01	0.17	0.07	0.08	99.74	ppb
Calcium	43-1	823.11	835.06	840.72	832.96	1.08	ppb
Calcium	44-1	815.66	819.31	840.13	825.04	1.60	ppb
Chromium	52-2	6.02	5.91	6.06	6.00	1.22	ppb
Cobalt	59-2	0.08	0.08	0.10	0.09	12.95	ppb
Copper	63-2	2.75	2.71	2.77	2.74	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				102		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	182.52	182.38	186.95	183.95	1.41	ppb
Iron	57-2	192.61	192.76	188.39	191.25	1.30	ppb
Krypton	83-1						cps
Lead	206-1	5.45	5.45	5.68	5.53	2.39	ppb
Lead	207-1	5.14	4.91	5.16	5.07	2.78	ppb
Lead	208-1	5.25	5.20	5.40	5.29	1.95	ppb
Lithium	6-1				77		%
Magnesium	24-2	13.23	12.11	11.97	12.44	5.53	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.46	4.47	4.58	4.50	1.45	ppb
Molybdenum	94-1	0.18	0.16	0.24	0.19	23.05	ppb
Molybdenum	95-1	0.10	0.12	0.10	0.11	12.92	ppb
Molybdenum	96-1	0.09	0.11	0.17	0.12	33.71	ppb
Molybdenum	97-1	0.07	0.10	0.12	0.10	21.96	ppb
Molybdenum	98-1	0.10	0.08	0.09	0.09	12.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.72	2.67	2.72	1.70	ppb
Phosphorus	31-2	47.26	57.29	63.40	55.98	14.55	ppb
Potassium	39-2	47.38	52.13	40.05	46.52	13.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	0.85	0.84	1.02	0.90	11.32	ppb
Selenium	78-2	0.85	0.59	0.89	0.78	20.99	ppb
Selenium	82-1	-0.45	-0.39	-0.30	-0.38		ppb
Silicon	28-1	203.32	171.93	179.75	185.00	8.83	ppb
Silver	109-1	0.19	0.21	0.18	0.20	7.48	ppb
Silver	107-1	0.18	0.19	0.20	0.19	5.13	ppb
Sodium	23-2	80.23	84.47	75.74	80.15	5.45	ppb
Strontium	86-1	7.20	6.98	7.52	7.23	3.76	ppb
Strontium	88-1	7.16	7.21	7.21	7.19	0.33	ppb
Sulfur	34-1	-1432.74	-1069.08	-1100.44	-1200.75		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.31	0.31	0.31	0.31	1.18	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	2.50	ppb
Tin	118-1	0.19	0.20	0.23	0.21	8.42	ppb
Titanium	47-1	38.10	23.30	17.92	26.44	39.53	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	3.89	ppb
Vanadium	51-2	1.32	1.32	1.40	1.35	3.18	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	7.85	7.68	8.03	7.85	2.23	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.09	0.10	0.09	22.42	ppb
Zirconium	91-1	0.23	0.12	0.08	0.14	55.82	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	209.68	206.74	208.24	208.22	0.70	ppb
Antimony	121-1	0.27	0.25	0.26	0.26	4.24	ppb
Arsenic	75-1	0.91	0.37	0.87	0.72	41.81	ppb
Barium	135-1	8.83	9.04	8.58	8.82	2.62	ppb
Barium	137-1	8.83	8.63	9.07	8.84	2.55	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	165.56	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	4.76	3.66	3.89	4.10	14.16	ppb
Boron	11-1	6.79	5.34	5.51	5.88	13.47	ppb
Cadmium	111-1	0.08	0.86	0.12	0.35	124.23	ppb
Cadmium	106-1	0.21	10.51	0.51	3.74	156.66	ppb
Cadmium	108-1	-0.03	-0.01	0.15	0.04	273.63	ppb
Calcium	43-1	840.06	818.87	835.75	831.56	1.35	ppb
Calcium	44-1	832.21	822.82	820.24	825.09	0.76	ppb
Chromium	52-2	7.51	6.42	6.52	6.82	8.79	ppb
Cobalt	59-2	0.10	0.11	0.11	0.10	3.43	ppb
Copper	63-2	2.73	2.67	2.77	2.72	1.87	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				97		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	186.55	187.85	192.46	188.96	1.64	ppb
Iron	57-2	188.93	193.04	189.02	190.33	1.23	ppb
Krypton	83-1						cps
Lead	206-1	5.65	5.50	5.64	5.59	1.51	ppb
Lead	207-1	5.18	4.93	5.13	5.08	2.61	ppb
Lead	208-1	5.36	5.25	5.37	5.33	1.26	ppb
Lithium	6-1				66		%
Magnesium	24-2	12.54	11.73	10.88	11.71	7.08	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.43	4.34	4.58	4.45	2.78	ppb
Molybdenum	94-1	0.24	0.24	0.27	0.25	8.02	ppb
Molybdenum	95-1	0.10	0.07	0.08	0.08	16.98	ppb
Molybdenum	96-1	0.11	0.09	0.11	0.10	8.79	ppb
Molybdenum	97-1	0.06	0.09	0.10	0.08	25.21	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.08	8.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.60	2.65	3.47	2.91	16.75	ppb
Phosphorus	31-2	43.48	60.04	51.14	51.55	16.07	ppb
Potassium	39-2	46.67	44.52	50.07	47.09	5.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	77-2	-0.01	-0.01	0.57	0.18	181.19	ppb
Selenium	78-2	1.04	0.54	0.49	0.69	44.23	ppb
Selenium	82-1	-1.16	-0.58	-0.50	-0.75		ppb
Silicon	28-1	285.86	323.06	503.58	370.83	31.40	ppb
Silver	109-1	0.18	0.19	0.15	0.17	10.58	ppb
Silver	107-1	0.17	0.19	0.17	0.18	3.79	ppb
Sodium	23-2	80.12	78.41	80.82	79.79	1.56	ppb
Strontium	86-1	6.95	7.06	7.47	7.16	3.81	ppb
Strontium	88-1	7.31	7.16	7.18	7.22	1.07	ppb
Sulfur	34-1	-893.52	-1068.10	-994.24	-985.29		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.24	0.23	0.24	5.45	ppb
Thallium	205-1	0.28	0.23	0.25	0.25	8.79	ppb
Tin	118-1	0.25	0.23	0.19	0.22	14.00	ppb
Titanium	47-1	12.44	72.97	16.72	34.04	99.22	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	1.10	ppb
Vanadium	51-2	1.37	1.38	1.31	1.36	2.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	7.61	7.46	7.88	7.65	2.77	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.17	0.15	10.02	ppb
Zirconium	91-1	1.32	0.15	0.08	0.52	135.05	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.61	39.55	38.88	38.68	2.54	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.18	ppb
Arsenic	75-1	0.30	0.00	-0.01	0.10	177.95	ppb
Barium	135-1	1.59	1.74	1.67	1.67	4.22	ppb
Barium	137-1	1.68	1.74	1.78	1.73	3.01	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	293.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	4.30	3.15	2.75	3.40	23.61	ppb
Boron	11-1	4.90	4.17	3.86	4.31	12.37	ppb
Cadmium	111-1	0.04	0.03	0.08	0.05	59.80	ppb
Cadmium	106-1	0.37	-0.01	0.96	0.44	111.53	ppb
Cadmium	108-1	0.04	-0.06	0.00	-0.01		ppb
Calcium	43-1	166.09	157.83	184.70	169.54	8.12	ppb
Calcium	44-1	174.29	170.52	172.91	172.57	1.10	ppb
Chromium	52-2	1.33	1.31	1.36	1.33	2.13	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	10.61	ppb
Copper	63-2	0.64	0.60	0.60	0.61	3.39	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				106		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				116		%
Iron	56-2	39.83	36.78	37.10	37.90	4.42	ppb
Iron	57-2	36.83	35.83	36.51	36.39	1.40	ppb
Krypton	83-1						cps
Lead	206-1	1.30	1.30	1.33	1.31	1.51	ppb
Lead	207-1	1.22	1.23	1.26	1.24	1.82	ppb
Lead	208-1	1.24	1.28	1.30	1.27	2.45	ppb
Lithium	6-1				65		%
Magnesium	24-2	3.31	3.19	3.37	3.29	2.82	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.99	0.91	0.94	4.90	ppb
Molybdenum	94-1	0.02	0.05	0.08	0.05	67.19	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	11.12	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	13.42	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	31.98	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	20.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.50	0.58	0.54	7.72	ppb
Phosphorus	31-2	-19.05	-5.95	-14.75	-13.25		ppb
Potassium	39-2	4.83	-1.38	4.12	2.53	134.64	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				110		%
Scandium	45-2				122		%
Selenium	77-2	-0.29	0.20	-0.04	-0.04		ppb
Selenium	78-2	0.40	-0.92	0.43	-0.03		ppb
Selenium	82-1	-0.99	-0.61	-0.63	-0.74		ppb
Silicon	28-1	7.62	60.41	28.09	32.04	83.06	ppb
Silver	109-1	0.05	0.05	0.04	0.05	10.14	ppb
Silver	107-1	0.04	0.05	0.05	0.05	10.92	ppb
Sodium	23-2	38.07	37.82	41.55	39.15	5.33	ppb
Strontium	86-1	1.44	1.40	1.30	1.38	5.27	ppb
Strontium	88-1	1.37	1.44	1.43	1.41	2.81	ppb
Sulfur	34-1	-952.81	-1243.39	-1269.20	-1155.13		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.12	0.09	0.11	17.53	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	8.59	ppb
Tin	118-1	-0.05	-0.04	-0.04	-0.05		ppb
Titanium	47-1	4.39	1.93	2.05	2.79	49.62	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	4.43	ppb
Vanadium	51-2	0.27	0.27	0.31	0.28	8.90	ppb
Yttrium	89-1				112		%
Yttrium	89-2				118		%
Zinc	66-2	2.07	2.14	2.12	2.11	1.55	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	12.85	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	53.18	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	549.00	529.38	569.69	549.36	3.67	ppb
Antimony	121-1	20.04	19.88	20.53	20.15	1.67	ppb
Arsenic	75-1	8.56	8.06	8.58	8.40	3.53	ppb
Barium	135-1	399.48	392.20	410.37	400.68	2.28	ppb
Barium	137-1	400.02	397.55	407.88	401.82	1.34	ppb
Beryllium	9-1	11.33	11.29	11.56	11.39	1.28	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	3.29	3.28	3.36	3.31	1.31	ppb
Boron	11-1	5.24	4.25	3.16	4.21	24.72	ppb
Cadmium	111-1	10.21	9.93	10.04	10.06	1.39	ppb
Cadmium	106-1	9.26	6.66	5.04	6.99	30.46	ppb
Cadmium	108-1	8.99	9.37	9.55	9.30	3.11	ppb
Calcium	43-1	802.74	779.47	799.81	794.01	1.60	ppb
Calcium	44-1	789.84	778.20	811.30	793.11	2.12	ppb
Chromium	52-2	44.84	43.35	48.37	45.52	5.66	ppb
Cobalt	59-2	99.35	95.90	106.33	100.53	5.29	ppb
Copper	63-2	52.61	51.01	56.03	53.22	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	372.66	357.86	393.36	374.63	4.76	ppb
Iron	57-2	375.92	363.18	397.29	378.79	4.55	ppb
Krypton	83-1						cps
Lead	206-1	9.19	9.13	9.19	9.17	0.36	ppb
Lead	207-1	8.46	8.62	8.77	8.61	1.78	ppb
Lead	208-1	8.78	8.82	8.99	8.87	1.25	ppb
Lithium	6-1				59		%
Magnesium	24-2	12.47	11.44	12.14	12.02	4.39	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.19	98.84	109.09	103.04	5.21	ppb
Molybdenum	94-1	0.18	0.19	0.26	0.21	20.47	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	9.63	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	3.12	ppb
Molybdenum	97-1	0.07	0.08	0.10	0.08	17.48	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	11.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.47	98.11	108.18	103.25	4.88	ppb
Phosphorus	31-2	41.49	19.32	50.15	36.99	42.99	ppb
Potassium	39-2	44.48	38.03	68.93	50.48	32.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	21.04	18.50	17.80	19.11	8.91	ppb
Selenium	78-2	18.39	19.62	22.03	20.01	9.25	ppb
Selenium	82-1	18.45	19.68	19.12	19.09	3.24	ppb
Silicon	28-1	300.65	180.85	136.70	206.07	41.17	ppb
Silver	109-1	9.93	9.84	10.27	10.01	2.28	ppb
Silver	107-1	10.17	9.96	10.31	10.15	1.75	ppb
Sodium	23-2	73.84	65.35	89.72	76.30	16.22	ppb
Strontium	86-1	6.85	7.05	7.09	7.00	1.81	ppb
Strontium	88-1	6.89	6.84	7.09	6.94	1.92	ppb
Sulfur	34-1	-1015.20	-1250.29	-1065.78	-1110.42		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	9.83	9.81	9.57	9.73	1.49	ppb
Thallium	205-1	9.89	9.65	9.81	9.78	1.25	ppb
Tin	118-1	0.17	0.19	0.19	0.18	5.75	ppb
Titanium	47-1	19.45	9.73	10.68	13.29	40.33	ppb
Uranium	238-1	0.12	0.09	0.08	0.10	19.86	ppb
Vanadium	51-2	97.11	94.08	104.37	98.52	5.37	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	105.66	101.97	111.57	106.40	4.55	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.06	0.07	18.95	ppb
Zirconium	91-1	0.13	0.13	0.17	0.14	18.55	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1661.86	1663.14	1665.49	1663.50	0.11	ppb
Antimony	121-1	0.37	0.34	0.37	0.36	5.70	ppb
Arsenic	75-1	2.06	2.01	2.20	2.09	4.75	ppb
Barium	135-1	38.28	39.69	39.64	39.20	2.05	ppb
Barium	137-1	37.88	39.28	39.34	38.83	2.14	ppb
Beryllium	9-1	0.12	0.09	0.13	0.11	21.88	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	4.41	3.25	3.61	3.75	15.89	ppb
Boron	11-1	4.20	4.50	3.34	4.01	15.06	ppb
Cadmium	111-1	0.18	0.25	0.37	0.27	34.70	ppb
Cadmium	106-1	-2.00	-1.19	0.35	-0.95		ppb
Cadmium	108-1	0.37	0.56	0.48	0.47	20.10	ppb
Calcium	43-1	2221.44	2294.80	2208.95	2241.73	2.07	ppb
Calcium	44-1	2226.02	2233.40	2243.65	2234.36	0.40	ppb
Chromium	52-2	7.57	7.38	7.56	7.50	1.43	ppb
Cobalt	59-2	0.34	0.29	0.31	0.31	8.23	ppb
Copper	63-2	16.78	16.43	16.69	16.63	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				99		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	1849.99	1827.39	1884.23	1853.87	1.54	ppb
Iron	57-2	1834.39	1805.88	1877.21	1839.16	1.95	ppb
Krypton	83-1						cps
Lead	206-1	65.31	66.47	68.12	66.63	2.12	ppb
Lead	207-1	59.42	60.57	61.55	60.52	1.76	ppb
Lead	208-1	62.59	63.61	64.65	63.62	1.62	ppb
Lithium	6-1				53		%
Magnesium	24-2	70.80	68.83	72.15	70.59	2.36	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.30	23.98	24.01	24.10	0.74	ppb
Molybdenum	94-1	0.74	0.83	0.72	0.76	7.43	ppb
Molybdenum	95-1	0.13	0.12	0.14	0.13	5.77	ppb
Molybdenum	96-1	0.19	0.26	0.24	0.23	14.34	ppb
Molybdenum	97-1	0.12	0.18	0.15	0.15	19.22	ppb
Molybdenum	98-1	0.14	0.13	0.14	0.14	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.78	2.78	2.65	2.73	2.80	ppb
Phosphorus	31-2	427.66	400.54	457.51	428.57	6.65	ppb
Potassium	39-2	57.55	53.34	59.11	56.67	5.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				111		%
Selenium	77-2	0.25	1.61	1.07	0.98	70.44	ppb
Selenium	78-2	0.62	0.33	0.98	0.64	51.09	ppb
Selenium	82-1	0.02	-0.18	0.15	0.00		ppb
Silicon	28-1	554.23	494.53	454.33	501.03	10.03	ppb
Silver	109-1	0.20	0.21	0.22	0.21	3.68	ppb
Silver	107-1	0.21	0.21	0.20	0.21	2.76	ppb
Sodium	23-2	74.64	75.30	75.36	75.10	0.53	ppb
Strontium	86-1	11.59	11.43	12.03	11.68	2.68	ppb
Strontium	88-1	11.59	11.97	12.07	11.88	2.11	ppb
Sulfur	34-1	-1222.64	-1246.82	-1234.27	-1234.58		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.17	0.15	0.17	8.46	ppb
Thallium	205-1	0.16	0.17	0.16	0.17	3.71	ppb
Tin	118-1	3.47	3.41	3.57	3.48	2.38	ppb
Titanium	47-1	20.28	38.63	30.92	29.94	30.78	ppb
Uranium	238-1	0.43	0.44	0.43	0.43	0.90	ppb
Vanadium	51-2	3.85	3.84	3.99	3.90	2.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	74.61	72.51	76.40	74.51	2.62	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.42	0.54	0.46	16.79	ppb
Zirconium	91-1	0.39	0.53	0.45	0.46	15.98	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1574.66	1550.03	1575.35	1566.68	0.92	ppb
Antimony	121-1	0.65	0.63	0.64	0.64	1.60	ppb
Arsenic	75-1	4.59	3.01	3.77	3.79	20.87	ppb
Barium	135-1	86.97	87.29	89.88	88.05	1.81	ppb
Barium	137-1	88.37	89.70	90.01	89.36	0.97	ppb
Beryllium	9-1	0.10	0.08	0.04	0.07	40.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	4.66	2.03	4.26	3.65	38.85	ppb
Boron	11-1	5.06	3.71	4.28	4.35	15.61	ppb
Cadmium	111-1	0.47	0.51	0.42	0.46	10.24	ppb
Cadmium	106-1	-0.30	-0.12	-0.14	-0.19		ppb
Cadmium	108-1	0.39	0.43	0.62	0.48	25.69	ppb
Calcium	43-1	2982.50	3021.44	3050.76	3018.23	1.13	ppb
Calcium	44-1	2956.29	2993.38	3063.86	3004.51	1.82	ppb
Chromium	52-2	11.07	11.25	11.47	11.26	1.79	ppb
Cobalt	59-2	0.53	0.52	0.52	0.52	0.20	ppb
Copper	63-2	32.77	32.45	33.75	32.99	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	2130.76	2127.45	2183.94	2147.38	1.48	ppb
Iron	57-2	2119.94	2106.08	2141.91	2122.64	0.85	ppb
Krypton	83-1						cps
Lead	206-1	251.35	251.57	257.58	253.50	1.39	ppb
Lead	207-1	227.09	230.19	235.26	230.85	1.79	ppb
Lead	208-1	241.08	242.70	249.29	244.36	1.78	ppb
Lithium	6-1				49		%
Magnesium	24-2	114.83	114.09	113.53	114.15	0.57	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	44.98	44.89	45.67	45.18	0.94	ppb
Molybdenum	94-1	0.74	1.30	0.68	0.90	38.10	ppb
Molybdenum	95-1	0.11	0.17	0.17	0.15	21.24	ppb
Molybdenum	96-1	0.21	0.18	0.25	0.21	15.95	ppb
Molybdenum	97-1	0.15	0.17	0.15	0.16	8.29	ppb
Molybdenum	98-1	0.14	0.15	0.16	0.15	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.77	4.90	4.90	4.86	1.53	ppb
Phosphorus	31-2	757.95	774.69	833.94	788.86	5.06	ppb
Potassium	39-2	67.29	59.33	70.26	65.62	8.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	1.07	1.06	1.37	1.17	15.41	ppb
Selenium	78-2	0.91	1.05	0.87	0.94	10.22	ppb
Selenium	82-1	0.64	-1.01	-0.86	-0.41		ppb
Silicon	28-1	401.57	367.83	399.23	389.54	4.84	ppb
Silver	109-1	0.32	0.36	0.37	0.35	8.30	ppb
Silver	107-1	0.36	0.36	0.37	0.36	0.31	ppb
Sodium	23-2	82.98	84.56	89.41	85.65	3.91	ppb
Strontium	86-1	29.85	30.29	31.20	30.45	2.26	ppb
Strontium	88-1	29.79	30.54	30.99	30.44	2.00	ppb
Sulfur	34-1	-1338.69	-1323.83	-1340.24	-1334.25		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.13	0.13	0.14	12.05	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	7.93	ppb
Tin	118-1	7.88	8.09	8.50	8.16	3.84	ppb
Titanium	47-1	24.56	25.39	27.44	25.80	5.75	ppb
Uranium	238-1	0.42	0.42	0.43	0.42	1.53	ppb
Vanadium	51-2	3.78	3.98	3.99	3.92	3.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	249.35	249.08	256.95	251.79	1.77	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.45	0.39	0.34	0.39	14.10	ppb
Zirconium	91-1	0.39	0.31	0.77	0.49	49.92	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7211.29	7024.11	7104.95	7113.45	1.32	ppb
Antimony	121-1	0.29	0.28	0.31	0.29	4.81	ppb
Arsenic	75-1	0.99	1.13	1.34	1.15	15.17	ppb
Barium	135-1	8.88	8.58	9.61	9.02	5.86	ppb
Barium	137-1	8.81	9.07	9.15	9.01	2.00	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	0.70	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	5.42	3.92	3.62	4.32	22.39	ppb
Boron	11-1	5.74	3.90	3.49	4.38	27.37	ppb
Cadmium	111-1	-0.04	0.01	-0.14	-0.06		ppb
Cadmium	106-1	-0.58	-0.22	-2.04	-0.95		ppb
Cadmium	108-1	0.12	0.12	0.07	0.10	29.30	ppb
Calcium	43-1	1667.38	1695.36	1738.39	1700.38	2.10	ppb
Calcium	44-1	1655.15	1690.92	1712.84	1686.30	1.73	ppb
Chromium	52-2	7.88	8.00	8.07	7.98	1.23	ppb
Cobalt	59-2	0.23	0.23	0.29	0.25	13.65	ppb
Copper	63-2	1.72	1.62	1.74	1.69	3.75	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				100		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	1264.49	1245.92	1264.63	1258.35	0.86	ppb
Iron	57-2	1247.48	1241.29	1272.03	1253.60	1.30	ppb
Krypton	83-1						cps
Lead	206-1	6.53	6.75	6.79	6.69	2.10	ppb
Lead	207-1	5.87	6.28	6.19	6.11	3.54	ppb
Lead	208-1	6.28	6.45	6.43	6.38	1.45	ppb
Lithium	6-1				47		%
Magnesium	24-2	88.86	89.52	94.72	91.03	3.53	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.70	1.64	1.60	1.65	3.02	ppb
Molybdenum	94-1	1.52	1.46	1.45	1.48	2.32	ppb
Molybdenum	95-1	0.13	0.10	0.11	0.11	11.09	ppb
Molybdenum	96-1	0.26	0.32	0.26	0.28	10.97	ppb
Molybdenum	97-1	0.14	0.17	0.10	0.14	25.25	ppb
Molybdenum	98-1	0.16	0.11	0.13	0.13	16.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.08	3.32	3.23	3.21	3.65	ppb
Phosphorus	31-2	49.57	50.44	56.85	52.28	7.60	ppb
Potassium	39-2	62.40	56.26	63.12	60.59	6.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	2.23	0.82	2.23	1.76	46.29	ppb
Selenium	78-2	0.40	0.82	1.14	0.79	47.38	ppb
Selenium	82-1	-0.48	0.03	-0.56	-0.34		ppb
Silicon	28-1	981.23	1137.17	998.26	1038.89	8.23	ppb
Silver	109-1	0.10	0.10	0.12	0.11	12.93	ppb
Silver	107-1	0.10	0.10	0.11	0.10	7.35	ppb
Sodium	23-2	75.46	75.96	76.44	75.95	0.64	ppb
Strontium	86-1	26.23	25.99	26.78	26.33	1.55	ppb
Strontium	88-1	25.42	26.51	26.72	26.22	2.67	ppb
Sulfur	34-1	-1663.96	-1833.31	-2005.38	-1834.22		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.10	0.10	0.10	8.97	ppb
Thallium	205-1	0.09	0.10	0.10	0.10	4.15	ppb
Tin	118-1	0.11	0.11	0.13	0.12	11.63	ppb
Titanium	47-1	37.34	17.87	20.86	25.36	41.35	ppb
Uranium	238-1	0.27	0.28	0.28	0.28	2.49	ppb
Vanadium	51-2	7.41	7.25	7.34	7.33	1.06	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	8.78	8.76	8.87	8.80	0.68	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.81	0.99	0.90	10.45	ppb
Zirconium	91-1	0.92	0.92	0.81	0.88	7.24	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6950.91	6889.96	7046.82	6962.56	1.14	ppb
Antimony	121-1	0.36	0.34	0.29	0.33	10.99	ppb
Arsenic	75-1	3.94	3.47	4.68	4.03	15.06	ppb
Barium	135-1	11.55	11.41	11.95	11.64	2.40	ppb
Barium	137-1	11.54	11.37	11.57	11.49	0.93	ppb
Beryllium	9-1	0.10	0.12	0.07	0.10	24.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	2.50	3.05	2.88	2.81	10.08	ppb
Boron	11-1	5.26	4.44	4.17	4.62	12.26	ppb
Cadmium	111-1	-0.10	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-1.57	-1.64	-1.02	-1.41		ppb
Cadmium	108-1	0.16	0.09	0.11	0.12	31.95	ppb
Calcium	43-1	3559.58	3683.80	3714.49	3652.62	2.25	ppb
Calcium	44-1	3588.60	3681.59	3705.03	3658.40	1.68	ppb
Chromium	52-2	7.39	7.33	7.45	7.39	0.82	ppb
Cobalt	59-2	0.08	0.09	0.11	0.09	16.23	ppb
Copper	63-2	1.76	1.80	1.76	1.77	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	369.01	368.60	376.38	371.33	1.18	ppb
Iron	57-2	372.92	373.06	394.41	380.13	3.25	ppb
Krypton	83-1						cps
Lead	206-1	7.20	7.29	7.51	7.33	2.20	ppb
Lead	207-1	6.53	6.63	6.78	6.65	1.89	ppb
Lead	208-1	6.92	7.00	7.17	7.03	1.85	ppb
Lithium	6-1				47		%
Magnesium	24-2	71.63	72.52	72.05	72.06	0.62	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.86	0.98	0.96	0.93	6.79	ppb
Molybdenum	94-1	1.29	1.34	1.67	1.44	14.44	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	22.86	ppb
Molybdenum	96-1	0.22	0.21	0.22	0.22	3.49	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	3.65	ppb
Molybdenum	98-1	0.08	0.08	0.05	0.07	22.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.81	1.77	1.75	3.66	ppb
Phosphorus	31-2	399.79	341.63	381.57	374.33	7.95	ppb
Potassium	39-2	46.11	43.50	54.45	48.02	11.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	1.95	2.99	1.66	2.20	31.85	ppb
Selenium	78-2	1.24	1.12	1.21	1.19	5.23	ppb
Selenium	82-1	0.01	-0.28	0.06	-0.07		ppb
Silicon	28-1	1259.56	1240.42	1273.90	1257.96	1.34	ppb
Silver	109-1	0.10	0.10	0.09	0.10	6.54	ppb
Silver	107-1	0.09	0.09	0.10	0.10	7.15	ppb
Sodium	23-2	78.45	78.15	85.27	80.63	5.00	ppb
Strontium	86-1	42.94	44.09	44.53	43.85	1.88	ppb
Strontium	88-1	42.74	43.82	44.58	43.71	2.11	ppb
Sulfur	34-1	-2636.70	-2630.94	-2616.50	-2628.05		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.10	0.08	0.09	12.17	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.52	ppb
Tin	118-1	0.18	0.13	0.15	0.15	15.48	ppb
Titanium	47-1	19.99	51.07	22.80	31.29	54.95	ppb
Uranium	238-1	0.41	0.41	0.41	0.41	0.97	ppb
Vanadium	51-2	3.59	3.56	3.73	3.62	2.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	3.96	3.87	3.89	3.91	1.23	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.93	0.84	0.87	5.55	ppb
Zirconium	91-1	0.81	0.86	0.78	0.82	4.52	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2181.24	2106.92	2142.91	2143.69	1.73	ppb
Antimony	121-1	0.25	0.25	0.21	0.24	9.77	ppb
Arsenic	75-1	7.38	7.21	7.50	7.37	1.98	ppb
Barium	135-1	15.37	16.62	15.82	15.94	3.98	ppb
Barium	137-1	15.29	15.77	15.43	15.50	1.58	ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	31.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	3.01	1.86	2.68	2.52	23.53	ppb
Boron	11-1	4.30	4.03	3.30	3.88	13.43	ppb
Cadmium	111-1	-0.05	-0.09	-0.04	-0.06		ppb
Cadmium	106-1	-1.78	-2.08	-1.84	-1.90		ppb
Cadmium	108-1	-0.03	-0.01	0.02	-0.01		ppb
Calcium	43-1	1731.92	1728.43	1769.52	1743.29	1.31	ppb
Calcium	44-1	1712.37	1718.31	1759.96	1730.21	1.50	ppb
Chromium	52-2	6.62	6.60	6.78	6.67	1.54	ppb
Cobalt	59-2	0.13	0.10	0.10	0.11	14.01	ppb
Copper	63-2	4.10	4.09	4.35	4.18	3.44	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				98		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	615.90	601.43	627.04	614.79	2.09	ppb
Iron	57-2	618.84	616.15	611.43	615.47	0.61	ppb
Krypton	83-1						cps
Lead	206-1	13.35	13.60	13.69	13.55	1.28	ppb
Lead	207-1	12.08	12.18	12.36	12.21	1.16	ppb
Lead	208-1	12.73	12.82	13.03	12.86	1.19	ppb
Lithium	6-1				43		%
Magnesium	24-2	39.48	36.91	41.90	39.43	6.33	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.50	4.26	5.14	4.63	9.84	ppb
Molybdenum	94-1	1.05	0.63	0.77	0.82	26.38	ppb
Molybdenum	95-1	0.09	0.10	0.10	0.09	4.08	ppb
Molybdenum	96-1	0.16	0.15	0.13	0.15	9.83	ppb
Molybdenum	97-1	0.17	0.14	0.17	0.16	9.72	ppb
Molybdenum	98-1	0.09	0.12	0.09	0.10	12.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.34	2.54	2.42	4.26	ppb
Phosphorus	31-2	386.16	342.67	379.68	369.50	6.35	ppb
Potassium	39-2	44.91	40.97	44.59	43.49	5.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	77-2	0.28	-0.29	-0.01	-0.01		ppb
Selenium	78-2	0.91	1.13	1.99	1.34	42.58	ppb
Selenium	82-1	-0.36	-1.05	-0.98	-0.79		ppb
Silicon	28-1	504.96	635.03	559.75	566.58	11.53	ppb
Silver	109-1	0.10	0.10	0.10	0.10	2.76	ppb
Silver	107-1	0.11	0.12	0.11	0.11	7.28	ppb
Sodium	23-2	90.84	88.38	92.89	90.70	2.49	ppb
Strontium	86-1	7.53	8.25	7.95	7.91	4.55	ppb
Strontium	88-1	7.53	10.69	7.82	8.68	20.11	ppb
Sulfur	34-1	-2641.98	-2624.77	-2632.96	-2633.24		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.08	0.07	0.07	5.35	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	10.11	ppb
Tin	118-1	1.86	1.81	1.74	1.80	3.60	ppb
Titanium	47-1	37.01	21.22	27.38	28.54	27.89	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	1.92	ppb
Vanadium	51-2	2.67	2.78	2.84	2.76	3.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	16.15	15.87	15.94	15.99	0.91	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.06	0.40	0.31	0.59	68.85	ppb
Zirconium	91-1	0.36	0.46	0.47	0.43	13.67	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.11	444.45	479.45	464.34	3.87	ppb
Antimony	121-1	0.22	0.21	0.22	0.22	0.82	ppb
Arsenic	75-1	0.14	0.45	1.10	0.56	86.86	ppb
Barium	135-1	17.60	18.66	18.28	18.18	2.95	ppb
Barium	137-1	18.03	17.77	18.70	18.17	2.62	ppb
Beryllium	9-1	-0.01	0.02	0.02	0.01	153.95	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	3.89	1.63	2.21	2.58	45.60	ppb
Boron	11-1	3.78	3.30	3.24	3.44	8.46	ppb
Cadmium	111-1	-0.07	-0.14	-0.27	-0.16		ppb
Cadmium	106-1	-1.59	-2.57	-4.39	-2.85		ppb
Cadmium	108-1	0.07	0.07	0.02	0.05	54.63	ppb
Calcium	43-1	873.79	900.82	915.51	896.71	2.36	ppb
Calcium	44-1	868.83	864.10	883.22	872.05	1.14	ppb
Chromium	52-2	7.11	6.84	7.04	6.99	2.00	ppb
Cobalt	59-2	0.07	0.10	0.10	0.09	15.21	ppb
Copper	63-2	2.51	2.40	2.48	2.46	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	294.14	286.48	292.35	290.99	1.38	ppb
Iron	57-2	311.48	288.72	294.09	298.10	3.99	ppb
Krypton	83-1						cps
Lead	206-1	10.65	10.55	11.18	10.79	3.11	ppb
Lead	207-1	9.53	9.83	9.92	9.76	2.07	ppb
Lead	208-1	10.08	10.28	10.48	10.28	1.94	ppb
Lithium	6-1				40		%
Magnesium	24-2	19.85	16.87	17.95	18.22	8.27	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.52	3.17	3.14	3.28	6.48	ppb
Molybdenum	94-1	0.20	0.20	0.24	0.22	11.06	ppb
Molybdenum	95-1	0.08	0.09	0.06	0.07	21.63	ppb
Molybdenum	96-1	0.08	0.12	0.13	0.11	23.25	ppb
Molybdenum	97-1	0.11	0.10	0.09	0.10	9.18	ppb
Molybdenum	98-1	0.09	0.09	0.07	0.08	14.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.55	2.61	2.67	6.03	ppb
Phosphorus	31-2	112.55	140.91	99.62	117.70	17.94	ppb
Potassium	39-2	38.08	37.45	38.17	37.90	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				103		%
Selenium	77-2	0.57	-0.01	0.84	0.47	93.12	ppb
Selenium	78-2	0.38	1.15	0.64	0.72	54.71	ppb
Selenium	82-1	-0.30	-0.77	-1.54	-0.87		ppb
Silicon	28-1	223.45	198.28	229.66	217.13	7.65	ppb
Silver	109-1	0.09	0.10	0.11	0.10	12.16	ppb
Silver	107-1	0.12	0.10	0.08	0.10	15.76	ppb
Sodium	23-2	75.12	75.94	77.75	76.27	1.77	ppb
Strontium	86-1	10.71	10.46	10.83	10.66	1.78	ppb
Strontium	88-1	10.52	10.46	10.80	10.59	1.67	ppb
Sulfur	34-1	-2364.37	-2387.13	-2405.47	-2385.66		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.08	0.07	2.01	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.53	ppb
Tin	118-1	0.34	0.37	0.32	0.34	8.14	ppb
Titanium	47-1	33.29	26.63	64.57	41.50	48.82	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	11.12	ppb
Vanadium	51-2	1.68	1.67	1.82	1.72	4.94	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	25.62	25.45	25.41	25.49	0.44	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.07	0.09	0.12	57.50	ppb
Zirconium	91-1	0.21	0.11	0.66	0.33	91.02	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	564.03	604.13	590.58	586.25	3.48	ppb
Antimony	121-1	0.31	0.33	0.33	0.32	2.58	ppb
Arsenic	75-1	2.92	2.16	2.70	2.59	15.19	ppb
Barium	135-1	35.31	34.63	35.08	35.01	0.99	ppb
Barium	137-1	34.87	34.78	35.84	35.16	1.67	ppb
Beryllium	9-1	0.05	0.01	0.07	0.04	69.96	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	2.70	2.60	2.85	2.72	4.50	ppb
Boron	11-1	3.78	4.01	4.42	4.07	7.97	ppb
Cadmium	111-1	0.78	0.60	0.75	0.71	13.23	ppb
Cadmium	106-1	-1.02	-1.40	-0.55	-0.99		ppb
Cadmium	108-1	1.34	2.75	0.99	1.70	54.88	ppb
Calcium	43-1	2398.20	2399.88	2486.05	2428.05	2.07	ppb
Calcium	44-1	2358.30	2406.70	2427.60	2397.53	1.48	ppb
Chromium	52-2	5.55	5.38	5.69	5.54	2.72	ppb
Cobalt	59-2	0.64	0.67	0.63	0.65	3.27	ppb
Copper	63-2	22.93	23.18	23.87	23.33	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	1211.85	1216.38	1235.29	1221.17	1.02	ppb
Iron	57-2	1207.88	1221.64	1232.32	1220.61	1.00	ppb
Krypton	83-1						cps
Lead	206-1	56.89	56.72	58.47	57.36	1.69	ppb
Lead	207-1	52.36	51.91	52.54	52.27	0.62	ppb
Lead	208-1	54.44	54.23	55.24	54.64	0.98	ppb
Lithium	6-1				38		%
Magnesium	24-2	57.46	57.86	59.39	58.24	1.75	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	73.73	73.98	74.91	74.21	0.83	ppb
Molybdenum	94-1	0.56	0.63	0.63	0.61	6.40	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	20.11	ppb
Molybdenum	96-1	0.14	0.18	0.14	0.15	16.44	ppb
Molybdenum	97-1	0.14	0.13	0.20	0.16	24.72	ppb
Molybdenum	98-1	0.09	0.12	0.09	0.10	19.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.99	3.18	3.21	3.13	3.90	ppb
Phosphorus	31-2	158.39	227.74	202.10	196.08	17.88	ppb
Potassium	39-2	43.71	39.41	54.40	45.84	16.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				104		%
Selenium	77-2	0.54	1.10	0.00	0.55	100.48	ppb
Selenium	78-2	0.84	1.16	1.33	1.11	22.43	ppb
Selenium	82-1	-0.37	-0.98	-0.96	-0.77		ppb
Silicon	28-1	245.80	157.89	279.96	227.88	27.64	ppb
Silver	109-1	0.21	0.21	0.20	0.21	2.20	ppb
Silver	107-1	0.21	0.23	0.19	0.21	10.11	ppb
Sodium	23-2	85.75	83.45	90.45	86.55	4.12	ppb
Strontium	86-1	15.07	15.27	15.39	15.24	1.07	ppb
Strontium	88-1	14.92	14.96	14.93	14.94	0.15	ppb
Sulfur	34-1	-2040.90	-2023.11	-2029.35	-2031.12		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.06	0.05	0.06	19.81	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	13.40	ppb
Tin	118-1	3.21	3.27	3.27	3.25	1.12	ppb
Titanium	47-1	18.00	18.43	51.09	29.17	65.08	ppb
Uranium	238-1	0.28	0.29	0.26	0.28	4.15	ppb
Vanadium	51-2	3.85	3.84	3.91	3.87	0.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	573.27	576.55	585.43	578.42	1.09	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.35	0.36	0.35	4.56	ppb
Zirconium	91-1	0.39	0.39	0.38	0.39	0.96	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.90	468.45	482.47	479.27	2.01	ppb
Antimony	121-1	0.31	0.30	0.28	0.29	5.13	ppb
Arsenic	75-1	0.32	1.15	1.15	0.87	55.17	ppb
Barium	135-1	22.09	22.01	22.76	22.29	1.85	ppb
Barium	137-1	21.96	22.17	23.15	22.43	2.84	ppb
Beryllium	9-1	-0.01	-0.01	0.04	0.01	271.69	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	3.51	1.98	1.25	2.25	51.28	ppb
Boron	11-1	4.52	4.12	3.19	3.95	17.35	ppb
Cadmium	111-1	-0.01	-0.10	-0.07	-0.06		ppb
Cadmium	106-1	-1.57	-2.27	-1.98	-1.94		ppb
Cadmium	108-1	0.02	0.04	0.13	0.06	88.51	ppb
Calcium	43-1	2162.09	2206.64	2163.21	2177.31	1.17	ppb
Calcium	44-1	2126.50	2175.03	2184.88	2162.14	1.45	ppb
Chromium	52-2	2.96	2.81	2.98	2.92	3.26	ppb
Cobalt	59-2	0.14	0.14	0.13	0.14	3.05	ppb
Copper	63-2	5.21	5.01	5.13	5.12	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	346.46	338.28	348.80	344.51	1.60	ppb
Iron	57-2	361.88	346.71	350.95	353.18	2.22	ppb
Krypton	83-1						cps
Lead	206-1	9.48	9.78	9.84	9.70	1.99	ppb
Lead	207-1	8.45	8.88	9.07	8.80	3.62	ppb
Lead	208-1	9.01	9.25	9.40	9.22	2.17	ppb
Lithium	6-1				38		%
Magnesium	24-2	52.77	51.60	52.77	52.38	1.30	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.44	11.27	11.37	11.36	0.73	ppb
Molybdenum	94-1	0.47	0.33	0.32	0.37	21.52	ppb
Molybdenum	95-1	0.03	0.05	0.05	0.04	27.31	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.08	8.04	ppb
Molybdenum	97-1	0.10	0.10	0.09	0.09	5.21	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	20.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.26	1.35	1.31	3.55	ppb
Phosphorus	31-2	48.39	22.98	37.87	36.41	35.06	ppb
Potassium	39-2	43.14	33.85	41.40	39.46	12.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				103		%
Selenium	77-2	0.29	0.27	0.28	0.28	2.92	ppb
Selenium	78-2	1.30	1.35	0.74	1.13	29.88	ppb
Selenium	82-1	-1.20	-0.36	-0.93	-0.83		ppb
Silicon	28-1	269.70	245.51	269.75	261.65	5.34	ppb
Silver	109-1	0.13	0.11	0.12	0.12	10.50	ppb
Silver	107-1	0.11	0.11	0.10	0.11	8.88	ppb
Sodium	23-2	78.42	74.83	77.62	76.96	2.45	ppb
Strontium	86-1	7.73	7.98	8.04	7.92	2.05	ppb
Strontium	88-1	7.96	8.03	8.24	8.08	1.83	ppb
Sulfur	34-1	-1844.27	-1832.16	-1766.99	-1814.47		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.06	0.05	0.06	20.61	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	9.33	ppb
Tin	118-1	0.26	0.24	0.25	0.25	5.62	ppb
Titanium	47-1	17.37	31.25	13.90	20.84	44.05	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	4.90	ppb
Vanadium	51-2	2.09	2.09	2.04	2.07	1.30	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	25.68	25.02	25.24	25.31	1.33	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.14	0.23	0.16	32.27	ppb
Zirconium	91-1	0.48	0.20	0.16	0.28	61.24	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	382.09	370.50	391.77	381.46	2.79	ppb
Antimony	121-1	0.39	0.37	0.36	0.37	3.49	ppb
Arsenic	75-1	0.70	0.64	0.62	0.65	5.95	ppb
Barium	135-1	55.15	56.98	57.06	56.40	1.92	ppb
Barium	137-1	55.18	56.18	57.71	56.36	2.27	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	39.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	2.75	3.46	3.00	3.07	11.88	ppb
Boron	11-1	4.04	3.17	3.26	3.49	13.73	ppb
Cadmium	111-1	0.89	0.70	0.75	0.78	12.67	ppb
Cadmium	106-1	1.67	-1.51	-1.25	-0.37		ppb
Cadmium	108-1	1.03	0.95	0.59	0.85	27.34	ppb
Calcium	43-1	1262.75	1305.93	1302.04	1290.24	1.85	ppb
Calcium	44-1	1246.48	1269.46	1296.89	1270.94	1.99	ppb
Chromium	52-2	4.19	4.23	4.22	4.21	0.47	ppb
Cobalt	59-2	0.48	0.47	0.48	0.48	1.67	ppb
Copper	63-2	43.12	42.18	42.57	42.62	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	674.44	655.25	666.14	665.28	1.45	ppb
Iron	57-2	679.98	672.24	671.01	674.41	0.72	ppb
Krypton	83-1						cps
Lead	206-1	7.82	7.83	7.89	7.84	0.52	ppb
Lead	207-1	7.00	7.13	6.92	7.01	1.47	ppb
Lead	208-1	7.33	7.46	7.44	7.41	0.93	ppb
Lithium	6-1				37		%
Magnesium	24-2	22.51	21.12	21.83	21.82	3.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	42.17	41.64	42.33	42.05	0.85	ppb
Molybdenum	94-1	0.16	0.16	0.20	0.17	12.41	ppb
Molybdenum	95-1	0.06	0.08	0.10	0.08	21.48	ppb
Molybdenum	96-1	0.08	0.17	0.12	0.12	38.50	ppb
Molybdenum	97-1	0.15	0.09	0.08	0.10	33.59	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.09	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.56	2.58	2.52	3.49	ppb
Phosphorus	31-2	243.61	225.21	201.10	223.31	9.55	ppb
Potassium	39-2	44.42	37.46	43.53	41.80	9.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				103		%
Selenium	77-2	0.57	-0.29	0.56	0.28	176.43	ppb
Selenium	78-2	0.64	0.42	0.75	0.60	27.97	ppb
Selenium	82-1	-0.68	-0.75	-1.05	-0.83		ppb
Silicon	28-1	265.27	197.95	170.76	211.33	23.02	ppb
Silver	109-1	0.18	0.23	0.19	0.20	14.48	ppb
Silver	107-1	0.20	0.16	0.17	0.18	9.61	ppb
Sodium	23-2	76.15	73.77	76.73	75.55	2.08	ppb
Strontium	86-1	18.33	18.25	19.15	18.58	2.67	ppb
Strontium	88-1	17.84	18.65	18.33	18.27	2.23	ppb
Sulfur	34-1	-1762.41	-1714.17	-1673.80	-1716.79		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.06	0.04	0.05	19.05	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.60	ppb
Tin	118-1	0.28	0.20	0.21	0.23	18.97	ppb
Titanium	47-1	14.81	15.93	30.36	20.36	42.58	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	6.22	ppb
Vanadium	51-2	1.56	1.52	1.59	1.56	2.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	171.59	168.38	172.40	170.79	1.25	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.22	0.17	0.15	46.09	ppb
Zirconium	91-1	0.07	0.12	0.06	0.08	32.86	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2887.04	2932.80	2941.20	2920.35	1.00	ppb
Antimony	121-1	0.43	0.39	0.39	0.40	6.12	ppb
Arsenic	75-1	1.34	0.91	1.34	1.20	20.97	ppb
Barium	135-1	73.33	72.43	72.70	72.82	0.63	ppb
Barium	137-1	72.35	70.65	73.53	72.18	2.01	ppb
Beryllium	9-1	0.20	0.29	0.23	0.24	18.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	5.96	6.28	5.95	6.06	3.16	ppb
Boron	11-1	6.68	6.11	7.03	6.61	7.04	ppb
Cadmium	111-1	1.49	1.42	1.31	1.40	6.65	ppb
Cadmium	106-1	1.71	0.67	-0.43	0.65	164.00	ppb
Cadmium	108-1	1.96	1.83	1.79	1.86	4.67	ppb
Calcium	43-1	60472.50	59379.07	60751.60	60201.06	1.20	ppb
Calcium	44-1	60850.91	59734.62	61299.42	60628.32	1.33	ppb
Chromium	52-2	9.25	9.10	9.26	9.20	0.97	ppb
Cobalt	59-2	1.02	1.02	1.00	1.02	1.47	ppb
Copper	63-2	24.10	24.18	25.01	24.43	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				99		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	2489.85	2452.16	2530.01	2490.67	1.56	ppb
Iron	57-2	2524.95	2508.84	2570.57	2534.79	1.26	ppb
Krypton	83-1						cps
Lead	206-1	57.26	56.84	56.94	57.01	0.38	ppb
Lead	207-1	52.81	52.26	52.48	52.52	0.53	ppb
Lead	208-1	54.51	54.08	54.54	54.38	0.47	ppb
Lithium	6-1				38		%
Magnesium	24-2	729.89	715.02	717.63	720.85	1.10	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	67.98	67.84	69.94	68.59	1.71	ppb
Molybdenum	94-1	6.08	7.73	6.67	6.83	12.21	ppb
Molybdenum	95-1	0.20	0.25	0.21	0.22	12.93	ppb
Molybdenum	96-1	0.91	1.09	1.08	1.03	9.76	ppb
Molybdenum	97-1	0.19	0.28	0.22	0.23	20.06	ppb
Molybdenum	98-1	0.22	0.19	0.21	0.21	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.76	4.92	4.67	4.78	2.73	ppb
Phosphorus	31-2	175.06	196.34	188.57	186.66	5.77	ppb
Potassium	39-2	91.21	85.65	100.53	92.46	8.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				104		%
Selenium	77-2	1.38	2.49	0.57	1.48	65.21	ppb
Selenium	78-2	0.34	0.93	0.25	0.51	72.52	ppb
Selenium	82-1	0.02	-0.80	-0.33	-0.37		ppb
Silicon	28-1	913.04	895.87	980.49	929.80	4.81	ppb
Silver	109-1	0.20	0.16	0.19	0.18	9.35	ppb
Silver	107-1	0.19	0.17	0.17	0.18	7.92	ppb
Sodium	23-2	89.82	92.29	92.54	91.55	1.64	ppb
Strontium	86-1	65.98	65.31	65.89	65.73	0.55	ppb
Strontium	88-1	66.17	64.95	65.88	65.66	0.97	ppb
Sulfur	34-1	-1239.08	-1352.75	-1152.00	-1247.95		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.16	ppb
Thallium	205-1	0.11	0.11	0.09	0.11	9.69	ppb
Tin	118-1	2.34	2.42	2.40	2.38	1.73	ppb
Titanium	47-1	98.84	94.50	77.14	90.16	12.73	ppb
Uranium	238-1	0.27	0.27	0.29	0.28	2.85	ppb
Vanadium	51-2	5.30	5.20	5.42	5.31	2.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	195.12	196.88	199.29	197.09	1.06	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.70	4.32	4.59	4.54	4.28	ppb
Zirconium	91-1	4.48	4.53	4.31	4.44	2.55	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	443.26	459.68	485.63	462.86	4.61	ppb
Antimony	121-1	0.17	0.15	0.19	0.17	9.48	ppb
Arsenic	75-1	0.59	-0.35	0.38	0.21	239.84	ppb
Barium	135-1	12.14	12.22	12.11	12.16	0.45	ppb
Barium	137-1	12.12	12.35	11.82	12.09	2.18	ppb
Beryllium	9-1	0.05	-0.02	-0.01	0.01	591.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	1.34	3.64	2.78	2.59	44.85	ppb
Boron	11-1	3.78	3.28	2.54	3.20	19.56	ppb
Cadmium	111-1	-0.14	-0.14	-0.11	-0.13		ppb
Cadmium	106-1	-2.03	-1.76	-1.63	-1.81		ppb
Cadmium	108-1	0.02	0.35	-0.01	0.12	164.40	ppb
Calcium	43-1	1171.42	1218.34	1278.81	1222.86	4.40	ppb
Calcium	44-1	1211.13	1223.50	1271.12	1235.25	2.56	ppb
Chromium	52-2	11.28	10.29	10.47	10.68	4.92	ppb
Cobalt	59-2	0.13	0.12	0.13	0.13	4.26	ppb
Copper	63-2	1.99	2.03	2.08	2.04	2.33	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				98		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	222.55	227.71	230.50	226.92	1.78	ppb
Iron	57-2	238.67	231.53	232.56	234.25	1.65	ppb
Krypton	83-1						cps
Lead	206-1	3.17	3.13	3.25	3.18	1.94	ppb
Lead	207-1	2.84	2.86	2.96	2.89	2.25	ppb
Lead	208-1	2.99	3.03	3.09	3.04	1.74	ppb
Lithium	6-1				38		%
Magnesium	24-2	34.33	33.53	34.55	34.14	1.57	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.95	2.34	2.18	2.16	8.91	ppb
Molybdenum	94-1	0.19	0.29	0.77	0.42	75.38	ppb
Molybdenum	95-1	0.09	0.09	0.10	0.09	3.83	ppb
Molybdenum	96-1	0.14	0.18	0.11	0.14	24.31	ppb
Molybdenum	97-1	0.15	0.13	0.15	0.14	8.22	ppb
Molybdenum	98-1	0.12	0.09	0.08	0.10	21.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.85	5.75	5.13	5.24	8.83	ppb
Phosphorus	31-2	18.26	17.09	20.55	18.64	9.45	ppb
Potassium	39-2	47.94	46.51	54.01	49.49	8.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				100		%
Selenium	77-2	0.30	-0.29	1.77	0.59	178.89	ppb
Selenium	78-2	0.14	0.64	0.42	0.40	63.09	ppb
Selenium	82-1	-1.32	-0.54	-1.41	-1.09		ppb
Silicon	28-1	313.86	306.04	223.69	281.20	17.77	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.69	ppb
Silver	107-1	0.07	0.09	0.07	0.08	12.24	ppb
Sodium	23-2	74.07	73.28	76.82	74.72	2.49	ppb
Strontium	86-1	16.19	16.38	16.93	16.50	2.34	ppb
Strontium	88-1	16.45	26.46	16.68	19.86	28.79	ppb
Sulfur	34-1	-1219.84	-1188.83	-1106.20	-1171.62		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.05	0.06	0.05	21.54	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	19.91	ppb
Tin	118-1	0.03	0.08	0.06	0.06	44.17	ppb
Titanium	47-1	25.14	10.89	37.35	24.46	54.15	ppb
Uranium	238-1	0.08	0.07	0.06	0.07	13.61	ppb
Vanadium	51-2	1.67	1.56	1.87	1.70	9.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	72.75	72.24	74.08	73.02	1.30	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.15	0.26	0.17	50.78	ppb
Zirconium	91-1	0.24	0.10	0.14	0.16	45.49	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	463.06	459.40	462.84	461.77	0.44	ppb
Antimony	121-1	0.24	0.21	0.21	0.22	8.64	ppb
Arsenic	75-1	0.73	0.80	0.48	0.67	25.26	ppb
Barium	135-1	9.63	9.97	9.95	9.85	1.91	ppb
Barium	137-1	9.87	9.74	10.20	9.94	2.39	ppb
Beryllium	9-1	-0.02	0.02	0.05	0.02	214.24	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	2.71	2.67	3.36	2.91	13.32	ppb
Boron	11-1	3.59	3.48	2.37	3.15	21.49	ppb
Cadmium	111-1	-0.24	-0.23	-0.19	-0.22		ppb
Cadmium	106-1	-3.22	-3.14	-2.76	-3.04		ppb
Cadmium	108-1	0.00	0.05	0.08	0.04	90.62	ppb
Calcium	43-1	1125.95	1125.27	1149.74	1133.65	1.23	ppb
Calcium	44-1	1115.19	1125.76	1133.62	1124.86	0.82	ppb
Chromium	52-2	5.21	5.30	5.24	5.25	0.88	ppb
Cobalt	59-2	0.09	0.08	0.09	0.09	5.48	ppb
Copper	63-2	1.19	1.25	1.28	1.24	3.70	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				97		%
Indium	115-2				98		%
Iron	56-2	206.33	209.71	213.45	209.83	1.70	ppb
Iron	57-2	202.42	214.74	215.42	210.86	3.47	ppb
Krypton	83-1						cps
Lead	206-1	3.75	3.70	3.71	3.72	0.72	ppb
Lead	207-1	3.41	3.31	3.51	3.41	2.89	ppb
Lead	208-1	3.53	3.46	3.56	3.52	1.40	ppb
Lithium	6-1				36		%
Magnesium	24-2	24.45	25.22	24.03	24.56	2.46	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.23	3.43	3.12	3.26	4.89	ppb
Molybdenum	94-1	0.55	6.32	0.27	2.38	143.37	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	8.99	ppb
Molybdenum	96-1	0.10	0.08	0.15	0.11	32.98	ppb
Molybdenum	97-1	0.15	0.17	0.14	0.15	9.68	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.30	2.23	2.30	2.61	22.84	ppb
Phosphorus	31-2	3.19	9.78	0.81	4.59	101.26	ppb
Potassium	39-2	47.18	44.31	49.28	46.92	5.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				88		%
Scandium	45-2				99		%
Selenium	77-2	-0.29	0.29	0.00	0.00	16368.90	ppb
Selenium	78-2	1.07	1.27	0.25	0.86	62.52	ppb
Selenium	82-1	-1.31	-0.86	-1.33	-1.17		ppb
Silicon	28-1	357.31	437.18	407.31	400.60	10.07	ppb
Silver	109-1	0.09	0.07	0.07	0.08	12.97	ppb
Silver	107-1	0.07	0.08	0.07	0.08	11.60	ppb
Sodium	23-2	80.75	80.25	75.81	78.94	3.44	ppb
Strontium	86-1	4.75	4.75	4.91	4.80	1.92	ppb
Strontium	88-1	4.66	4.72	4.84	4.74	1.90	ppb
Sulfur	34-1	-1058.46	-1050.09	-1170.49	-1093.01		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.04	0.04	0.04	10.46	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.87	ppb
Tin	118-1	0.05	0.08	0.06	0.06	21.72	ppb
Titanium	47-1	14.91	25.06	43.22	27.73	51.72	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	12.52	ppb
Vanadium	51-2	1.71	1.87	1.86	1.81	4.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2.62	2.86	2.78	2.76	4.39	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.30	0.11	0.17	61.56	ppb
Zirconium	91-1	0.18	0.42	0.15	0.25	58.52	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6111.45	6227.22	6295.40	6211.36	1.50	ppb
Antimony	121-1	0.36	0.35	0.37	0.36	2.89	ppb
Arsenic	75-1	0.80	0.90	1.07	0.92	14.86	ppb
Barium	135-1	26.29	27.04	26.99	26.77	1.56	ppb
Barium	137-1	26.66	27.13	26.77	26.85	0.93	ppb
Beryllium	9-1	0.08	0.04	0.14	0.08	56.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	3.30	0.99	2.95	2.41	51.46	ppb
Boron	11-1	3.76	3.45	2.85	3.36	13.78	ppb
Cadmium	111-1	0.49	0.59	0.48	0.52	11.81	ppb
Cadmium	106-1	-2.50	-0.68	-2.17	-1.78		ppb
Cadmium	108-1	0.84	0.80	0.52	0.72	24.18	ppb
Calcium	43-1	2536.17	2579.91	2542.52	2552.87	0.93	ppb
Calcium	44-1	2459.10	2499.34	2515.35	2491.26	1.16	ppb
Chromium	52-2	7.82	7.80	8.38	8.00	4.15	ppb
Cobalt	59-2	0.21	0.19	0.20	0.20	5.30	ppb
Copper	63-2	17.05	17.06	17.91	17.34	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	508.41	505.43	520.77	511.54	1.59	ppb
Iron	57-2	510.74	509.16	505.17	508.36	0.56	ppb
Krypton	83-1						cps
Lead	206-1	8.27	8.42	8.28	8.32	0.97	ppb
Lead	207-1	7.66	7.70	7.72	7.69	0.38	ppb
Lead	208-1	7.95	8.03	7.98	7.99	0.54	ppb
Lithium	6-1				38		%
Magnesium	24-2	113.26	112.95	112.81	113.00	0.20	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.68	11.89	12.28	11.95	2.56	ppb
Molybdenum	94-1	1.01	1.17	1.17	1.11	8.49	ppb
Molybdenum	95-1	0.06	0.07	0.09	0.07	24.74	ppb
Molybdenum	96-1	0.32	0.22	0.20	0.24	26.31	ppb
Molybdenum	97-1	0.10	0.14	0.12	0.12	16.34	ppb
Molybdenum	98-1	0.09	0.10	0.07	0.08	18.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.09	3.78	4.32	4.06	6.66	ppb
Phosphorus	31-2	2269.60	2290.58	2311.59	2290.59	0.92	ppb
Potassium	39-2	45.42	53.15	56.28	51.62	10.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	77-2	0.86	1.14	0.87	0.95	16.56	ppb
Selenium	78-2	0.80	0.96	-0.08	0.56	100.33	ppb
Selenium	82-1	-0.44	0.01	-0.37	-0.27		ppb
Silicon	28-1	464.18	509.48	508.97	494.21	5.26	ppb
Silver	109-1	0.10	0.12	0.13	0.12	11.80	ppb
Silver	107-1	0.11	0.11	0.12	0.11	6.87	ppb
Sodium	23-2	68.76	72.27	76.62	72.55	5.43	ppb
Strontium	86-1	74.58	74.59	77.64	75.61	2.33	ppb
Strontium	88-1	75.50	75.08	77.38	75.99	1.61	ppb
Sulfur	34-1	-1802.47	-1940.24	-1891.96	-1878.22		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.03	0.04	13.90	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	4.41	ppb
Tin	118-1	0.33	0.27	0.29	0.30	9.99	ppb
Titanium	47-1	17.73	32.82	18.89	23.14	36.27	ppb
Uranium	238-1	0.23	0.23	0.24	0.23	1.14	ppb
Vanadium	51-2	2.92	2.95	2.99	2.95	1.07	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	426.73	423.79	432.99	427.84	1.10	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.65	0.73	0.73	0.70	6.33	ppb
Zirconium	91-1	0.72	0.80	0.69	0.74	7.43	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8475.94	8456.25	8605.42	8512.54	0.95	ppb
Antimony	121-1	0.20	0.20	0.19	0.20	1.31	ppb
Arsenic	75-1	1.25	1.01	1.48	1.25	18.95	ppb
Barium	135-1	6.35	6.39	6.41	6.38	0.46	ppb
Barium	137-1	6.02	6.06	6.34	6.14	2.88	ppb
Beryllium	9-1	0.13	0.11	0.13	0.12	7.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	4.46	3.83	4.04	4.11	7.78	ppb
Boron	11-1	4.67	4.22	4.10	4.33	6.93	ppb
Cadmium	111-1	-0.18	-0.11	-0.28	-0.19		ppb
Cadmium	106-1	-2.59	-1.59	-3.84	-2.67		ppb
Cadmium	108-1	-0.08	0.04	0.07	0.01	822.42	ppb
Calcium	43-1	1674.20	1721.76	1742.09	1712.68	2.03	ppb
Calcium	44-1	1685.63	1679.05	1692.25	1685.64	0.39	ppb
Chromium	52-2	10.37	10.33	10.73	10.47	2.09	ppb
Cobalt	59-2	0.34	0.33	0.31	0.33	4.88	ppb
Copper	63-2	1.19	1.15	1.17	1.17	1.82	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				99		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	663.15	657.60	672.97	664.57	1.17	ppb
Iron	57-2	679.08	673.08	679.95	677.37	0.55	ppb
Krypton	83-1						cps
Lead	206-1	5.06	5.29	5.22	5.19	2.22	ppb
Lead	207-1	4.58	4.59	4.53	4.57	0.78	ppb
Lead	208-1	4.82	4.92	4.87	4.87	1.04	ppb
Lithium	6-1				38		%
Magnesium	24-2	40.38	37.65	39.01	39.01	3.50	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.89	0.93	0.90	2.68	ppb
Molybdenum	94-1	1.47	1.54	1.42	1.48	4.23	ppb
Molybdenum	95-1	0.09	0.11	0.07	0.09	21.70	ppb
Molybdenum	96-1	0.24	0.28	0.25	0.26	7.77	ppb
Molybdenum	97-1	0.14	0.12	0.16	0.14	15.34	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	9.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.87	3.07	2.78	2.91	4.98	ppb
Phosphorus	31-2	41.52	27.43	-3.40	21.85	105.16	ppb
Potassium	39-2	40.66	46.50	49.50	45.55	9.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				98		%
Selenium	77-2	2.96	1.17	1.78	1.97	46.25	ppb
Selenium	78-2	0.53	0.09	2.06	0.89	115.04	ppb
Selenium	82-1	-0.43	-0.41	-0.80	-0.55		ppb
Silicon	28-1	1829.95	1798.98	1841.13	1823.35	1.20	ppb
Silver	109-1	0.06	0.06	0.06	0.06	5.89	ppb
Silver	107-1	0.06	0.05	0.06	0.05	14.40	ppb
Sodium	23-2	69.63	70.00	72.29	70.64	2.04	ppb
Strontium	86-1	7.62	7.68	7.49	7.59	1.27	ppb
Strontium	88-1	7.19	7.44	7.52	7.38	2.29	ppb
Sulfur	34-1	-2226.28	-2311.37	-2363.55	-2300.40		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.04	0.03	0.04	17.02	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.94	ppb
Tin	118-1	0.03	0.02	0.04	0.03	32.40	ppb
Titanium	47-1	15.15	14.83	21.94	17.31	23.21	ppb
Uranium	238-1	0.38	0.40	0.41	0.40	3.80	ppb
Vanadium	51-2	5.96	5.80	6.01	5.93	1.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.72	2.78	3.05	2.85	6.20	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.91	0.87	0.89	2.32	ppb
Zirconium	91-1	0.97	0.99	1.09	1.02	6.52	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2159.38	2168.65	2184.50	2170.85	0.59	ppb
Antimony	121-1	0.29	0.25	0.27	0.27	8.17	ppb
Arsenic	75-1	1.12	0.73	1.10	0.98	22.15	ppb
Barium	135-1	11.48	11.07	11.45	11.33	2.02	ppb
Barium	137-1	11.24	10.98	11.76	11.33	3.49	ppb
Beryllium	9-1	0.07	0.07	0.03	0.06	43.58	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	3.01	1.65	1.39	2.02	43.10	ppb
Boron	11-1	3.62	3.21	2.38	3.07	20.56	ppb
Cadmium	111-1	-0.02	-0.09	0.03	-0.03		ppb
Cadmium	106-1	-2.12	-2.89	-1.87	-2.29		ppb
Cadmium	108-1	0.15	0.30	0.07	0.17	67.28	ppb
Calcium	43-1	1165.16	1206.23	1198.00	1189.80	1.83	ppb
Calcium	44-1	1157.22	1187.01	1188.60	1177.61	1.50	ppb
Chromium	52-2	5.10	5.06	5.45	5.20	4.07	ppb
Cobalt	59-2	0.24	0.24	0.25	0.24	2.66	ppb
Copper	63-2	6.05	6.15	6.29	6.16	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	702.52	696.78	705.30	701.54	0.62	ppb
Iron	57-2	718.32	697.89	700.49	705.57	1.58	ppb
Krypton	83-1						cps
Lead	206-1	35.12	36.03	36.30	35.82	1.72	ppb
Lead	207-1	32.07	32.39	32.76	32.40	1.06	ppb
Lead	208-1	33.62	34.16	34.40	34.06	1.16	ppb
Lithium	6-1				37		%
Magnesium	24-2	96.25	96.59	100.64	97.83	2.50	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.24	18.04	18.52	18.26	1.32	ppb
Molybdenum	94-1	1.58	1.73	1.71	1.67	4.70	ppb
Molybdenum	95-1	0.30	0.29	0.27	0.29	5.62	ppb
Molybdenum	96-1	0.51	0.46	0.45	0.47	7.53	ppb
Molybdenum	97-1	0.34	0.34	0.36	0.35	3.47	ppb
Molybdenum	98-1	0.31	0.30	0.32	0.31	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.01	1.13	1.07	5.54	ppb
Phosphorus	31-2	487.58	488.39	457.04	477.67	3.74	ppb
Potassium	39-2	43.71	40.26	40.13	41.36	4.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				99		%
Selenium	77-2	1.76	0.58	1.20	1.18	49.81	ppb
Selenium	78-2	1.08	-0.21	0.08	0.32	212.74	ppb
Selenium	82-1	-0.78	-0.48	-0.41	-0.56		ppb
Silicon	28-1	613.13	394.79	419.58	475.83	25.12	ppb
Silver	109-1	0.10	0.11	0.11	0.11	4.79	ppb
Silver	107-1	0.10	0.11	0.12	0.11	10.13	ppb
Sodium	23-2	70.38	72.55	75.77	72.90	3.72	ppb
Strontium	86-1	31.57	31.82	32.77	32.06	1.98	ppb
Strontium	88-1	31.55	31.60	32.49	31.88	1.66	ppb
Sulfur	34-1	-2352.21	-2321.85	-2346.18	-2340.08		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.04	0.03	0.03	10.87	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	19.74	ppb
Tin	118-1	2.29	2.40	2.37	2.35	2.33	ppb
Titanium	47-1	29.70	27.77	24.37	27.28	9.89	ppb
Uranium	238-1	0.26	0.27	0.25	0.26	3.51	ppb
Vanadium	51-2	3.48	3.30	3.46	3.41	2.92	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	44.07	43.89	44.83	44.26	1.13	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.85	0.88	2.32	1.35	62.32	ppb
Zirconium	91-1	0.91	0.85	0.85	0.87	4.00	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	719.44	713.47	718.30	717.07	0.44	ppb
Antimony	121-1	0.35	0.30	0.32	0.32	7.33	ppb
Arsenic	75-1	1.94	1.60	2.27	1.94	17.38	ppb
Barium	135-1	23.64	24.47	23.84	23.98	1.79	ppb
Barium	137-1	23.85	24.39	24.86	24.37	2.08	ppb
Beryllium	9-1	0.05	0.11	0.07	0.08	38.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	1.96	4.98	2.15	3.03	55.87	ppb
Boron	11-1	4.43	3.32	3.28	3.68	17.79	ppb
Cadmium	111-1	0.21	0.11	0.09	0.14	46.74	ppb
Cadmium	106-1	-2.27	-3.12	-3.26	-2.88		ppb
Cadmium	108-1	0.02	0.65	0.39	0.35	88.90	ppb
Calcium	43-1	4155.42	4234.37	4250.60	4213.46	1.21	ppb
Calcium	44-1	4164.27	4253.80	4265.89	4227.99	1.31	ppb
Chromium	52-2	8.52	8.54	8.47	8.51	0.44	ppb
Cobalt	59-2	0.29	0.32	0.31	0.30	5.43	ppb
Copper	63-2	16.23	16.32	16.68	16.41	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	910.75	909.94	918.44	913.04	0.51	ppb
Iron	57-2	923.51	930.59	921.40	925.17	0.52	ppb
Krypton	83-1						cps
Lead	206-1	40.07	40.44	40.24	40.25	0.46	ppb
Lead	207-1	36.37	36.58	37.34	36.76	1.39	ppb
Lead	208-1	37.90	38.47	38.92	38.43	1.32	ppb
Lithium	6-1				36		%
Magnesium	24-2	222.53	220.59	227.11	223.41	1.50	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	29.31	29.31	29.54	29.39	0.45	ppb
Molybdenum	94-1	1.48	1.64	1.44	1.52	6.74	ppb
Molybdenum	95-1	0.22	0.19	0.17	0.19	13.86	ppb
Molybdenum	96-1	0.38	0.34	0.35	0.36	6.47	ppb
Molybdenum	97-1	0.15	0.18	0.21	0.18	16.55	ppb
Molybdenum	98-1	0.16	0.21	0.17	0.18	13.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.32	3.27	3.35	3.31	1.18	ppb
Phosphorus	31-2	170.21	179.63	157.95	169.26	6.42	ppb
Potassium	39-2	38.91	40.68	44.84	41.48	7.34	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				89		%
Scandium	45-2				99		%
Selenium	77-2	1.48	2.03	1.49	1.67	19.02	ppb
Selenium	78-2	0.47	0.75	0.74	0.66	23.96	ppb
Selenium	82-1	-0.22	-0.10	-0.50	-0.27		ppb
Silicon	28-1	214.06	260.42	422.86	299.11	36.66	ppb
Silver	109-1	0.11	0.12	0.11	0.11	5.22	ppb
Silver	107-1	0.12	0.11	0.11	0.12	4.25	ppb
Sodium	23-2	84.74	85.41	86.46	85.54	1.02	ppb
Strontium	86-1	77.47	78.17	80.32	78.65	1.89	ppb
Strontium	88-1	76.70	78.22	78.73	77.88	1.36	ppb
Sulfur	34-1	-1810.48	-1856.76	-1760.02	-1809.09		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.03	0.04	0.03	30.22	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	15.11	ppb
Tin	118-1	1.45	1.36	1.31	1.37	4.90	ppb
Titanium	47-1	16.67	17.10	17.69	17.15	2.99	ppb
Uranium	238-1	0.39	0.39	0.38	0.39	1.65	ppb
Vanadium	51-2	3.75	3.71	3.78	3.75	0.95	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	81.04	80.68	80.97	80.90	0.24	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.99	0.93	0.94	4.47	ppb
Zirconium	91-1	1.02	0.97	0.95	0.98	3.48	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1714.63	1650.69	1714.98	1693.43	2.19	ppb
Antimony	121-1	0.51	0.47	0.44	0.47	7.38	ppb
Arsenic	75-1	1.34	0.48	1.16	1.00	45.46	ppb
Barium	135-1	51.13	50.65	51.49	51.09	0.82	ppb
Barium	137-1	49.93	50.52	51.28	50.58	1.34	ppb
Beryllium	9-1	0.04	0.09	0.06	0.06	43.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	4.02	4.65	6.54	5.07	25.84	ppb
Boron	11-1	4.48	4.65	5.18	4.77	7.62	ppb
Cadmium	111-1	0.75	0.68	0.65	0.69	7.25	ppb
Cadmium	106-1	-1.54	-2.15	-2.54	-2.08		ppb
Cadmium	108-1	0.97	1.01	0.98	0.99	2.34	ppb
Calcium	43-1	2373.20	2434.11	2451.98	2419.76	1.71	ppb
Calcium	44-1	2358.85	2403.72	2418.76	2393.78	1.30	ppb
Chromium	52-2	4.59	4.56	4.61	4.59	0.46	ppb
Cobalt	59-2	0.35	0.37	0.38	0.37	5.03	ppb
Copper	63-2	21.78	21.10	22.09	21.66	2.36	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				96		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	2608.36	2499.12	2601.01	2569.50	2.38	ppb
Iron	57-2	2573.92	2485.92	2559.14	2539.66	1.86	ppb
Krypton	83-1						cps
Lead	206-1	131.04	133.02	135.07	133.04	1.51	ppb
Lead	207-1	120.52	123.70	125.07	123.09	1.90	ppb
Lead	208-1	126.30	128.30	129.34	127.98	1.21	ppb
Lithium	6-1				36		%
Magnesium	24-2	184.13	178.32	178.60	180.35	1.82	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.17	14.00	14.57	14.25	2.06	ppb
Molybdenum	94-1	0.63	0.90	0.65	0.72	20.58	ppb
Molybdenum	95-1	0.17	0.16	0.22	0.18	17.06	ppb
Molybdenum	96-1	0.27	0.24	0.26	0.26	4.50	ppb
Molybdenum	97-1	0.27	0.22	0.26	0.25	10.80	ppb
Molybdenum	98-1	0.17	0.22	0.17	0.19	13.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.92	2.69	3.04	2.88	6.23	ppb
Phosphorus	31-2	758.01	711.31	781.08	750.14	4.74	ppb
Potassium	39-2	74.71	65.90	75.07	71.90	7.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				100		%
Selenium	77-2	0.58	0.29	1.18	0.68	66.35	ppb
Selenium	78-2	0.72	0.24	1.48	0.82	76.49	ppb
Selenium	82-1	-0.44	-0.72	-0.76	-0.64		ppb
Silicon	28-1	432.59	361.10	555.13	449.61	21.82	ppb
Silver	109-1	0.13	0.13	0.12	0.13	3.82	ppb
Silver	107-1	0.12	0.13	0.13	0.12	5.76	ppb
Sodium	23-2	74.05	69.13	73.60	72.26	3.77	ppb
Strontium	86-1	44.19	45.17	46.84	45.40	2.95	ppb
Strontium	88-1	44.83	44.28	45.97	45.03	1.91	ppb
Sulfur	34-1	-1782.08	-1784.13	-1812.93	-1793.05		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.04	0.03	0.04	15.46	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	20.07	ppb
Tin	118-1	4.63	4.66	4.88	4.72	2.87	ppb
Titanium	47-1	30.19	21.48	24.72	25.47	17.29	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	3.20	ppb
Vanadium	51-2	4.75	4.47	4.78	4.67	3.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	194.33	188.11	196.57	193.00	2.27	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.35	0.37	0.37	3.04	ppb
Zirconium	91-1	0.36	0.36	0.36	0.36	0.63	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2665.74	2595.08	2697.36	2652.73	1.97	ppb
Antimony	121-1	0.42	0.41	0.41	0.41	1.72	ppb
Arsenic	75-1	1.97	1.72	2.03	1.91	8.65	ppb
Barium	135-1	33.37	32.49	33.79	33.22	2.00	ppb
Barium	137-1	33.41	32.97	34.70	33.69	2.67	ppb
Beryllium	9-1	0.09	0.04	0.06	0.07	41.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	3.89	2.85	2.09	2.94	30.84	ppb
Boron	11-1	4.48	4.22	3.75	4.15	8.92	ppb
Cadmium	111-1	0.20	0.38	0.27	0.29	31.46	ppb
Cadmium	106-1	-2.47	-0.10	-2.80	-1.79		ppb
Cadmium	108-1	0.65	0.37	0.35	0.46	37.15	ppb
Calcium	43-1	3317.13	3365.01	3377.93	3353.36	0.96	ppb
Calcium	44-1	3322.42	3413.75	3432.61	3389.60	1.74	ppb
Chromium	52-2	5.20	5.15	5.35	5.24	2.02	ppb
Cobalt	59-2	0.18	0.16	0.20	0.18	9.37	ppb
Copper	63-2	12.40	12.11	12.33	12.28	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1235.81	1201.76	1235.30	1224.29	1.59	ppb
Iron	57-2	1232.89	1223.98	1249.90	1235.59	1.07	ppb
Krypton	83-1						cps
Lead	206-1	34.68	35.18	35.61	35.16	1.33	ppb
Lead	207-1	32.19	31.98	33.11	32.43	1.86	ppb
Lead	208-1	33.42	33.83	34.33	33.86	1.34	ppb
Lithium	6-1				36		%
Magnesium	24-2	238.92	236.20	234.98	236.70	0.85	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.94	15.81	16.40	16.05	1.93	ppb
Molybdenum	94-1	1.15	1.21	1.24	1.20	4.05	ppb
Molybdenum	95-1	0.17	0.16	0.16	0.16	5.30	ppb
Molybdenum	96-1	0.32	0.30	0.31	0.31	3.88	ppb
Molybdenum	97-1	0.21	0.21	0.24	0.22	7.49	ppb
Molybdenum	98-1	0.16	0.17	0.18	0.17	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.25	2.40	2.37	4.89	ppb
Phosphorus	31-2	1173.55	1107.08	1068.78	1116.47	4.75	ppb
Potassium	39-2	53.51	49.72	51.55	51.59	3.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	1.19	1.73	2.03	1.65	25.78	ppb
Selenium	78-2	0.49	1.36	0.93	0.93	46.94	ppb
Selenium	82-1	-0.83	0.17	-0.87	-0.51		ppb
Silicon	28-1	420.93	443.28	325.82	396.68	15.72	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.79	ppb
Silver	107-1	0.17	0.15	0.15	0.16	7.43	ppb
Sodium	23-2	89.66	85.76	90.73	88.72	2.95	ppb
Strontium	86-1	57.80	58.81	59.47	58.69	1.43	ppb
Strontium	88-1	57.95	58.85	59.33	58.71	1.19	ppb
Sulfur	34-1	-1853.39	-1792.00	-1810.84	-1818.74		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.03	0.03	0.03	13.70	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	21.68	ppb
Tin	118-1	28.72	28.55	29.32	28.86	1.41	ppb
Titanium	47-1	23.61	17.17	15.14	18.64	23.70	ppb
Uranium	238-1	0.22	0.23	0.25	0.24	6.04	ppb
Vanadium	51-2	4.64	4.71	4.73	4.69	1.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	215.92	210.88	215.71	214.17	1.33	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.70	0.70	0.76	0.72	4.87	ppb
Zirconium	91-1	0.80	0.72	0.71	0.74	6.18	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44115.59	43181.32	45687.08	44328.00	2.86	ppb
Antimony	121-1	498.21	501.57	513.46	504.41	1.59	ppb
Arsenic	75-1	497.47	504.21	514.17	505.28	1.66	ppb
Barium	135-1	2464.17	2518.99	2564.32	2515.83	1.99	ppb
Barium	137-1	2436.92	2483.81	2534.67	2485.14	1.97	ppb
Beryllium	9-1	681.33	682.91	674.18	679.47	0.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				87		%
Boron	10-1	658.30	702.50	702.56	687.79	3.71	ppb
Boron	11-1	722.84	723.40	728.97	725.07	0.47	ppb
Cadmium	111-1	482.15	490.84	495.86	489.62	1.42	ppb
Cadmium	106-1	479.37	488.62	492.47	486.82	1.38	ppb
Cadmium	108-1	483.97	486.11	500.74	490.27	1.86	ppb
Calcium	43-1	230476.67	231951.77	238468.35	233632.26	1.82	ppb
Calcium	44-1	228821.88	232189.47	236253.92	232421.76	1.60	ppb
Chromium	52-2	507.80	496.46	525.66	509.97	2.89	ppb
Cobalt	59-2	489.97	480.32	513.21	494.50	3.42	ppb
Copper	63-2	964.06	935.84	994.55	964.82	3.04	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				108		%
Holmium	165-2				94		%
Indium	115-1				104		%
Indium	115-2				89		%
Iron	56-2	114749.84	111852.85	118458.65	115020.45	2.88	ppb
Iron	57-2	114719.21	111726.23	118780.68	115075.37	3.08	ppb
Krypton	83-1						cps
Lead	206-1	485.76	495.80	506.14	495.90	2.06	ppb
Lead	207-1	482.18	487.84	498.98	489.67	1.75	ppb
Lead	208-1	488.32	493.25	502.96	494.85	1.51	ppb
Lithium	6-1				52		%
Magnesium	24-2	230525.90	224532.65	239320.42	231459.66	3.21	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.36	941.05	1006.47	971.29	3.40	ppb
Molybdenum	94-1	2392.34	2441.32	2480.86	2438.18	1.82	ppb
Molybdenum	95-1	2410.96	2425.49	2471.06	2435.84	1.29	ppb
Molybdenum	96-1	2403.51	2402.78	2472.54	2426.28	1.65	ppb
Molybdenum	97-1	2379.34	2396.85	2487.11	2421.10	2.39	ppb
Molybdenum	98-1	2382.18	2425.00	2481.40	2429.53	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.21	480.04	516.91	496.06	3.81	ppb
Phosphorus	31-2	9607.33	9590.02	9952.26	9716.54	2.10	ppb
Potassium	39-2	113774.12	111246.45	117266.65	114095.74	2.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				87		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	506.67	482.86	501.86	497.13	2.53	ppb
Selenium	78-2	477.03	475.59	496.20	482.94	2.38	ppb
Selenium	82-1	464.81	474.19	485.41	474.80	2.17	ppb
Silicon	28-1	447.20	467.56	491.50	468.75	4.73	ppb
Silver	109-1	482.99	486.63	494.28	487.97	1.18	ppb
Silver	107-1	480.84	489.60	497.36	489.27	1.69	ppb
Sodium	23-2	237210.48	231303.18	246048.32	238187.33	3.12	ppb
Strontium	86-1	492.91	508.63	516.52	506.02	2.38	ppb
Strontium	88-1	499.69	508.23	517.23	508.39	1.73	ppb
Sulfur	34-1	7847.23	7958.91	8553.74	8119.96	4.68	ppb
Terbium	159-1				108		%
Terbium	159-2				93		%
Thallium	203-1	491.19	493.16	503.41	495.92	1.32	ppb
Thallium	205-1	488.50	493.75	503.47	495.24	1.53	ppb
Tin	118-1	497.92	502.35	517.54	505.93	2.03	ppb
Titanium	47-1	2394.41	2443.12	2501.18	2446.24	2.19	ppb
Uranium	238-1	487.77	495.06	502.86	495.23	1.52	ppb
Vanadium	51-2	497.18	485.73	511.89	498.27	2.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	954.48	929.89	991.56	958.64	3.24	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	481.26	489.23	502.27	490.92	2.16	ppb
Zirconium	91-1	475.40	481.09	494.66	483.72	2.05	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:49:22	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	1.43	0.67	0.93	47.10	ppb
Antimony	121-1	0.30	0.30	0.35	0.32	9.06	ppb
Arsenic	75-1	0.24	0.03	0.23	0.16	71.81	ppb
Barium	135-1	0.03	0.01	0.02	0.02	41.30	ppb
Barium	137-1	0.04	0.01	0.03	0.03	63.14	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	36.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	17.56	13.66	13.25	14.82	16.06	ppb
Boron	11-1	19.66	15.30	12.64	15.87	22.36	ppb
Cadmium	111-1	-0.10	-0.15	-0.08	-0.11		ppb
Cadmium	106-1	-1.48	-2.19	-1.32	-1.66		ppb
Cadmium	108-1	-0.04	0.00	-0.09	-0.04		ppb
Calcium	43-1	5.04	4.10	9.11	6.08	43.73	ppb
Calcium	44-1	10.07	9.00	12.58	10.55	17.41	ppb
Chromium	52-2	0.16	0.17	0.16	0.17	4.10	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	48.68	ppb
Copper	63-2	0.20	0.13	0.15	0.16	23.04	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				106		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	2.44	2.53	2.29	2.42	5.02	ppb
Iron	57-2	1.71	3.50	2.26	2.49	36.89	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.24	0.24	3.27	ppb
Lead	207-1	0.23	0.19	0.24	0.22	12.88	ppb
Lead	208-1	0.23	0.23	0.24	0.24	3.00	ppb
Lithium	6-1				59		%
Magnesium	24-2	3.33	4.38	2.73	3.48	24.08	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:49:22	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.03	0.02	25.29	ppb
Molybdenum	94-1	0.21	0.21	0.17	0.20	11.94	ppb
Molybdenum	95-1	0.17	0.18	0.22	0.19	13.61	ppb
Molybdenum	96-1	0.17	0.20	0.19	0.18	7.74	ppb
Molybdenum	97-1	0.17	0.20	0.20	0.19	10.42	ppb
Molybdenum	98-1	0.21	0.21	0.20	0.21	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.01	75.58	ppb
Phosphorus	31-2	-35.69	-25.90	-45.23	-35.60		ppb
Potassium	39-2	25.66	21.90	32.52	26.69	20.17	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.02	-0.29	0.02	-0.08		ppb
Selenium	78-2	0.37	1.17	0.43	0.66	67.66	ppb
Selenium	82-1	0.32	-1.00	-0.40	-0.36		ppb
Silicon	28-1	-15.47	-18.05	-13.88	-15.80		ppb
Silver	109-1	0.02	0.03	0.03	0.03	17.20	ppb
Silver	107-1	0.02	0.01	0.02	0.02	25.34	ppb
Sodium	23-2	74.14	74.52	74.44	74.36	0.27	ppb
Strontium	86-1	-0.05	0.02	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.69	ppb
Sulfur	34-1	-1333.14	-1556.20	-1036.12	-1308.49		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	0.23	0.19	0.20	0.21	9.97	ppb
Thallium	205-1	0.23	0.22	0.18	0.21	12.61	ppb
Tin	118-1	0.15	0.15	0.18	0.16	10.03	ppb
Titanium	47-1	0.02	0.04	-0.03	0.01	319.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.62	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	30.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%
Zinc	66-2	0.46	0.52	0.50	0.49	5.71	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:49:22	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.03	0.03	19.43	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	5.37	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5947.53	5879.82	5910.26	5912.54	0.57	ppb
Antimony	121-1	0.36	0.35	0.32	0.35	6.16	ppb
Arsenic	75-1	0.65	0.51	0.15	0.43	59.11	ppb
Barium	135-1	5.27	5.53	5.68	5.49	3.71	ppb
Barium	137-1	5.22	5.37	5.57	5.39	3.22	ppb
Beryllium	9-1	0.11	0.07	0.07	0.08	32.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	10.95	7.38	8.71	9.01	20.05	ppb
Boron	11-1	12.33	9.69	8.78	10.27	17.92	ppb
Cadmium	111-1	-0.18	-0.10	-0.13	-0.14		ppb
Cadmium	106-1	-2.92	-1.80	-2.03	-2.25		ppb
Cadmium	108-1	0.04	0.05	0.04	0.04	9.96	ppb
Calcium	43-1	3021.04	3083.52	3104.15	3069.57	1.41	ppb
Calcium	44-1	3052.33	3097.59	3144.49	3098.14	1.49	ppb
Chromium	52-2	9.70	9.58	9.68	9.66	0.65	ppb
Cobalt	59-2	0.09	0.10	0.11	0.10	8.65	ppb
Copper	63-2	1.10	1.05	1.09	1.08	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				112		%
Indium	115-2				95		%
Iron	56-2	318.93	320.21	318.53	319.23	0.27	ppb
Iron	57-2	326.35	319.71	325.58	323.88	1.12	ppb
Krypton	83-1						cps
Lead	206-1	6.42	6.56	6.62	6.53	1.58	ppb
Lead	207-1	5.89	5.88	5.96	5.91	0.77	ppb
Lead	208-1	6.19	6.24	6.25	6.23	0.50	ppb
Lithium	6-1				52		%
Magnesium	24-2	108.24	105.16	109.19	107.53	1.96	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	0.90	1.00	0.99	7.73	ppb
Molybdenum	94-1	1.44	1.48	1.44	1.45	1.73	ppb
Molybdenum	95-1	0.21	0.15	0.19	0.19	16.97	ppb
Molybdenum	96-1	0.34	0.32	0.38	0.34	8.79	ppb
Molybdenum	97-1	0.17	0.17	0.16	0.17	3.71	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.16	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.32	2.31	2.33	1.13	ppb
Phosphorus	31-2	39.75	40.40	37.99	39.38	3.16	ppb
Potassium	39-2	59.22	55.47	63.98	59.56	7.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	1.83	2.44	2.78	2.35	20.56	ppb
Selenium	78-2	2.05	1.46	1.42	1.64	21.37	ppb
Selenium	82-1	0.33	0.31	-0.59	0.02	2988.95	ppb
Silicon	28-1	734.14	779.78	800.75	771.55	4.41	ppb
Silver	109-1	0.10	0.11	0.13	0.11	12.47	ppb
Silver	107-1	0.13	0.12	0.46	0.24	81.23	ppb
Sodium	23-2	100.34	99.91	98.32	99.52	1.07	ppb
Strontium	86-1	30.74	31.67	31.60	31.34	1.65	ppb
Strontium	88-1	31.05	31.51	31.94	31.50	1.40	ppb
Sulfur	34-1	-1961.64	-1975.05	-1790.33	-1909.01		ppb
Terbium	159-1				108		%
Terbium	159-2				94		%
Thallium	203-1	0.32	0.30	0.28	0.30	5.18	ppb
Thallium	205-1	0.32	0.32	0.30	0.31	3.96	ppb
Tin	118-1	0.28	0.27	0.27	0.28	2.39	ppb
Titanium	47-1	23.96	22.66	23.82	23.48	3.05	ppb
Uranium	238-1	0.30	0.30	0.31	0.31	1.57	ppb
Vanadium	51-2	2.75	2.69	2.75	2.73	1.28	ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	2.17	2.08	1.84	2.03	8.61	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.95	0.93	0.92	2.97	ppb
Zirconium	91-1	0.94	1.01	0.93	0.96	4.49	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3883.17	3850.51	3885.67	3873.12	0.51	ppb
Antimony	121-1	0.25	0.28	0.27	0.26	6.08	ppb
Arsenic	75-1	0.40	0.88	0.43	0.57	47.57	ppb
Barium	135-1	11.33	11.44	11.43	11.40	0.53	ppb
Barium	137-1	11.64	11.47	12.18	11.76	3.15	ppb
Beryllium	9-1	0.04	0.08	0.05	0.05	35.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				92		%
Boron	10-1	6.32	6.32	6.71	6.45	3.49	ppb
Boron	11-1	8.66	7.35	6.05	7.35	17.69	ppb
Cadmium	111-1	-0.13	-0.06	-0.15	-0.12		ppb
Cadmium	106-1	-2.00	-1.48	-2.42	-1.97		ppb
Cadmium	108-1	0.09	-0.07	0.05	0.02	337.99	ppb
Calcium	43-1	4352.19	4389.30	4381.64	4374.37	0.45	ppb
Calcium	44-1	4270.04	4313.86	4381.91	4321.93	1.30	ppb
Chromium	52-2	8.89	8.72	9.24	8.95	2.98	ppb
Cobalt	59-2	0.08	0.06	0.08	0.08	16.00	ppb
Copper	63-2	1.42	1.35	1.44	1.40	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	56-2	195.06	191.89	194.03	193.66	0.84	ppb
Iron	57-2	198.08	198.90	207.54	201.51	2.60	ppb
Krypton	83-1						cps
Lead	206-1	6.87	7.15	7.06	7.03	2.05	ppb
Lead	207-1	6.22	6.44	6.32	6.32	1.80	ppb
Lead	208-1	6.58	6.73	6.73	6.68	1.25	ppb
Lithium	6-1				48		%
Magnesium	24-2	157.00	157.19	160.29	158.16	1.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.05	1.07	1.10	5.73	ppb
Molybdenum	94-1	1.28	1.28	1.35	1.30	2.96	ppb
Molybdenum	95-1	0.14	0.17	0.09	0.13	30.28	ppb
Molybdenum	96-1	0.35	1.82	0.22	0.80	111.77	ppb
Molybdenum	97-1	0.19	0.13	0.10	0.14	35.80	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	11.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.19	1.87	2.02	7.92	ppb
Phosphorus	31-2	37.17	33.50	51.72	40.80	23.62	ppb
Potassium	39-2	49.72	41.54	41.89	44.38	10.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	1.24	0.31	1.75	1.10	66.70	ppb
Selenium	78-2	1.04	1.72	0.38	1.04	63.78	ppb
Selenium	82-1	-0.01	-0.08	-0.03	-0.04		ppb
Silicon	28-1	619.05	612.55	687.50	639.70	6.49	ppb
Silver	109-1	0.09	0.10	0.10	0.10	8.69	ppb
Silver	107-1	0.09	0.09	0.10	0.09	5.49	ppb
Sodium	23-2	82.78	81.32	78.29	80.80	2.83	ppb
Strontium	86-1	40.90	41.37	42.23	41.50	1.63	ppb
Strontium	88-1	41.46	41.63	42.19	41.76	0.92	ppb
Sulfur	34-1	-2306.86	-2328.24	-1832.96	-2156.02		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.17	0.17	0.15	0.16	8.97	ppb
Thallium	205-1	0.17	0.15	0.16	0.16	4.04	ppb
Tin	118-1	0.26	0.31	0.27	0.28	9.16	ppb
Titanium	47-1	22.93	56.16	21.34	33.47	58.73	ppb
Uranium	238-1	0.34	0.34	0.31	0.33	4.48	ppb
Vanadium	51-2	2.86	2.82	2.91	2.86	1.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	2.85	2.92	3.06	2.95	3.70	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.80	0.85	0.76	0.80	5.20	ppb
Zirconium	91-1	0.75	0.85	0.77	0.79	7.08	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3867.32	3869.33	3939.15	3891.93	1.05	ppb
Antimony	121-1	0.24	0.27	0.25	0.25	6.93	ppb
Arsenic	75-1	0.28	0.43	0.77	0.49	50.69	ppb
Barium	135-1	11.27	11.65	12.11	11.68	3.58	ppb
Barium	137-1	11.05	11.37	11.72	11.38	2.95	ppb
Beryllium	9-1	0.02	0.03	0.00	0.02	92.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	3.77	5.61	4.30	4.56	20.78	ppb
Boron	11-1	6.76	6.82	5.92	6.50	7.77	ppb
Cadmium	111-1	-0.25	-0.16	-0.16	-0.19		ppb
Cadmium	106-1	-3.81	-2.37	-2.76	-2.98		ppb
Cadmium	108-1	-0.01	0.12	-0.01	0.03	222.15	ppb
Calcium	43-1	4245.46	4261.09	4313.43	4273.33	0.83	ppb
Calcium	44-1	4199.99	4229.16	4324.68	4251.28	1.53	ppb
Chromium	52-2	9.02	8.91	9.20	9.04	1.61	ppb
Cobalt	59-2	0.08	0.09	0.09	0.09	9.89	ppb
Copper	63-2	1.38	1.30	1.35	1.34	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	191.63	189.07	193.14	191.28	1.08	ppb
Iron	57-2	205.34	204.68	205.49	205.17	0.21	ppb
Krypton	83-1						cps
Lead	206-1	6.61	6.71	6.72	6.68	0.97	ppb
Lead	207-1	5.86	6.25	6.24	6.12	3.69	ppb
Lead	208-1	6.27	6.45	6.47	6.40	1.71	ppb
Lithium	6-1				42		%
Magnesium	24-2	154.02	156.10	155.31	155.14	0.68	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.02	1.03	1.01	2.66	ppb
Molybdenum	94-1	1.11	1.20	1.47	1.26	15.06	ppb
Molybdenum	95-1	0.13	0.10	0.12	0.11	13.12	ppb
Molybdenum	96-1	0.22	0.41	0.22	0.29	39.20	ppb
Molybdenum	97-1	0.13	0.12	0.13	0.13	5.01	ppb
Molybdenum	98-1	0.12	0.11	0.09	0.11	14.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.07	2.00	2.03	1.83	ppb
Phosphorus	31-2	41.06	61.34	39.45	47.28	25.80	ppb
Potassium	39-2	42.47	45.56	46.95	44.99	5.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	2.40	0.59	2.39	1.80	57.99	ppb
Selenium	78-2	1.99	0.72	0.62	1.11	69.03	ppb
Selenium	82-1	0.15	0.13	0.52	0.27	83.27	ppb
Silicon	28-1	643.31	771.51	758.15	724.32	9.73	ppb
Silver	109-1	0.08	0.11	0.08	0.09	16.66	ppb
Silver	107-1	0.09	0.09	0.09	0.09	4.83	ppb
Sodium	23-2	79.84	80.60	80.64	80.36	0.56	ppb
Strontium	86-1	40.95	40.56	42.51	41.34	2.49	ppb
Strontium	88-1	40.52	41.04	42.12	41.23	1.99	ppb
Sulfur	34-1	-2034.64	-1970.94	-2051.57	-2019.05		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.10	0.10	0.10	5.17	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	0.14	ppb
Tin	118-1	0.31	0.26	0.31	0.29	9.55	ppb
Titanium	47-1	25.19	20.52	18.94	21.55	15.07	ppb
Uranium	238-1	0.34	0.34	0.34	0.34	0.28	ppb
Vanadium	51-2	3.03	2.98	2.93	2.98	1.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	2.91	2.64	2.81	2.79	4.98	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.76	0.92	0.84	0.84	9.41	ppb
Zirconium	91-1	0.79	7.24	0.92	2.98	123.49	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	828.67	795.51	826.18	816.79	2.26	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	25.31	ppb
Arsenic	75-1	0.46	0.27	0.30	0.34	29.03	ppb
Barium	135-1	2.47	2.67	2.39	2.51	5.63	ppb
Barium	137-1	2.36	2.38	2.41	2.38	0.96	ppb
Beryllium	9-1	0.02	-0.01	0.04	0.02	131.93	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	5.26	3.96	2.79	4.00	30.91	ppb
Boron	11-1	6.46	6.10	5.48	6.01	8.28	ppb
Cadmium	111-1	-0.24	-0.14	-0.25	-0.21		ppb
Cadmium	106-1	-3.35	-1.96	-3.67	-2.99		ppb
Cadmium	108-1	-0.06	-0.06	0.02	-0.03		ppb
Calcium	43-1	960.07	950.22	948.60	952.96	0.65	ppb
Calcium	44-1	930.70	930.36	941.26	934.10	0.66	ppb
Chromium	52-2	1.99	1.94	1.97	1.97	1.27	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	13.07	ppb
Copper	63-2	0.40	0.37	0.37	0.38	4.39	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				95		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	41.46	40.65	42.31	41.47	1.99	ppb
Iron	57-2	44.24	44.91	47.13	45.43	3.33	ppb
Krypton	83-1						cps
Lead	206-1	1.72	1.76	1.75	1.74	1.32	ppb
Lead	207-1	1.60	1.60	1.54	1.58	2.04	ppb
Lead	208-1	1.63	1.64	1.64	1.64	0.38	ppb
Lithium	6-1				40		%
Magnesium	24-2	36.13	37.94	34.83	36.30	4.29	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.23	0.20	0.22	10.56	ppb
Molybdenum	94-1	0.28	0.30	0.25	0.28	7.75	ppb
Molybdenum	95-1	0.08	0.04	0.06	0.06	36.65	ppb
Molybdenum	96-1	0.06	0.07	0.10	0.08	30.18	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	10.42	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.43	0.44	0.45	6.02	ppb
Phosphorus	31-2	-38.35	-27.45	-7.79	-24.53		ppb
Potassium	39-2	23.17	18.93	25.87	22.65	15.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				97		%
Selenium	77-2	0.01	0.60	0.32	0.31	95.24	ppb
Selenium	78-2	1.43	0.19	0.70	0.77	80.71	ppb
Selenium	82-1	-1.14	-1.57	-0.43	-1.05		ppb
Silicon	28-1	156.13	172.02	191.40	173.19	10.20	ppb
Silver	109-1	0.03	0.03	0.05	0.04	27.25	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.31	ppb
Sodium	23-2	53.85	48.87	57.09	53.27	7.77	ppb
Strontium	86-1	9.13	8.94	8.97	9.01	1.12	ppb
Strontium	88-1	8.94	8.83	8.89	8.88	0.60	ppb
Sulfur	34-1	-1619.60	-1544.13	-1515.52	-1559.75		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.04	0.04	0.04	10.93	ppb
Thallium	205-1	0.05	0.04	0.05	0.04	8.29	ppb
Tin	118-1	0.17	0.16	0.22	0.18	17.11	ppb
Titanium	47-1	3.36	4.20	7.44	5.00	43.09	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	4.83	ppb
Vanadium	51-2	0.58	0.65	0.66	0.63	6.54	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.09	1.13	1.04	1.09	4.26	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.17	0.15	0.18	18.33	ppb
Zirconium	91-1	0.14	0.15	0.16	0.15	8.29	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4101.52	4074.43	4112.95	4096.30	0.48	ppb
Antimony	121-1	19.11	19.86	19.99	19.65	2.40	ppb
Arsenic	75-1	8.38	9.36	8.92	8.89	5.51	ppb
Barium	135-1	387.33	402.55	405.75	398.54	2.47	ppb
Barium	137-1	389.22	403.14	404.52	398.96	2.12	ppb
Beryllium	9-1	13.04	13.59	13.25	13.30	2.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	3.64	3.60	4.05	3.76	6.65	ppb
Boron	11-1	5.58	4.54	4.16	4.76	15.47	ppb
Cadmium	111-1	9.53	9.74	9.75	9.67	1.31	ppb
Cadmium	106-1	5.59	5.44	4.99	5.34	5.85	ppb
Cadmium	108-1	8.93	9.75	9.15	9.28	4.54	ppb
Calcium	43-1	4189.84	4115.99	4192.55	4166.13	1.04	ppb
Calcium	44-1	4147.51	4185.09	4243.73	4192.11	1.16	ppb
Chromium	52-2	48.41	47.63	48.44	48.16	0.96	ppb
Cobalt	59-2	101.15	99.57	100.62	100.44	0.80	ppb
Copper	63-2	52.97	52.91	53.03	52.97	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	56-2	378.84	375.03	379.65	377.84	0.65	ppb
Iron	57-2	396.23	384.25	384.95	388.48	1.73	ppb
Krypton	83-1						cps
Lead	206-1	10.46	10.36	10.58	10.47	1.03	ppb
Lead	207-1	9.53	9.70	9.80	9.68	1.42	ppb
Lead	208-1	9.95	10.03	10.15	10.04	0.98	ppb
Lithium	6-1				42		%
Magnesium	24-2	157.33	154.48	154.07	155.29	1.14	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.77	97.89	99.72	98.79	0.93	ppb
Molybdenum	94-1	1.21	1.22	1.26	1.23	2.13	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	7.00	ppb
Molybdenum	96-1	0.26	0.25	0.27	0.26	4.59	ppb
Molybdenum	97-1	0.18	0.17	0.23	0.19	17.71	ppb
Molybdenum	98-1	0.14	0.13	0.13	0.13	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.76	102.62	103.19	103.52	1.07	ppb
Phosphorus	31-2	10.95	29.84	47.39	29.39	62.00	ppb
Potassium	39-2	40.79	39.68	39.90	40.12	1.46	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	18.47	18.80	20.47	19.25	5.56	ppb
Selenium	78-2	21.24	20.68	20.84	20.92	1.39	ppb
Selenium	82-1	17.90	18.59	20.65	19.04	7.50	ppb
Silicon	28-1	614.63	591.48	660.85	622.32	5.68	ppb
Silver	109-1	9.45	9.76	9.85	9.68	2.16	ppb
Silver	107-1	9.35	9.66	9.90	9.63	2.86	ppb
Sodium	23-2	75.10	71.75	74.94	73.93	2.56	ppb
Strontium	86-1	40.05	39.52	41.31	40.29	2.29	ppb
Strontium	88-1	39.29	40.30	40.71	40.10	1.82	ppb
Sulfur	34-1	-2380.44	-2357.63	-2013.83	-2250.63		ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	9.16	9.43	9.40	9.33	1.58	ppb
Thallium	205-1	8.99	9.25	9.47	9.24	2.60	ppb
Tin	118-1	0.30	0.23	0.28	0.27	12.98	ppb
Titanium	47-1	30.27	26.68	22.35	26.43	15.02	ppb
Uranium	238-1	0.31	0.31	0.52	0.38	31.51	ppb
Vanadium	51-2	98.71	98.37	101.19	99.42	1.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	103.91	102.40	105.04	103.78	1.28	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.71	0.75	0.80	0.75	6.03	ppb
Zirconium	91-1	0.81	0.67	0.79	0.76	9.45	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	165.25	157.77	168.52	163.85	3.36	ppb
Antimony	121-1	0.16	0.15	0.15	0.15	2.98	ppb
Arsenic	75-1	0.06	0.76	0.06	0.29	138.69	ppb
Barium	135-1	4.39	4.27	4.22	4.29	2.07	ppb
Barium	137-1	4.22	4.27	4.44	4.31	2.62	ppb
Beryllium	9-1	0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				87		%
Boron	10-1	2.55	2.91	2.86	2.77	7.09	ppb
Boron	11-1	4.12	3.13	4.01	3.75	14.44	ppb
Cadmium	111-1	-0.08	-0.18	-0.14	-0.13		ppb
Cadmium	106-1	-1.36	-2.76	-2.48	-2.20		ppb
Cadmium	108-1	0.07	0.03	-0.06	0.01	552.33	ppb
Calcium	43-1	232.30	211.55	239.90	227.92	6.44	ppb
Calcium	44-1	218.56	226.57	228.10	224.41	2.28	ppb
Chromium	52-2	3.83	3.94	3.90	3.89	1.39	ppb
Cobalt	59-2	0.06	0.06	0.07	0.06	11.42	ppb
Copper	63-2	0.70	0.64	0.74	0.69	7.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				93		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	56-2	121.54	126.08	124.91	124.18	1.90	ppb
Iron	57-2	125.72	122.27	121.93	123.31	1.70	ppb
Krypton	83-1						cps
Lead	206-1	6.28	6.22	6.37	6.29	1.21	ppb
Lead	207-1	5.30	5.14	5.37	5.27	2.28	ppb
Lead	208-1	5.72	5.65	5.80	5.72	1.34	ppb
Lithium	6-1				39		%
Magnesium	24-2	15.99	15.22	15.08	15.43	3.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.57	0.65	0.62	7.00	ppb
Molybdenum	94-1	0.19	0.42	0.17	0.26	52.41	ppb
Molybdenum	95-1	0.14	0.13	0.12	0.13	6.50	ppb
Molybdenum	96-1	0.12	0.14	0.15	0.14	11.23	ppb
Molybdenum	97-1	0.13	0.13	0.15	0.13	9.48	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.65	1.74	1.71	3.22	ppb
Phosphorus	31-2	-9.04	11.26	-5.37	-1.05		ppb
Potassium	39-2	70.32	62.89	70.92	68.04	6.58	ppb
Rhodium	103-1				109		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	0.94	1.22	-0.29	0.62	128.90	ppb
Selenium	78-2	0.97	0.74	1.46	1.06	34.74	ppb
Selenium	82-1	-1.36	-0.70	0.01	-0.68		ppb
Silicon	28-1	139.09	118.12	131.26	129.49	8.18	ppb
Silver	109-1	0.07	0.08	0.09	0.08	10.41	ppb
Silver	107-1	0.07	0.08	0.07	0.07	6.46	ppb
Sodium	23-2	106.78	103.40	106.74	105.64	1.83	ppb
Strontium	86-1	1.65	1.67	1.90	1.74	8.00	ppb
Strontium	88-1	1.71	1.70	1.68	1.70	0.82	ppb
Sulfur	34-1	-2475.21	-2383.16	-1979.83	-2279.40		ppb
Terbium	159-1				107		%
Terbium	159-2				92		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.73	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.18	ppb
Tin	118-1	0.31	0.38	0.29	0.33	14.00	ppb
Titanium	47-1	10.76	10.24	11.77	10.92	7.11	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.04	ppb
Vanadium	51-2	2.13	2.09	2.10	2.11	1.00	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	14.06	14.24	14.45	14.25	1.37	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.09	0.06	0.07	21.14	ppb
Zirconium	91-1	0.06	0.04	0.05	0.05	12.85	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	409.43	427.58	406.61	414.54	2.75	ppb
Antimony	121-1	0.15	0.16	0.15	0.15	5.51	ppb
Arsenic	75-1	0.37	-0.05	0.11	0.14	149.72	ppb
Barium	135-1	8.90	9.24	8.97	9.04	1.99	ppb
Barium	137-1	9.12	8.98	9.20	9.10	1.21	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				90		%
Boron	10-1	4.21	1.15	3.33	2.89	54.43	ppb
Boron	11-1	3.91	2.91	3.21	3.34	15.48	ppb
Cadmium	111-1	-0.12	-0.16	-0.21	-0.16		ppb
Cadmium	106-1	-2.01	-2.71	-3.18	-2.63		ppb
Cadmium	108-1	-0.09	-0.07	-0.07	-0.08		ppb
Calcium	43-1	892.23	904.60	901.77	899.53	0.72	ppb
Calcium	44-1	874.35	877.22	909.86	887.14	2.22	ppb
Chromium	52-2	5.30	6.68	6.03	6.00	11.55	ppb
Cobalt	59-2	0.07	0.09	0.08	0.08	8.66	ppb
Copper	63-2	1.50	1.60	1.60	1.57	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				96		%
Indium	115-1				116		%
Indium	115-2				97		%
Iron	56-2	206.15	219.46	207.66	211.09	3.45	ppb
Iron	57-2	203.41	243.94	218.09	221.81	9.25	ppb
Krypton	83-1						cps
Lead	206-1	2.50	2.47	2.53	2.50	1.28	ppb
Lead	207-1	2.24	2.27	2.25	2.25	0.72	ppb
Lead	208-1	2.32	2.38	2.39	2.36	1.51	ppb
Lithium	6-1				39		%
Magnesium	24-2	32.81	34.00	33.84	33.55	1.92	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	1.00	0.98	0.95	6.52	ppb
Molybdenum	94-1	1.72	0.24	0.21	0.72	118.77	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	13.00	ppb
Molybdenum	96-1	0.08	0.13	0.13	0.12	24.60	ppb
Molybdenum	97-1	0.12	0.12	0.14	0.13	8.73	ppb
Molybdenum	98-1	0.08	0.10	0.10	0.09	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.42	3.62	2.83	24.20	ppb
Phosphorus	31-2	22.03	37.22	30.02	29.76	25.54	ppb
Potassium	39-2	14.23	51.04	47.88	37.72	54.10	ppb
Rhodium	103-1				114		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	1.01	0.03	0.34	0.46	108.55	ppb
Selenium	78-2	0.45	0.79	1.47	0.90	57.81	ppb
Selenium	82-1	-0.52	-0.58	-0.82	-0.64		ppb
Silicon	28-1	277.21	71.52	185.19	177.97	57.89	ppb
Silver	109-1	0.07	0.04	0.07	0.06	24.50	ppb
Silver	107-1	0.07	0.06	0.06	0.06	3.87	ppb
Sodium	23-2	58.03	79.17	81.60	72.93	17.78	ppb
Strontium	86-1	3.13	3.08	3.36	3.19	4.72	ppb
Strontium	88-1	3.22	3.21	3.27	3.23	0.94	ppb
Sulfur	34-1	-2296.51	-2310.20	-2284.65	-2297.12		ppb
Terbium	159-1				113		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.86	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.29	ppb
Tin	118-1	0.21	0.23	1.04	0.50	95.69	ppb
Titanium	47-1	31.56	12.01	12.33	18.63	60.11	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	5.95	ppb
Vanadium	51-2	1.88	2.00	1.96	1.95	2.98	ppb
Yttrium	89-1				116		%
Yttrium	89-2				98		%
Zinc	66-2	14.76	16.05	15.41	15.40	4.19	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.13	2.42	0.96	131.06	ppb
Zirconium	91-1	0.15	0.10	0.11	0.12	20.14	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2093.84	2043.24	2133.42	2090.17	2.16	ppb
Antimony	121-1	0.72	0.65	0.65	0.67	5.39	ppb
Arsenic	75-1	0.45	0.59	1.06	0.70	45.57	ppb
Barium	135-1	22.63	22.78	23.24	22.88	1.39	ppb
Barium	137-1	22.69	23.03	23.26	22.99	1.24	ppb
Beryllium	9-1	0.08	0.08	0.03	0.06	45.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	2.99	2.34	1.92	2.42	22.41	ppb
Boron	11-1	4.58	2.80	3.16	3.52	26.82	ppb
Cadmium	111-1	-0.07	-0.19	-0.19	-0.15		ppb
Cadmium	106-1	-1.54	-3.19	-3.26	-2.66		ppb
Cadmium	108-1	-0.11	0.06	-0.03	-0.03		ppb
Calcium	43-1	1560.62	1567.46	1603.42	1577.17	1.46	ppb
Calcium	44-1	1533.26	1529.37	1595.36	1552.66	2.38	ppb
Chromium	52-2	3.25	3.23	3.23	3.24	0.28	ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	4.66	ppb
Copper	63-2	2.33	2.32	2.47	2.38	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	617.02	625.28	651.24	631.18	2.83	ppb
Iron	57-2	632.97	636.78	665.18	644.97	2.73	ppb
Krypton	83-1						cps
Lead	206-1	6.93	7.02	7.01	6.99	0.74	ppb
Lead	207-1	6.10	6.37	6.63	6.37	4.18	ppb
Lead	208-1	6.55	6.63	6.75	6.65	1.52	ppb
Lithium	6-1				34		%
Magnesium	24-2	29.93	29.84	30.64	30.13	1.45	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.63	2.58	2.73	2.65	2.90	ppb
Molybdenum	94-1	0.69	0.45	0.62	0.59	20.96	ppb
Molybdenum	95-1	0.08	0.07	0.09	0.08	10.23	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	8.09	ppb
Molybdenum	97-1	0.14	0.13	0.13	0.13	5.66	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	9.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.21	1.19	1.18	2.82	ppb
Phosphorus	31-2	12.87	30.25	40.36	27.83	49.97	ppb
Potassium	39-2	38.69	35.44	50.43	41.52	18.98	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	0.92	0.92	0.95	0.93	1.77	ppb
Selenium	78-2	1.44	0.84	1.57	1.28	30.18	ppb
Selenium	82-1	-1.16	-0.36	-0.67	-0.73		ppb
Silicon	28-1	370.94	484.89	491.27	449.04	15.08	ppb
Silver	109-1	0.08	0.08	0.09	0.09	4.59	ppb
Silver	107-1	0.07	0.07	0.08	0.07	4.89	ppb
Sodium	23-2	77.94	75.43	80.26	77.88	3.10	ppb
Strontium	86-1	29.98	29.66	31.46	30.37	3.16	ppb
Strontium	88-1	30.19	30.23	31.13	30.52	1.74	ppb
Sulfur	34-1	-1862.51	-2115.17	-1728.02	-1901.90		ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.05	0.03	0.04	16.17	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.77	ppb
Tin	118-1	0.86	0.79	0.87	0.84	4.85	ppb
Titanium	47-1	40.18	20.49	15.37	25.35	51.67	ppb
Uranium	238-1	0.13	0.13	0.14	0.13	3.91	ppb
Vanadium	51-2	2.67	2.76	2.88	2.77	3.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	13.54	13.26	14.07	13.62	3.02	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.30	0.32	0.30	5.77	ppb
Zirconium	91-1	0.32	0.32	0.86	0.50	62.16	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4099.29	4088.19	4110.50	4099.33	0.27	ppb
Antimony	121-1	0.70	0.65	0.79	0.71	9.93	ppb
Arsenic	75-1	1.27	1.17	1.49	1.31	12.47	ppb
Barium	135-1	22.99	23.45	24.13	23.52	2.45	ppb
Barium	137-1	22.95	23.25	24.35	23.52	3.13	ppb
Beryllium	9-1	0.08	0.11	0.05	0.08	32.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	2.92	1.81	2.84	2.52	24.57	ppb
Boron	11-1	4.61	3.75	3.61	3.99	13.57	ppb
Cadmium	111-1	-0.15	-0.09	-0.08	-0.11		ppb
Cadmium	106-1	-2.47	-1.86	-1.78	-2.04		ppb
Cadmium	108-1	-0.07	0.05	-0.03	-0.02		ppb
Calcium	43-1	1523.66	1593.59	1601.49	1572.91	2.72	ppb
Calcium	44-1	1523.86	1525.34	1579.23	1542.81	2.04	ppb
Chromium	52-2	4.98	4.82	4.89	4.89	1.63	ppb
Cobalt	59-2	0.12	0.13	0.12	0.13	4.99	ppb
Copper	63-2	1.91	1.71	1.80	1.81	5.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				92		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	56-2	733.35	720.80	737.31	730.49	1.18	ppb
Iron	57-2	750.06	734.52	739.66	741.41	1.07	ppb
Krypton	83-1						cps
Lead	206-1	6.20	6.27	6.44	6.30	1.98	ppb
Lead	207-1	5.72	5.64	5.77	5.71	1.13	ppb
Lead	208-1	5.91	5.94	6.10	5.98	1.74	ppb
Lithium	6-1				35		%
Magnesium	24-2	80.47	76.68	75.15	77.43	3.54	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.97	2.80	2.82	2.86	3.33	ppb
Molybdenum	94-1	0.77	0.84	1.14	0.92	21.57	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.08	21.33	ppb
Molybdenum	96-1	0.14	0.19	0.14	0.16	18.56	ppb
Molybdenum	97-1	0.14	0.14	0.15	0.14	4.56	ppb
Molybdenum	98-1	0.11	0.10	0.08	0.10	16.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.33	1.41	1.34	4.81	ppb
Phosphorus	31-2	1.57	15.91	19.61	12.36	77.05	ppb
Potassium	39-2	44.32	36.46	36.42	39.07	11.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.97	0.01	0.30	0.43	113.99	ppb
Selenium	78-2	1.64	1.02	2.15	1.60	35.44	ppb
Selenium	82-1	-0.22	-0.57	0.14	-0.22		ppb
Silicon	28-1	746.92	750.18	764.62	753.91	1.25	ppb
Silver	109-1	0.07	0.05	0.06	0.06	20.84	ppb
Silver	107-1	0.05	0.07	0.07	0.06	17.12	ppb
Sodium	23-2	71.57	72.37	68.10	70.68	3.21	ppb
Strontium	86-1	28.38	29.72	29.90	29.33	2.83	ppb
Strontium	88-1	28.72	29.16	29.65	29.18	1.59	ppb
Sulfur	34-1	-2610.94	-2671.23	-2283.80	-2521.99		ppb
Terbium	159-1				107		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.04	0.03	0.03	22.98	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	17.28	ppb
Tin	118-1	0.65	0.61	0.68	0.65	5.35	ppb
Titanium	47-1	24.71	15.19	15.16	18.35	30.01	ppb
Uranium	238-1	0.27	0.28	0.28	0.28	2.11	ppb
Vanadium	51-2	4.13	4.03	4.24	4.13	2.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	15.63	15.09	15.05	15.26	2.14	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.50	0.57	1.40	0.82	60.89	ppb
Zirconium	91-1	0.47	0.60	0.47	0.51	14.82	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	398.60	382.81	396.13	392.51	2.16	ppb
Antimony	121-1	1.99	1.92	2.10	2.00	4.37	ppb
Arsenic	75-1	0.71	0.43	0.55	0.56	24.72	ppb
Barium	135-1	12.79	12.56	13.02	12.79	1.82	ppb
Barium	137-1	12.45	12.61	13.03	12.70	2.33	ppb
Beryllium	9-1	0.00	0.03	-0.02	0.01	340.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	1.90	4.23	1.07	2.40	68.21	ppb
Boron	11-1	3.38	3.00	2.42	2.93	16.49	ppb
Cadmium	111-1	-0.12	-0.04	-0.16	-0.11		ppb
Cadmium	106-1	-3.24	-2.15	-3.53	-2.97		ppb
Cadmium	108-1	0.09	0.03	0.23	0.12	86.18	ppb
Calcium	43-1	641.40	635.85	647.36	641.54	0.90	ppb
Calcium	44-1	632.26	628.66	658.38	639.77	2.54	ppb
Chromium	52-2	2.67	2.63	2.76	2.69	2.59	ppb
Cobalt	59-2	0.10	0.09	0.12	0.10	14.12	ppb
Copper	63-2	4.71	4.77	5.09	4.85	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				90		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	535.40	529.32	560.18	541.63	3.02	ppb
Iron	57-2	542.18	533.11	568.08	547.79	3.31	ppb
Krypton	83-1						cps
Lead	206-1	17.62	17.28	17.62	17.51	1.13	ppb
Lead	207-1	15.33	15.57	15.84	15.58	1.63	ppb
Lead	208-1	16.40	16.36	16.80	16.52	1.47	ppb
Lithium	6-1				34		%
Magnesium	24-2	29.49	26.62	28.82	28.31	5.30	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.34	3.35	3.67	3.45	5.50	ppb
Molybdenum	94-1	0.29	0.48	0.28	0.35	32.80	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.08	12.67	ppb
Molybdenum	96-1	1.91	0.11	0.10	0.71	147.09	ppb
Molybdenum	97-1	0.16	0.12	0.15	0.14	16.41	ppb
Molybdenum	98-1	0.08	0.10	0.09	0.09	12.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.19	1.25	1.25	4.86	ppb
Phosphorus	31-2	171.37	193.08	119.90	161.45	23.28	ppb
Potassium	39-2	45.21	41.25	57.18	47.88	17.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	1.27	0.95	1.33	1.18	17.37	ppb
Selenium	78-2	0.68	0.89	0.99	0.86	18.28	ppb
Selenium	82-1	-1.19	-0.98	-1.73	-1.30		ppb
Silicon	28-1	212.55	173.52	313.80	233.29	31.04	ppb
Silver	109-1	0.15	0.14	0.11	0.13	13.86	ppb
Silver	107-1	0.14	0.13	0.14	0.14	3.18	ppb
Sodium	23-2	74.13	69.82	76.89	73.62	4.84	ppb
Strontium	86-1	10.29	9.79	10.30	10.12	2.89	ppb
Strontium	88-1	10.08	10.10	10.39	10.19	1.69	ppb
Sulfur	34-1	-2664.41	-2670.66	-1883.49	-2406.19		ppb
Terbium	159-1				103		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.02	0.03	0.02	25.03	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	17.12	ppb
Tin	118-1	0.67	0.63	0.74	0.68	8.42	ppb
Titanium	47-1	11.05	11.56	11.22	11.28	2.29	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	5.62	ppb
Vanadium	51-2	2.00	1.99	2.17	2.05	4.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	20.92	20.18	21.62	20.91	3.43	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.20	0.15	0.16	17.33	ppb
Zirconium	91-1	0.15	0.14	0.18	0.16	12.16	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2744.07	2695.83	2738.22	2726.04	0.97	ppb
Antimony	121-1	4.04	4.19	4.29	4.17	2.97	ppb
Arsenic	75-1	6.78	7.11	7.50	7.13	5.09	ppb
Barium	135-1	42.84	44.59	44.40	43.94	2.18	ppb
Barium	137-1	55.72	44.89	45.03	48.55	12.80	ppb
Beryllium	9-1	0.08	0.08	0.06	0.07	16.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				90		%
Boron	10-1	3.00	1.97	1.65	2.21	31.93	ppb
Boron	11-1	3.34	3.73	2.19	3.09	25.97	ppb
Cadmium	111-1	-0.16	0.08	-0.12	-0.07		ppb
Cadmium	106-1	-4.06	-0.98	-3.25	-2.76		ppb
Cadmium	108-1	0.12	0.05	0.24	0.14	72.62	ppb
Calcium	43-1	2278.74	2272.74	2297.12	2282.87	0.56	ppb
Calcium	44-1	2221.21	2274.80	2281.58	2259.20	1.46	ppb
Chromium	52-2	6.24	6.28	6.47	6.33	1.97	ppb
Cobalt	59-2	0.15	0.14	0.12	0.14	9.66	ppb
Copper	63-2	13.24	13.17	13.23	13.21	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				95		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	56-2	2414.33	2353.19	2361.32	2376.28	1.40	ppb
Iron	57-2	2349.94	2347.63	2299.18	2332.25	1.23	ppb
Krypton	83-1						cps
Lead	206-1	52.35	52.78	53.21	52.78	0.81	ppb
Lead	207-1	47.09	47.72	47.98	47.59	0.96	ppb
Lead	208-1	49.64	50.16	50.56	50.12	0.92	ppb
Lithium	6-1				36		%
Magnesium	24-2	110.81	106.26	108.65	108.57	2.10	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.54	5.49	5.61	5.55	1.15	ppb
Molybdenum	94-1	1.09	1.02	1.06	1.06	3.35	ppb
Molybdenum	95-1	0.16	0.12	0.14	0.14	15.65	ppb
Molybdenum	96-1	0.26	0.23	0.25	0.25	5.67	ppb
Molybdenum	97-1	0.20	0.18	0.18	0.19	8.30	ppb
Molybdenum	98-1	0.15	0.16	0.15	0.15	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	1.99	2.05	2.02	1.58	ppb
Phosphorus	31-2	1071.40	1051.04	1013.82	1045.42	2.79	ppb
Potassium	39-2	62.87	57.24	59.42	59.85	4.75	ppb
Rhodium	103-1				108		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	1.21	0.01	0.60	0.61	99.36	ppb
Selenium	78-2	0.45	1.14	0.77	0.78	44.10	ppb
Selenium	82-1	-1.15	-0.30	-1.23	-0.90		ppb
Silicon	28-1	492.66	469.80	607.58	523.35	14.11	ppb
Silver	109-1	0.19	0.19	0.18	0.19	4.86	ppb
Silver	107-1	0.16	0.18	0.15	0.16	10.14	ppb
Sodium	23-2	69.13	68.38	70.24	69.25	1.35	ppb
Strontium	86-1	48.60	50.27	49.10	49.32	1.74	ppb
Strontium	88-1	49.05	49.40	49.52	49.32	0.49	ppb
Sulfur	34-1	-2406.70	-2435.11	-2174.01	-2338.61		ppb
Terbium	159-1				108		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.03	0.03	26.73	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	23.49	ppb
Tin	118-1	1.98	2.05	2.02	2.02	1.81	ppb
Titanium	47-1	23.33	27.23	19.53	23.36	16.49	ppb
Uranium	238-1	0.23	0.24	0.27	0.25	8.52	ppb
Vanadium	51-2	6.38	6.23	6.48	6.36	1.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	34.66	33.06	35.14	34.29	3.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.68	0.67	0.65	0.66	2.62	ppb
Zirconium	91-1	0.61	0.74	0.72	0.69	10.03	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5849.96	5750.54	5881.33	5827.27	1.17	ppb
Antimony	121-1	0.57	0.60	0.63	0.60	4.57	ppb
Arsenic	75-1	0.60	0.74	1.15	0.83	34.19	ppb
Barium	135-1	5.47	5.66	6.20	5.78	6.62	ppb
Barium	137-1	5.62	5.76	5.90	5.76	2.37	ppb
Beryllium	9-1	0.05	0.07	0.06	0.06	21.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	3.48	0.48	1.99	1.98	75.71	ppb
Boron	11-1	3.59	2.75	2.26	2.87	23.53	ppb
Cadmium	111-1	-0.25	-0.25	-0.23	-0.24		ppb
Cadmium	106-1	-3.58	-3.53	-3.28	-3.46		ppb
Cadmium	108-1	0.05	0.01	-0.06	0.00		ppb
Calcium	43-1	776.78	773.46	785.18	778.48	0.78	ppb
Calcium	44-1	751.03	776.11	800.97	776.04	3.22	ppb
Chromium	52-2	5.48	5.36	5.46	5.43	1.15	ppb
Cobalt	59-2	0.22	0.22	0.22	0.22	1.78	ppb
Copper	63-2	0.99	1.02	1.00	1.00	1.63	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				104		%
Holmium	165-2				97		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	478.78	471.52	478.95	476.42	0.89	ppb
Iron	57-2	488.96	484.71	481.25	484.97	0.80	ppb
Krypton	83-1						cps
Lead	206-1	3.46	3.50	3.66	3.54	3.01	ppb
Lead	207-1	3.06	3.30	3.32	3.22	4.52	ppb
Lead	208-1	3.27	3.41	3.50	3.39	3.43	ppb
Lithium	6-1				36		%
Magnesium	24-2	20.14	19.07	20.26	19.82	3.30	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.60	0.50	0.55	9.21	ppb
Molybdenum	94-1	1.45	1.34	1.47	1.42	4.91	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.08	16.12	ppb
Molybdenum	96-1	0.28	0.31	0.22	0.27	18.15	ppb
Molybdenum	97-1	0.14	0.09	0.15	0.13	23.03	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	14.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.88	1.83	1.83	3.41	ppb
Phosphorus	31-2	-4.88	3.57	-12.64	-4.65		ppb
Potassium	39-2	27.59	24.73	23.27	25.20	8.72	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	0.60	2.01	0.89	1.17	63.73	ppb
Selenium	78-2	1.02	1.28	1.21	1.17	11.64	ppb
Selenium	82-1	-0.28	-0.62	-0.78	-0.56		ppb
Silicon	28-1	1080.21	1086.48	1121.21	1095.97	2.02	ppb
Silver	109-1	0.05	0.07	0.05	0.06	15.27	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.09	ppb
Sodium	23-2	65.49	63.66	65.22	64.79	1.53	ppb
Strontium	86-1	14.95	15.00	15.12	15.02	0.58	ppb
Strontium	88-1	14.46	14.79	15.02	14.76	1.91	ppb
Sulfur	34-1	-2749.87	-2507.02	-2583.60	-2613.50		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.02	0.03	0.02	22.11	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.91	ppb
Tin	118-1	0.21	0.21	0.23	0.22	6.48	ppb
Titanium	47-1	16.73	17.43	32.76	22.31	40.61	ppb
Uranium	238-1	0.26	0.24	0.25	0.25	4.44	ppb
Vanadium	51-2	3.46	3.54	3.57	3.52	1.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	4.03	4.31	4.73	4.35	8.15	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.96	0.81	0.87	0.88	8.73	ppb
Zirconium	91-1	0.85	1.35	0.94	1.05	25.58	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3807.80	3823.39	3969.36	3866.85	2.30	ppb
Antimony	121-1	0.71	0.80	0.71	0.74	6.72	ppb
Arsenic	75-1	0.94	1.11	0.91	0.99	10.96	ppb
Barium	135-1	17.76	17.89	18.43	18.03	1.96	ppb
Barium	137-1	17.89	18.21	17.79	17.96	1.22	ppb
Beryllium	9-1	0.12	0.07	0.08	0.09	28.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	1.07	1.78	1.62	1.49	25.04	ppb
Boron	11-1	3.50	3.24	3.72	3.49	6.94	ppb
Cadmium	111-1	-0.17	-0.24	-0.13	-0.18		ppb
Cadmium	106-1	-2.62	-3.68	-2.07	-2.79		ppb
Cadmium	108-1	0.12	0.05	0.02	0.06	82.06	ppb
Calcium	43-1	1188.17	1234.00	1232.94	1218.37	2.15	ppb
Calcium	44-1	1204.26	1220.12	1243.56	1222.65	1.62	ppb
Chromium	52-2	5.41	5.34	5.44	5.40	0.92	ppb
Cobalt	59-2	0.20	0.18	0.20	0.19	6.55	ppb
Copper	63-2	1.17	1.16	1.16	1.16	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				107		%
Holmium	165-2				96		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	904.56	908.39	938.97	917.31	2.06	ppb
Iron	57-2	907.31	902.52	923.93	911.26	1.23	ppb
Krypton	83-1						cps
Lead	206-1	4.05	3.91	3.88	3.94	2.30	ppb
Lead	207-1	3.57	3.46	3.65	3.56	2.67	ppb
Lead	208-1	3.75	3.70	3.74	3.73	0.75	ppb
Lithium	6-1				34		%
Magnesium	24-2	62.85	64.14	66.49	64.49	2.86	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.22	2.31	2.46	2.33	5.27	ppb
Molybdenum	94-1	0.72	0.67	0.72	0.71	4.08	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.09	4.96	ppb
Molybdenum	96-1	0.18	0.19	0.19	0.19	2.32	ppb
Molybdenum	97-1	0.16	0.13	0.17	0.15	14.30	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.41	1.47	1.44	2.12	ppb
Phosphorus	31-2	-3.14	8.61	9.95	5.14	140.06	ppb
Potassium	39-2	31.75	29.89	25.23	28.96	11.60	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	1.84	0.89	1.69	1.47	34.76	ppb
Selenium	78-2	1.07	0.62	0.68	0.79	30.68	ppb
Selenium	82-1	-0.74	-0.49	-0.64	-0.62		ppb
Silicon	28-1	712.38	678.29	727.19	705.95	3.55	ppb
Silver	109-1	0.05	0.05	0.06	0.05	14.06	ppb
Silver	107-1	0.05	0.05	0.04	0.05	19.81	ppb
Sodium	23-2	62.80	61.46	60.77	61.68	1.67	ppb
Strontium	86-1	28.40	28.01	29.34	28.58	2.40	ppb
Strontium	88-1	28.32	28.13	28.91	28.45	1.44	ppb
Sulfur	34-1	-3042.21	-3093.82	-2757.26	-2964.43		ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.01	0.02	27.92	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.98	ppb
Tin	118-1	0.24	0.31	0.28	0.27	13.72	ppb
Titanium	47-1	9.90	10.19	9.37	9.82	4.24	ppb
Uranium	238-1	0.25	0.24	0.26	0.25	3.82	ppb
Vanadium	51-2	6.14	6.16	6.32	6.21	1.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	2.52	2.52	2.58	2.54	1.48	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.47	0.45	0.45	5.12	ppb
Zirconium	91-1	0.57	0.41	0.43	0.47	18.38	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4837.88	4816.42	4814.78	4823.03	0.27	ppb
Antimony	121-1	1.07	1.03	1.07	1.06	2.38	ppb
Arsenic	75-1	0.77	1.56	0.97	1.10	37.28	ppb
Barium	135-1	24.53	24.89	24.50	24.64	0.89	ppb
Barium	137-1	24.77	24.86	24.92	24.85	0.30	ppb
Beryllium	9-1	0.08	0.05	0.03	0.05	39.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				85		%
Boron	10-1	2.61	0.35	0.94	1.30	90.41	ppb
Boron	11-1	3.16	3.38	1.75	2.76	32.06	ppb
Cadmium	111-1	-0.15	-0.04	-0.19	-0.13		ppb
Cadmium	106-1	-3.15	-1.48	-3.08	-2.57		ppb
Cadmium	108-1	-0.02	0.03	0.12	0.04	165.64	ppb
Calcium	43-1	2255.42	2140.22	2163.40	2186.35	2.79	ppb
Calcium	44-1	2176.80	2157.38	2170.02	2168.07	0.45	ppb
Chromium	52-2	5.78	5.74	5.88	5.80	1.21	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	3.60	ppb
Copper	63-2	2.84	2.91	2.92	2.89	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				90		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	56-2	488.85	487.93	491.89	489.56	0.42	ppb
Iron	57-2	500.66	490.80	495.82	495.76	0.99	ppb
Krypton	83-1						cps
Lead	206-1	6.19	6.17	6.11	6.16	0.71	ppb
Lead	207-1	5.58	5.46	5.65	5.56	1.78	ppb
Lead	208-1	5.94	5.82	5.87	5.88	1.10	ppb
Lithium	6-1				33		%
Magnesium	24-2	101.50	101.26	99.63	100.80	1.01	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.74	0.78	0.73	0.75	3.72	ppb
Molybdenum	94-1	1.71	1.07	1.14	1.31	26.93	ppb
Molybdenum	95-1	0.09	0.09	0.28	0.15	67.38	ppb
Molybdenum	96-1	0.24	0.20	0.25	0.23	10.84	ppb
Molybdenum	97-1	0.15	0.14	0.17	0.15	9.36	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.10	7.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.68	1.78	1.73	3.08	ppb
Phosphorus	31-2	1337.01	1200.12	1364.13	1300.42	6.76	ppb
Potassium	39-2	80.78	76.56	85.87	81.07	5.75	ppb
Rhodium	103-1				106		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	2.24	1.28	0.66	1.39	57.16	ppb
Selenium	78-2	2.53	2.70	1.21	2.14	38.02	ppb
Selenium	82-1	-0.14	-0.31	0.02	-0.14		ppb
Silicon	28-1	325.66	396.75	499.09	407.17	21.41	ppb
Silver	109-1	0.07	0.06	0.08	0.07	14.23	ppb
Silver	107-1	0.06	0.06	0.07	0.06	10.07	ppb
Sodium	23-2	71.46	71.52	69.80	70.92	1.38	ppb
Strontium	86-1	41.07	40.98	40.52	40.86	0.72	ppb
Strontium	88-1	40.70	40.18	40.89	40.59	0.90	ppb
Sulfur	34-1	-2936.79	-3047.77	-2730.98	-2905.18		ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.01	0.03	0.02	29.82	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.31	ppb
Tin	118-1	0.27	0.25	0.25	0.26	5.29	ppb
Titanium	47-1	23.93	40.38	27.72	30.68	28.08	ppb
Uranium	238-1	0.25	0.25	0.24	0.25	1.72	ppb
Vanadium	51-2	3.64	3.66	3.73	3.68	1.28	ppb
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	20.70	20.48	21.27	20.82	1.96	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.80	0.72	0.72	0.75	5.93	ppb
Zirconium	91-1	0.83	0.79	0.71	0.77	7.92	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5184.61	5233.90	5295.90	5238.14	1.06	ppb
Antimony	121-1	2.68	2.65	2.61	2.65	1.28	ppb
Arsenic	75-1	9.38	8.27	9.00	8.88	6.37	ppb
Barium	135-1	16.64	16.26	16.43	16.44	1.15	ppb
Barium	137-1	16.64	16.24	16.59	16.49	1.33	ppb
Beryllium	9-1	0.14	0.05	0.19	0.13	53.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	3.16	2.85	1.89	2.63	25.04	ppb
Boron	11-1	4.03	3.40	3.35	3.59	10.62	ppb
Cadmium	111-1	-0.07	-0.10	-0.09	-0.09		ppb
Cadmium	106-1	-3.20	-3.10	-3.73	-3.34		ppb
Cadmium	108-1	0.37	0.11	0.08	0.19	84.95	ppb
Calcium	43-1	2392.78	2380.37	2394.65	2389.27	0.32	ppb
Calcium	44-1	2353.28	2353.28	2385.92	2364.16	0.80	ppb
Chromium	52-2	5.75	5.56	5.82	5.71	2.39	ppb
Cobalt	59-2	0.22	0.24	0.24	0.23	4.76	ppb
Copper	63-2	5.39	5.29	5.46	5.38	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	960.98	949.94	976.58	962.50	1.39	ppb
Iron	57-2	956.32	981.21	985.30	974.28	1.61	ppb
Krypton	83-1						cps
Lead	206-1	10.00	10.05	10.06	10.04	0.29	ppb
Lead	207-1	9.20	9.11	9.11	9.14	0.54	ppb
Lead	208-1	9.57	9.53	9.58	9.56	0.27	ppb
Lithium	6-1				32		%
Magnesium	24-2	126.16	125.21	126.86	126.07	0.66	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.53	5.40	5.72	5.55	2.91	ppb
Molybdenum	94-1	1.07	1.04	1.01	1.04	2.68	ppb
Molybdenum	95-1	0.13	0.13	0.15	0.14	7.49	ppb
Molybdenum	96-1	0.23	0.24	0.23	0.23	0.94	ppb
Molybdenum	97-1	0.24	0.18	0.22	0.21	14.81	ppb
Molybdenum	98-1	0.14	0.15	0.15	0.15	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.01	2.96	3.26	3.08	5.17	ppb
Phosphorus	31-2	344.38	307.82	299.60	317.27	7.51	ppb
Potassium	39-2	58.25	54.28	39.47	50.67	19.54	ppb
Rhodium	103-1				110		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	0.93	1.15	0.80	0.96	18.71	ppb
Selenium	78-2	1.84	0.68	0.38	0.96	80.07	ppb
Selenium	82-1	-0.24	-0.89	-0.66	-0.60		ppb
Silicon	28-1	761.48	684.15	745.99	730.54	5.60	ppb
Silver	109-1	0.07	0.08	0.09	0.08	14.19	ppb
Silver	107-1	0.08	0.07	0.07	0.07	7.03	ppb
Sodium	23-2	65.20	60.36	59.61	61.73	4.92	ppb
Strontium	86-1	42.42	41.43	41.34	41.73	1.44	ppb
Strontium	88-1	42.09	42.37	41.95	42.14	0.51	ppb
Sulfur	34-1	-3090.44	-3181.23	-2975.37	-3082.34		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.01	0.01	31.91	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.17	ppb
Tin	118-1	0.80	0.69	0.80	0.76	7.87	ppb
Titanium	47-1	17.62	16.98	39.68	24.76	52.20	ppb
Uranium	238-1	0.24	0.24	0.25	0.25	3.80	ppb
Vanadium	51-2	6.49	6.31	6.50	6.43	1.70	ppb
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	67.97	66.80	70.42	68.40	2.70	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.61	0.56	0.59	0.59	4.57	ppb
Zirconium	91-1	0.72	0.84	0.60	0.72	16.15	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2542.46	2516.89	2550.53	2536.63	0.69	ppb
Antimony	121-1	2.07	2.03	2.09	2.06	1.43	ppb
Arsenic	75-1	8.56	8.50	9.54	8.87	6.60	ppb
Barium	135-1	63.47	64.55	64.27	64.10	0.87	ppb
Barium	137-1	62.77	63.97	64.64	63.79	1.49	ppb
Beryllium	9-1	0.11	0.17	0.11	0.13	28.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				91		%
Boron	10-1	5.25	3.80	5.84	4.97	21.13	ppb
Boron	11-1	7.16	7.18	6.00	6.78	9.96	ppb
Cadmium	111-1	0.45	0.50	0.47	0.47	4.67	ppb
Cadmium	106-1	-1.70	-1.50	-1.55	-1.58		ppb
Cadmium	108-1	0.64	0.72	0.81	0.72	11.14	ppb
Calcium	43-1	4021.78	4055.96	4274.93	4117.56	3.34	ppb
Calcium	44-1	4048.05	4132.92	4192.38	4124.45	1.76	ppb
Chromium	52-2	21.11	20.89	21.33	21.11	1.05	ppb
Cobalt	59-2	0.77	0.80	0.76	0.78	2.79	ppb
Copper	63-2	30.69	30.84	31.22	30.92	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				96		%
Indium	115-1				114		%
Indium	115-2				97		%
Iron	56-2	2652.87	2637.10	2659.24	2649.74	0.43	ppb
Iron	57-2	2564.45	2581.15	2616.33	2587.31	1.02	ppb
Krypton	83-1						cps
Lead	206-1	143.35	143.08	146.06	144.17	1.14	ppb
Lead	207-1	129.76	129.90	132.04	130.57	0.98	ppb
Lead	208-1	136.20	136.58	139.08	137.29	1.14	ppb
Lithium	6-1				32		%
Magnesium	24-2	317.07	310.15	320.34	315.85	1.65	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	67.75	67.17	68.33	67.75	0.86	ppb
Molybdenum	94-1	2.07	2.02	2.06	2.05	1.20	ppb
Molybdenum	95-1	0.29	0.26	0.27	0.27	4.59	ppb
Molybdenum	96-1	0.48	0.50	0.50	0.49	2.31	ppb
Molybdenum	97-1	0.32	0.27	0.32	0.30	10.43	ppb
Molybdenum	98-1	0.27	0.28	0.30	0.28	5.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.91	5.86	5.75	5.84	1.36	ppb
Phosphorus	31-2	713.74	787.25	823.66	774.88	7.23	ppb
Potassium	39-2	164.39	158.49	143.66	155.51	6.87	ppb
Rhodium	103-1				112		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	2.17	1.53	1.61	1.77	19.60	ppb
Selenium	78-2	1.52	0.84	0.33	0.90	66.28	ppb
Selenium	82-1	-0.67	-0.54	-0.80	-0.67		ppb
Silicon	28-1	459.05	557.00	583.71	533.25	12.31	ppb
Silver	109-1	0.18	0.21	0.20	0.20	8.11	ppb
Silver	107-1	0.20	0.18	0.21	0.20	6.72	ppb
Sodium	23-2	101.60	99.20	88.16	96.32	7.44	ppb
Strontium	86-1	42.77	43.90	43.99	43.56	1.56	ppb
Strontium	88-1	42.41	43.31	43.82	43.18	1.66	ppb
Sulfur	34-1	-3003.95	-2951.57	-2617.30	-2857.61		ppb
Terbium	159-1				112		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.02	0.04	0.03	36.52	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.08	ppb
Tin	118-1	4.36	4.40	4.54	4.43	2.05	ppb
Titanium	47-1	22.45	23.97	23.03	23.15	3.31	ppb
Uranium	238-1	0.46	0.49	0.46	0.47	3.55	ppb
Vanadium	51-2	5.59	5.54	5.54	5.56	0.50	ppb
Yttrium	89-1				115		%
Yttrium	89-2				99		%
Zinc	66-2	303.03	300.45	302.00	301.83	0.43	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.21	1.26	1.38	1.28	6.82	ppb
Zirconium	91-1	1.22	1.32	1.29	1.28	4.00	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2385.65	2423.00	2485.34	2431.33	2.07	ppb
Antimony	121-1	2.00	2.02	2.00	2.01	0.57	ppb
Arsenic	75-1	8.76	8.57	8.38	8.57	2.17	ppb
Barium	135-1	70.05	68.35	69.17	69.19	1.23	ppb
Barium	137-1	70.10	68.84	68.39	69.11	1.29	ppb
Beryllium	9-1	0.15	0.23	0.17	0.18	23.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	6.37	5.38	4.48	5.41	17.51	ppb
Boron	11-1	7.59	7.23	6.68	7.17	6.39	ppb
Cadmium	111-1	0.40	0.46	0.42	0.43	7.32	ppb
Cadmium	106-1	-2.71	-2.96	-2.84	-2.84		ppb
Cadmium	108-1	1.05	0.97	0.55	0.85	31.37	ppb
Calcium	43-1	4307.78	4250.03	4280.97	4279.60	0.68	ppb
Calcium	44-1	4257.85	4222.71	4189.67	4223.41	0.81	ppb
Chromium	52-2	22.89	18.81	19.60	20.44	10.59	ppb
Cobalt	59-2	0.72	0.74	0.81	0.76	5.80	ppb
Copper	63-2	29.68	30.84	31.30	30.61	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	2059.86	2113.58	2183.16	2118.87	2.92	ppb
Iron	57-2	2060.00	2094.04	2137.16	2097.06	1.84	ppb
Krypton	83-1						cps
Lead	206-1	157.33	154.48	155.59	155.80	0.92	ppb
Lead	207-1	143.40	139.35	139.69	140.81	1.60	ppb
Lead	208-1	150.24	147.31	147.64	148.40	1.08	ppb
Lithium	6-1				30		%
Magnesium	24-2	301.48	307.59	318.95	309.34	2.87	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	66.09	67.41	69.13	67.54	2.26	ppb
Molybdenum	94-1	2.29	2.45	2.21	2.32	5.25	ppb
Molybdenum	95-1	0.30	0.29	0.29	0.29	3.14	ppb
Molybdenum	96-1	0.53	0.57	0.51	0.54	5.61	ppb
Molybdenum	97-1	0.39	0.38	0.34	0.37	7.80	ppb
Molybdenum	98-1	0.27	0.29	0.32	0.29	9.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.74	6.84	7.08	6.88	2.57	ppb
Phosphorus	31-2	636.40	706.76	703.81	682.32	5.83	ppb
Potassium	39-2	150.87	147.23	141.79	146.63	3.12	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	2.34	1.40	0.78	1.51	52.17	ppb
Selenium	78-2	-0.58	1.08	1.11	0.54	180.69	ppb
Selenium	82-1	-0.35	-0.96	-1.28	-0.86		ppb
Silicon	28-1	429.65	561.64	424.09	471.79	16.50	ppb
Silver	109-1	0.21	0.21	0.17	0.20	11.51	ppb
Silver	107-1	0.19	0.21	0.20	0.20	5.72	ppb
Sodium	23-2	139.88	140.96	135.33	138.72	2.16	ppb
Strontium	86-1	46.84	45.05	46.29	46.06	1.99	ppb
Strontium	88-1	46.14	44.80	45.77	45.57	1.52	ppb
Sulfur	34-1	-2535.10	-2611.61	-2382.88	-2509.86		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	6.63	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	23.98	ppb
Tin	118-1	4.68	4.50	4.46	4.55	2.62	ppb
Titanium	47-1	36.14	25.66	28.47	30.09	18.02	ppb
Uranium	238-1	0.48	0.48	0.49	0.48	1.71	ppb
Vanadium	51-2	5.81	5.72	5.92	5.82	1.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	328.80	332.15	339.99	333.65	1.72	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.39	1.36	1.39	1.38	1.23	ppb
Zirconium	91-1	1.44	1.37	1.34	1.38	3.78	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6184.81	6143.85	6218.92	6182.53	0.61	ppb
Antimony	121-1	0.21	0.25	0.23	0.23	7.90	ppb
Arsenic	75-1	2.10	2.26	2.05	2.14	5.06	ppb
Barium	135-1	18.33	18.73	19.30	18.79	2.59	ppb
Barium	137-1	18.01	18.47	18.90	18.46	2.42	ppb
Beryllium	9-1	0.05	0.10	0.07	0.07	29.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				93		%
Boron	10-1	2.85	3.40	2.87	3.04	10.38	ppb
Boron	11-1	3.16	3.44	3.21	3.27	4.47	ppb
Cadmium	111-1	-0.22	-0.27	-0.27	-0.25		ppb
Cadmium	106-1	-3.65	-4.30	-4.26	-4.07		ppb
Cadmium	108-1	-0.01	0.13	0.08	0.07	100.88	ppb
Calcium	43-1	2151.52	2269.75	2291.64	2237.64	3.37	ppb
Calcium	44-1	2218.06	2294.92	2306.52	2273.17	2.12	ppb
Chromium	52-2	6.29	6.30	6.29	6.29	0.12	ppb
Cobalt	59-2	0.17	0.20	0.17	0.18	7.88	ppb
Copper	63-2	2.55	2.55	2.52	2.54	0.76	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				112		%
Holmium	165-2				97		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	56-2	634.17	628.72	645.38	636.09	1.34	ppb
Iron	57-2	648.31	636.23	648.34	644.29	1.08	ppb
Krypton	83-1						cps
Lead	206-1	6.83	6.83	6.89	6.85	0.53	ppb
Lead	207-1	6.25	6.28	6.43	6.32	1.51	ppb
Lead	208-1	6.62	6.60	6.70	6.64	0.83	ppb
Lithium	6-1				31		%
Magnesium	24-2	22.28	20.36	21.41	21.35	4.51	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.63	4.52	4.85	4.67	3.68	ppb
Molybdenum	94-1	1.21	1.65	1.41	1.42	15.41	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	14.91	ppb
Molybdenum	96-1	0.25	0.25	0.23	0.24	4.88	ppb
Molybdenum	97-1	0.14	0.12	0.11	0.12	8.95	ppb
Molybdenum	98-1	0.07	0.07	0.09	0.08	17.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.84	2.98	2.92	2.48	ppb
Phosphorus	31-2	491.24	453.17	518.29	487.57	6.71	ppb
Potassium	39-2	34.18	28.09	13.47	25.25	42.15	ppb
Rhodium	103-1				112		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.63	0.58	2.16	1.13	79.87	ppb
Selenium	78-2	1.39	0.89	1.16	1.14	21.94	ppb
Selenium	82-1	-0.67	-0.61	-1.10	-0.79		ppb
Silicon	28-1	1165.83	1207.78	1162.35	1178.65	2.15	ppb
Silver	109-1	0.05	0.06	0.05	0.05	5.70	ppb
Silver	107-1	0.05	0.05	0.06	0.05	3.98	ppb
Sodium	23-2	70.72	62.93	60.12	64.59	8.50	ppb
Strontium	86-1	19.44	20.04	20.33	19.94	2.29	ppb
Strontium	88-1	19.37	20.09	20.18	19.88	2.25	ppb
Sulfur	34-1	-3130.73	-3067.54	-2962.31	-3053.53		ppb
Terbium	159-1				112		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.03	0.02	18.19	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	14.06	ppb
Tin	118-1	0.28	0.31	0.33	0.31	6.99	ppb
Titanium	47-1	22.68	36.97	40.57	33.41	28.32	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	0.28	ppb
Vanadium	51-2	5.49	5.40	5.48	5.46	0.93	ppb
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	91.47	89.07	91.18	90.57	1.44	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	1.03	1.03	1.01	3.04	ppb
Zirconium	91-1	0.87	0.83	1.23	0.98	22.80	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	350.45	342.55	362.31	351.77	2.83	ppb
Antimony	121-1	0.26	0.23	0.23	0.24	7.77	ppb
Arsenic	75-1	0.78	0.57	-0.24	0.37	146.51	ppb
Barium	135-1	16.53	16.85	16.49	16.62	1.18	ppb
Barium	137-1	16.37	16.33	16.33	16.34	0.14	ppb
Beryllium	9-1	0.07	0.04	0.06	0.06	25.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	3.92	1.15	0.16	1.75	111.54	ppb
Boron	11-1	3.72	2.31	3.15	3.06	23.27	ppb
Cadmium	111-1	-0.14	-0.15	-0.17	-0.15		ppb
Cadmium	106-1	-3.17	-2.86	-3.18	-3.07		ppb
Cadmium	108-1	-0.04	-0.04	-0.01	-0.03		ppb
Calcium	43-1	1030.47	1062.72	1073.95	1055.72	2.14	ppb
Calcium	44-1	1029.48	1051.46	1067.42	1049.45	1.81	ppb
Chromium	52-2	3.24	2.98	3.36	3.20	6.03	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	4.12	ppb
Copper	63-2	4.72	4.51	4.66	4.63	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				93		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	130.00	127.89	131.87	129.92	1.53	ppb
Iron	57-2	135.82	136.78	134.00	135.53	1.04	ppb
Krypton	83-1						cps
Lead	206-1	4.17	4.06	4.18	4.14	1.67	ppb
Lead	207-1	3.72	3.76	3.79	3.76	0.83	ppb
Lead	208-1	3.94	3.84	3.99	3.92	1.95	ppb
Lithium	6-1				29		%
Magnesium	24-2	33.15	33.69	35.29	34.04	3.27	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.77	0.68	0.82	0.76	9.25	ppb
Molybdenum	94-1	0.43	0.39	0.44	0.42	6.45	ppb
Molybdenum	95-1	0.17	0.23	0.19	0.19	14.42	ppb
Molybdenum	96-1	0.26	0.22	0.22	0.23	9.16	ppb
Molybdenum	97-1	0.25	0.21	0.27	0.24	13.14	ppb
Molybdenum	98-1	0.20	0.20	0.23	0.21	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.34	1.36	1.33	2.75	ppb
Phosphorus	31-2	64.48	68.49	85.28	72.75	15.16	ppb
Potassium	39-2	50.90	41.14	33.92	41.99	20.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	0.66	1.54	-0.29	0.64	143.84	ppb
Selenium	78-2	1.27	0.67	0.77	0.90	35.21	ppb
Selenium	82-1	-1.19	-0.69	-1.14	-1.01		ppb
Silicon	28-1	168.30	85.43	158.14	137.29	32.92	ppb
Silver	109-1	0.09	0.11	0.11	0.11	11.38	ppb
Silver	107-1	0.09	0.11	0.10	0.10	7.58	ppb
Sodium	23-2	81.25	74.52	71.89	75.89	6.36	ppb
Strontium	86-1	15.29	14.59	14.85	14.91	2.37	ppb
Strontium	88-1	14.82	14.68	14.95	14.82	0.91	ppb
Sulfur	34-1	-2984.29	-3034.29	-2869.42	-2962.67		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	0.05	0.05	0.05	0.05	3.36	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	9.89	ppb
Tin	118-1	0.48	0.46	0.48	0.47	2.13	ppb
Titanium	47-1	9.59	11.85	11.92	11.12	11.94	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	5.80	ppb
Vanadium	51-2	2.24	2.31	2.34	2.29	2.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	8.72	8.92	9.59	9.08	5.00	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.19	0.20	8.34	ppb
Zirconium	91-1	0.20	0.24	0.27	0.24	15.91	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	661.62	617.97	621.15	633.58	3.84	ppb
Antimony	121-1	0.20	0.19	0.18	0.19	4.90	ppb
Arsenic	75-1	0.65	0.33	0.92	0.63	46.40	ppb
Barium	135-1	21.56	21.59	21.91	21.69	0.90	ppb
Barium	137-1	21.65	22.20	22.38	22.07	1.73	ppb
Beryllium	9-1	-0.03	-0.01	0.07	0.01	527.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				92		%
Boron	10-1	1.86	2.44	2.71	2.34	18.76	ppb
Boron	11-1	2.41	2.40	2.31	2.37	2.35	ppb
Cadmium	111-1	-0.19	-0.34	-0.25	-0.26		ppb
Cadmium	106-1	-3.23	-4.93	-4.05	-4.07		ppb
Cadmium	108-1	0.00	0.00	-0.14	-0.04		ppb
Calcium	43-1	1558.45	1546.92	1597.91	1567.76	1.71	ppb
Calcium	44-1	1531.18	1534.71	1547.08	1537.66	0.54	ppb
Chromium	52-2	3.51	3.33	3.50	3.45	2.99	ppb
Cobalt	59-2	0.08	0.09	0.08	0.08	3.73	ppb
Copper	63-2	2.39	2.33	2.38	2.37	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				107		%
Holmium	165-2				97		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	393.07	378.11	386.48	385.89	1.94	ppb
Iron	57-2	382.97	383.89	386.67	384.51	0.50	ppb
Krypton	83-1						cps
Lead	206-1	6.11	6.28	6.24	6.21	1.46	ppb
Lead	207-1	5.61	5.70	5.59	5.64	0.99	ppb
Lead	208-1	5.89	5.96	5.94	5.93	0.65	ppb
Lithium	6-1				30		%
Magnesium	24-2	50.95	48.28	49.11	49.45	2.77	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.77	2.09	1.84	1.90	8.94	ppb
Molybdenum	94-1	0.38	0.38	0.47	0.41	13.03	ppb
Molybdenum	95-1	0.06	0.13	0.07	0.08	46.07	ppb
Molybdenum	96-1	0.15	0.12	0.12	0.13	13.33	ppb
Molybdenum	97-1	0.14	0.15	0.13	0.14	6.69	ppb
Molybdenum	98-1	0.05	0.07	0.08	0.07	23.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.48	1.62	1.57	5.12	ppb
Phosphorus	31-2	16.38	-16.67	9.75	3.15	554.66	ppb
Potassium	39-2	28.48	27.29	10.93	22.23	44.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	0.32	0.30	0.25	0.29	12.84	ppb
Selenium	78-2	0.90	0.92	-0.24	0.53	125.81	ppb
Selenium	82-1	-0.99	0.07	-1.10	-0.68		ppb
Silicon	28-1	274.83	205.27	239.75	239.95	14.49	ppb
Silver	109-1	0.06	0.05	0.07	0.06	14.91	ppb
Silver	107-1	0.05	0.06	0.05	0.05	12.47	ppb
Sodium	23-2	60.39	58.79	49.83	56.33	10.11	ppb
Strontium	86-1	21.29	21.25	21.21	21.25	0.19	ppb
Strontium	88-1	21.10	21.07	21.32	21.16	0.65	ppb
Sulfur	34-1	-2888.25	-2911.02	-2632.40	-2810.56		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.01	0.01	0.01	53.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	30.66	ppb
Tin	118-1	0.40	0.36	0.46	0.41	12.41	ppb
Titanium	47-1	13.30	13.01	32.13	19.48	56.22	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	7.96	ppb
Vanadium	51-2	3.28	3.31	3.40	3.33	1.85	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	5.76	5.36	5.33	5.48	4.34	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.36	0.17	0.26	35.56	ppb
Zirconium	91-1	0.21	0.21	0.18	0.20	7.25	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	857.85	861.00	861.58	860.14	0.23	ppb
Antimony	121-1	0.84	0.83	0.92	0.86	5.67	ppb
Arsenic	75-1	0.87	0.99	0.41	0.76	40.03	ppb
Barium	135-1	43.25	43.00	44.66	43.64	2.04	ppb
Barium	137-1	43.51	43.60	44.10	43.74	0.74	ppb
Beryllium	9-1	0.00	0.01	0.05	0.02	109.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	1.96	3.60	-0.16	1.80	104.54	ppb
Boron	11-1	3.27	2.66	2.98	2.97	10.32	ppb
Cadmium	111-1	0.40	0.36	0.35	0.37	7.40	ppb
Cadmium	106-1	-2.99	-3.17	-4.06	-3.41		ppb
Cadmium	108-1	0.59	0.54	0.59	0.57	5.26	ppb
Calcium	43-1	3189.87	3106.59	3252.39	3182.95	2.30	ppb
Calcium	44-1	3143.54	3115.23	3242.21	3166.99	2.10	ppb
Chromium	52-2	5.96	6.05	6.12	6.04	1.37	ppb
Cobalt	59-2	0.27	0.28	0.25	0.27	4.97	ppb
Copper	63-2	21.99	21.82	22.41	22.08	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				110		%
Holmium	165-2				97		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	56-2	1104.37	1093.49	1132.11	1109.99	1.79	ppb
Iron	57-2	1127.11	1115.76	1151.10	1131.32	1.59	ppb
Krypton	83-1						cps
Lead	206-1	55.08	54.48	56.95	55.50	2.32	ppb
Lead	207-1	50.30	50.30	52.36	50.99	2.33	ppb
Lead	208-1	52.92	52.58	54.74	53.41	2.18	ppb
Lithium	6-1				30		%
Magnesium	24-2	114.01	112.03	114.54	113.53	1.16	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.25	19.95	20.79	20.33	2.10	ppb
Molybdenum	94-1	0.44	0.54	0.47	0.48	9.78	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	0.80	ppb
Molybdenum	96-1	0.12	0.13	0.12	0.12	6.50	ppb
Molybdenum	97-1	0.17	0.15	0.16	0.16	6.36	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.10	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.52	3.24	3.57	3.44	5.25	ppb
Phosphorus	31-2	701.98	733.19	710.84	715.34	2.25	ppb
Potassium	39-2	48.21	35.12	30.83	38.05	23.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	0.96	1.50	0.26	0.91	68.88	ppb
Selenium	78-2	2.09	0.18	0.48	0.92	112.45	ppb
Selenium	82-1	-0.25	-0.94	-0.86	-0.68		ppb
Silicon	28-1	233.06	226.38	264.54	241.33	8.44	ppb
Silver	109-1	0.11	0.13	0.12	0.12	8.34	ppb
Silver	107-1	0.10	0.11	0.12	0.11	6.05	ppb
Sodium	23-2	62.58	58.99	51.72	57.77	9.57	ppb
Strontium	86-1	50.83	50.85	52.76	51.48	2.15	ppb
Strontium	88-1	50.74	50.56	52.40	51.23	1.98	ppb
Sulfur	34-1	-2658.47	-2721.36	-2383.64	-2587.82		ppb
Terbium	159-1				110		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	27.10	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	18.75	ppb
Tin	118-1	1.49	1.53	1.67	1.56	5.82	ppb
Titanium	47-1	19.20	15.80	14.45	16.48	14.84	ppb
Uranium	238-1	0.12	0.13	0.13	0.13	6.64	ppb
Vanadium	51-2	2.64	2.56	2.63	2.61	1.63	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	138.24	139.53	141.60	139.79	1.21	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.30	0.40	0.32	20.57	ppb
Zirconium	91-1	0.36	0.30	0.27	0.31	14.17	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6718.39	6681.00	6872.67	6757.35	1.50	ppb
Antimony	121-1	0.20	0.20	0.21	0.20	3.25	ppb
Arsenic	75-1	1.75	0.77	1.00	1.17	43.47	ppb
Barium	135-1	8.97	9.04	8.95	8.99	0.57	ppb
Barium	137-1	8.84	8.96	8.99	8.93	0.88	ppb
Beryllium	9-1	0.08	0.16	0.15	0.13	32.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				88		%
Boron	10-1	3.39	2.38	2.15	2.64	24.82	ppb
Boron	11-1	4.06	2.05	2.48	2.86	37.00	ppb
Cadmium	111-1	-0.25	-0.30	-0.23	-0.26		ppb
Cadmium	106-1	-3.56	-4.13	-3.29	-3.66		ppb
Cadmium	108-1	0.05	0.00	0.03	0.03	88.54	ppb
Calcium	43-1	826.46	828.21	851.16	835.27	1.65	ppb
Calcium	44-1	826.00	828.39	848.49	834.29	1.48	ppb
Chromium	52-2	8.07	7.87	8.10	8.01	1.53	ppb
Cobalt	59-2	0.37	0.33	0.36	0.35	5.62	ppb
Copper	63-2	0.72	0.79	0.78	0.76	4.63	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				109		%
Holmium	165-2				93		%
Indium	115-1				111		%
Indium	115-2				93		%
Iron	56-2	2490.44	2450.00	2530.46	2490.30	1.62	ppb
Iron	57-2	2446.71	2385.29	2465.29	2432.43	1.72	ppb
Krypton	83-1						cps
Lead	206-1	5.90	5.92	6.04	5.95	1.24	ppb
Lead	207-1	5.32	5.56	5.58	5.49	2.60	ppb
Lead	208-1	5.62	5.70	5.78	5.70	1.35	ppb
Lithium	6-1				30		%
Magnesium	24-2	20.69	20.08	20.32	20.36	1.53	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.08	0.92	0.99	8.23	ppb
Molybdenum	94-1	1.60	1.73	1.66	1.66	3.93	ppb
Molybdenum	95-1	0.10	0.14	0.10	0.11	17.40	ppb
Molybdenum	96-1	0.27	0.30	0.29	0.29	5.49	ppb
Molybdenum	97-1	0.18	0.15	0.16	0.16	8.45	ppb
Molybdenum	98-1	0.09	0.11	0.12	0.10	14.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.16	2.34	2.22	4.48	ppb
Phosphorus	31-2	3.55	18.98	-1.22	7.11	148.54	ppb
Potassium	39-2	31.71	25.93	28.72	28.79	10.04	ppb
Rhodium	103-1				109		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.96	2.18	1.21	1.45	44.60	ppb
Selenium	78-2	1.03	1.81	1.15	1.33	31.46	ppb
Selenium	82-1	-0.51	-0.77	-0.87	-0.72		ppb
Silicon	28-1	1043.85	1148.33	1100.09	1097.42	4.76	ppb
Silver	109-1	0.04	0.02	0.05	0.04	30.70	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.82	ppb
Sodium	23-2	61.31	61.81	60.09	61.07	1.44	ppb
Strontium	86-1	6.97	6.84	7.11	6.97	1.88	ppb
Strontium	88-1	6.97	7.11	7.02	7.03	1.03	ppb
Sulfur	34-1	-2969.35	-3049.74	-2858.52	-2959.20		ppb
Terbium	159-1				109		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.02	0.01	0.01	35.36	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.61	ppb
Tin	118-1	0.24	0.27	0.23	0.25	7.38	ppb
Titanium	47-1	15.85	17.27	11.12	14.75	21.84	ppb
Uranium	238-1	0.33	0.34	0.34	0.34	0.91	ppb
Vanadium	51-2	15.27	15.20	15.35	15.27	0.49	ppb
Yttrium	89-1				111		%
Yttrium	89-2				95		%
Zinc	66-2	2.38	2.20	2.45	2.34	5.55	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	0.95	1.00	0.98	2.80	ppb
Zirconium	91-1	0.90	1.09	1.31	1.10	18.86	ppb

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : J2033-22 Instrumnet Name : P7
 Client Sample ID : MDANH3 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 22:12:52 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9166.64	9091.95	9102.69	9120.43	0.44	ppb
Antimony	121-1	0.32	0.34	0.34	0.33	3.81	ppb
Arsenic	75-1	2.25	2.32	1.57	2.05	20.29	ppb
Barium	135-1	8.27	8.36	7.99	8.21	2.34	ppb
Barium	137-1	8.11	8.28	8.49	8.29	2.33	ppb
Beryllium	9-1	0.14	0.12	0.14	0.13	9.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	1.87	1.09	0.81	1.26	43.55	ppb
Boron	11-1	2.65	3.19	2.67	2.83	10.92	ppb
Cadmium	111-1	-0.28	-0.34	-0.27	-0.30		ppb
Cadmium	106-1	-4.13	-4.82	-4.12	-4.36		ppb
Cadmium	108-1	0.07	-0.04	0.03	0.02	296.26	ppb
Calcium	43-1	3855.77	3978.66	4003.94	3946.12	2.01	ppb
Calcium	44-1	3929.09	3983.38	4077.14	3996.54	1.87	ppb
Chromium	52-2	10.03	10.09	10.08	10.07	0.35	ppb
Cobalt	59-2	0.17	0.14	0.13	0.15	10.76	ppb
Copper	63-2	3.39	3.37	3.37	3.38	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	545.73	546.19	551.91	547.94	0.63	ppb
Iron	57-2	552.48	578.06	558.44	562.99	2.38	ppb
Krypton	83-1						cps
Lead	206-1	7.21	7.20	7.33	7.25	1.02	ppb
Lead	207-1	6.47	6.71	6.66	6.61	1.93	ppb
Lead	208-1	6.82	6.91	7.01	6.91	1.40	ppb
Lithium	6-1				32		%
Magnesium	24-2	124.58	123.86	122.93	123.79	0.67	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-22	Instrumnet Name :	P7
Client Sample ID :	MDANH3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:12:52	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.80	0.79	0.81	0.80	1.08	ppb
Molybdenum	94-1	1.87	1.87	12.78	5.51	114.42	ppb
Molybdenum	95-1	0.20	0.19	0.21	0.20	4.28	ppb
Molybdenum	96-1	0.39	0.42	0.45	0.42	6.68	ppb
Molybdenum	97-1	0.27	0.30	0.23	0.26	12.75	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.66	3.09	3.09	3.95	37.53	ppb
Phosphorus	31-2	354.16	317.14	322.76	331.35	6.02	ppb
Potassium	39-2	41.31	37.36	19.02	32.56	36.53	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	1.58	1.78	2.73	2.03	30.37	ppb
Selenium	78-2	1.18	1.47	1.33	1.33	11.24	ppb
Selenium	82-1	-0.27	-0.24	-1.01	-0.51		ppb
Silicon	28-1	990.21	938.16	952.12	960.16	2.81	ppb
Silver	109-1	0.05	0.06	0.06	0.06	13.53	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.15	ppb
Sodium	23-2	70.70	65.17	58.65	64.84	9.30	ppb
Strontium	86-1	59.03	60.01	60.13	59.72	1.01	ppb
Strontium	88-1	59.64	59.92	60.74	60.10	0.95	ppb
Sulfur	34-1	-3283.49	-3278.24	-3099.79	-3220.51		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.02	0.03	13.92	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	21.19	ppb
Tin	118-1	0.30	0.26	0.30	0.29	8.00	ppb
Titanium	47-1	22.64	27.36	23.97	24.66	9.88	ppb
Uranium	238-1	0.29	0.30	0.30	0.29	2.39	ppb
Vanadium	51-2	8.34	7.77	8.21	8.11	3.65	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	4.29	4.07	4.08	4.14	2.99	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-22	Instrumnet Name :	P7
Client Sample ID :	MDANH3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:12:52	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.28	1.18	1.13	1.20	6.24	ppb
Zirconium	91-1	1.15	1.20	1.16	1.17	2.44	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43009.53	42887.88	44535.08	43477.50	2.11	ppb
Antimony	121-1	490.64	501.52	500.79	497.65	1.22	ppb
Arsenic	75-1	498.29	515.88	516.18	510.11	2.01	ppb
Barium	135-1	2443.32	2484.30	2482.71	2470.11	0.94	ppb
Barium	137-1	2419.45	2473.51	2487.90	2460.29	1.47	ppb
Beryllium	9-1	704.82	704.70	712.03	707.19	0.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	703.05	710.47	727.75	713.76	1.78	ppb
Boron	11-1	764.35	784.17	788.13	778.89	1.64	ppb
Cadmium	111-1	473.50	479.78	485.82	479.70	1.28	ppb
Cadmium	106-1	466.95	474.45	487.44	476.28	2.18	ppb
Cadmium	108-1	466.43	477.21	483.80	475.82	1.84	ppb
Calcium	43-1	226979.26	235342.28	233233.42	231851.65	1.88	ppb
Calcium	44-1	226860.19	232377.88	232387.52	230541.86	1.38	ppb
Chromium	52-2	506.98	502.33	518.28	509.19	1.61	ppb
Cobalt	59-2	485.85	480.30	504.81	490.32	2.62	ppb
Copper	63-2	960.31	953.99	983.70	966.00	1.62	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				110		%
Holmium	165-2				96		%
Indium	115-1				106		%
Indium	115-2				91		%
Iron	56-2	113845.42	113175.02	117274.74	114765.06	1.92	ppb
Iron	57-2	113541.80	112562.72	117122.95	114409.16	2.10	ppb
Krypton	83-1						cps
Lead	206-1	479.39	487.24	494.36	487.00	1.54	ppb
Lead	207-1	477.93	481.99	490.80	483.57	1.36	ppb
Lead	208-1	483.61	488.98	496.68	489.76	1.34	ppb
Lithium	6-1				44		%
Magnesium	24-2	225665.93	224733.57	229946.41	226781.97	1.23	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	962.48	954.12	985.77	967.46	1.70	ppb
Molybdenum	94-1	2380.13	2454.86	2437.32	2424.10	1.61	ppb
Molybdenum	95-1	2357.38	2438.69	2453.51	2416.53	2.14	ppb
Molybdenum	96-1	2352.13	2448.53	2445.19	2415.28	2.27	ppb
Molybdenum	97-1	2358.76	2439.11	2453.34	2417.07	2.11	ppb
Molybdenum	98-1	2355.28	2440.34	2458.18	2417.93	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.88	482.15	501.67	491.23	2.00	ppb
Phosphorus	31-2	9521.79	9510.33	9820.53	9617.55	1.83	ppb
Potassium	39-2	112151.08	111900.20	115462.51	113171.27	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	479.43	469.95	483.98	477.79	1.50	ppb
Selenium	78-2	482.69	463.01	494.74	480.15	3.34	ppb
Selenium	82-1	458.87	466.10	476.85	467.27	1.94	ppb
Silicon	28-1	416.77	448.52	451.58	438.96	4.39	ppb
Silver	109-1	475.19	479.42	485.33	479.98	1.06	ppb
Silver	107-1	473.29	483.25	486.29	480.94	1.41	ppb
Sodium	23-2	234402.02	229214.41	238652.39	234089.61	2.02	ppb
Strontium	86-1	490.29	499.30	509.31	499.63	1.90	ppb
Strontium	88-1	497.67	505.56	507.91	503.72	1.07	ppb
Sulfur	34-1	6946.58	7508.33	7578.66	7344.52	4.72	ppb
Terbium	159-1				110		%
Terbium	159-2				95		%
Thallium	203-1	479.88	483.78	496.86	486.84	1.83	ppb
Thallium	205-1	481.02	484.71	497.12	487.62	1.73	ppb
Tin	118-1	487.41	496.44	500.83	494.89	1.38	ppb
Titanium	47-1	2369.91	2441.21	2446.34	2419.15	1.77	ppb
Uranium	238-1	471.91	479.23	490.18	480.44	1.91	ppb
Vanadium	51-2	494.79	490.67	506.10	497.19	1.61	ppb
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	943.72	942.10	972.23	952.68	1.78	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	475.55	494.00	493.86	487.80	2.18	ppb
Zirconium	91-1	464.67	481.69	485.28	477.21	2.31	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:20:06	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	1.21	0.29	0.66	73.62	ppb
Antimony	121-1	0.33	0.32	0.35	0.33	4.12	ppb
Arsenic	75-1	0.04	-0.07	0.11	0.03	342.17	ppb
Barium	135-1	0.02	0.01	0.00	0.01	82.40	ppb
Barium	137-1	0.02	0.03	0.02	0.02	24.66	ppb
Beryllium	9-1	0.09	0.07	0.04	0.07	38.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	16.73	12.14	12.00	13.62	19.75	ppb
Boron	11-1	16.48	13.37	12.26	14.03	15.57	ppb
Cadmium	111-1	-0.16	-0.27	-0.19	-0.21		ppb
Cadmium	106-1	-2.36	-3.96	-2.66	-2.99		ppb
Cadmium	108-1	-0.09	-0.04	-0.01	-0.05		ppb
Calcium	43-1	3.84	8.61	9.16	7.20	40.64	ppb
Calcium	44-1	8.16	10.31	8.92	9.13	11.93	ppb
Chromium	52-2	0.20	0.18	0.14	0.17	19.09	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.23	ppb
Copper	63-2	0.18	0.18	0.11	0.16	27.63	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				107		%
Holmium	165-2				94		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	56-2	1.96	1.86	1.91	1.91	2.62	ppb
Iron	57-2	2.14	1.84	1.36	1.78	21.97	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.20	0.20	2.61	ppb
Lead	207-1	0.19	0.21	0.24	0.22	10.82	ppb
Lead	208-1	0.20	0.21	0.23	0.21	8.33	ppb
Lithium	6-1				51		%
Magnesium	24-2	2.08	2.37	2.10	2.18	7.47	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:20:06	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.02	0.02	14.99	ppb
Molybdenum	94-1	0.22	0.16	0.21	0.20	16.75	ppb
Molybdenum	95-1	0.21	0.22	0.21	0.21	3.67	ppb
Molybdenum	96-1	0.21	0.22	0.21	0.21	2.02	ppb
Molybdenum	97-1	0.19	0.22	0.23	0.22	9.23	ppb
Molybdenum	98-1	0.19	0.21	0.27	0.23	18.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	159.08	ppb
Phosphorus	31-2	-40.12	-47.04	-40.49	-42.55		ppb
Potassium	39-2	42.15	24.69	8.61	25.15	66.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	-0.29	0.34	-0.01	0.01	2304.74	ppb
Selenium	78-2	1.50	1.15	0.03	0.90	85.56	ppb
Selenium	82-1	-1.22	-1.43	-1.07	-1.24		ppb
Silicon	28-1	-18.42	-18.12	-15.51	-17.35		ppb
Silver	109-1	0.03	0.01	0.02	0.02	35.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.45	ppb
Sodium	23-2	75.86	68.63	54.34	66.28	16.52	ppb
Strontium	86-1	-0.06	-0.06	0.05	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.37	ppb
Sulfur	34-1	-1779.77	-1689.55	-1328.01	-1599.11		ppb
Terbium	159-1				106		%
Terbium	159-2				93		%
Thallium	203-1	0.23	0.19	0.18	0.20	11.62	ppb
Thallium	205-1	0.21	0.22	0.20	0.21	4.54	ppb
Tin	118-1	0.16	0.19	0.19	0.18	9.55	ppb
Titanium	47-1	0.01	-0.08	-0.01	-0.03		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	31.73	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	97.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	0.54	0.48	0.41	0.48	13.92	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:20:06	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.05	0.04	24.05	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	30.67	ppb

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	150	92	133	27.24	cps
Antimony	121-1	50	0	25	25	100.00	cps
Arsenic	75-1	1540	1596	1392	1509	6.98	cps
Barium	135-1	25	8	50	28	75.51	cps
Barium	137-1	58	17	50	42	52.91	cps
Beryllium	9-1	83	61	106	83	26.67	cps
Bismuth	209-1	9518672	9839112	9670328	9676037	1.66	cps
Bismuth	209-2	6315797	6463599	6542866	6440754	1.79	cps
Boron	10-1	1267	1292	1142	1233	6.52	cps
Boron	11-1	5860	5493	5360	5571	4.65	cps
Cadmium	111-1	3360	3496	3531	3462	2.60	cps
Cadmium	106-1	4809	5009	5051	4957	2.61	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	350	233	450	344	31.48	cps
Calcium	44-1	19021	19213	19155	19130	0.51	cps
Chromium	52-2	407	523	457	462	12.66	cps
Cobalt	59-2	73	73	67	71	5.41	cps
Copper	63-2	807	880	790	826	5.80	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	58	50	47	26.95	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	125	83	75	94	28.36	cps
Gadolinium	160-2	180	203	197	193	6.22	cps
Holmium	165-1	14409701	14804676	14725853	14646743	1.43	cps
Holmium	165-2	8774448	8829396	8861512	8821785	0.50	cps
Indium	115-1	11638438	12053808	11935289	11875845	1.80	cps
Indium	115-2	3377451	3438027	3478693	3431390	1.48	cps
Iron	56-2	5918	6151	6185	6085	2.39	cps
Iron	57-2	589	717	617	641	10.49	cps
Krypton	83-1	577	577	647	600	6.74	cps
Lead	206-1	372	439	311	374	17.09	cps
Lead	207-1	383	344	378	369	5.71	cps
Lead	208-1	1556	1667	1600	1607	3.48	cps
Lithium	6-1	2581739	2646693	2641872	2623435	1.38	cps
Magnesium	24-2	167	133	208	169	22.18	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	70	83	78	8.92	cps
Molybdenum	94-1	250	233	275	253	8.30	cps
Molybdenum	95-1	50	33	33	39	24.75	cps
Molybdenum	96-1	75	108	142	108	30.77	cps
Molybdenum	97-1	100	50	92	81	33.26	cps
Molybdenum	98-1	17	42	25	28	45.82	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	53	23	50	42	38.95	cps
Phosphorus	31-2	958	900	750	870	12.36	cps
Potassium	39-2	71146	71757	73516	72140	1.71	cps
Rhodium	103-1	11390482	11868792	11717404	11658893	2.10	cps
Rhodium	103-2	6262477	6389923	6444314	6365571	1.47	cps
Scandium	45-1	7597501	7947038	7780611	7775050	2.25	cps
Scandium	45-2	517495	532225	531881	527200	1.59	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	141	148	141	143	2.99	cps
Selenium	82-1	53	59	36	49	24.20	cps
Silicon	28-1	499420	508301	505682	504468	0.90	cps
Silver	109-1	42	83	25	50	60.09	cps
Silver	107-1	117	117	117	117	0.00	cps
Sodium	23-2	34015	34006	34014	34012	0.01	cps
Strontium	86-1	1258	1008	917	1061	16.67	cps
Strontium	88-1	117	108	183	136	30.20	cps
Sulfur	34-1	558791	573237	573556	568528	1.48	cps
Terbium	159-1	14806946	15542010	15191233	15180063	2.42	cps
Terbium	159-2	8942790	9028145	9053664	9008200	0.64	cps
Thallium	203-1	67	108	50	75	40.06	cps
Thallium	205-1	208	233	183	208	12.00	cps
Tin	118-1	1425	1550	1625	1533	6.59	cps
Titanium	47-1	142	208	150	167	21.79	cps
Uranium	238-1	158	75	117	117	35.72	cps
Vanadium	51-2	23	23	13	20	28.87	cps
Yttrium	89-1	12475565	13011098	12841143	12775935	2.14	cps
Yttrium	89-2	2662659	2694766	2729496	2695640	1.24	cps
Zinc	66-2	93	120	120	111	13.85	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:05:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	742	833	850	808	7.22	cps
Zirconium	91-1	150	150	175	158	9.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559	2567	2459	2528	2.39	cps
Antimony	121-1	17570	16769	16802	17047	2.66	cps
Arsenic	75-1	4159	3086	3569	3605	14.91	cps
Barium	135-1	20007	19080	19389	19492	2.42	cps
Barium	137-1	33617	33433	33107	33386	0.77	cps
Beryllium	9-1	1706	1845	1878	1809	5.05	cps
Bismuth	209-1	9909613	9662375	9339574	9637188	2.97	cps
Bismuth	209-2	6115823	6047753	6319951	6161176	2.30	cps
Boron	10-1	6627	6618	6360	6535	2.32	cps
Boron	11-1	30256	30456	30666	30459	0.67	cps
Cadmium	111-1	5564	5510	5556	5543	0.53	cps
Cadmium	106-1	5235	5001	4818	5018	4.16	cps
Cadmium	108-1	138	154	167	153	9.58	cps
Calcium	43-1	12322	12122	12639	12361	2.11	cps
Calcium	44-1	222560	215714	222113	220129	1.74	cps
Chromium	52-2	7712	7642	8139	7831	3.43	cps
Cobalt	59-2	5208	5414	5568	5397	3.35	cps
Copper	63-2	8349	8319	8159	8276	1.24	cps
Dysprosium	156-1	50	0	8	19	137.78	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	40	53	27	40	33.33	cps
Gadolinium	160-1	100	42	125	89	48.11	cps
Gadolinium	160-2	193	220	233	216	9.45	cps
Holmium	165-1	15000852	14663786	14073859	14579499	3.22	cps
Holmium	165-2	8340138	8182391	8449181	8323903	1.61	cps
Indium	115-1	12026706	11733581	11437340	11732542	2.51	cps
Indium	115-2	3216219	3209024	3319518	3248254	1.90	cps
Iron	56-2	155127	158615	160739	158160	1.79	cps
Iron	57-2	4245	4279	4379	4301	1.61	cps
Krypton	83-1	673	677	650	667	2.18	cps
Lead	206-1	6919	6846	7135	6967	2.16	cps
Lead	207-1	6574	6452	6568	6531	1.06	cps
Lead	208-1	28229	28379	28090	28233	0.51	cps
Lithium	6-1	2699092	2656736	2565156	2640328	2.59	cps
Magnesium	24-2	130062	130497	132735	131098	1.09	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2417	2440	2367	2408	1.56	cps
Molybdenum	94-1	17837	18062	17445	17781	1.76	cps
Molybdenum	95-1	21008	21467	20908	21128	1.41	cps
Molybdenum	96-1	23796	23996	23086	23626	2.02	cps
Molybdenum	97-1	13165	12648	12765	12859	2.11	cps
Molybdenum	98-1	34543	33357	34443	34114	1.93	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1503	1547	1470	1507	2.55	cps
Phosphorus	31-2	808	892	825	842	5.24	cps
Potassium	39-2	222901	223863	227504	224756	1.08	cps
Rhodium	103-1	11702060	11606845	11209989	11506298	2.27	cps
Rhodium	103-2	5853608	5855425	6002650	5903894	1.45	cps
Scandium	45-1	7940757	7693526	7535914	7723399	2.64	cps
Scandium	45-2	492270	489486	505945	495901	1.78	cps
Selenium	77-2	43	60	57	53	16.54	cps
Selenium	78-2	307	324	348	327	6.27	cps
Selenium	82-1	614	632	698	648	6.82	cps
Silicon	28-1	588875	586324	587737	587645	0.22	cps
Silver	109-1	10621	9687	10046	10118	4.66	cps
Silver	107-1	11205	10496	10538	10746	3.70	cps
Sodium	23-2	273643	276516	281187	277115	1.37	cps
Strontium	86-1	3667	3509	3576	3584	2.22	cps
Strontium	88-1	24647	23303	23854	23935	2.82	cps
Sulfur	34-1	584678	584054	594001	587578	0.95	cps
Terbium	159-1	15465496	15176546	14545268	15062437	3.12	cps
Terbium	159-2	8390176	8330378	8589355	8436636	1.61	cps
Thallium	203-1	8245	8320	8044	8203	1.73	cps
Thallium	205-1	20316	19507	19423	19749	2.50	cps
Tin	118-1	35696	34084	33508	34429	3.29	cps
Titanium	47-1	6143	5968	6001	6038	1.54	cps
Uranium	238-1	27789	26637	27422	27282	2.16	cps
Vanadium	51-2	13787	13983	14217	13996	1.54	cps
Yttrium	89-1	12893266	12569087	12173609	12545321	2.87	cps
Yttrium	89-2	2511965	2493818	2578407	2528063	1.76	cps
Zinc	66-2	1433	1357	1427	1406	3.02	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:14:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15668	15284	15476	15476	1.24	cps
Zirconium	91-1	3401	3359	3275	3345	1.90	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148468	139699	149408	145858	3.67	cps
Antimony	121-1	475651	482329	476551	478177	0.76	cps
Arsenic	75-1	125719	124314	121592	123875	1.69	cps
Barium	135-1	542967	553990	540863	545940	1.29	cps
Barium	137-1	947184	950433	919942	939186	1.78	cps
Beryllium	9-1	101846	104083	103551	103160	1.13	cps
Bismuth	209-1	9871598	9950678	9483643	9768640	2.56	cps
Bismuth	209-2	6575958	6302473	6818220	6565550	3.93	cps
Boron	10-1	12923	13256	13306	13162	1.58	cps
Boron	11-1	62003	63501	62948	62817	1.21	cps
Cadmium	111-1	122575	126252	122080	123636	1.84	cps
Cadmium	106-1	17812	18254	17628	17898	1.80	cps
Cadmium	108-1	8991	8574	8907	8824	2.50	cps
Calcium	43-1	138671	142011	138361	139681	1.45	cps
Calcium	44-1	2293083	2331143	2286035	2303421	1.05	cps
Chromium	52-2	205962	191918	206990	201623	4.18	cps
Cobalt	59-2	309684	291561	310363	303869	3.51	cps
Copper	63-2	437589	407261	439933	428261	4.26	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	7	27	33	22	62.43	cps
Gadolinium	160-1	108	142	92	114	22.35	cps
Gadolinium	160-2	220	177	253	217	17.74	cps
Holmium	165-1	15050280	15220797	14511242	14927439	2.48	cps
Holmium	165-2	8874022	8479773	9452894	8935563	5.48	cps
Indium	115-1	12155496	12211622	11699865	12022328	2.33	cps
Indium	115-2	3506087	3313271	3658947	3492769	4.96	cps
Iron	56-2	8988599	8480439	9126861	8865300	3.84	cps
Iron	57-2	220293	206385	225040	217239	4.46	cps
Krypton	83-1	690	627	653	657	4.84	cps
Lead	206-1	359694	366912	364888	363831	1.02	cps
Lead	207-1	326405	328232	320154	324930	1.30	cps
Lead	208-1	1463179	1478172	1458686	1466679	0.70	cps
Lithium	6-1	2745191	2765487	2645633	2718770	2.36	cps
Magnesium	24-2	1591274	1486605	1606110	1561330	4.17	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257546	241029	259017	252531	3.96	cps
Molybdenum	94-1	972138	985528	967596	975087	0.96	cps
Molybdenum	95-1	1194649	1218623	1189289	1200854	1.30	cps
Molybdenum	96-1	1326385	1358960	1328603	1337983	1.36	cps
Molybdenum	97-1	739996	755745	744512	746751	1.09	cps
Molybdenum	98-1	1923302	1960324	1928924	1937517	1.03	cps
Neodymium	150-1	13	33	27	24	41.68	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	81436	76877	82304	80206	3.63	cps
Phosphorus	31-2	10396	9412	10095	9968	5.06	cps
Potassium	39-2	999662	935402	1009022	981362	4.08	cps
Rhodium	103-1	11790850	11874952	11351811	11672538	2.41	cps
Rhodium	103-2	6269249	5961921	6618686	6283285	5.23	cps
Scandium	45-1	7920442	7951189	7526852	7799494	3.03	cps
Scandium	45-2	531839	505856	559243	532313	5.02	cps
Selenium	77-2	643	703	677	674	4.46	cps
Selenium	78-2	2265	2022	2132	2140	5.68	cps
Selenium	82-1	7780	7499	7553	7611	1.96	cps
Silicon	28-1	908774	924963	908926	914221	1.02	cps
Silver	109-1	568585	574506	565512	569534	0.80	cps
Silver	107-1	601750	604943	596615	601103	0.70	cps
Sodium	23-2	3009165	2818653	3040444	2956087	4.06	cps
Strontium	86-1	146065	151150	147678	148298	1.75	cps
Strontium	88-1	1302897	1319440	1296773	1306370	0.90	cps
Sulfur	34-1	678301	681637	682192	680710	0.31	cps
Terbium	159-1	15396553	15735679	15073009	15401747	2.15	cps
Terbium	159-2	8969066	8572520	9529113	9023566	5.33	cps
Thallium	203-1	445821	443481	443561	444288	0.30	cps
Thallium	205-1	1067706	1079227	1063480	1070138	0.76	cps
Tin	118-1	370503	376529	371498	372843	0.87	cps
Titanium	47-1	334597	339468	328237	334101	1.69	cps
Uranium	238-1	1500298	1551715	1530774	1527596	1.69	cps
Vanadium	51-2	166059	157345	169946	164450	3.92	cps
Yttrium	89-1	12982978	13012538	12405412	12800310	2.67	cps
Yttrium	89-2	2695548	2585177	2866218	2715648	5.21	cps
Zinc	66-2	70851	66431	70815	69365	3.66	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:18:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792678	800062	786280	793007	0.87	cps
Zirconium	91-1	172412	175213	170448	172691	1.39	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340629	333061	358098	343929	3.73	cps
Antimony	121-1	1213823	1166187	1221882	1200631	2.51	cps
Arsenic	75-1	310878	298439	310169	306495	2.28	cps
Barium	135-1	1368115	1334389	1392654	1365053	2.14	cps
Barium	137-1	2384171	2310222	2413817	2369403	2.25	cps
Beryllium	9-1	255483	241639	254884	250669	3.12	cps
Bismuth	209-1	9829334	9646502	9837569	9771135	1.11	cps
Bismuth	209-2	6327466	6208827	6418076	6318123	1.66	cps
Boron	10-1	30908	30240	30966	30704	1.31	cps
Boron	11-1	146555	145629	151841	148008	2.26	cps
Cadmium	111-1	306453	292565	303164	300727	2.41	cps
Cadmium	106-1	38169	36615	37317	37367	2.08	cps
Cadmium	108-1	22806	21341	22660	22269	3.62	cps
Calcium	43-1	353303	344046	361780	353043	2.51	cps
Calcium	44-1	5782386	5577927	5820880	5727064	2.28	cps
Chromium	52-2	469043	468046	497895	478328	3.54	cps
Cobalt	59-2	716730	709817	751119	725889	3.05	cps
Copper	63-2	1001499	994925	1048828	1015084	2.90	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	17	23	20	20	16.65	cps
Erbium	164-1	67	25	58	50	44.10	cps
Erbium	164-2	47	10	13	23	86.91	cps
Gadolinium	160-1	125	133	108	122	10.41	cps
Gadolinium	160-2	230	203	183	206	11.39	cps
Holmium	165-1	15124555	14709103	14999432	14944363	1.43	cps
Holmium	165-2	8680444	8395925	8849738	8642036	2.65	cps
Indium	115-1	12022665	11627198	11798701	11816188	1.68	cps
Indium	115-2	3373605	3288827	3433950	3365461	2.17	cps
Iron	56-2	20837430	20670074	21978489	21161998	3.36	cps
Iron	57-2	509466	504077	534951	516164	3.19	cps
Krypton	83-1	690	650	720	687	5.11	cps
Lead	206-1	921218	894487	944635	920113	2.73	cps
Lead	207-1	816372	785744	829517	810544	2.77	cps
Lead	208-1	3712840	3567700	3787526	3689355	3.03	cps
Lithium	6-1	2664966	2624582	2656987	2648845	0.81	cps
Magnesium	24-2	3681845	3637652	3902815	3740770	3.80	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	593413	597118	632019	607517	3.51	cps
Molybdenum	94-1	2465957	2410557	2510098	2462204	2.03	cps
Molybdenum	95-1	3030594	2993960	3115469	3046674	2.05	cps
Molybdenum	96-1	3371305	3323741	3414463	3369836	1.35	cps
Molybdenum	97-1	1887900	1851103	1909098	1882700	1.56	cps
Molybdenum	98-1	4971869	4836686	4993066	4933874	1.72	cps
Neodymium	150-1	67	113	147	109	36.90	cps
Neodymium	150-2	30	7	10	16	81.11	cps
Nickel	60-2	186251	184752	198134	189713	3.86	cps
Phosphorus	31-2	22059	21758	23995	22604	5.37	cps
Potassium	39-2	2222574	2205882	2344704	2257720	3.36	cps
Rhodium	103-1	11620817	11478611	11536586	11545338	0.62	cps
Rhodium	103-2	6067729	5927298	6088674	6027901	1.46	cps
Scandium	45-1	7811898	7634959	7755719	7734192	1.17	cps
Scandium	45-2	513274	496485	518438	509399	2.25	cps
Selenium	77-2	1460	1350	1457	1422	4.40	cps
Selenium	78-2	4956	4916	5168	5013	2.70	cps
Selenium	82-1	18796	18035	19016	18616	2.76	cps
Silicon	28-1	1563089	1540451	1593645	1565728	1.70	cps
Silver	109-1	1452338	1382205	1451266	1428603	2.81	cps
Silver	107-1	1508992	1469549	1526201	1501581	1.93	cps
Sodium	23-2	6899311	6813335	7257650	6990099	3.37	cps
Strontium	86-1	376549	363954	379176	373226	2.18	cps
Strontium	88-1	3264464	3195090	3361821	3273792	2.56	cps
Sulfur	34-1	817697	807134	825069	816633	1.10	cps
Terbium	159-1	15564632	15215899	15386452	15388994	1.13	cps
Terbium	159-2	8733315	8554201	8955070	8747529	2.30	cps
Thallium	203-1	1137791	1092581	1141233	1123868	2.42	cps
Thallium	205-1	2749704	2666815	2772816	2729778	2.04	cps
Tin	118-1	955872	909370	963172	942804	3.10	cps
Titanium	47-1	842165	808405	840949	830506	2.31	cps
Uranium	238-1	3923944	3839093	4006190	3923076	2.13	cps
Vanadium	51-2	389740	389169	409557	396155	2.93	cps
Yttrium	89-1	12735760	12617981	12726499	12693413	0.52	cps
Yttrium	89-2	2628870	2580540	2670208	2626539	1.71	cps
Zinc	66-2	161830	161887	171904	165207	3.51	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:22:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2026434	1947816	2022996	1999082	2.22	cps
Zirconium	91-1	442970	430934	444117	439340	1.66	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	674697	702504	700037	692413	2.22	cps
Antimony	121-1	2381470	2400148	2432518	2404712	1.07	cps
Arsenic	75-1	607611	607206	606050	606956	0.13	cps
Barium	135-1	2709149	2746943	2755290	2737127	0.90	cps
Barium	137-1	4752546	4787856	4784113	4774838	0.41	cps
Beryllium	9-1	492045	491697	492414	492052	0.07	cps
Bismuth	209-1	9897588	9891478	9542775	9777281	2.08	cps
Bismuth	209-2	6373910	6520379	6385843	6426711	1.27	cps
Boron	10-1	60330	60380	61191	60634	0.80	cps
Boron	11-1	285632	286540	288700	286958	0.55	cps
Cadmium	111-1	591706	592755	598713	594391	0.64	cps
Cadmium	106-1	67905	68993	68492	68463	0.80	cps
Cadmium	108-1	44115	42944	43601	43553	1.35	cps
Calcium	43-1	694102	695441	699102	696215	0.37	cps
Calcium	44-1	11267874	11315135	11284987	11289332	0.21	cps
Chromium	52-2	939606	972024	973950	961860	2.01	cps
Cobalt	59-2	1433599	1470929	1473159	1459229	1.52	cps
Copper	63-2	1987124	2070015	2045292	2034144	2.09	cps
Dysprosium	156-1	100	67	67	78	24.75	cps
Dysprosium	156-2	20	50	53	41	44.65	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	117	150	92	119	24.50	cps
Gadolinium	160-2	203	190	247	213	13.89	cps
Holmium	165-1	15292832	15304386	14691260	15096159	2.32	cps
Holmium	165-2	8867289	8920523	8753158	8846990	0.97	cps
Indium	115-1	11947575	11996033	11552734	11832114	2.06	cps
Indium	115-2	3377933	3411439	3367258	3385543	0.68	cps
Iron	56-2	41374643	42906123	42652107	42310957	1.94	cps
Iron	57-2	1010619	1053400	1048305	1037441	2.25	cps
Krypton	83-1	713	627	767	702	10.06	cps
Lead	206-1	1810867	1838289	1851172	1833443	1.12	cps
Lead	207-1	1603741	1649270	1650127	1634380	1.62	cps
Lead	208-1	7315689	7425134	7464663	7401829	1.04	cps
Lithium	6-1	2708939	2664765	2588333	2654013	2.30	cps
Magnesium	24-2	7236128	7491418	7402324	7376623	1.76	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1192859	1232435	1228194	1217829	1.78	cps
Molybdenum	94-1	4955851	4912396	4972467	4946905	0.63	cps
Molybdenum	95-1	6028181	6003921	6028216	6020106	0.23	cps
Molybdenum	96-1	6633831	6665498	6679288	6659539	0.35	cps
Molybdenum	97-1	3751396	3777172	3778477	3769015	0.41	cps
Molybdenum	98-1	9634642	9605039	9715925	9651869	0.59	cps
Neodymium	150-1	160	160	187	169	9.11	cps
Neodymium	150-2	20	27	27	24	15.75	cps
Nickel	60-2	369095	383334	381715	378048	2.06	cps
Phosphorus	31-2	42629	43423	43364	43139	1.03	cps
Potassium	39-2	4359278	4524337	4531638	4471751	2.18	cps
Rhodium	103-1	11546679	11621791	11337682	11502051	1.28	cps
Rhodium	103-2	6061744	6143246	6011596	6072195	1.09	cps
Scandium	45-1	7890768	7869213	7492287	7750756	2.89	cps
Scandium	45-2	508111	519099	505264	510824	1.43	cps
Selenium	77-2	2790	3014	2900	2901	3.85	cps
Selenium	78-2	9840	9663	9959	9821	1.52	cps
Selenium	82-1	37459	36778	37159	37132	0.92	cps
Silicon	28-1	2646214	2680436	2710125	2678925	1.19	cps
Silver	109-1	2837837	2825750	2849154	2837580	0.41	cps
Silver	107-1	2953867	2927456	2998290	2959871	1.21	cps
Sodium	23-2	13615896	14094812	13976429	13895712	1.80	cps
Strontium	86-1	737111	728183	745016	736770	1.14	cps
Strontium	88-1	6475842	6389256	6528135	6464411	1.09	cps
Sulfur	34-1	1013297	1019606	1014571	1015825	0.33	cps
Terbium	159-1	15756568	15504996	15203682	15488415	1.79	cps
Terbium	159-2	8946757	9030293	8860396	8945815	0.95	cps
Thallium	203-1	2237155	2251962	2239489	2242869	0.35	cps
Thallium	205-1	5452746	5492702	5474509	5473319	0.37	cps
Tin	118-1	1853028	1867815	1883885	1868243	0.83	cps
Titanium	47-1	1654091	1662746	1641916	1652918	0.63	cps
Uranium	238-1	7683409	7752678	7760940	7732342	0.55	cps
Vanadium	51-2	776289	804970	799791	793683	1.93	cps
Yttrium	89-1	12918695	12821628	12479842	12740055	1.81	cps
Yttrium	89-2	2644946	2691624	2637077	2657882	1.11	cps
Zinc	66-2	320663	332739	332514	328638	2.10	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:26:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4009850	4016055	3995002	4006969	0.27	cps
Zirconium	91-1	875769	883760	888446	882658	0.73	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1400944	1369050	1406202	1392065	1.44	cps
Antimony	121-1	4858084	5175966	5213601	5082550	3.84	cps
Arsenic	75-1	1190085	1267015	1272512	1243204	3.71	cps
Barium	135-1	5584466	5772671	5820773	5725970	2.18	cps
Barium	137-1	9466703	10015561	10027106	9836456	3.26	cps
Beryllium	9-1	967364	1020338	1028626	1005443	3.31	cps
Bismuth	209-1	9898828	10521749	10404855	10275144	3.22	cps
Bismuth	209-2	6735562	6430022	6478152	6547912	2.51	cps
Boron	10-1	116236	124006	130687	123643	5.85	cps
Boron	11-1	554037	587158	605768	582321	4.50	cps
Cadmium	111-1	1169457	1235749	1260246	1221817	3.84	cps
Cadmium	106-1	128780	137180	141874	135944	4.88	cps
Cadmium	108-1	87796	93679	93792	91756	3.74	cps
Calcium	43-1	1372115	1434505	1475154	1427258	3.64	cps
Calcium	44-1	22325020	23306303	23775183	23135502	3.20	cps
Chromium	52-2	1970324	1904063	1966716	1947034	1.91	cps
Cobalt	59-2	2992319	2891571	2974207	2952699	1.82	cps
Copper	63-2	4127947	4033552	4147131	4102877	1.48	cps
Dysprosium	156-1	125	100	50	92	41.66	cps
Dysprosium	156-2	120	70	67	86	34.92	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	27	40	43	37	24.04	cps
Gadolinium	160-1	158	167	92	139	29.60	cps
Gadolinium	160-2	193	180	230	201	12.88	cps
Holmium	165-1	15453045	16250312	16031404	15911587	2.59	cps
Holmium	165-2	9390622	8952986	9098803	9147470	2.44	cps
Indium	115-1	11843018	12597161	12361821	12267333	3.15	cps
Indium	115-2	3579548	3388270	3411530	3459783	3.02	cps
Iron	56-2	86520582	83575035	86409749	85501789	1.95	cps
Iron	57-2	2124808	2062311	2123850	2103656	1.70	cps
Krypton	83-1	657	663	623	648	3.31	cps
Lead	206-1	3683596	3889457	3995758	3856270	4.12	cps
Lead	207-1	3292563	3461124	3550646	3434778	3.82	cps
Lead	208-1	14792291	15602596	15916994	15437293	3.76	cps
Lithium	6-1	2657959	2752592	2749451	2720001	1.98	cps
Magnesium	24-2	15106687	14661723	14885133	14884515	1.49	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2478943	2428011	2497945	2468300	1.47	cps
Molybdenum	94-1	9611958	10234384	10338010	10061450	3.90	cps
Molybdenum	95-1	11927929	12700750	12907149	12511943	4.13	cps
Molybdenum	96-1	13298357	13954832	14219404	13824198	3.43	cps
Molybdenum	97-1	7501180	7829892	8014540	7781871	3.34	cps
Molybdenum	98-1	19568330	20321579	20662535	20184148	2.77	cps
Neodymium	150-1	360	360	440	387	11.94	cps
Neodymium	150-2	57	60	33	50	29.06	cps
Nickel	60-2	766171	748103	766174	760149	1.37	cps
Phosphorus	31-2	85706	84204	86761	85557	1.50	cps
Potassium	39-2	8980420	8662498	8840705	8827874	1.81	cps
Rhodium	103-1	11523646	12073191	11978333	11858390	2.48	cps
Rhodium	103-2	6395008	6069735	6113259	6192668	2.85	cps
Scandium	45-1	7712836	8104788	8061618	7959747	2.70	cps
Scandium	45-2	537418	512958	515598	521992	2.57	cps
Selenium	77-2	5831	5788	5991	5870	1.83	cps
Selenium	78-2	19880	19064	20110	19685	2.79	cps
Selenium	82-1	72889	77112	77716	75906	3.46	cps
Silicon	28-1	3700786	3913409	3971507	3861901	3.69	cps
Silver	109-1	5630541	5970283	5976431	5859085	3.38	cps
Silver	107-1	5885330	6284953	6257098	6142460	3.63	cps
Sodium	23-2	28402208	27675801	28329659	28135889	1.42	cps
Strontium	86-1	1459700	1545715	1558188	1521201	3.53	cps
Strontium	88-1	12877323	13598566	13823494	13433128	3.68	cps
Sulfur	34-1	1417030	1476207	1485392	1459543	2.54	cps
Terbium	159-1	15842621	16808240	16591289	16414050	3.09	cps
Terbium	159-2	9589318	9088239	9152476	9276678	2.94	cps
Thallium	203-1	4540751	4829663	4860115	4743509	3.72	cps
Thallium	205-1	10781469	11282805	11523929	11196068	3.38	cps
Tin	118-1	3744984	3978274	3978844	3900701	3.46	cps
Titanium	47-1	3289095	3456828	3472301	3406075	2.98	cps
Uranium	238-1	15547487	16706726	16806668	16353627	4.28	cps
Vanadium	51-2	1628755	1586071	1631206	1615344	1.57	cps
Yttrium	89-1	12831598	13562477	13449282	13281119	2.96	cps
Yttrium	89-2	2781628	2677100	2685136	2714621	2.14	cps
Zinc	66-2	664133	649309	666729	660057	1.42	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:29:47	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7880882	8449691	8478430	8269668	4.08	cps
Zirconium	91-1	1747053	1868155	1868702	1827970	3.83	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2630908	2639833	2644665	2638469	0.26	cps
Antimony	121-1	9823916	9727414	9844502	9798611	0.64	cps
Arsenic	75-1	2437094	2386906	2428667	2417556	1.11	cps
Barium	135-1	11166165	11053402	11230491	11150019	0.80	cps
Barium	137-1	19336853	19014319	19299086	19216752	0.92	cps
Beryllium	9-1	1909586	1905653	1905889	1907043	0.12	cps
Bismuth	209-1	10192403	10042497	9836399	10023767	1.78	cps
Bismuth	209-2	6439529	6402703	6339931	6394054	0.79	cps
Boron	10-1	230039	232447	235490	232658	1.17	cps
Boron	11-1	1089562	1092506	1110096	1097388	1.01	cps
Cadmium	111-1	2355818	2329435	2344760	2343337	0.57	cps
Cadmium	106-1	260322	251803	255394	255840	1.67	cps
Cadmium	108-1	171387	173423	174174	172995	0.83	cps
Calcium	43-1	2779883	2744682	2769206	2764590	0.65	cps
Calcium	44-1	45204023	44679123	45114599	44999248	0.62	cps
Chromium	52-2	3696217	3696993	3736513	3709908	0.62	cps
Cobalt	59-2	5605329	5507971	5511368	5541556	1.00	cps
Copper	63-2	7551043	7519735	7652310	7574363	0.91	cps
Dysprosium	156-1	175	242	183	200	18.16	cps
Dysprosium	156-2	137	123	160	140	13.25	cps
Erbium	164-1	58	75	108	81	31.60	cps
Erbium	164-2	27	37	33	32	15.80	cps
Gadolinium	160-1	183	158	175	172	7.39	cps
Gadolinium	160-2	220	203	243	222	9.04	cps
Holmium	165-1	15856774	15631131	15399461	15629122	1.46	cps
Holmium	165-2	9079572	8972749	8843812	8965377	1.32	cps
Indium	115-1	12041456	11943622	11781861	11922313	1.10	cps
Indium	115-2	3304277	3297491	3265347	3289038	0.63	cps
Iron	56-2	161137287	161750493	162069420	161652400	0.29	cps
Iron	57-2	4023049	4050751	4056247	4043349	0.44	cps
Krypton	83-1	637	670	730	679	6.97	cps
Lead	206-1	7380759	7423202	7371300	7391753	0.37	cps
Lead	207-1	6695181	6650859	6686564	6677535	0.35	cps
Lead	208-1	29825852	29841363	29924430	29863882	0.18	cps
Lithium	6-1	2692349	2666953	2613262	2657521	1.52	cps
Magnesium	24-2	28026570	28042325	28030206	28033034	0.03	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4681281	4710284	4737681	4709749	0.60	cps
Molybdenum	94-1	19716306	19494171	19727108	19645862	0.67	cps
Molybdenum	95-1	24587701	24275972	24522453	24462042	0.67	cps
Molybdenum	96-1	27353181	27186733	27078955	27206289	0.51	cps
Molybdenum	97-1	15358811	15146262	15337932	15281002	0.77	cps
Molybdenum	98-1	39369498	38971539	39690459	39343832	0.92	cps
Neodymium	150-1	707	633	673	671	5.47	cps
Neodymium	150-2	80	93	113	96	17.56	cps
Nickel	60-2	1417100	1427112	1446720	1430311	1.05	cps
Phosphorus	31-2	163933	165325	161911	163723	1.05	cps
Potassium	39-2	16598163	16597208	16562552	16585974	0.12	cps
Rhodium	103-1	11648595	11456935	11397075	11500868	1.14	cps
Rhodium	103-2	5934879	5910434	5818334	5887882	1.04	cps
Scandium	45-1	7998321	7752426	7653471	7801406	2.28	cps
Scandium	45-2	502071	501862	491567	498500	1.20	cps
Selenium	77-2	11148	10884	11248	11093	1.69	cps
Selenium	78-2	36713	36958	37775	37149	1.50	cps
Selenium	82-1	147001	143519	147403	145974	1.46	cps
Silicon	28-1	7029553	6995822	7095934	7040436	0.72	cps
Silver	109-1	11119170	11150463	11259688	11176440	0.66	cps
Silver	107-1	11758161	11619364	11796593	11724706	0.80	cps
Sodium	23-2	53085177	53083302	53176387	53114955	0.10	cps
Strontium	86-1	2957819	2939394	2964403	2953872	0.44	cps
Strontium	88-1	26068116	25764092	26389529	26073912	1.20	cps
Sulfur	34-1	2295777	2256166	2262453	2271466	0.94	cps
Terbium	159-1	16327006	16237064	16105604	16223225	0.69	cps
Terbium	159-2	9119831	9116127	8922818	9052925	1.24	cps
Thallium	203-1	9127940	9115226	9093186	9112117	0.19	cps
Thallium	205-1	21879585	21874692	21644082	21799453	0.62	cps
Tin	118-1	7546757	7513171	7569170	7543033	0.37	cps
Titanium	47-1	6658082	6515159	6579888	6584376	1.09	cps
Uranium	238-1	32451661	32008923	32537854	32332813	0.88	cps
Vanadium	51-2	3074358	3124543	3128591	3109164	0.97	cps
Yttrium	89-1	13076571	13046885	12929519	13017658	0.60	cps
Yttrium	89-2	2631195	2640539	2606502	2626079	0.67	cps
Zinc	66-2	1227607	1244607	1257861	1243358	1.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:33:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16000130	15935569	16153510	16029736	0.70	cps
Zirconium	91-1	3568349	3556067	3610088	3578168	0.79	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15502170	15585961	15014888	15367673	2.01	cps
Antimony	121-1	14650	16410	17995	16352	10.23	cps
Arsenic	75-1	5616	5596	6084	5765	4.78	cps
Barium	135-1	3451	3609	3867	3642	5.78	cps
Barium	137-1	5860	6227	7186	6424	10.66	cps
Beryllium	9-1	422	406	394	407	3.43	cps
Bismuth	209-1	9222671	9646849	9847016	9572179	3.33	cps
Bismuth	209-2	6164116	6115573	5577077	5952255	5.47	cps
Boron	10-1	9137	7719	6368	7741	17.88	cps
Boron	11-1	41057	34223	31266	35516	14.14	cps
Cadmium	111-1	3950	4129	4446	4175	6.02	cps
Cadmium	106-1	5268	5568	5910	5582	5.75	cps
Cadmium	108-1	42	50	58	50	16.66	cps
Calcium	43-1	14809596	15110739	16422500	15447612	5.55	cps
Calcium	44-1	241299530	246340297	268036573	251892133	5.64	cps
Chromium	52-2	180213	178600	172389	177068	2.33	cps
Cobalt	59-2	76002	76555	73587	75382	2.09	cps
Copper	63-2	17918	18078	17384	17793	2.04	cps
Dysprosium	156-1	117	133	125	125	6.67	cps
Dysprosium	156-2	43	50	40	44	11.46	cps
Erbium	164-1	67	100	100	89	21.65	cps
Erbium	164-2	43	37	30	37	18.18	cps
Gadolinium	160-1	167	267	167	200	28.87	cps
Gadolinium	160-2	263	250	207	240	12.35	cps
Holmium	165-1	15320864	15710736	16294507	15775369	3.11	cps
Holmium	165-2	9129005	9021544	8215195	8788581	5.68	cps
Indium	115-1	11411244	11800826	12237526	11816532	3.50	cps
Indium	115-2	3400640	3311259	3025836	3245912	6.03	cps
Iron	56-2	900991620	901596442	867732508	890106857	2.18	cps
Iron	57-2	22046991	22075530	21103801	21742107	2.54	cps
Krypton	83-1	673	743	657	691	6.65	cps
Lead	206-1	16839	19086	18758	18228	6.66	cps
Lead	207-1	14770	15303	16477	15517	5.63	cps
Lead	208-1	67641	71999	74327	71323	4.76	cps
Lithium	6-1	2726798	2803281	2976577	2835552	4.51	cps
Magnesium	24-2	158132912	157728645	151949574	155937044	2.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25836	26077	25743	25885	0.67	cps
Molybdenum	94-1	22085	22310	23562	22652	3.51	cps
Molybdenum	95-1	35312	36330	39004	36882	5.17	cps
Molybdenum	96-1	43559	41896	46569	44008	5.38	cps
Molybdenum	97-1	22018	22953	24489	23153	5.39	cps
Molybdenum	98-1	56371	58673	63468	59504	6.08	cps
Neodymium	150-1	87	113	133	111	21.07	cps
Neodymium	150-2	50	37	53	47	18.89	cps
Nickel	60-2	55438	56117	54438	55331	1.53	cps
Phosphorus	31-2	733	1017	1000	917	17.34	cps
Potassium	39-2	94740723	95858692	92347950	94315788	1.90	cps
Rhodium	103-1	10749652	11035112	11573926	11119563	3.76	cps
Rhodium	103-2	5779425	5697086	5166041	5547517	6.00	cps
Scandium	45-1	7929807	8079093	8518049	8175650	3.74	cps
Scandium	45-2	540898	532717	485382	519665	5.77	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	124	169	163	152	15.95	cps
Selenium	82-1	134	36	166	112	60.62	cps
Silicon	28-1	1297655	1317232	1339790	1318226	1.60	cps
Silver	109-1	1050	1200	1050	1100	7.87	cps
Silver	107-1	1083	950	1408	1147	20.55	cps
Sodium	23-2	306653307	308777365	297622123	304350932	1.95	cps
Strontium	86-1	103590	107441	116376	109136	6.01	cps
Strontium	88-1	899466	938513	1008154	948711	5.80	cps
Sulfur	34-1	489040	498940	512740	500240	2.38	cps
Terbium	159-1	15846395	16319061	16843141	16336199	3.05	cps
Terbium	159-2	9211268	9112195	8296054	8873172	5.66	cps
Thallium	203-1	3367	3851	3592	3603	6.71	cps
Thallium	205-1	8061	8411	9395	8623	8.02	cps
Tin	118-1	10379	11705	11647	11244	6.66	cps
Titanium	47-1	1784	1900	1842	1842	3.17	cps
Uranium	238-1	1675	1784	2125	1861	12.62	cps
Vanadium	51-2	1367	1217	1277	1287	5.87	cps
Yttrium	89-1	12809119	13325290	13834171	13322860	3.85	cps
Yttrium	89-2	2741816	2716930	2444235	2634327	6.27	cps
Zinc	66-2	9310	8816	8653	8926	3.83	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:37:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3776	4142	4476	4131	8.48	cps
Zirconium	91-1	883	858	1083	942	13.10	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:54:09 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82571	81137	82964	82224	1.17	cps
Antimony	121-1	1859091	1918650	1949481	1909074	2.41	cps
Arsenic	75-1	493025	509121	510615	504254	1.93	cps
Barium	135-1	213465	219790	224609	219288	2.55	cps
Barium	137-1	371093	383578	387436	380702	2.24	cps
Beryllium	9-1	203204	206654	210532	206797	1.77	cps
Bismuth	209-1	10509662	10637746	10565605	10571004	0.61	cps
Bismuth	209-2	6675853	6766416	6798083	6746784	0.94	cps
Boron	10-1	125409	126316	131864	127863	2.73	cps
Boron	11-1	586723	600257	607494	598158	1.76	cps
Cadmium	111-1	242352	245672	252780	246935	2.16	cps
Cadmium	106-1	44011	45166	44713	44630	1.30	cps
Cadmium	108-1	22831	23278	23486	23199	1.44	cps
Calcium	43-1	65747	65262	66985	65998	1.35	cps
Calcium	44-1	1016593	1021571	1044962	1027709	1.47	cps
Chromium	52-2	395673	386264	400361	394099	1.82	cps
Cobalt	59-2	618953	597696	617824	611491	1.96	cps
Copper	63-2	429102	413642	427124	423289	1.99	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	117	83	142	114	25.69	cps
Erbium	164-2	53	63	83	67	22.92	cps
Gadolinium	160-1	150	100	100	117	24.74	cps
Gadolinium	160-2	167	177	260	201	25.48	cps
Holmium	165-1	15605734	15856685	15711454	15724624	0.80	cps
Holmium	165-2	9076638	9142619	9321077	9180111	1.38	cps
Indium	115-1	12779323	12725216	12826222	12776920	0.40	cps
Indium	115-2	3563959	3548522	3672869	3595117	1.89	cps
Iron	56-2	3583757	3459237	3613544	3552179	2.30	cps
Iron	57-2	87763	84694	87723	86727	2.03	cps
Krypton	83-1	650	720	690	687	5.11	cps
Lead	206-1	1448921	1505616	1509430	1487989	2.28	cps
Lead	207-1	1252776	1280373	1288535	1273895	1.47	cps
Lead	208-1	5803100	5977397	5993629	5924709	1.78	cps
Lithium	6-1	3036249	2984369	2936063	2985560	1.68	cps
Magnesium	24-2	377673	367334	382519	375842	2.06	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:54:09 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	258072	249540	259870	255827	2.16	cps
Molybdenum	94-1	4114305	4239684	4303281	4219090	2.28	cps
Molybdenum	95-1	2281019	2363406	2403135	2349187	2.65	cps
Molybdenum	96-1	2888076	2994732	3054808	2979205	2.83	cps
Molybdenum	97-1	1416192	1447598	1481151	1448314	2.24	cps
Molybdenum	98-1	3722917	3790476	3844371	3785922	1.61	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	161034	157480	161636	160050	1.40	cps
Phosphorus	31-2	825	958	975	920	8.94	cps
Potassium	39-2	823412	805441	826261	818371	1.38	cps
Rhodium	103-1	12801309	12701554	12709798	12737554	0.43	cps
Rhodium	103-2	6446483	6434104	6572522	6484370	1.18	cps
Scandium	45-1	8674485	8696109	8652735	8674443	0.25	cps
Scandium	45-2	571883	570948	577338	573390	0.60	cps
Selenium	77-2	2527	2364	2600	2497	4.85	cps
Selenium	78-2	8108	7891	8243	8081	2.20	cps
Selenium	82-1	30151	30519	30849	30506	1.15	cps
Silicon	28-1	3638535	3734840	3766965	3713446	1.80	cps
Silver	109-1	1134421	1147789	1170529	1150913	1.59	cps
Silver	107-1	1185878	1214760	1226089	1208909	1.72	cps
Sodium	23-2	1226625	1211439	1247588	1228551	1.48	cps
Strontium	86-1	1407692	1444293	1462832	1438272	1.95	cps
Strontium	88-1	12574203	12822450	12950361	12782338	1.50	cps
Sulfur	34-1	536222	542563	538912	539232	0.59	cps
Terbium	159-1	16388421	16364973	16545621	16433005	0.60	cps
Terbium	159-2	9185768	9241134	9382869	9269924	1.10	cps
Thallium	203-1	1765401	1853445	1841934	1820260	2.63	cps
Thallium	205-1	4384631	4475388	4514462	4458161	1.49	cps
Tin	118-1	3487682	3607209	3615698	3570196	2.01	cps
Titanium	47-1	650563	676135	679300	668666	2.36	cps
Uranium	238-1	14977011	15250896	15335595	15187834	1.23	cps
Vanadium	51-2	333477	324468	334487	330811	1.67	cps
Yttrium	89-1	13959101	13925086	13952890	13945692	0.13	cps
Yttrium	89-2	2856447	2813345	2894547	2854780	1.42	cps
Zinc	66-2	137808	132926	139877	136870	2.61	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:54:09	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7787280	7935423	7955826	7892843	1.17	cps
Zirconium	91-1	1701143	1733911	1764253	1733102	1.82	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	158	125	144	12.01	cps
Antimony	121-1	692	775	825	764	8.82	cps
Arsenic	75-1	1648	1661	1850	1720	6.57	cps
Barium	135-1	25	67	33	42	52.92	cps
Barium	137-1	92	67	67	75	19.24	cps
Beryllium	9-1	161	117	111	130	21.14	cps
Bismuth	209-1	9783023	9978076	9444736	9735278	2.77	cps
Bismuth	209-2	6368214	6639300	6626856	6544790	2.34	cps
Boron	10-1	3559	3225	2634	3139	14.93	cps
Boron	11-1	16343	14758	13081	14727	11.07	cps
Cadmium	111-1	3232	3488	3191	3303	4.88	cps
Cadmium	106-1	4601	4976	4551	4709	4.93	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	308	417	400	375	15.56	cps
Calcium	44-1	21350	22042	21258	21550	1.99	cps
Chromium	52-2	557	543	580	560	3.31	cps
Cobalt	59-2	107	110	117	111	4.58	cps
Copper	63-2	1083	1170	1050	1101	5.63	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	83	58	75	19.24	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	150	133	117	133	12.50	cps
Gadolinium	160-2	203	240	213	219	8.66	cps
Holmium	165-1	14591946	15009650	14132021	14577872	3.01	cps
Holmium	165-2	8672338	9040108	9018434	8910293	2.32	cps
Indium	115-1	11843984	12366249	11591517	11933917	3.31	cps
Indium	115-2	3431374	3609468	3611610	3550817	2.91	cps
Iron	56-2	8936	7975	8569	8493	5.71	cps
Iron	57-2	761	722	811	765	5.83	cps
Krypton	83-1	670	830	733	744	10.82	cps
Lead	206-1	622	733	739	698	9.43	cps
Lead	207-1	628	733	661	674	8.01	cps
Lead	208-1	2917	3006	2861	2928	2.49	cps
Lithium	6-1	2626914	2680639	2501475	2603009	3.53	cps
Magnesium	24-2	542	492	500	511	5.24	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	80	70	83	18.33	cps
Molybdenum	94-1	417	500	442	453	9.44	cps
Molybdenum	95-1	200	300	225	242	21.54	cps
Molybdenum	96-1	450	400	367	406	10.34	cps
Molybdenum	97-1	242	200	258	233	12.88	cps
Molybdenum	98-1	550	458	367	458	20.00	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	30	37	46	47.04	cps
Phosphorus	31-2	1000	783	883	889	12.20	cps
Potassium	39-2	81256	79772	81466	80831	1.14	cps
Rhodium	103-1	11874252	12268776	11547513	11896847	3.04	cps
Rhodium	103-2	6228001	6520757	6524791	6424516	2.65	cps
Scandium	45-1	8073657	8370620	7913709	8119329	2.86	cps
Scandium	45-2	550446	578536	573024	567335	2.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	163	183	181	176	6.40	cps
Selenium	82-1	36	-195	-30	-63	-189.53	cps
Silicon	28-1	508403	506080	500073	504852	0.85	cps
Silver	109-1	117	125	192	144	28.46	cps
Silver	107-1	183	183	233	200	14.43	cps
Sodium	23-2	55888	57846	57561	57098	1.85	cps
Strontium	86-1	1008	1058	1150	1072	6.70	cps
Strontium	88-1	242	217	250	236	7.35	cps
Sulfur	34-1	543423	551771	541745	545646	0.98	cps
Terbium	159-1	15106006	15637364	14784364	15175911	2.84	cps
Terbium	159-2	8735335	9232467	9150230	9039344	2.95	cps
Thallium	203-1	217	167	183	189	13.48	cps
Thallium	205-1	458	300	475	411	23.49	cps
Tin	118-1	1725	2034	1700	1820	10.20	cps
Titanium	47-1	200	192	258	217	16.77	cps
Uranium	238-1	133	250	183	189	30.99	cps
Vanadium	51-2	30	10	43	28	60.40	cps
Yttrium	89-1	12928875	13421345	12639442	12996554	3.04	cps
Yttrium	89-2	2720929	2847553	2852424	2806969	2.66	cps
Zinc	66-2	583	397	280	420	36.43	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	942	783	925	883	9.85	cps
Zirconium	91-1	167	250	208	208	20.00	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14893127	14111579	14366903	14457203	2.76	cps
Antimony	121-1	13774	13799	13799	13791	0.10	cps
Arsenic	75-1	2424	3048	2719	2730	11.44	cps
Barium	135-1	3867	4051	3709	3876	4.41	cps
Barium	137-1	6318	6844	6302	6488	4.75	cps
Beryllium	9-1	611	606	644	620	3.39	cps
Bismuth	209-1	10166296	10404986	9844488	10138590	2.77	cps
Bismuth	209-2	6362766	6250580	6156369	6256572	1.65	cps
Boron	10-1	2909	2975	2134	2673	17.51	cps
Boron	11-1	15383	13406	12022	13604	12.42	cps
Cadmium	111-1	4730	4948	4465	4715	5.13	cps
Cadmium	106-1	4876	5368	4934	5059	5.31	cps
Cadmium	108-1	2167	2329	2038	2178	6.71	cps
Calcium	43-1	3123965	3255386	3117145	3165499	2.46	cps
Calcium	44-1	51206596	53078957	50909021	51731525	2.27	cps
Chromium	52-2	92298	87555	87904	89252	2.96	cps
Cobalt	59-2	8136	7612	7442	7730	4.68	cps
Copper	63-2	36850	34872	35720	35814	2.77	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	33	30	30	31	6.18	cps
Erbium	164-1	83	125	92	100	22.05	cps
Erbium	164-2	50	17	43	37	48.10	cps
Gadolinium	160-1	192	133	158	161	18.17	cps
Gadolinium	160-2	273	253	270	266	4.04	cps
Holmium	165-1	16357338	16883720	15862425	16367828	3.12	cps
Holmium	165-2	9418819	9142272	9097328	9219473	1.89	cps
Indium	115-1	12986510	13424547	12798259	13069772	2.46	cps
Indium	115-2	3641405	3557547	3503307	3567420	1.95	cps
Iron	56-2	386279798	370022197	368731619	375011205	2.61	cps
Iron	57-2	9437124	8998263	9087753	9174380	2.53	cps
Krypton	83-1	667	627	570	621	7.82	cps
Lead	206-1	37492	38657	37966	38038	1.54	cps
Lead	207-1	30497	30592	29038	30042	2.90	cps
Lead	208-1	140247	144763	139082	141364	2.12	cps
Lithium	6-1	2683115	2690439	2530246	2634600	3.43	cps
Magnesium	24-2	32667391	31192020	31610918	31823443	2.39	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22301	21693	21496	21830	1.92	cps
Molybdenum	94-1	6078566	6279857	5980633	6113019	2.50	cps
Molybdenum	95-1	10723173	11125873	10604909	10817985	2.52	cps
Molybdenum	96-1	11489139	11962358	11330217	11593905	2.84	cps
Molybdenum	97-1	6668133	6923625	6663386	6751715	2.21	cps
Molybdenum	98-1	17231987	17881810	17206972	17440256	2.19	cps
Neodymium	150-1	40	27	60	42	39.73	cps
Neodymium	150-2	10	23	7	13	66.12	cps
Nickel	60-2	9910	9610	9470	9663	2.33	cps
Phosphorus	31-2	965742	918230	926691	936888	2.71	cps
Potassium	39-2	39860754	38055121	38446228	38787368	2.45	cps
Rhodium	103-1	12215373	12657396	12003501	12292090	2.71	cps
Rhodium	103-2	6284035	6217304	6068218	6189852	1.79	cps
Scandium	45-1	8507186	8769230	8286444	8520954	2.84	cps
Scandium	45-2	559016	542268	539472	546919	1.93	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	144	157	172	158	8.80	cps
Selenium	82-1	123	113	107	114	7.48	cps
Silicon	28-1	624705	623201	605693	617866	1.71	cps
Silver	109-1	1850	1950	1725	1842	6.12	cps
Silver	107-1	1659	1809	2059	1842	10.97	cps
Sodium	23-2	62137741	59607756	60367118	60704205	2.14	cps
Strontium	86-1	112902	118319	114303	115175	2.44	cps
Strontium	88-1	996841	1035067	1001564	1011157	2.06	cps
Sulfur	34-1	4117430	4258887	4050601	4142306	2.57	cps
Terbium	159-1	16872274	17447473	16367525	16895757	3.20	cps
Terbium	159-2	9602217	9318889	9140688	9353932	2.49	cps
Thallium	203-1	2225	2242	2384	2284	3.81	cps
Thallium	205-1	4918	5710	5268	5299	7.49	cps
Tin	118-1	2592	2709	2575	2625	2.77	cps
Titanium	47-1	2997891	3142104	2996269	3045421	2.75	cps
Uranium	238-1	875	800	700	792	11.09	cps
Vanadium	51-2	543	630	630	601	8.32	cps
Yttrium	89-1	14054524	14507597	13967082	14176401	2.05	cps
Yttrium	89-2	2847497	2778599	2736425	2787507	2.01	cps
Zinc	66-2	10164	9220	9463	9616	5.10	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:11:52	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1225	1458	1508	1397	10.82	cps
Zirconium	91-1	283	225	308	272	15.71	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:15:28 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13522159	13960439	13934582	13805727	1.78	cps
Antimony	121-1	219482	208612	209105	212400	2.89	cps
Arsenic	75-1	54282	53374	53571	53742	0.89	cps
Barium	135-1	51028	48703	48285	49339	3.00	cps
Barium	137-1	89573	84634	84491	86232	3.36	cps
Beryllium	9-1	39006	36055	36021	37027	4.63	cps
Bismuth	209-1	10120403	9626210	9698709	9815107	2.72	cps
Bismuth	209-2	6249128	6352092	6218084	6273101	1.12	cps
Boron	10-1	13140	12297	12389	12609	3.67	cps
Boron	11-1	63443	58657	57945	60015	4.98	cps
Cadmium	111-1	55063	51905	53825	53598	2.97	cps
Cadmium	106-1	12231	10663	10888	11261	7.53	cps
Cadmium	108-1	6122	5947	6064	6044	1.48	cps
Calcium	43-1	2998381	2869308	2915742	2927811	2.23	cps
Calcium	44-1	48926516	46937281	47599273	47821023	2.12	cps
Chromium	52-2	163675	168757	167507	166646	1.59	cps
Cobalt	59-2	128074	133334	132971	131460	2.23	cps
Copper	63-2	116884	119887	120946	119239	1.77	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	23	40	37	33	26.47	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	43	57	50	50	13.34	cps
Gadolinium	160-1	167	75	75	106	50.14	cps
Gadolinium	160-2	240	223	190	218	11.69	cps
Holmium	165-1	16361771	15596560	15553878	15837403	2.87	cps
Holmium	165-2	9132325	9476144	9151530	9253333	2.09	cps
Indium	115-1	13122518	12493773	12466126	12694139	2.92	cps
Indium	115-2	3533476	3647928	3532787	3571397	1.86	cps
Iron	56-2	355491175	365143375	364682675	361772408	1.50	cps
Iron	57-2	8632611	8925724	8898721	8819019	1.84	cps
Krypton	83-1	693	687	670	683	1.76	cps
Lead	206-1	192604	182660	184379	186547	2.85	cps
Lead	207-1	159415	149787	152426	153876	3.23	cps
Lead	208-1	741003	697819	710783	716535	3.09	cps
Lithium	6-1	2389966	2319335	2305178	2338159	1.94	cps
Magnesium	24-2	30089768	30723881	30728469	30514040	1.20	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:15:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	71989	74341	73882	73404	1.70	cps
Molybdenum	94-1	6275634	6040753	6121545	6145977	1.94	cps
Molybdenum	95-1	10638533	10063200	10347091	10349608	2.78	cps
Molybdenum	96-1	11417641	10724014	10969218	11036958	3.19	cps
Molybdenum	97-1	6657848	6224166	6318263	6400092	3.56	cps
Molybdenum	98-1	17200336	16053251	16293112	16515566	3.66	cps
Neodymium	150-1	60	47	60	56	13.85	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	39988	41659	41820	41156	2.46	cps
Phosphorus	31-2	883588	910874	905479	899980	1.61	cps
Potassium	39-2	36476656	37593373	37412951	37160993	1.61	cps
Rhodium	103-1	12397474	11633686	11646501	11892554	3.68	cps
Rhodium	103-2	6219344	6404832	6236090	6286755	1.63	cps
Scandium	45-1	8417531	7991706	8101095	8170111	2.71	cps
Scandium	45-2	548365	565566	547189	553707	1.86	cps
Selenium	77-2	237	250	247	244	2.84	cps
Selenium	78-2	1035	1033	1017	1028	0.99	cps
Selenium	82-1	3223	3089	3219	3177	2.40	cps
Silicon	28-1	924930	895902	890044	903625	2.07	cps
Silver	109-1	228424	217483	224067	223325	2.47	cps
Silver	107-1	244538	228824	233988	235784	3.40	cps
Sodium	23-2	57454512	58950583	58727943	58377679	1.38	cps
Strontium	86-1	270089	260382	261175	263882	2.04	cps
Strontium	88-1	2379357	2296515	2297695	2324522	2.04	cps
Sulfur	34-1	3876187	3685534	3702898	3754873	2.81	cps
Terbium	159-1	16859228	15866536	15986637	16237467	3.34	cps
Terbium	159-2	9306626	9486591	9305110	9366109	1.11	cps
Thallium	203-1	192626	181837	185199	186554	2.96	cps
Thallium	205-1	457836	439407	440983	446075	2.29	cps
Tin	118-1	389318	369572	376287	378392	2.65	cps
Titanium	47-1	2994371	2796451	2856192	2882338	3.52	cps
Uranium	238-1	1589437	1520776	1536718	1548977	2.32	cps
Vanadium	51-2	67853	69754	69544	69050	1.51	cps
Yttrium	89-1	14136894	13589685	13520543	13749040	2.46	cps
Yttrium	89-2	2790766	2876354	2798968	2822029	1.67	cps
Zinc	66-2	22351	22337	22701	22463	0.92	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:15:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	873817	836820	840407	850348	2.40	cps
Zirconium	91-1	193312	184907	185922	188047	2.44	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6973644	7310605	7540507	7274919	3.92	cps
Antimony	121-1	5069500	5364490	5218171	5217387	2.83	cps
Arsenic	75-1	1275414	1323729	1318053	1305732	2.02	cps
Barium	135-1	5720363	6032603	5895561	5882842	2.66	cps
Barium	137-1	10025947	10500442	10234351	10253580	2.32	cps
Beryllium	9-1	924320	975517	957923	952587	2.73	cps
Bismuth	209-1	10286725	10413430	10103307	10267821	1.52	cps
Bismuth	209-2	6041208	6358644	6356100	6251984	2.92	cps
Boron	10-1	110722	119740	120226	116896	4.58	cps
Boron	11-1	531223	570916	569042	557060	4.02	cps
Cadmium	111-1	1203414	1264708	1235359	1234494	2.48	cps
Cadmium	106-1	130700	140451	135342	135498	3.60	cps
Cadmium	108-1	87193	91792	91956	90314	2.99	cps
Calcium	43-1	7298930	7641735	7487018	7475895	2.30	cps
Calcium	44-1	119031153	125220057	121464478	121905229	2.56	cps
Chromium	52-2	1986015	2079264	2119622	2061634	3.32	cps
Cobalt	59-2	2850641	2987974	3081196	2973270	3.90	cps
Copper	63-2	3814209	4004488	4083500	3967399	3.49	cps
Dysprosium	156-1	133	117	117	122	7.87	cps
Dysprosium	156-2	97	103	110	103	6.45	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	20	37	30	29	29.04	cps
Gadolinium	160-1	167	250	133	183	32.78	cps
Gadolinium	160-2	243	247	217	236	6.98	cps
Holmium	165-1	16754932	17108008	16521072	16794671	1.76	cps
Holmium	165-2	8842105	9186115	9241645	9089955	2.38	cps
Indium	115-1	12879591	13262101	12790964	12977552	1.93	cps
Indium	115-2	3323131	3473748	3443116	3413332	2.33	cps
Iron	56-2	413630409	430119210	441649988	428466536	3.29	cps
Iron	57-2	10085551	10481341	10813088	10459993	3.48	cps
Krypton	83-1	633	713	700	682	6.28	cps
Lead	206-1	3661743	3877690	3828857	3789430	2.99	cps
Lead	207-1	3264501	3417845	3383018	3355121	2.40	cps
Lead	208-1	14776571	15399336	15211986	15129298	2.11	cps
Lithium	6-1	2484605	2554162	2449292	2496020	2.14	cps
Magnesium	24-2	72390197	75499212	77585593	75158334	3.48	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2434063	2545061	2620059	2533061	3.69	cps
Molybdenum	94-1	10363792	10819756	10698450	10627333	2.22	cps
Molybdenum	95-1	13028576	13510708	13243963	13261082	1.82	cps
Molybdenum	96-1	14392070	15096302	14816300	14768224	2.40	cps
Molybdenum	97-1	8064865	8476362	8230193	8257140	2.51	cps
Molybdenum	98-1	20711201	21891621	21260755	21287859	2.77	cps
Neodymium	150-1	287	307	413	336	20.29	cps
Neodymium	150-2	77	93	53	74	27.00	cps
Nickel	60-2	738373	771616	794869	768286	3.70	cps
Phosphorus	31-2	84296	89821	93308	89142	5.10	cps
Potassium	39-2	43563610	45507625	46756465	45275900	3.55	cps
Rhodium	103-1	12115686	12494158	12075557	12228467	1.89	cps
Rhodium	103-2	5862927	6132454	6045351	6013577	2.29	cps
Scandium	45-1	8677343	8798689	8421510	8632514	2.23	cps
Scandium	45-2	531963	561205	552554	548574	2.74	cps
Selenium	77-2	5691	5855	6241	5929	4.77	cps
Selenium	78-2	19165	19788	20229	19727	2.71	cps
Selenium	82-1	76928	80207	78762	78632	2.09	cps
Silicon	28-1	3300070	3495410	3471782	3422421	3.12	cps
Silver	109-1	5678103	5993238	5905966	5859102	2.78	cps
Silver	107-1	5929168	6209397	6159403	6099322	2.45	cps
Sodium	23-2	142786307	149586983	153564099	148645796	3.67	cps
Strontium	86-1	1610859	1708148	1647653	1655553	2.97	cps
Strontium	88-1	14322328	14910098	14660146	14630857	2.02	cps
Sulfur	34-1	1352181	1403004	1376374	1377186	1.85	cps
Terbium	159-1	17165401	17632399	16823384	17207061	2.36	cps
Terbium	159-2	8942844	9297782	9278801	9173143	2.18	cps
Thallium	203-1	4569876	4769317	4639777	4659657	2.17	cps
Thallium	205-1	10680710	11371757	11125627	11059365	3.17	cps
Tin	118-1	3908044	4102722	4071149	4027305	2.59	cps
Titanium	47-1	3532678	3677356	3631182	3613739	2.04	cps
Uranium	238-1	16276235	16940695	16471083	16562671	2.06	cps
Vanadium	51-2	1619427	1690041	1740204	1683224	3.60	cps
Yttrium	89-1	14378110	14657422	14177353	14404295	1.67	cps
Yttrium	89-2	2685790	2831592	2811830	2776404	2.85	cps
Zinc	66-2	622538	653669	662931	646379	3.27	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:19:03	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8604025	8883268	8802223	8763172	1.64	cps
Zirconium	91-1	1873908	1958774	1936594	1923092	2.29	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	292	222	27.13	cps
Antimony	121-1	2792	3109	3351	3084	9.08	cps
Arsenic	75-1	1831	1579	1678	1696	7.50	cps
Barium	135-1	58	67	67	64	7.53	cps
Barium	137-1	117	117	92	108	13.32	cps
Beryllium	9-1	161	172	183	172	6.45	cps
Bismuth	209-1	9889204	9802951	9586546	9759567	1.60	cps
Bismuth	209-2	6516357	6742362	6766342	6675020	2.07	cps
Boron	10-1	4467	3842	3601	3970	11.27	cps
Boron	11-1	20323	17819	15942	18028	12.19	cps
Cadmium	111-1	3440	3394	3209	3347	3.65	cps
Cadmium	106-1	4893	4809	4559	4754	3.65	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	550	558	633	581	7.91	cps
Calcium	44-1	26182	26450	26850	26494	1.27	cps
Chromium	52-2	963	977	1090	1010	6.89	cps
Cobalt	59-2	147	103	160	137	21.68	cps
Copper	63-2	1733	1563	1567	1621	6.00	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	30	13	37	27	45.08	cps
Gadolinium	160-1	75	108	150	111	33.82	cps
Gadolinium	160-2	157	230	180	189	19.84	cps
Holmium	165-1	14861676	14671175	14268689	14600513	2.07	cps
Holmium	165-2	8974812	9190569	9300889	9155423	1.81	cps
Indium	115-1	12077483	11941295	11740303	11919694	1.42	cps
Indium	115-2	3491611	3589204	3627567	3569460	1.96	cps
Iron	56-2	15420	12495	16560	14825	14.14	cps
Iron	57-2	783	878	717	793	10.21	cps
Krypton	83-1	673	720	713	702	3.59	cps
Lead	206-1	1928	2095	1683	1902	10.87	cps
Lead	207-1	1622	1511	1739	1624	7.01	cps
Lead	208-1	7751	7373	7212	7445	3.72	cps
Lithium	6-1	2422811	2392881	2312011	2375901	2.41	cps
Magnesium	24-2	1350	1075	1608	1345	19.84	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	110	190	133	37.00	cps
Molybdenum	94-1	1058	975	867	967	9.94	cps
Molybdenum	95-1	1067	858	1058	995	11.86	cps
Molybdenum	96-1	1083	1125	1083	1097	2.19	cps
Molybdenum	97-1	933	600	783	772	21.62	cps
Molybdenum	98-1	1734	1542	1725	1667	6.50	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	53	90	70	71	25.82	cps
Phosphorus	31-2	742	758	700	733	4.10	cps
Potassium	39-2	92445	90115	92194	91585	1.40	cps
Rhodium	103-1	11731570	11702651	11548418	11660879	0.84	cps
Rhodium	103-2	6446092	6581789	6658134	6562005	1.64	cps
Scandium	45-1	7748921	7735834	7510578	7665111	1.75	cps
Scandium	45-2	533182	551192	556260	546878	2.22	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	137	181	143	154	15.75	cps
Selenium	82-1	-13	-67	-39	-40	-68.12	cps
Silicon	28-1	458967	454155	448583	453901	1.14	cps
Silver	109-1	442	375	450	422	9.73	cps
Silver	107-1	517	458	342	439	20.30	cps
Sodium	23-2	90019	88101	88921	89014	1.08	cps
Strontium	86-1	1258	925	1308	1164	17.91	cps
Strontium	88-1	175	333	267	258	30.77	cps
Sulfur	34-1	462529	468553	475332	468804	1.37	cps
Terbium	159-1	15529331	15244359	14927895	15233861	1.97	cps
Terbium	159-2	9136577	9249707	9374841	9253709	1.29	cps
Thallium	203-1	2192	1800	1734	1909	12.98	cps
Thallium	205-1	4384	4218	3867	4156	6.35	cps
Tin	118-1	1375	1200	1317	1297	6.87	cps
Titanium	47-1	175	175	275	208	27.71	cps
Uranium	238-1	217	200	292	236	20.68	cps
Vanadium	51-2	23	43	47	38	33.41	cps
Yttrium	89-1	12888117	12865415	12604294	12785942	1.23	cps
Yttrium	89-2	2744428	2816559	2826485	2795824	1.60	cps
Zinc	66-2	553	587	553	564	3.41	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:22:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	1033	1025	1070	6.53	cps
Zirconium	91-1	192	242	242	225	12.83	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	208	200	175	28.97	cps
Antimony	121-1	175	267	242	228	20.80	cps
Arsenic	75-1	1728	1612	1514	1618	6.61	cps
Barium	135-1	17	33	33	28	34.63	cps
Barium	137-1	58	50	67	58	14.29	cps
Beryllium	9-1	50	61	100	70	37.31	cps
Bismuth	209-1	9413152	9198350	9230840	9280781	1.25	cps
Bismuth	209-2	6063451	6082141	5995435	6047009	0.75	cps
Boron	10-1	2575	2384	1959	2306	13.69	cps
Boron	11-1	11755	10879	9803	10813	9.04	cps
Cadmium	111-1	3373	3213	3086	3224	4.46	cps
Cadmium	106-1	4801	4609	4401	4604	4.35	cps
Cadmium	108-1	13	25	4	14	75.48	cps
Calcium	43-1	358	492	467	439	16.15	cps
Calcium	44-1	20941	23086	21942	21990	4.88	cps
Chromium	52-2	560	613	680	618	9.73	cps
Cobalt	59-2	83	87	83	84	2.28	cps
Copper	63-2	873	907	877	886	2.07	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	17	33	36	58.08	cps
Erbium	164-2	33	40	23	32	26.04	cps
Gadolinium	160-1	67	92	100	86	20.14	cps
Gadolinium	160-2	200	200	210	203	2.84	cps
Holmium	165-1	14533106	14406921	14680477	14540168	0.94	cps
Holmium	165-2	8592223	8610268	8426220	8542904	1.19	cps
Indium	115-1	12201353	12010353	12288121	12166609	1.17	cps
Indium	115-2	3450533	3479305	3377572	3435804	1.53	cps
Iron	56-2	8064	8430	8186	8227	2.27	cps
Iron	57-2	911	839	756	835	9.32	cps
Krypton	83-1	740	737	767	748	2.20	cps
Lead	206-1	300	317	211	276	20.57	cps
Lead	207-1	278	250	261	263	5.32	cps
Lead	208-1	1272	1295	1056	1207	10.93	cps
Lithium	6-1	2218994	2181177	2216646	2205606	0.96	cps
Magnesium	24-2	233	333	300	289	17.63	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	63	90	80	18.17	cps
Molybdenum	94-1	467	308	342	372	22.42	cps
Molybdenum	95-1	150	133	142	142	5.88	cps
Molybdenum	96-1	208	242	225	225	7.41	cps
Molybdenum	97-1	133	142	142	139	3.46	cps
Molybdenum	98-1	267	358	242	289	21.26	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27	40	37	34	20.14	cps
Phosphorus	31-2	975	767	833	858	12.40	cps
Potassium	39-2	84147	83426	83970	83848	0.45	cps
Rhodium	103-1	11987973	12151979	12327413	12155788	1.40	cps
Rhodium	103-2	6283074	6310288	6169579	6254314	1.19	cps
Scandium	45-1	8354486	8341153	8481232	8392291	0.92	cps
Scandium	45-2	571743	584882	567301	574642	1.59	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	150	194	172	172	12.90	cps
Selenium	82-1	-52	-58	-61	-57	-7.29	cps
Silicon	28-1	503201	504145	509737	505694	0.70	cps
Silver	109-1	158	183	142	161	13.02	cps
Silver	107-1	183	233	258	225	16.97	cps
Sodium	23-2	49349	49784	48437	49190	1.40	cps
Strontium	86-1	1200	958	1125	1095	11.30	cps
Strontium	88-1	167	267	217	217	23.08	cps
Sulfur	34-1	566121	566549	574853	569175	0.86	cps
Terbium	159-1	15069742	14802713	15041958	14971471	0.98	cps
Terbium	159-2	8740067	8745426	8497561	8661018	1.63	cps
Thallium	203-1	408	300	308	339	17.79	cps
Thallium	205-1	867	725	808	800	8.90	cps
Tin	118-1	1775	1308	1667	1583	15.43	cps
Titanium	47-1	192	192	225	203	9.49	cps
Uranium	238-1	50	67	50	56	17.32	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	13528291	13281034	13574285	13461203	1.17	cps
Yttrium	89-2	2768272	2798977	2709332	2758861	1.65	cps
Zinc	66-2	340	237	147	241	40.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:54:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	708	808	778	7.75	cps
Zirconium	91-1	142	133	233	169	32.75	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6502	6160	6210	6290	2.94	cps
Antimony	121-1	35755	39782	34986	36841	6.99	cps
Arsenic	75-1	6418	7759	6842	7006	9.78	cps
Barium	135-1	39909	43988	39465	41121	6.06	cps
Barium	137-1	70129	76822	69249	72067	5.75	cps
Beryllium	9-1	3662	3901	3945	3836	3.97	cps
Bismuth	209-1	9575215	10229317	8989601	9598045	6.46	cps
Bismuth	209-2	6031579	6202259	6091184	6108341	1.42	cps
Boron	10-1	11863	14240	11955	12686	10.62	cps
Boron	11-1	58247	65275	58179	60567	6.73	cps
Cadmium	111-1	8058	9226	7538	8274	10.45	cps
Cadmium	106-1	5593	6627	5143	5788	13.15	cps
Cadmium	108-1	350	383	388	374	5.50	cps
Calcium	43-1	28245	31167	28119	29177	5.91	cps
Calcium	44-1	472006	516505	459993	482835	6.17	cps
Chromium	52-2	18211	17103	17841	17719	3.18	cps
Cobalt	59-2	12239	12542	12449	12410	1.25	cps
Copper	63-2	17537	17905	18175	17872	1.79	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	142	133	83	119	26.41	cps
Erbium	164-2	80	33	43	52	47.06	cps
Gadolinium	160-1	108	167	83	119	35.80	cps
Gadolinium	160-2	180	210	233	208	12.87	cps
Holmium	165-1	15086911	15903686	14118536	15036378	5.94	cps
Holmium	165-2	8423510	8561143	8426769	8470474	0.93	cps
Indium	115-1	12620855	13484246	11890906	12665335	6.30	cps
Indium	115-2	3445241	3499052	3464405	3469566	0.79	cps
Iron	56-2	1243907	1252449	1261922	1252759	0.72	cps
Iron	57-2	31891	31184	31690	31588	1.15	cps
Krypton	83-1	683	727	690	700	3.33	cps
Lead	206-1	13391	14564	13457	13804	4.77	cps
Lead	207-1	12562	13135	11789	12495	5.40	cps
Lead	208-1	55202	58195	53004	55467	4.70	cps
Lithium	6-1	2285363	2396014	2182151	2287843	4.67	cps
Magnesium	24-2	305271	306409	311893	307857	1.15	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5705	5451	5751	5636	2.87	cps
Molybdenum	94-1	38771	41244	37743	39252	4.58	cps
Molybdenum	95-1	46561	51294	46251	48035	5.88	cps
Molybdenum	96-1	50717	58355	50215	53095	8.59	cps
Molybdenum	97-1	28939	31619	28839	29799	5.29	cps
Molybdenum	98-1	75050	81233	72091	76125	6.13	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	3417	3347	3611	3458	3.95	cps
Phosphorus	31-2	833	925	967	908	7.51	cps
Potassium	39-2	462392	458483	462935	461270	0.53	cps
Rhodium	103-1	12552522	13520396	11872506	12648475	6.55	cps
Rhodium	103-2	6257761	6387152	6273527	6306147	1.12	cps
Scandium	45-1	8754069	9196643	8258134	8736282	5.37	cps
Scandium	45-2	567189	577469	577360	574006	1.03	cps
Selenium	77-2	177	137	97	137	29.27	cps
Selenium	78-2	554	615	617	595	6.02	cps
Selenium	82-1	1475	1716	1422	1538	10.16	cps
Silicon	28-1	689843	722527	701156	704509	2.36	cps
Silver	109-1	44668	23245	21033	29649	44.03	cps
Silver	107-1	23136	26501	23003	24213	8.19	cps
Sodium	23-2	627551	627414	633009	629325	0.51	cps
Strontium	86-1	6977	6994	6685	6885	2.52	cps
Strontium	88-1	52439	56998	50465	53300	6.29	cps
Sulfur	34-1	583111	604883	586969	591655	1.96	cps
Terbium	159-1	15638973	16772051	14574651	15661891	7.02	cps
Terbium	159-2	8625176	8698556	8600915	8641549	0.59	cps
Thallium	203-1	16820	18221	16077	17039	6.39	cps
Thallium	205-1	38373	41265	38700	39446	4.02	cps
Tin	118-1	71928	79023	70218	73723	6.33	cps
Titanium	47-1	14683	14741	13215	14213	6.09	cps
Uranium	238-1	53353	57018	51554	53975	5.16	cps
Vanadium	51-2	32463	33255	33261	32993	1.39	cps
Yttrium	89-1	13991467	14970124	13201017	14054203	6.31	cps
Yttrium	89-2	2775799	2805565	2784345	2788570	0.55	cps
Zinc	66-2	3004	2827	3190	3007	6.04	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:58:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	33457	36916	33215	34529	6.00	cps
Zirconium	91-1	7527	7944	7294	7589	4.34	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:02:07	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	183	122	43.83	cps
Antimony	121-1	142	217	217	192	22.59	cps
Arsenic	75-1	1883	1597	1671	1717	8.67	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	33	44	67	48	35.25	cps
Bismuth	209-1	9022963	9061738	8816061	8966921	1.47	cps
Bismuth	209-2	6229060	6162595	6461545	6284400	2.50	cps
Boron	10-1	1717	1800	1667	1728	3.90	cps
Boron	11-1	9195	8111	7802	8369	8.74	cps
Cadmium	111-1	3352	3588	3520	3487	3.49	cps
Cadmium	106-1	4793	5135	5034	4987	3.52	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	375	408	342	375	8.89	cps
Calcium	44-1	22009	21408	22017	21812	1.60	cps
Chromium	52-2	577	567	623	589	5.14	cps
Cobalt	59-2	90	110	87	96	13.21	cps
Copper	63-2	847	933	887	889	4.88	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	42	108	67	54.49	cps
Erbium	164-2	30	30	13	24	39.37	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	193	220	220	211	7.29	cps
Holmium	165-1	14068493	14336459	13892068	14099006	1.59	cps
Holmium	165-2	8662583	8606109	8998891	8755861	2.43	cps
Indium	115-1	11901930	12001477	11647760	11850389	1.54	cps
Indium	115-2	3534670	3560292	3655315	3583426	1.77	cps
Iron	56-2	7591	7952	7780	7775	2.32	cps
Iron	57-2	822	722	800	782	6.72	cps
Krypton	83-1	697	657	707	687	3.85	cps
Lead	206-1	267	222	228	239	10.14	cps
Lead	207-1	256	256	222	244	7.87	cps
Lead	208-1	1095	939	967	1000	8.30	cps
Lithium	6-1	2177650	2180793	2095383	2151275	2.25	cps
Magnesium	24-2	208	317	258	261	20.77	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:02:07	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	120	87	97	20.98	cps
Molybdenum	94-1	317	358	300	325	9.24	cps
Molybdenum	95-1	58	58	50	56	8.67	cps
Molybdenum	96-1	150	108	208	156	32.29	cps
Molybdenum	97-1	67	117	100	94	26.96	cps
Molybdenum	98-1	125	83	108	106	19.87	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	40	40	60	47	24.74	cps
Phosphorus	31-2	750	875	758	795	8.80	cps
Potassium	39-2	85614	85303	85069	85328	0.32	cps
Rhodium	103-1	11926198	12077019	11716298	11906505	1.52	cps
Rhodium	103-2	6434992	6434613	6652892	6507499	1.93	cps
Scandium	45-1	8091815	8188856	8014041	8098237	1.08	cps
Scandium	45-2	583657	593220	601851	592909	1.54	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	150	157	200	169	15.95	cps
Selenium	82-1	0	48	2	17	165.12	cps
Silicon	28-1	489422	493465	489652	490846	0.46	cps
Silver	109-1	133	75	175	128	39.31	cps
Silver	107-1	117	167	125	136	19.68	cps
Sodium	23-2	48579	50444	47393	48806	3.15	cps
Strontium	86-1	983	975	1058	1006	4.56	cps
Strontium	88-1	125	192	75	131	44.83	cps
Sulfur	34-1	569652	577639	580926	576072	1.01	cps
Terbium	159-1	14572070	14995777	14533929	14700592	1.74	cps
Terbium	159-2	8810156	8804093	9075510	8896586	1.74	cps
Thallium	203-1	183	292	292	256	24.48	cps
Thallium	205-1	817	583	600	667	19.53	cps
Tin	118-1	1475	1650	1759	1628	8.78	cps
Titanium	47-1	225	125	208	186	28.79	cps
Uranium	238-1	0	25	25	17	86.60	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	13266279	13201664	12892050	13119998	1.52	cps
Yttrium	89-2	2842263	2839315	2948627	2876735	2.16	cps
Zinc	66-2	110	153	127	130	16.82	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:02:07	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733	833	683	750	10.18	cps
Zirconium	91-1	100	133	183	139	30.20	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : PB107616BS Instrumnet Name : P7
 Client Sample ID : LCS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 19:05:41 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6035	6126	6227	6129	1.56	cps
Antimony	121-1	35546	35947	36348	35947	1.12	cps
Arsenic	75-1	6377	6658	7120	6718	5.59	cps
Barium	135-1	40719	39616	40017	40117	1.39	cps
Barium	137-1	67774	66275	69198	67749	2.16	cps
Beryllium	9-1	3728	3450	3495	3558	4.20	cps
Bismuth	209-1	9361402	9191469	9148746	9233872	1.22	cps
Bismuth	209-2	6230805	6311171	6315910	6285962	0.76	cps
Boron	10-1	11605	11221	12264	11697	4.51	cps
Boron	11-1	55361	57142	56524	56342	1.61	cps
Cadmium	111-1	8060	8171	8306	8179	1.51	cps
Cadmium	106-1	5493	5710	5851	5685	3.18	cps
Cadmium	108-1	379	354	350	361	4.37	cps
Calcium	43-1	27084	27752	28044	27627	1.78	cps
Calcium	44-1	462234	458698	463470	461467	0.54	cps
Chromium	52-2	17574	17297	17177	17349	1.17	cps
Cobalt	59-2	12422	12392	12202	12339	0.97	cps
Copper	63-2	17771	17684	17627	17694	0.41	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	58	58	100	72	33.30	cps
Erbium	164-2	33	37	57	42	29.89	cps
Gadolinium	160-1	75	158	83	106	43.48	cps
Gadolinium	160-2	207	190	233	210	10.41	cps
Holmium	165-1	14670266	14368145	14395756	14478056	1.15	cps
Holmium	165-2	8716951	8789242	8777398	8761197	0.44	cps
Indium	115-1	12220575	12175135	11980469	12125393	1.05	cps
Indium	115-2	3519793	3626134	3589873	3578600	1.51	cps
Iron	56-2	1259809	1254265	1233512	1249196	1.11	cps
Iron	57-2	31462	31612	29920	30998	3.02	cps
Krypton	83-1	720	793	737	750	5.13	cps
Lead	206-1	12918	13001	13324	13081	1.64	cps
Lead	207-1	11844	11611	11983	11813	1.59	cps
Lead	208-1	52620	52464	53348	52811	0.89	cps
Lithium	6-1	2277317	2206365	2242323	2242002	1.58	cps
Magnesium	24-2	304509	304945	298436	302630	1.20	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:05:41	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5558	5444	5154	5386	3.86	cps
Molybdenum	94-1	37751	37910	37149	37604	1.07	cps
Molybdenum	95-1	45934	45047	45708	45563	1.01	cps
Molybdenum	96-1	51394	50574	51703	51224	1.14	cps
Molybdenum	97-1	27761	28045	27995	27934	0.54	cps
Molybdenum	98-1	72678	71974	73213	72622	0.86	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3424	3194	3377	3332	3.65	cps
Phosphorus	31-2	983	808	883	892	9.85	cps
Potassium	39-2	460693	456409	448049	455050	1.41	cps
Rhodium	103-1	12296295	12089584	12061929	12149269	1.05	cps
Rhodium	103-2	6410838	6550752	6498036	6486542	1.09	cps
Scandium	45-1	8433507	8348504	8332039	8371350	0.65	cps
Scandium	45-2	581417	593976	590206	588533	1.09	cps
Selenium	77-2	133	117	120	123	7.15	cps
Selenium	78-2	607	546	606	586	5.93	cps
Selenium	82-1	1431	1275	1476	1394	7.57	cps
Silicon	28-1	679118	680819	680919	680285	0.15	cps
Silver	109-1	21125	21885	22110	21706	2.38	cps
Silver	107-1	22652	22919	22761	22778	0.59	cps
Sodium	23-2	627277	625173	618272	623574	0.76	cps
Strontium	86-1	6468	6827	6752	6682	2.83	cps
Strontium	88-1	49010	51912	50682	50535	2.88	cps
Sulfur	34-1	579929	583889	583594	582471	0.38	cps
Terbium	159-1	15198437	15033024	14870999	15034153	1.09	cps
Terbium	159-2	8875997	8930217	8869113	8891776	0.38	cps
Thallium	203-1	15651	14909	16302	15621	4.46	cps
Thallium	205-1	36961	37513	38357	37610	1.87	cps
Tin	118-1	68057	69891	69405	69118	1.37	cps
Titanium	47-1	13690	12347	13815	13284	6.13	cps
Uranium	238-1	51353	51913	52147	51804	0.79	cps
Vanadium	51-2	32489	32676	32439	32535	0.38	cps
Yttrium	89-1	13570795	13413848	13364167	13449603	0.80	cps
Yttrium	89-2	2841949	2909018	2891156	2880708	1.21	cps
Zinc	66-2	3164	3204	3034	3134	2.84	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	PB107616BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:05:41	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	32204	33014	31945	32388	1.72	cps
Zirconium	91-1	6860	7210	6610	6894	4.37	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7074733	7472093	7029658	7192162	3.39	cps
Antimony	121-1	4642038	4724422	4715915	4694125	0.97	cps
Arsenic	75-1	1181424	1187286	1183332	1184014	0.25	cps
Barium	135-1	5304630	5443498	5399156	5382428	1.32	cps
Barium	137-1	8980263	9226004	9181733	9129333	1.43	cps
Beryllium	9-1	936988	953128	947530	945882	0.87	cps
Bismuth	209-1	9471418	9375391	9267113	9371307	1.09	cps
Bismuth	209-2	6177031	6479383	6030483	6228966	3.67	cps
Boron	10-1	112071	115245	116480	114599	1.98	cps
Boron	11-1	528873	541731	546630	539078	1.70	cps
Cadmium	111-1	1094360	1098488	1113877	1102242	0.93	cps
Cadmium	106-1	121745	123846	123811	123134	0.98	cps
Cadmium	108-1	81282	82874	82094	82083	0.97	cps
Calcium	43-1	6821571	6851559	6795078	6822736	0.41	cps
Calcium	44-1	111440990	111229719	110422565	111031091	0.48	cps
Chromium	52-2	1971586	2107037	1968530	2015718	3.92	cps
Cobalt	59-2	2861254	3021132	2855875	2912754	3.22	cps
Copper	63-2	3833251	4026508	3834325	3898028	2.85	cps
Dysprosium	156-1	125	142	117	128	9.96	cps
Dysprosium	156-2	77	80	110	89	20.65	cps
Erbium	164-1	50	117	83	83	40.00	cps
Erbium	164-2	43	50	13	36	54.94	cps
Gadolinium	160-1	150	192	158	167	13.23	cps
Gadolinium	160-2	257	267	217	247	10.73	cps
Holmium	165-1	15354585	15418759	15048817	15274054	1.29	cps
Holmium	165-2	9038628	9759370	8900807	9232935	4.99	cps
Indium	115-1	11823930	11894440	11638611	11785660	1.12	cps
Indium	115-2	3338258	3571253	3315436	3408316	4.15	cps
Iron	56-2	409203998	433018865	412108265	418110376	3.11	cps
Iron	57-2	10048888	10561380	10057843	10222704	2.87	cps
Krypton	83-1	537	627	783	649	19.24	cps
Lead	206-1	3431442	3448155	3458059	3445886	0.39	cps
Lead	207-1	3028845	3064947	3076515	3056769	0.81	cps
Lead	208-1	13598321	13745218	13817253	13720264	0.81	cps
Lithium	6-1	2554071	2555059	2519370	2542833	0.80	cps
Magnesium	24-2	72829766	76923175	72749952	74167631	3.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2420120	2582354	2423448	2475307	3.75	cps
Molybdenum	94-1	9503573	9543963	9526147	9524561	0.21	cps
Molybdenum	95-1	11911542	11791634	11820650	11841275	0.53	cps
Molybdenum	96-1	13194689	13183361	13229605	13202552	0.18	cps
Molybdenum	97-1	7391950	7469156	7425780	7428962	0.52	cps
Molybdenum	98-1	18937203	19078361	19083481	19033015	0.44	cps
Neodymium	150-1	353	353	387	364	5.28	cps
Neodymium	150-2	80	77	73	77	4.35	cps
Nickel	60-2	742433	774700	739362	752165	2.60	cps
Phosphorus	31-2	86459	89762	87155	87792	1.98	cps
Potassium	39-2	43094504	45456939	42845116	43798853	3.29	cps
Rhodium	103-1	11328080	11186448	11099575	11204701	1.03	cps
Rhodium	103-2	5862501	6259389	5764418	5962103	4.40	cps
Scandium	45-1	8178939	8022642	7812077	8004553	2.30	cps
Scandium	45-2	536424	576486	525216	546042	4.94	cps
Selenium	77-2	5541	5688	5708	5646	1.61	cps
Selenium	78-2	18505	19921	18985	19137	3.77	cps
Selenium	82-1	69772	70417	69584	69924	0.62	cps
Silicon	28-1	4060520	4080304	4109786	4083536	0.61	cps
Silver	109-1	5281952	5314507	5291716	5296059	0.32	cps
Silver	107-1	5493353	5542355	5547568	5527759	0.54	cps
Sodium	23-2	143811924	151561903	143401203	146258344	3.14	cps
Strontium	86-1	1491731	1498172	1480509	1490137	0.60	cps
Strontium	88-1	13077577	13128914	12971791	13059427	0.61	cps
Sulfur	34-1	1393417	1369390	1363999	1375602	1.14	cps
Terbium	159-1	15914901	15692952	15523491	15710448	1.25	cps
Terbium	159-2	9106645	9720044	8897327	9241338	4.63	cps
Thallium	203-1	4177624	4288005	4283728	4249786	1.47	cps
Thallium	205-1	9953972	10188984	10085894	10076283	1.17	cps
Tin	118-1	3562738	3650745	3667688	3627057	1.55	cps
Titanium	47-1	3323159	3302709	3305817	3310562	0.33	cps
Uranium	238-1	14905425	14909847	15040737	14952003	0.51	cps
Vanadium	51-2	1617058	1713596	1609636	1646763	3.52	cps
Yttrium	89-1	13340419	13138456	12863264	13114046	1.83	cps
Yttrium	89-2	2707844	2909354	2663548	2760249	4.75	cps
Zinc	66-2	617442	659137	626705	634428	3.45	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:09:16	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7874074	7850954	7896685	7873904	0.29	cps
Zirconium	91-1	1732998	1747815	1752398	1744404	0.58	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	200	158	156	29.50	cps
Antimony	121-1	2767	2750	3276	2931	10.18	cps
Arsenic	75-1	1695	1566	1695	1652	4.52	cps
Barium	135-1	42	42	50	44	10.82	cps
Barium	137-1	133	42	50	75	67.59	cps
Beryllium	9-1	139	106	89	111	22.91	cps
Bismuth	209-1	9926784	9830795	9664795	9807458	1.35	cps
Bismuth	209-2	6523015	6337452	6147491	6335986	2.96	cps
Boron	10-1	4709	3584	3409	3901	18.09	cps
Boron	11-1	21232	18320	15634	18395	15.22	cps
Cadmium	111-1	3319	3290	3497	3369	3.31	cps
Cadmium	106-1	4751	4668	4968	4795	3.23	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	625	667	533	608	11.21	cps
Calcium	44-1	24746	24388	24471	24535	0.77	cps
Chromium	52-2	977	907	987	957	4.56	cps
Cobalt	59-2	83	63	110	86	27.37	cps
Copper	63-2	1180	1150	1120	1150	2.61	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	42	33	50	44.11	cps
Erbium	164-2	23	20	33	26	27.15	cps
Gadolinium	160-1	100	92	117	103	12.39	cps
Gadolinium	160-2	243	197	197	212	12.70	cps
Holmium	165-1	14865421	14676588	14445125	14662378	1.44	cps
Holmium	165-2	8960990	8786577	8465075	8737547	2.88	cps
Indium	115-1	12111746	11802857	11797504	11904036	1.51	cps
Indium	115-2	3422390	3420800	3303941	3382377	2.01	cps
Iron	56-2	9437	9648	9598	9561	1.15	cps
Iron	57-2	756	628	744	709	9.98	cps
Krypton	83-1	697	583	677	652	9.28	cps
Lead	206-1	1311	1350	1117	1259	9.93	cps
Lead	207-1	1195	945	1033	1057	11.98	cps
Lead	208-1	5334	4817	4834	4995	5.88	cps
Lithium	6-1	2592112	2602141	2524206	2572820	1.65	cps
Magnesium	24-2	633	525	650	603	11.26	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	77	93	82	11.70	cps
Molybdenum	94-1	1150	983	950	1028	10.43	cps
Molybdenum	95-1	892	925	842	886	4.73	cps
Molybdenum	96-1	1275	850	1108	1078	19.87	cps
Molybdenum	97-1	608	475	592	558	13.01	cps
Molybdenum	98-1	1575	1475	1433	1495	4.87	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	60	50	43	51	16.42	cps
Phosphorus	31-2	675	575	700	650	10.18	cps
Potassium	39-2	82806	80644	81783	81744	1.32	cps
Rhodium	103-1	11907105	11750369	11464318	11707264	1.92	cps
Rhodium	103-2	6315163	6216561	6007902	6179875	2.54	cps
Scandium	45-1	7762903	7712581	7547072	7674185	1.47	cps
Scandium	45-2	524380	518544	507531	516818	1.66	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	154	156	170	160	5.71	cps
Selenium	82-1	5	103	20	42	125.08	cps
Silicon	28-1	458810	453051	443755	451872	1.68	cps
Silver	109-1	183	200	150	178	14.32	cps
Silver	107-1	350	175	283	269	32.78	cps
Sodium	23-2	67260	68331	67628	67739	0.80	cps
Strontium	86-1	1225	1150	1058	1145	7.29	cps
Strontium	88-1	267	292	250	269	7.78	cps
Sulfur	34-1	499843	501055	498733	499877	0.23	cps
Terbium	159-1	15625963	15170617	15124377	15306986	1.81	cps
Terbium	159-2	8924330	8826810	8555793	8768978	2.18	cps
Thallium	203-1	633	533	567	578	8.81	cps
Thallium	205-1	1534	1392	1133	1353	14.99	cps
Tin	118-1	1575	1442	1492	1503	4.48	cps
Titanium	47-1	158	175	250	194	25.11	cps
Uranium	238-1	192	83	200	158	41.11	cps
Vanadium	51-2	20	27	13	20	33.35	cps
Yttrium	89-1	12989149	12787420	12521926	12766165	1.84	cps
Yttrium	89-2	2713016	2645186	2576612	2644938	2.58	cps
Zinc	66-2	543	597	417	519	17.82	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:12:55	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1709	1308	1514	13.23	cps
Zirconium	91-1	325	300	317	314	4.05	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429766	401936	411397	414366	3.42	cps
Antimony	121-1	4909	4943	5768	5207	9.34	cps
Arsenic	75-1	4885	5003	5591	5160	7.33	cps
Barium	135-1	80509	81590	89045	83715	5.55	cps
Barium	137-1	138183	141652	149973	143269	4.23	cps
Beryllium	9-1	267	150	156	191	34.51	cps
Bismuth	209-1	9875905	9732854	10069727	9892828	1.71	cps
Bismuth	209-2	6728141	6364265	6254110	6448839	3.85	cps
Boron	10-1	2734	2342	2300	2459	9.73	cps
Boron	11-1	13557	12415	12281	12751	5.50	cps
Cadmium	111-1	3946	3796	3912	3884	2.03	cps
Cadmium	106-1	4934	4601	5285	4940	6.92	cps
Cadmium	108-1	83	42	488	204	120.66	cps
Calcium	43-1	73409	73827	79975	75737	4.85	cps
Calcium	44-1	1199566	1217671	1300003	1239080	4.32	cps
Chromium	52-2	27489	26441	25967	26632	2.93	cps
Cobalt	59-2	1930	1817	1840	1862	3.21	cps
Copper	63-2	47895	45624	45166	46229	3.16	cps
Dysprosium	156-1	1675	1867	1942	1828	7.52	cps
Dysprosium	156-2	1110	1183	1100	1131	4.02	cps
Erbium	164-1	1408	1392	1142	1314	11.37	cps
Erbium	164-2	780	820	747	782	4.69	cps
Gadolinium	160-1	1659	1634	1700	1664	2.02	cps
Gadolinium	160-2	1107	1300	1227	1211	8.06	cps
Holmium	165-1	15151089	15216196	15873877	15413721	2.59	cps
Holmium	165-2	9338793	8937014	8785934	9020580	3.17	cps
Indium	115-1	12992054	12881004	13528848	13133969	2.64	cps
Indium	115-2	3864349	3679059	3607244	3716884	3.57	cps
Iron	56-2	7063456	6595218	6650958	6769877	3.78	cps
Iron	57-2	170031	159429	160136	163199	3.63	cps
Krypton	83-1	753	707	730	730	3.20	cps
Lead	206-1	263795	265602	281345	270247	3.57	cps
Lead	207-1	217288	218831	232382	222834	3.73	cps
Lead	208-1	1020147	1024886	1083631	1042888	3.39	cps
Lithium	6-1	2440200	2396059	2416770	2417676	0.91	cps
Magnesium	24-2	21775	20690	21308	21258	2.56	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43672	42129	40927	42243	3.26	cps
Molybdenum	94-1	4277	4451	4501	4410	2.67	cps
Molybdenum	95-1	1167	1233	1835	1412	26.09	cps
Molybdenum	96-1	5030	1900	1984	2971	60.02	cps
Molybdenum	97-1	783	858	808	817	4.68	cps
Molybdenum	98-1	1784	1759	1650	1731	4.10	cps
Neodymium	150-1	2914	3094	3361	3123	7.20	cps
Neodymium	150-2	1823	1603	1677	1701	6.59	cps
Nickel	60-2	5474	5444	5478	5466	0.34	cps
Phosphorus	31-2	4684	3976	4159	4273	8.61	cps
Potassium	39-2	106480	103284	105527	105097	1.56	cps
Rhodium	103-1	12496195	12568960	12941589	12668914	1.89	cps
Rhodium	103-2	6845422	6533374	6377896	6585564	3.62	cps
Scandium	45-1	8372034	8323012	8688800	8461282	2.35	cps
Scandium	45-2	605024	579603	563065	582564	3.63	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	172	178	143	164	11.52	cps
Selenium	82-1	-26	-5	95	21	307.51	cps
Silicon	28-1	5140125	6362659	6908945	6137243	14.76	cps
Silver	109-1	3092	3092	3401	3195	5.57	cps
Silver	107-1	3059	3351	3359	3256	5.25	cps
Sodium	23-2	99632	96232	97894	97920	1.74	cps
Strontium	86-1	74146	76345	80301	76931	4.05	cps
Strontium	88-1	632987	649288	701373	661216	5.40	cps
Sulfur	34-1	500824	497094	506639	501519	0.96	cps
Terbium	159-1	15801530	15797174	16425859	16008187	2.26	cps
Terbium	159-2	9527381	9028357	8945151	9166963	3.44	cps
Thallium	203-1	3634	3801	3626	3687	2.68	cps
Thallium	205-1	8687	8270	8353	8436	2.62	cps
Tin	118-1	18379	18463	19957	18933	4.69	cps
Titanium	47-1	73387	38260	43274	51640	36.79	cps
Uranium	238-1	7836	7252	8036	7708	5.28	cps
Vanadium	51-2	11872	11211	11832	11638	3.18	cps
Yttrium	89-1	13734171	13848876	14388773	13990606	2.50	cps
Yttrium	89-2	2965616	2844600	2802440	2870885	2.95	cps
Zinc	66-2	85435	80276	81208	82307	3.34	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-01	Instrumnet Name :	P7
Client Sample ID :	MDANA2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:22:04	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10045	9517	10222	9928	3.69	cps
Zirconium	91-1	2159	2059	2351	2189	6.78	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34550	33190	37580	35107	6.40	cps
Antimony	121-1	2550	2250	2517	2439	6.74	cps
Arsenic	75-1	3670	3895	2742	3436	17.80	cps
Barium	135-1	19961	17387	18647	18665	6.90	cps
Barium	137-1	33099	31587	33508	32731	3.09	cps
Beryllium	9-1	106	78	67	83	24.04	cps
Bismuth	209-1	9685743	9159209	9309982	9384978	2.89	cps
Bismuth	209-2	5998392	5976241	6519893	6164842	4.99	cps
Boron	10-1	2034	1709	1508	1750	15.14	cps
Boron	11-1	9945	8820	8086	8950	10.46	cps
Cadmium	111-1	4049	3373	3362	3595	10.95	cps
Cadmium	106-1	5518	4643	4593	4918	10.58	cps
Cadmium	108-1	25	50	33	36	35.25	cps
Calcium	43-1	26850	25281	25823	25985	3.07	cps
Calcium	44-1	448651	418244	434667	433854	3.51	cps
Chromium	52-2	25686	24821	27723	26077	5.71	cps
Cobalt	59-2	580	587	763	643	16.16	cps
Copper	63-2	12746	12325	13747	12939	5.64	cps
Dysprosium	156-1	617	733	675	675	8.64	cps
Dysprosium	156-2	417	387	420	408	4.50	cps
Erbium	164-1	483	417	333	411	18.28	cps
Erbium	164-2	227	217	250	231	7.40	cps
Gadolinium	160-1	633	575	733	647	12.37	cps
Gadolinium	160-2	397	437	567	467	19.05	cps
Holmium	165-1	15576638	14519343	14846639	14980873	3.61	cps
Holmium	165-2	8610128	8463200	9202448	8758592	4.47	cps
Indium	115-1	13196679	12410926	12726209	12777938	3.09	cps
Indium	115-2	3572620	3498456	3834987	3635354	4.86	cps
Iron	56-2	708451	695637	777995	727361	6.09	cps
Iron	57-2	18791	18479	19725	18998	3.41	cps
Krypton	83-1	760	673	700	711	6.24	cps
Lead	206-1	39509	37320	39532	38787	3.28	cps
Lead	207-1	33549	30307	32385	32080	5.12	cps
Lead	208-1	153618	143895	151767	149760	3.45	cps
Lithium	6-1	2142518	1961559	1973629	2025902	4.99	cps
Magnesium	24-2	4634	4184	4518	4445	5.26	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11925	11758	13129	12271	6.10	cps
Molybdenum	94-1	1042	892	1259	1064	17.33	cps
Molybdenum	95-1	600	650	525	592	10.63	cps
Molybdenum	96-1	658	700	1067	809	27.83	cps
Molybdenum	97-1	333	400	450	394	14.84	cps
Molybdenum	98-1	875	642	775	764	15.33	cps
Neodymium	150-1	1147	1073	1067	1096	4.05	cps
Neodymium	150-2	520	550	667	579	13.38	cps
Nickel	60-2	4524	4371	4691	4529	3.54	cps
Phosphorus	31-2	1375	1442	1634	1483	9.04	cps
Potassium	39-2	96169	96404	99936	97503	2.16	cps
Rhodium	103-1	12801547	11888903	12295947	12328799	3.71	cps
Rhodium	103-2	6414488	6285009	6890181	6529893	4.88	cps
Scandium	45-1	8539503	7926875	8043289	8169889	3.98	cps
Scandium	45-2	561998	552272	602668	572313	4.67	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	180	170	196	182	7.22	cps
Selenium	82-1	-17	-7	6	-6	-199.42	cps
Silicon	28-1	2039198	1680114	1758599	1825970	10.34	cps
Silver	109-1	2200	2267	2000	2156	6.44	cps
Silver	107-1	2242	2150	2350	2247	4.46	cps
Sodium	23-2	88914	90112	92190	90405	1.83	cps
Strontium	86-1	24321	22093	24222	23545	5.35	cps
Strontium	88-1	203608	191411	195523	196847	3.15	cps
Sulfur	34-1	504140	499343	503932	502472	0.54	cps
Terbium	159-1	15934081	14973942	15241339	15383121	3.22	cps
Terbium	159-2	8826955	8726072	9325207	8959411	3.58	cps
Thallium	203-1	2817	2684	2667	2723	3.02	cps
Thallium	205-1	6544	6027	5993	6188	4.99	cps
Tin	118-1	3050	2909	3150	3037	4.00	cps
Titanium	47-1	55296	31454	24582	37111	43.44	cps
Uranium	238-1	3301	2909	3000	3070	6.68	cps
Vanadium	51-2	4654	4571	5268	4831	7.88	cps
Yttrium	89-1	14135979	13213231	13495728	13614979	3.47	cps
Yttrium	89-2	2752903	2770592	2987560	2837018	4.61	cps
Zinc	66-2	5648	5431	6191	5757	6.80	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02	Instrumnet Name :	P7
Client Sample ID :	MDANA3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:25:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2017	2292	2551	2287	11.67	cps
Zirconium	91-1	1068	583	458	703	45.79	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35112	34552	34158	34607	1.39	cps
Antimony	121-1	2484	2384	2367	2411	2.62	cps
Arsenic	75-1	3726	2481	3632	3280	21.15	cps
Barium	135-1	18029	19072	17887	18329	3.53	cps
Barium	137-1	31044	31362	32607	31671	2.61	cps
Beryllium	9-1	83	72	44	67	30.04	cps
Bismuth	209-1	9003799	9182686	8991013	9059166	1.18	cps
Bismuth	209-2	5929274	6008822	5908049	5948715	0.89	cps
Boron	10-1	1525	1375	1383	1428	5.90	cps
Boron	11-1	8478	7536	7510	7841	7.03	cps
Cadmium	111-1	3542	5397	3702	4213	24.40	cps
Cadmium	106-1	4868	7481	5043	5797	25.20	cps
Cadmium	108-1	17	21	46	28	56.78	cps
Calcium	43-1	25030	25047	24955	25011	0.20	cps
Calcium	44-1	417851	424182	412966	418333	1.34	cps
Chromium	52-2	32164	27533	27433	29043	9.31	cps
Cobalt	59-2	707	740	733	727	2.43	cps
Copper	63-2	12726	12435	12636	12599	1.18	cps
Dysprosium	156-1	725	567	708	667	13.05	cps
Dysprosium	156-2	433	377	380	397	8.02	cps
Erbium	164-1	358	325	475	386	20.40	cps
Erbium	164-2	217	203	267	229	14.59	cps
Gadolinium	160-1	525	558	575	553	4.61	cps
Gadolinium	160-2	487	547	460	498	8.92	cps
Holmium	165-1	14360370	14615632	14574204	14516735	0.94	cps
Holmium	165-2	8608179	8620999	8448191	8559123	1.12	cps
Indium	115-1	12301381	12613416	12415338	12443378	1.27	cps
Indium	115-2	3542876	3539236	3510792	3530968	0.50	cps
Iron	56-2	729201	732732	736667	732867	0.51	cps
Iron	57-2	18579	18929	18206	18571	1.95	cps
Krypton	83-1	793	763	717	758	5.10	cps
Lead	206-1	38022	37749	37899	37890	0.36	cps
Lead	207-1	31460	30535	31070	31022	1.50	cps
Lead	208-1	145616	145514	145769	145633	0.09	cps
Lithium	6-1	1717668	1737757	1704995	1720140	0.96	cps
Magnesium	24-2	4434	4151	3792	4126	7.80	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11942	11665	12092	11899	1.82	cps
Molybdenum	94-1	1200	1242	1359	1267	6.49	cps
Molybdenum	95-1	525	408	425	453	13.94	cps
Molybdenum	96-1	700	642	725	689	6.21	cps
Molybdenum	97-1	267	383	392	347	20.13	cps
Molybdenum	98-1	608	733	717	686	9.89	cps
Neodymium	150-1	1227	1013	1087	1109	9.78	cps
Neodymium	150-2	580	517	657	584	11.99	cps
Nickel	60-2	4291	4367	5592	4750	15.37	cps
Phosphorus	31-2	1350	1500	1392	1414	5.48	cps
Potassium	39-2	96579	95499	95959	96012	0.56	cps
Rhodium	103-1	11800525	12237841	11899845	11979404	1.91	cps
Rhodium	103-2	6436731	6342594	6301596	6360307	1.09	cps
Scandium	45-1	7802349	8006717	7818430	7875832	1.44	cps
Scandium	45-2	566076	564910	554463	561816	1.14	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	189	169	165	174	7.45	cps
Selenium	82-1	-121	-36	-24	-60	-87.17	cps
Silicon	28-1	2414000	2732044	3874974	3007006	25.55	cps
Silver	109-1	1875	2084	1675	1878	10.87	cps
Silver	107-1	1992	2184	2025	2067	4.95	cps
Sodium	23-2	89491	88175	88108	88591	0.88	cps
Strontium	86-1	21884	22919	23779	22861	4.15	cps
Strontium	88-1	193102	195420	192695	193739	0.76	cps
Sulfur	34-1	506404	504458	498879	503247	0.78	cps
Terbium	159-1	14759832	15255522	15077033	15030796	1.67	cps
Terbium	159-2	8727300	8786050	8592561	8701971	1.14	cps
Thallium	203-1	2184	2084	1967	2078	5.22	cps
Thallium	205-1	5626	4843	5176	5215	7.54	cps
Tin	118-1	3209	3192	2850	3084	6.56	cps
Titanium	47-1	16612	99136	22312	46020	100.15	cps
Uranium	238-1	2809	2817	2750	2792	1.30	cps
Vanadium	51-2	4851	4888	4557	4765	3.80	cps
Yttrium	89-1	13146361	13569161	13341834	13352452	1.58	cps
Yttrium	89-2	2780739	2771468	2743382	2765196	0.70	cps
Zinc	66-2	5514	5401	5591	5502	1.74	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-03	Instrumnet Name :	P7
Client Sample ID :	MDANA3D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:29:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3193	3194	3613	3333	7.27	cps
Zirconium	91-1	4950	725	458	2045	123.25	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7344	7736	7419	7500	2.77	cps
Antimony	121-1	450	500	542	497	9.23	cps
Arsenic	75-1	2339	1682	1694	1905	19.74	cps
Barium	135-1	3392	3917	3884	3731	7.88	cps
Barium	137-1	6143	6744	7119	6669	7.38	cps
Beryllium	9-1	78	39	67	61	32.78	cps
Bismuth	209-1	9242390	9757605	9979103	9659699	3.91	cps
Bismuth	209-2	6912443	6903550	6751537	6855843	1.32	cps
Boron	10-1	1408	1283	1233	1308	6.89	cps
Boron	11-1	6902	6618	6452	6657	3.42	cps
Cadmium	111-1	3575	3763	4009	3782	5.76	cps
Cadmium	106-1	5076	5293	5693	5354	5.85	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	5435	5518	6535	5829	10.51	cps
Calcium	44-1	106768	111688	115484	111314	3.93	cps
Chromium	52-2	6995	6892	6988	6958	0.83	cps
Cobalt	59-2	240	213	213	222	6.93	cps
Copper	63-2	4174	4011	3904	4030	3.38	cps
Dysprosium	156-1	108	142	200	150	30.93	cps
Dysprosium	156-2	103	63	70	79	27.17	cps
Erbium	164-1	67	142	142	117	37.12	cps
Erbium	164-2	70	100	93	88	17.95	cps
Gadolinium	160-1	217	217	200	211	4.56	cps
Gadolinium	160-2	267	303	340	303	12.09	cps
Holmium	165-1	14726410	15714161	16168492	15536354	4.75	cps
Holmium	165-2	9884914	9881228	9653265	9806469	1.35	cps
Indium	115-1	12423314	13150313	13553679	13042435	4.39	cps
Indium	115-2	4004355	4016162	3880761	3967093	1.89	cps
Iron	56-2	184061	171046	168190	174432	4.85	cps
Iron	57-2	4779	4684	4640	4701	1.51	cps
Krypton	83-1	787	733	733	751	4.10	cps
Lead	206-1	9259	9771	10249	9759	5.07	cps
Lead	207-1	7847	8397	8770	8338	5.57	cps
Lead	208-1	35759	38957	40431	38382	6.22	cps
Lithium	6-1	1662051	1718615	1733069	1704578	2.20	cps
Magnesium	24-2	1492	1450	1483	1475	1.49	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2900	3147	2824	2957	5.72	cps
Molybdenum	94-1	333	517	675	508	33.64	cps
Molybdenum	95-1	192	192	233	206	11.70	cps
Molybdenum	96-1	250	242	283	258	8.54	cps
Molybdenum	97-1	142	208	208	186	20.68	cps
Molybdenum	98-1	333	250	350	311	17.22	cps
Neodymium	150-1	240	260	187	229	16.56	cps
Neodymium	150-2	143	143	143	143	0.00	cps
Nickel	60-2	1050	990	1117	1052	6.02	cps
Phosphorus	31-2	883	1025	908	939	8.05	cps
Potassium	39-2	90928	88270	88597	89265	1.62	cps
Rhodium	103-1	12222583	12924915	13574334	12907277	5.24	cps
Rhodium	103-2	7370478	7401349	7186942	7319589	1.58	cps
Scandium	45-1	8112303	8637884	8831085	8527091	4.36	cps
Scandium	45-2	647919	649795	633624	643780	1.37	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	189	128	185	167	20.48	cps
Selenium	82-1	-99	-44	-48	-64	-47.75	cps
Silicon	28-1	579349	1006849	785298	790499	27.05	cps
Silver	109-1	592	633	550	592	7.04	cps
Silver	107-1	583	708	758	683	13.19	cps
Sodium	23-2	70608	70625	71629	70954	0.82	cps
Strontium	86-1	5543	5868	5651	5688	2.91	cps
Strontium	88-1	37266	42381	43124	40924	7.79	cps
Sulfur	34-1	521288	527747	537071	528702	1.50	cps
Terbium	159-1	15273418	16220297	16673292	16055669	4.45	cps
Terbium	159-2	9908815	9944406	9700198	9851140	1.34	cps
Thallium	203-1	1017	1175	867	1020	15.12	cps
Thallium	205-1	2334	2350	2159	2281	4.66	cps
Tin	118-1	1150	1300	1383	1278	9.25	cps
Titanium	47-1	6202	3009	3259	4157	42.71	cps
Uranium	238-1	533	575	617	575	7.25	cps
Vanadium	51-2	1097	1107	1247	1150	7.29	cps
Yttrium	89-1	13518254	14604034	14941425	14354571	5.18	cps
Yttrium	89-2	3215760	3183266	3128420	3175816	1.39	cps
Zinc	66-2	1820	1877	1817	1838	1.84	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANA3L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:32:49	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1167	1217	1333	1239	6.90	cps
Zirconium	91-1	192	242	275	236	17.76	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91826	94193	88188	91402	3.31	cps
Antimony	121-1	183545	187043	186440	185676	1.01	cps
Arsenic	75-1	22667	22143	22729	22513	1.43	cps
Barium	135-1	831002	838111	846570	838561	0.93	cps
Barium	137-1	1434147	1464142	1450155	1449481	1.04	cps
Beryllium	9-1	13089	12984	12617	12897	1.92	cps
Bismuth	209-1	8944206	9130792	9041354	9038784	1.03	cps
Bismuth	209-2	5992871	6299889	5635743	5976168	5.56	cps
Boron	10-1	1208	1200	1150	1186	2.66	cps
Boron	11-1	6835	6152	5159	6049	13.93	cps
Cadmium	111-1	25819	25902	25227	25649	1.44	cps
Cadmium	106-1	7094	6660	6052	6602	7.93	cps
Cadmium	108-1	1483	1588	1563	1545	3.52	cps
Calcium	43-1	24387	24488	24321	24399	0.34	cps
Calcium	44-1	405089	412851	415923	411288	1.36	cps
Chromium	52-2	189883	195285	189519	191562	1.69	cps
Cobalt	59-2	629270	646138	623342	632917	1.87	cps
Copper	63-2	229613	236837	226263	230905	2.34	cps
Dysprosium	156-1	500	533	625	553	11.71	cps
Dysprosium	156-2	410	443	340	398	13.26	cps
Erbium	164-1	392	342	483	406	17.72	cps
Erbium	164-2	237	263	223	241	8.45	cps
Gadolinium	160-1	417	475	542	478	13.09	cps
Gadolinium	160-2	403	447	527	459	13.64	cps
Holmium	165-1	14457152	14747572	14535251	14579992	1.03	cps
Holmium	165-2	8722191	9015250	8098348	8611930	5.44	cps
Indium	115-1	12460657	12780103	12631046	12623935	1.27	cps
Indium	115-2	3576274	3754345	3349130	3559916	5.71	cps
Iron	56-2	1452117	1483560	1418320	1451332	2.25	cps
Iron	57-2	36335	37365	35505	36401	2.56	cps
Krypton	83-1	770	690	777	746	6.47	cps
Lead	206-1	61213	62112	61900	61742	0.76	cps
Lead	207-1	50786	52811	53191	52263	2.47	cps
Lead	208-1	236130	242188	244347	240889	1.77	cps
Lithium	6-1	1591555	1583760	1503411	1559575	3.13	cps
Magnesium	24-2	4418	4326	3984	4243	5.38	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	271273	281876	270680	274610	2.29	cps
Molybdenum	94-1	1017	1075	1334	1142	14.77	cps
Molybdenum	95-1	425	367	400	397	7.37	cps
Molybdenum	96-1	642	650	608	633	3.48	cps
Molybdenum	97-1	308	358	400	356	12.91	cps
Molybdenum	98-1	533	683	600	606	12.41	cps
Neodymium	150-1	1220	1060	1187	1156	7.31	cps
Neodymium	150-2	547	603	563	571	5.10	cps
Nickel	60-2	169166	170635	163696	167832	2.18	cps
Phosphorus	31-2	1333	1200	1308	1281	5.54	cps
Potassium	39-2	95809	99099	97957	97622	1.71	cps
Rhodium	103-1	12160734	12275756	12048743	12161744	0.93	cps
Rhodium	103-2	6487774	6753244	5999994	6413671	5.96	cps
Scandium	45-1	7950250	8217764	7957137	8041717	1.90	cps
Scandium	45-2	566837	602957	524635	564810	6.94	cps
Selenium	77-2	257	237	203	232	11.60	cps
Selenium	78-2	889	982	967	946	5.26	cps
Selenium	82-1	2865	3128	2955	2982	4.48	cps
Silicon	28-1	2560386	1804436	1446780	1937201	29.35	cps
Silver	109-1	104225	106064	106902	105730	1.30	cps
Silver	107-1	111991	112671	112612	112425	0.34	cps
Sodium	23-2	85451	84916	88821	86396	2.45	cps
Strontium	86-1	22201	23353	22836	22797	2.53	cps
Strontium	88-1	187140	190559	191944	189881	1.30	cps
Sulfur	34-1	505477	501462	501535	502825	0.46	cps
Terbium	159-1	15062074	15472661	14936897	15157211	1.85	cps
Terbium	159-2	8788699	9155916	8174682	8706432	5.69	cps
Thallium	203-1	80258	81769	78976	80334	1.74	cps
Thallium	205-1	192985	192250	193599	192944	0.35	cps
Tin	118-1	2717	2917	2825	2820	3.55	cps
Titanium	47-1	26368	13725	14564	18219	38.80	cps
Uranium	238-1	3511	2809	2459	2926	18.31	cps
Vanadium	51-2	342825	353301	341030	345719	1.92	cps
Yttrium	89-1	13518987	13848535	13460793	13609438	1.54	cps
Yttrium	89-2	2830788	2961955	2644066	2812270	5.68	cps
Zinc	66-2	75163	77167	73453	75261	2.47	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-04	Instrumnet Name :	P7
Client Sample ID :	MDANA3S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:22	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2000	2400	1892	2098	12.77	cps
Zirconium	91-1	633	667	809	703	13.24	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288490	286875	284893	286752	0.63	cps
Antimony	121-1	3484	3092	3401	3326	6.21	cps
Arsenic	75-1	6646	6393	6872	6637	3.61	cps
Barium	135-1	80575	82235	82093	81634	1.13	cps
Barium	137-1	137408	140253	140404	139355	1.21	cps
Beryllium	9-1	167	128	172	156	15.57	cps
Bismuth	209-1	9246621	9041357	9026078	9104685	1.35	cps
Bismuth	209-2	6288571	6186913	6201873	6225786	0.88	cps
Boron	10-1	1217	1033	1058	1103	9.02	cps
Boron	11-1	5485	5460	4718	5221	8.35	cps
Cadmium	111-1	3884	3962	4217	4021	4.34	cps
Cadmium	106-1	4501	4618	4976	4698	5.27	cps
Cadmium	108-1	83	113	100	99	14.84	cps
Calcium	43-1	66944	67982	65537	66821	1.84	cps
Calcium	44-1	1107414	1092361	1098731	1099502	0.69	cps
Chromium	52-2	33752	32693	33184	33210	1.60	cps
Cobalt	59-2	2320	1977	2064	2120	8.42	cps
Copper	63-2	76694	74669	75206	75523	1.39	cps
Dysprosium	156-1	3092	2975	3025	3031	1.93	cps
Dysprosium	156-2	1777	1673	1927	1792	7.11	cps
Erbium	164-1	2542	2759	2717	2673	4.30	cps
Erbium	164-2	1727	1653	1630	1670	3.02	cps
Gadolinium	160-1	2700	2600	2967	2756	6.88	cps
Gadolinium	160-2	1947	1950	2084	1994	3.91	cps
Holmium	165-1	14554650	14451764	14449962	14485459	0.41	cps
Holmium	165-2	8999950	8813982	8743323	8852419	1.50	cps
Indium	115-1	12559463	12455973	12499976	12505137	0.42	cps
Indium	115-2	3665391	3638488	3607996	3637292	0.79	cps
Iron	56-2	7462488	7324523	7489385	7425465	1.19	cps
Iron	57-2	181436	177491	182940	180622	1.56	cps
Krypton	83-1	673	707	667	682	3.14	cps
Lead	206-1	447716	445509	455824	449683	1.21	cps
Lead	207-1	366721	365497	370796	367671	0.75	cps
Lead	208-1	1730298	1719598	1744552	1731482	0.72	cps
Lithium	6-1	1419160	1368564	1345216	1377646	2.74	cps
Magnesium	24-2	25172	24320	25272	24922	2.10	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67756	66436	65967	66720	1.39	cps
Molybdenum	94-1	3342	3643	3201	3395	6.65	cps
Molybdenum	95-1	725	667	742	711	5.54	cps
Molybdenum	96-1	1217	1559	1450	1409	12.40	cps
Molybdenum	97-1	475	650	558	561	15.60	cps
Molybdenum	98-1	1217	1108	1150	1158	4.72	cps
Neodymium	150-1	3901	3854	4061	3938	2.75	cps
Neodymium	150-2	2064	2237	2220	2174	4.40	cps
Nickel	60-2	4768	4734	4474	4659	3.45	cps
Phosphorus	31-2	5101	4809	5309	5073	4.95	cps
Potassium	39-2	105110	102661	104230	104001	1.19	cps
Rhodium	103-1	12133786	12041383	12074857	12083342	0.39	cps
Rhodium	103-2	6696553	6597518	6561697	6618589	1.06	cps
Scandium	45-1	7959709	7826031	7836327	7874022	0.94	cps
Scandium	45-2	588917	585172	580308	584799	0.74	cps
Selenium	77-2	7	23	17	16	53.90	cps
Selenium	78-2	181	167	193	180	7.22	cps
Selenium	82-1	56	25	75	52	48.09	cps
Silicon	28-1	4289783	3818138	3553730	3887217	9.59	cps
Silver	109-1	2192	2192	2309	2231	3.02	cps
Silver	107-1	2400	2434	2309	2381	2.72	cps
Sodium	23-2	89332	89215	88511	89019	0.50	cps
Strontium	86-1	37333	36280	38085	37233	2.43	cps
Strontium	88-1	319753	325347	327372	324157	1.22	cps
Sulfur	34-1	488110	477853	479552	481838	1.14	cps
Terbium	159-1	15237439	14996254	14988600	15074098	0.94	cps
Terbium	159-2	9058651	8993577	8836688	8962972	1.27	cps
Thallium	203-1	1550	1509	1308	1456	8.88	cps
Thallium	205-1	3492	3601	3367	3487	3.35	cps
Tin	118-1	26267	25424	26559	26083	2.26	cps
Titanium	47-1	27511	51379	41216	40035	29.92	cps
Uranium	238-1	12815	12757	12615	12729	0.81	cps
Vanadium	51-2	14154	14027	14444	14208	1.50	cps
Yttrium	89-1	13722855	13519931	13499818	13580868	0.91	cps
Yttrium	89-2	2928511	2886103	2871931	2895515	1.02	cps
Zinc	66-2	55181	53290	55679	54717	2.30	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-05	Instrumnet Name :	P7
Client Sample ID :	MDANA4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7761	7836	9938	8512	14.52	cps
Zirconium	91-1	1625	2142	1842	1870	13.88	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265881	264970	259091	263314	1.40	cps
Antimony	121-1	6127	5851	5968	5982	2.31	cps
Arsenic	75-1	12898	8833	10764	10832	18.77	cps
Barium	135-1	184189	181992	189796	185326	2.17	cps
Barium	137-1	322542	322335	327554	324144	0.91	cps
Beryllium	9-1	139	117	78	111	27.84	cps
Bismuth	209-1	9228791	9125988	9231172	9195317	0.65	cps
Bismuth	209-2	6077193	6095578	5936285	6036352	1.44	cps
Boron	10-1	1158	842	1058	1020	15.88	cps
Boron	11-1	5560	4751	4884	5065	8.56	cps
Cadmium	111-1	4539	4567	4413	4506	1.81	cps
Cadmium	106-1	4934	4901	4959	4932	0.59	cps
Cadmium	108-1	88	92	125	101	20.27	cps
Calcium	43-1	89831	89446	90955	90077	0.87	cps
Calcium	44-1	1465486	1458307	1502830	1475541	1.62	cps
Chromium	52-2	47751	49099	48179	48343	1.42	cps
Cobalt	59-2	3444	3474	3344	3420	1.99	cps
Copper	63-2	144870	145218	145287	145125	0.15	cps
Dysprosium	156-1	3584	3367	3351	3434	3.79	cps
Dysprosium	156-2	2080	1904	2104	2029	5.39	cps
Erbium	164-1	3167	2917	3501	3195	9.16	cps
Erbium	164-2	2084	1867	1884	1945	6.20	cps
Gadolinium	160-1	3050	3117	3334	3167	4.68	cps
Gadolinium	160-2	2207	2204	2270	2227	1.69	cps
Holmium	165-1	14635926	14560741	14718346	14638338	0.54	cps
Holmium	165-2	8776088	8793397	8463786	8677757	2.14	cps
Indium	115-1	12602945	12514970	12568558	12562158	0.35	cps
Indium	115-2	3611527	3674666	3543466	3609886	1.82	cps
Iron	56-2	8358951	8449421	8344885	8384419	0.68	cps
Iron	57-2	203834	205017	200591	203147	1.13	cps
Krypton	83-1	637	867	820	774	15.70	cps
Lead	206-1	1718677	1701000	1761685	1727121	1.81	cps
Lead	207-1	1397737	1401040	1448385	1415721	2.00	cps
Lead	208-1	6647718	6617906	6875872	6713832	2.10	cps
Lithium	6-1	1317562	1298187	1253359	1289703	2.55	cps
Magnesium	24-2	39595	39829	38133	39186	2.35	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	121914	123175	120555	121882	1.07	cps
Molybdenum	94-1	3360	5666	3076	4034	35.22	cps
Molybdenum	95-1	633	917	908	820	19.68	cps
Molybdenum	96-1	1308	1158	1542	1336	14.46	cps
Molybdenum	97-1	583	650	575	603	6.82	cps
Molybdenum	98-1	1225	1275	1392	1297	6.59	cps
Neodymium	150-1	4981	4374	4868	4741	6.81	cps
Neodymium	150-2	2344	2570	2494	2469	4.67	cps
Nickel	60-2	7929	8239	7932	8033	2.22	cps
Phosphorus	31-2	8053	8311	8536	8300	2.92	cps
Potassium	39-2	106272	104248	104709	105076	1.01	cps
Rhodium	103-1	12245354	12240029	12273922	12253102	0.15	cps
Rhodium	103-2	6665897	6631911	6460942	6586250	1.67	cps
Scandium	45-1	7966241	7830281	7886106	7894210	0.87	cps
Scandium	45-2	572806	579908	557930	570215	1.97	cps
Selenium	77-2	17	17	20	18	10.81	cps
Selenium	78-2	191	198	185	191	3.40	cps
Selenium	82-1	153	-102	-81	-10	-1440.63	cps
Silicon	28-1	3253173	2971654	3204645	3143157	4.79	cps
Silver	109-1	3417	3792	4001	3737	7.91	cps
Silver	107-1	4192	4126	4201	4173	0.99	cps
Sodium	23-2	92467	94681	94253	93800	1.25	cps
Strontium	86-1	95156	95617	98487	96420	1.87	cps
Strontium	88-1	828425	841155	853830	841137	1.51	cps
Sulfur	34-1	478450	471551	473504	474502	0.75	cps
Terbium	159-1	15332452	15094859	15287738	15238349	0.83	cps
Terbium	159-2	9030727	8910845	8644598	8862056	2.23	cps
Thallium	203-1	1434	1192	1167	1264	11.65	cps
Thallium	205-1	3192	3209	2825	3075	7.05	cps
Tin	118-1	58112	58632	62339	59694	3.86	cps
Titanium	47-1	33317	33850	36830	34666	5.46	cps
Uranium	238-1	12490	12456	12866	12604	1.80	cps
Vanadium	51-2	13500	14391	13893	13928	3.21	cps
Yttrium	89-1	13842644	13708463	13713297	13754801	0.55	cps
Yttrium	89-2	2888491	2910824	2828524	2875946	1.48	cps
Zinc	66-2	179089	181113	179752	179984	0.57	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-06	Instrumnet Name :	P7
Client Sample ID :	MDANA5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8580	7504	6619	7568	12.98	cps
Zirconium	91-1	1675	1325	3062	2021	45.45	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1190309	1166604	1159395	1172103	1.38	cps
Antimony	121-1	2742	2625	2892	2753	4.86	cps
Arsenic	75-1	3928	4277	4750	4318	9.55	cps
Barium	135-1	18722	18104	20301	19042	5.95	cps
Barium	137-1	32013	32949	33316	32759	2.05	cps
Beryllium	9-1	111	111	111	111	0.00	cps
Bismuth	209-1	9101378	9175186	9149175	9141913	0.41	cps
Bismuth	209-2	6059193	6130102	6123258	6104184	0.64	cps
Boron	10-1	1158	1000	958	1039	10.16	cps
Boron	11-1	5510	4593	4342	4815	12.76	cps
Cadmium	111-1	3398	3490	3173	3354	4.86	cps
Cadmium	106-1	4843	4926	4501	4757	4.74	cps
Cadmium	108-1	42	42	33	39	12.38	cps
Calcium	43-1	49575	50462	51407	50482	1.81	cps
Calcium	44-1	815933	834152	839378	829821	1.48	cps
Chromium	52-2	33371	34086	33790	33749	1.06	cps
Cobalt	59-2	1500	1513	1847	1620	12.12	cps
Copper	63-2	8259	7899	8272	8143	2.60	cps
Dysprosium	156-1	3467	3217	3576	3420	5.38	cps
Dysprosium	156-2	2234	2057	2044	2111	5.02	cps
Erbium	164-1	1975	2175	2400	2184	9.74	cps
Erbium	164-2	1387	1287	1350	1341	3.77	cps
Gadolinium	160-1	2825	3176	2867	2956	6.47	cps
Gadolinium	160-2	1930	2257	2174	2120	8.01	cps
Holmium	165-1	14678123	14551686	14727751	14652520	0.62	cps
Holmium	165-2	8702709	8769406	8658729	8710281	0.64	cps
Indium	115-1	12553870	12505857	12545204	12534977	0.20	cps
Indium	115-2	3527104	3556930	3522340	3535458	0.53	cps
Iron	56-2	4853975	4812439	4799181	4821865	0.59	cps
Iron	57-2	117585	117730	118519	117945	0.43	cps
Krypton	83-1	820	743	797	787	5.00	cps
Lead	206-1	44369	46242	46359	45657	2.45	cps
Lead	207-1	35960	38776	38100	37612	3.91	cps
Lead	208-1	172189	178243	177130	175854	1.83	cps
Lithium	6-1	1224002	1227618	1216714	1222778	0.45	cps
Magnesium	24-2	30006	30415	31609	30677	2.72	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4595	4458	4284	4446	3.50	cps
Molybdenum	94-1	6478	6310	6227	6338	2.02	cps
Molybdenum	95-1	692	567	625	628	9.96	cps
Molybdenum	96-1	1609	1925	1608	1714	10.68	cps
Molybdenum	97-1	542	633	408	528	21.44	cps
Molybdenum	98-1	1300	942	1100	1114	16.13	cps
Neodymium	150-1	5915	5975	6202	6030	2.51	cps
Neodymium	150-2	3237	3457	3170	3288	4.56	cps
Nickel	60-2	5028	5434	5208	5223	3.90	cps
Phosphorus	31-2	1392	1408	1442	1414	1.80	cps
Potassium	39-2	101948	100078	101075	101034	0.93	cps
Rhodium	103-1	12263013	12190930	12274097	12242680	0.37	cps
Rhodium	103-2	6493661	6612307	6440066	6515345	1.35	cps
Scandium	45-1	7839580	7849000	7799399	7829326	0.34	cps
Scandium	45-2	560193	563666	553810	559223	0.89	cps
Selenium	77-2	30	13	30	24	39.37	cps
Selenium	78-2	165	183	194	181	8.28	cps
Selenium	82-1	-21	58	-34	1	5069.22	cps
Silicon	28-1	7088273	8143685	7165500	7465819	7.88	cps
Silver	109-1	1158	1067	1358	1195	12.49	cps
Silver	107-1	1242	1192	1358	1264	6.77	cps
Sodium	23-2	85511	86366	85166	85681	0.72	cps
Strontium	86-1	81844	81766	83693	82435	1.32	cps
Strontium	88-1	690888	726473	727453	714938	2.91	cps
Sulfur	34-1	443094	429162	411845	428033	3.66	cps
Terbium	159-1	15250239	15246274	15273505	15256673	0.10	cps
Terbium	159-2	8880028	8869784	8724063	8824625	0.99	cps
Thallium	203-1	1000	875	875	917	7.87	cps
Thallium	205-1	2017	2192	2100	2103	4.16	cps
Tin	118-1	2309	2317	2484	2370	4.17	cps
Titanium	47-1	49754	23925	27732	33803	41.25	cps
Uranium	238-1	8011	8387	8436	8278	2.81	cps
Vanadium	51-2	25856	25476	25349	25560	1.03	cps
Yttrium	89-1	13526472	13636706	13549059	13570746	0.43	cps
Yttrium	89-2	2803914	2829583	2804576	2812691	0.52	cps
Zinc	66-2	6278	6305	6271	6285	0.28	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-07	Instrumnet Name :	P7
Client Sample ID :	MDANA6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:47:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15754	14458	17499	15904	9.60	cps
Zirconium	91-1	3592	3617	3184	3465	7.03	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1144089	1147310	1144462	1145287	0.15	cps
Antimony	121-1	3451	3301	2759	3170	11.48	cps
Arsenic	75-1	11224	9963	12833	11340	12.68	cps
Barium	135-1	24865	24773	25483	25040	1.54	cps
Barium	137-1	42809	42550	42508	42622	0.38	cps
Beryllium	9-1	133	144	100	126	18.37	cps
Bismuth	209-1	9503390	9545297	9408039	9485575	0.74	cps
Bismuth	209-2	6056529	6163005	6093821	6104452	0.89	cps
Boron	10-1	875	908	867	883	2.50	cps
Boron	11-1	5460	4876	4618	4984	8.65	cps
Cadmium	111-1	3335	3353	3388	3359	0.81	cps
Cadmium	106-1	4701	4726	4793	4740	1.00	cps
Cadmium	108-1	50	38	42	43	14.78	cps
Calcium	43-1	106599	108991	109430	108340	1.41	cps
Calcium	44-1	1765718	1789359	1792998	1782692	0.83	cps
Chromium	52-2	31230	31374	31093	31232	0.45	cps
Cobalt	59-2	570	663	750	661	13.62	cps
Copper	63-2	8409	8676	8299	8461	2.29	cps
Dysprosium	156-1	3867	3684	3992	3848	4.03	cps
Dysprosium	156-2	2327	2250	2410	2329	3.44	cps
Erbium	164-1	2534	2425	2692	2550	5.26	cps
Erbium	164-2	1397	1390	1460	1416	2.73	cps
Gadolinium	160-1	3000	3192	2975	3056	3.88	cps
Gadolinium	160-2	2267	2207	2260	2245	1.47	cps
Holmium	165-1	14906133	15045446	14816941	14922840	0.77	cps
Holmium	165-2	8800595	8852867	8726173	8793212	0.72	cps
Indium	115-1	12802989	12835615	12679138	12772581	0.65	cps
Indium	115-2	3521053	3576041	3541510	3546201	0.78	cps
Iron	56-2	1417074	1432041	1426031	1425049	0.53	cps
Iron	57-2	35527	35956	37037	36173	2.15	cps
Krypton	83-1	710	743	710	721	2.67	cps
Lead	206-1	51032	51913	52704	51883	1.61	cps
Lead	207-1	41761	42591	42909	42420	1.40	cps
Lead	208-1	197923	201101	203095	200706	1.30	cps
Lithium	6-1	1269109	1230807	1198712	1232876	2.86	cps
Magnesium	24-2	24154	24738	23970	24287	1.65	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2360	2711	2574	2548	6.93	cps
Molybdenum	94-1	5643	5827	7201	6224	13.68	cps
Molybdenum	95-1	250	258	350	286	19.39	cps
Molybdenum	96-1	1392	1300	1350	1347	3.41	cps
Molybdenum	97-1	325	333	342	333	2.50	cps
Molybdenum	98-1	675	683	458	606	21.07	cps
Neodymium	150-1	6889	6208	6815	6637	5.63	cps
Neodymium	150-2	3387	3554	3247	3396	4.52	cps
Nickel	60-2	2754	2990	2854	2866	4.15	cps
Phosphorus	31-2	4584	4101	4359	4348	5.56	cps
Potassium	39-2	95078	95121	97141	95780	1.23	cps
Rhodium	103-1	12242957	12303759	12179887	12242201	0.51	cps
Rhodium	103-2	6492195	6616127	6535566	6547963	0.96	cps
Scandium	45-1	7925732	7831173	7797984	7851630	0.84	cps
Scandium	45-2	558608	565136	551186	558310	1.25	cps
Selenium	77-2	27	40	23	30	29.40	cps
Selenium	78-2	198	198	198	198	0.00	cps
Selenium	82-1	55	10	63	43	67.39	cps
Silicon	28-1	9052959	8816714	9002694	8957456	1.39	cps
Silver	109-1	1150	1150	1017	1106	6.96	cps
Silver	107-1	1183	1167	1292	1214	5.59	cps
Sodium	23-2	87220	88041	90452	88571	1.90	cps
Strontium	86-1	135374	138353	139799	137842	1.64	cps
Strontium	88-1	1179925	1204240	1225640	1203268	1.90	cps
Sulfur	34-1	364065	360213	359911	361396	0.64	cps
Terbium	159-1	15563920	15704718	15425733	15564790	0.90	cps
Terbium	159-2	8876217	8979915	8806719	8887617	0.98	cps
Thallium	203-1	942	933	758	878	11.79	cps
Thallium	205-1	1884	1875	1759	1839	3.80	cps
Tin	118-1	2867	2542	2675	2695	6.06	cps
Titanium	47-1	27014	67921	30281	41739	54.47	cps
Uranium	238-1	12498	12556	12582	12545	0.34	cps
Vanadium	51-2	12516	12539	12809	12621	1.29	cps
Yttrium	89-1	13740606	13679107	13685319	13701677	0.25	cps
Yttrium	89-2	2799109	2868833	2819117	2829020	1.27	cps
Zinc	66-2	2890	2860	2800	2850	1.61	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-08	Instrumnet Name :	P7
Client Sample ID :	MDANA7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15152	16507	15109	15589	5.10	cps
Zirconium	91-1	3242	3392	3117	3251	4.24	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348329	347983	344806	347039	0.56	cps
Antimony	121-1	2342	2367	1967	2225	10.07	cps
Arsenic	75-1	18806	18237	18832	18625	1.81	cps
Barium	135-1	32188	35287	33107	33527	4.75	cps
Barium	137-1	55193	57696	55662	56184	2.37	cps
Beryllium	9-1	100	83	67	83	20.00	cps
Bismuth	209-1	9261294	9295197	9163587	9240026	0.74	cps
Bismuth	209-2	5903640	6139582	6044796	6029339	1.97	cps
Boron	10-1	842	708	775	775	8.60	cps
Boron	11-1	4476	4242	3834	4184	7.76	cps
Cadmium	111-1	3336	3310	3356	3334	0.68	cps
Cadmium	106-1	4526	4518	4509	4518	0.18	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	49685	49125	50069	49626	0.96	cps
Calcium	44-1	814048	809217	824836	816033	0.98	cps
Chromium	52-2	27189	28034	28074	27765	1.80	cps
Cobalt	59-2	870	730	707	769	11.49	cps
Copper	63-2	17888	18475	19053	18472	3.15	cps
Dysprosium	156-1	1892	2084	1792	1922	7.71	cps
Dysprosium	156-2	1040	1003	1017	1020	1.82	cps
Erbium	164-1	1192	1350	1233	1258	6.52	cps
Erbium	164-2	750	780	767	766	1.96	cps
Gadolinium	160-1	1592	1842	1784	1739	7.52	cps
Gadolinium	160-2	1157	1050	1110	1106	4.84	cps
Holmium	165-1	14589784	14677627	14499355	14588922	0.61	cps
Holmium	165-2	8523122	8722575	8567098	8604265	1.22	cps
Indium	115-1	12551857	12434362	12271497	12419239	1.13	cps
Indium	115-2	3410318	3567998	3499363	3492560	2.26	cps
Iron	56-2	2289919	2312817	2348896	2317211	1.28	cps
Iron	57-2	56749	58440	56504	57231	1.84	cps
Krypton	83-1	757	777	747	760	2.01	cps
Lead	206-1	91971	93997	93275	93081	1.10	cps
Lead	207-1	74972	75849	75883	75568	0.68	cps
Lead	208-1	353676	357458	358093	356409	0.67	cps
Lithium	6-1	1145480	1117756	1098417	1120551	2.11	cps
Magnesium	24-2	12990	12573	13882	13148	5.09	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11605	11361	13346	12104	8.94	cps
Molybdenum	94-1	4534	2809	3352	3565	24.74	cps
Molybdenum	95-1	492	525	517	511	3.39	cps
Molybdenum	96-1	1017	950	842	936	9.44	cps
Molybdenum	97-1	608	525	600	578	7.94	cps
Molybdenum	98-1	800	967	775	847	12.30	cps
Neodymium	150-1	3054	2634	2807	2832	7.46	cps
Neodymium	150-2	3268	1523	1537	2109	47.56	cps
Nickel	60-2	3774	3834	4044	3884	3.65	cps
Phosphorus	31-2	4326	4076	4301	4234	3.25	cps
Potassium	39-2	91751	93294	92321	92455	0.84	cps
Rhodium	103-1	12141077	12090423	11906756	12046086	1.02	cps
Rhodium	103-2	6352766	6572515	6480758	6468680	1.71	cps
Scandium	45-1	7566058	7495775	7463653	7508495	0.70	cps
Scandium	45-2	541824	560371	545934	549376	1.77	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	181	196	226	201	11.25	cps
Selenium	82-1	-2	-106	-95	-68	-84.03	cps
Silicon	28-1	3758781	4557781	4057702	4124755	9.79	cps
Silver	109-1	1125	1083	1108	1106	1.90	cps
Silver	107-1	1283	1483	1350	1372	7.42	cps
Sodium	23-2	92434	93994	94447	93625	1.13	cps
Strontium	86-1	24121	26291	24998	25137	4.34	cps
Strontium	88-1	203203	288170	207811	233061	20.50	cps
Sulfur	34-1	347109	345289	343144	345181	0.57	cps
Terbium	159-1	15150213	15357926	15140650	15216263	0.81	cps
Terbium	159-2	8662712	8816536	8686348	8721865	0.95	cps
Thallium	203-1	692	742	667	700	5.46	cps
Thallium	205-1	1550	1767	1475	1597	9.48	cps
Tin	118-1	14750	14550	13824	14375	3.39	cps
Titanium	47-1	47594	27105	34774	36491	28.37	cps
Uranium	238-1	5852	6010	6010	5957	1.54	cps
Vanadium	51-2	9040	9717	9667	9474	3.98	cps
Yttrium	89-1	13425335	13415202	13216867	13352468	0.88	cps
Yttrium	89-2	2746533	2839618	2774839	2786996	1.71	cps
Zinc	66-2	11081	11265	11018	11121	1.15	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-09	Instrumnet Name :	P7
Client Sample ID :	MDANA8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:54:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18378	7511	5935	10608	63.87	cps
Zirconium	91-1	1500	1859	1859	1740	11.91	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74226	72036	76782	74348	3.20	cps
Antimony	121-1	2000	1984	1975	1986	0.64	cps
Arsenic	75-1	1759	2438	3906	2701	40.63	cps
Barium	135-1	36206	38646	37594	37482	3.27	cps
Barium	137-1	63915	63446	66275	64545	2.35	cps
Beryllium	9-1	28	50	44	41	28.38	cps
Bismuth	209-1	8993908	8975436	8905087	8958143	0.52	cps
Bismuth	209-2	5848765	5913868	5930501	5897712	0.73	cps
Boron	10-1	858	633	683	725	16.30	cps
Boron	11-1	3901	3609	3567	3692	4.92	cps
Cadmium	111-1	3238	3119	2801	3053	7.40	cps
Cadmium	106-1	4493	4293	3842	4209	7.91	cps
Cadmium	108-1	33	33	25	31	15.74	cps
Calcium	43-1	24579	25214	25473	25089	1.83	cps
Calcium	44-1	411261	407251	413477	410663	0.77	cps
Chromium	52-2	28862	28454	28919	28745	0.88	cps
Cobalt	59-2	520	677	673	623	14.36	cps
Copper	63-2	11141	10964	11174	11093	1.02	cps
Dysprosium	156-1	808	808	867	828	4.07	cps
Dysprosium	156-2	497	450	470	472	4.96	cps
Erbium	164-1	442	500	558	500	11.67	cps
Erbium	164-2	317	333	363	338	7.00	cps
Gadolinium	160-1	1017	658	733	803	23.54	cps
Gadolinium	160-2	680	540	650	623	11.83	cps
Holmium	165-1	14169520	14268121	14315553	14251065	0.52	cps
Holmium	165-2	8465277	8574464	8673595	8571112	1.22	cps
Indium	115-1	12165601	12172562	12162362	12166842	0.04	cps
Indium	115-2	3443960	3506040	3507579	3485860	1.04	cps
Iron	56-2	1085239	1082779	1091835	1086617	0.43	cps
Iron	57-2	28584	27187	27354	27708	2.75	cps
Krypton	83-1	763	760	873	799	8.07	cps
Lead	206-1	71324	70503	74078	71968	2.60	cps
Lead	207-1	57513	59171	59232	58639	1.66	cps
Lead	208-1	272203	277062	280133	276466	1.45	cps
Lithium	6-1	1057563	1033129	1028561	1039751	1.50	cps
Magnesium	24-2	6547	5726	6010	6095	6.84	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9002	8306	8132	8480	5.43	cps
Molybdenum	94-1	1067	1075	1225	1122	7.94	cps
Molybdenum	95-1	425	475	317	406	19.96	cps
Molybdenum	96-1	558	792	808	720	19.44	cps
Molybdenum	97-1	417	383	358	386	7.58	cps
Molybdenum	98-1	708	708	550	656	13.94	cps
Neodymium	150-1	1607	1327	1533	1489	9.75	cps
Neodymium	150-2	830	767	670	756	10.66	cps
Nickel	60-2	4461	4087	4131	4226	4.83	cps
Phosphorus	31-2	1884	2184	1792	1953	10.49	cps
Potassium	39-2	88128	90014	89235	89125	1.06	cps
Rhodium	103-1	11679260	11666804	11678277	11674780	0.06	cps
Rhodium	103-2	6369150	6501855	6419874	6430293	1.04	cps
Scandium	45-1	7369892	7336251	7294082	7333408	0.52	cps
Scandium	45-2	536078	549071	542606	542585	1.20	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	159	194	172	175	10.15	cps
Selenium	82-1	7	-64	-176	-78	-118.97	cps
Silicon	28-1	1886816	1720260	1906128	1837735	5.56	cps
Silver	109-1	933	1042	1175	1050	11.53	cps
Silver	107-1	1367	1250	1025	1214	14.31	cps
Sodium	23-2	81614	84119	84279	83337	1.79	cps
Strontium	86-1	33206	32488	33273	32989	1.32	cps
Strontium	88-1	278601	277524	283444	279856	1.13	cps
Sulfur	34-1	360374	356912	353405	356897	0.98	cps
Terbium	159-1	14885158	14987424	14883307	14918630	0.40	cps
Terbium	159-2	8616306	8711266	8694971	8674181	0.59	cps
Thallium	203-1	667	683	683	678	1.42	cps
Thallium	205-1	1400	1433	1317	1383	4.34	cps
Tin	118-1	3876	4134	3717	3909	5.38	cps
Titanium	47-1	41721	33244	79935	51633	48.17	cps
Uranium	238-1	1759	2050	2142	1984	10.09	cps
Vanadium	51-2	5628	5731	6178	5846	5.00	cps
Yttrium	89-1	13176233	13195059	13064386	13145226	0.54	cps
Yttrium	89-2	2723805	2799265	2771056	2764709	1.38	cps
Zinc	66-2	17320	17624	17387	17444	0.91	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-10	Instrumnet Name :	P7
Client Sample ID :	MDANA9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:57:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4081	2009	2267	2785	40.53	cps
Zirconium	91-1	917	550	2548	1338	79.45	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92419	98294	92798	94504	3.48	cps
Antimony	121-1	2809	2959	2959	2909	2.98	cps
Arsenic	75-1	7977	6259	7418	7218	12.14	cps
Barium	135-1	71225	70395	71250	70957	0.69	cps
Barium	137-1	121201	121832	125455	122829	1.87	cps
Beryllium	9-1	67	39	78	61	32.78	cps
Bismuth	209-1	8821562	8929859	8864288	8871903	0.61	cps
Bismuth	209-2	5966337	6078236	5807178	5950584	2.29	cps
Boron	10-1	725	700	708	711	1.79	cps
Boron	11-1	3784	3792	3892	3823	1.58	cps
Cadmium	111-1	4990	4651	4960	4867	3.85	cps
Cadmium	106-1	4534	4484	4676	4565	2.18	cps
Cadmium	108-1	233	459	179	290	51.07	cps
Calcium	43-1	65730	65823	67673	66409	1.65	cps
Calcium	44-1	1066402	1088699	1089920	1081674	1.22	cps
Chromium	52-2	23452	22608	23028	23030	1.83	cps
Cobalt	59-2	4054	4224	3841	4040	4.76	cps
Copper	63-2	98533	98912	98331	98592	0.30	cps
Dysprosium	156-1	1634	1667	1542	1614	4.01	cps
Dysprosium	156-2	1073	803	1000	959	14.56	cps
Erbium	164-1	1192	1250	1383	1275	7.71	cps
Erbium	164-2	713	843	817	791	8.68	cps
Gadolinium	160-1	1550	1500	1492	1514	2.08	cps
Gadolinium	160-2	990	1150	1017	1052	8.15	cps
Holmium	165-1	14039759	14020753	14181515	14080676	0.62	cps
Holmium	165-2	8602147	8632478	8310845	8515157	2.09	cps
Indium	115-1	11755867	12087004	12127985	11990285	1.70	cps
Indium	115-2	3517132	3544459	3415794	3492461	1.94	cps
Iron	56-2	4611623	4596775	4508126	4572175	1.22	cps
Iron	57-2	112882	113369	110435	112229	1.40	cps
Krypton	83-1	753	783	747	761	2.57	cps
Lead	206-1	372088	375529	384293	377303	1.67	cps
Lead	207-1	308313	309415	310890	309539	0.42	cps
Lead	208-1	1435994	1448113	1464218	1449442	0.98	cps
Lithium	6-1	1025094	1001861	983805	1003587	2.06	cps
Magnesium	24-2	19296	19297	19121	19238	0.53	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193679	192971	188700	191783	1.40	cps
Molybdenum	94-1	2459	2734	2734	2642	6.01	cps
Molybdenum	95-1	592	408	517	506	18.23	cps
Molybdenum	96-1	858	1100	858	939	14.86	cps
Molybdenum	97-1	508	483	700	564	21.02	cps
Molybdenum	98-1	767	1008	717	831	18.78	cps
Neodymium	150-1	2414	2667	2127	2403	11.25	cps
Neodymium	150-2	1303	1333	1230	1289	4.12	cps
Nickel	60-2	4828	5098	4978	4968	2.72	cps
Phosphorus	31-2	2367	2975	2650	2664	11.43	cps
Potassium	39-2	93552	91188	93838	92859	1.57	cps
Rhodium	103-1	11474286	11648465	11591628	11571460	0.77	cps
Rhodium	103-2	6498038	6519533	6237908	6418493	2.44	cps
Scandium	45-1	7242183	7247364	7194028	7227858	0.41	cps
Scandium	45-2	555312	551466	532563	546447	2.23	cps
Selenium	77-2	10	17	3	10	66.70	cps
Selenium	78-2	183	196	194	191	3.66	cps
Selenium	82-1	-4	-93	-90	-62	-81.15	cps
Silicon	28-1	1992577	1449051	2189515	1877048	20.43	cps
Silver	109-1	2167	2209	2117	2164	2.12	cps
Silver	107-1	2392	2600	2142	2378	9.65	cps
Sodium	23-2	91437	89324	90614	90458	1.18	cps
Strontium	86-1	45348	46234	46384	45989	1.22	cps
Strontium	88-1	387157	390764	388078	388667	0.48	cps
Sulfur	34-1	379622	381296	378002	379640	0.43	cps
Terbium	159-1	14598951	14712476	14703022	14671483	0.43	cps
Terbium	159-2	8838850	8741362	8471431	8683881	2.19	cps
Thallium	203-1	675	533	492	567	16.96	cps
Thallium	205-1	1408	1250	1567	1408	11.24	cps
Tin	118-1	23387	24030	23955	23790	1.48	cps
Titanium	47-1	22235	22775	62418	35809	64.36	cps
Uranium	238-1	8020	8320	7619	7986	4.40	cps
Vanadium	51-2	13333	13213	12986	13177	1.34	cps
Yttrium	89-1	12913570	12997336	12938736	12949881	0.33	cps
Yttrium	89-2	2820238	2822349	2702855	2781814	2.46	cps
Zinc	66-2	399007	398513	390777	396099	1.17	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-11	Instrumnet Name :	P7
Client Sample ID :	MDANB0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:01:20	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6094	6427	6610	6377	4.11	cps
Zirconium	91-1	1534	1559	1525	1539	1.13	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77243	76441	77621	77102	0.78	cps
Antimony	121-1	2817	2750	2517	2695	5.85	cps
Arsenic	75-1	2189	4061	4031	3427	31.29	cps
Barium	135-1	45818	45617	46546	45994	1.06	cps
Barium	137-1	78498	79184	81599	79760	2.04	cps
Beryllium	9-1	28	28	61	39	49.48	cps
Bismuth	209-1	9089031	9035642	8846920	8990531	1.41	cps
Bismuth	209-2	5798238	6001295	5845505	5881679	1.81	cps
Boron	10-1	792	650	558	667	17.63	cps
Boron	11-1	4067	3867	3317	3751	10.36	cps
Cadmium	111-1	3402	3208	3221	3277	3.32	cps
Cadmium	106-1	4534	4368	4376	4426	2.12	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	61270	61621	59772	60887	1.61	cps
Calcium	44-1	995493	1003077	996811	998460	0.41	cps
Chromium	52-2	12309	12045	12592	12315	2.22	cps
Cobalt	59-2	897	930	870	899	3.34	cps
Copper	63-2	22321	22097	22317	22245	0.58	cps
Dysprosium	156-1	825	900	900	875	4.95	cps
Dysprosium	156-2	517	513	620	550	11.03	cps
Erbium	164-1	600	600	492	564	11.09	cps
Erbium	164-2	370	413	327	370	11.71	cps
Gadolinium	160-1	717	850	792	786	8.50	cps
Gadolinium	160-2	717	673	590	660	9.75	cps
Holmium	165-1	14533233	14501245	14125557	14386678	1.58	cps
Holmium	165-2	8358462	8549158	8470309	8459310	1.13	cps
Indium	115-1	12332125	12318905	11976238	12209089	1.65	cps
Indium	115-2	3401358	3500666	3449055	3450360	1.44	cps
Iron	56-2	1280625	1286222	1307423	1291423	1.09	cps
Iron	57-2	33194	32737	32665	32865	0.87	cps
Krypton	83-1	817	690	803	770	9.04	cps
Lead	206-1	64171	65785	64836	64931	1.25	cps
Lead	207-1	51539	53854	53832	53075	2.51	cps
Lead	208-1	246044	251144	249994	249061	1.07	cps
Lithium	6-1	1017423	1008944	962769	996379	2.95	cps
Magnesium	24-2	17169	17269	17411	17283	0.70	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29152	29550	29383	29362	0.68	cps
Molybdenum	94-1	2144	1592	1534	1757	19.17	cps
Molybdenum	95-1	192	300	283	258	22.58	cps
Molybdenum	96-1	567	500	508	525	6.92	cps
Molybdenum	97-1	383	383	350	372	5.17	cps
Molybdenum	98-1	358	517	408	428	18.92	cps
Neodymium	150-1	1413	1433	1467	1438	1.87	cps
Neodymium	150-2	1497	810	767	1025	39.99	cps
Nickel	60-2	2064	2054	2170	2096	3.09	cps
Phosphorus	31-2	1325	1133	1250	1236	7.81	cps
Potassium	39-2	90333	89193	90920	90149	0.97	cps
Rhodium	103-1	11783438	11856957	11607855	11749417	1.09	cps
Rhodium	103-2	6288590	6462344	6326740	6359225	1.44	cps
Scandium	45-1	7483932	7375721	7297221	7385624	1.27	cps
Scandium	45-2	537527	552854	545104	545162	1.41	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	194	202	174	190	7.57	cps
Selenium	82-1	-129	-2	-86	-72	-88.88	cps
Silicon	28-1	2212079	2027472	2157185	2132245	4.45	cps
Silver	109-1	1408	1150	1300	1286	10.09	cps
Silver	107-1	1342	1350	1150	1281	8.84	cps
Sodium	23-2	83910	83984	84579	84158	0.44	cps
Strontium	86-1	24480	25148	24848	24825	1.35	cps
Strontium	88-1	212487	213801	215338	213875	0.67	cps
Sulfur	34-1	408308	403376	404258	405314	0.65	cps
Terbium	159-1	15011020	14997397	14799202	14935873	0.79	cps
Terbium	159-2	8532777	8758310	8674908	8655332	1.32	cps
Thallium	203-1	667	567	450	561	19.33	cps
Thallium	205-1	1092	1133	1233	1153	6.32	cps
Tin	118-1	3367	3167	3234	3256	3.13	cps
Titanium	47-1	22178	39198	17340	26239	43.76	cps
Uranium	238-1	2200	2342	2100	2214	5.49	cps
Vanadium	51-2	7028	7205	6958	7064	1.80	cps
Yttrium	89-1	13286083	13238225	12997552	13173953	1.17	cps
Yttrium	89-2	2716445	2792401	2734712	2747853	1.44	cps
Zinc	66-2	17411	17451	17354	17405	0.28	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-12	Instrumnet Name :	P7
Client Sample ID :	MDANB1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:04:55	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2934	3134	4438	3502	23.33	cps
Zirconium	91-1	1905	883	750	1180	53.58	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61028	60291	62586	61301	1.91	cps
Antimony	121-1	3609	3442	3292	3448	4.60	cps
Arsenic	75-1	3102	2927	2823	2951	4.78	cps
Barium	135-1	116377	118041	117711	117376	0.75	cps
Barium	137-1	200654	200572	205179	202135	1.30	cps
Beryllium	9-1	39	39	33	37	8.67	cps
Bismuth	209-1	9088457	9019865	9015586	9041303	0.45	cps
Bismuth	209-2	5762087	5964504	5834206	5853599	1.75	cps
Boron	10-1	708	775	700	728	5.65	cps
Boron	11-1	3784	3442	3317	3514	6.88	cps
Cadmium	111-1	5474	4958	5040	5157	5.38	cps
Cadmium	106-1	5386	4543	4584	4838	9.83	cps
Cadmium	108-1	192	175	117	161	24.44	cps
Calcium	43-1	36321	36889	36153	36454	1.06	cps
Calcium	44-1	597702	597646	599776	598375	0.20	cps
Chromium	52-2	17377	17864	17471	17571	1.47	cps
Cobalt	59-2	2957	2947	2987	2964	0.70	cps
Copper	63-2	179744	179125	177487	178785	0.65	cps
Dysprosium	156-1	875	1008	850	911	9.34	cps
Dysprosium	156-2	430	543	567	513	14.24	cps
Erbium	164-1	633	617	525	592	9.86	cps
Erbium	164-2	360	267	380	336	18.03	cps
Gadolinium	160-1	825	825	825	825	0.00	cps
Gadolinium	160-2	607	597	553	586	4.84	cps
Holmium	165-1	14664001	14463033	14344933	14490656	1.11	cps
Holmium	165-2	8415420	8616573	8523541	8518512	1.18	cps
Indium	115-1	12398957	12332571	12232593	12321374	0.68	cps
Indium	115-2	3433535	3479173	3450804	3454504	0.67	cps
Iron	56-2	2502792	2477356	2472598	2484249	0.65	cps
Iron	57-2	62187	62640	61390	62072	1.02	cps
Krypton	83-1	717	760	787	754	4.68	cps
Lead	206-1	52967	52632	53045	52881	0.41	cps
Lead	207-1	42741	43198	41950	42630	1.48	cps
Lead	208-1	200507	202475	201776	201586	0.49	cps
Lithium	6-1	995862	1000902	954533	983766	2.59	cps
Magnesium	24-2	7469	7152	7252	7291	2.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107922	108584	108366	108291	0.31	cps
Molybdenum	94-1	917	900	1050	956	8.60	cps
Molybdenum	95-1	367	433	533	444	18.87	cps
Molybdenum	96-1	550	1059	758	789	32.41	cps
Molybdenum	97-1	542	358	333	411	27.67	cps
Molybdenum	98-1	775	767	833	792	4.59	cps
Neodymium	150-1	1473	1553	1734	1587	8.39	cps
Neodymium	150-2	777	820	883	827	6.49	cps
Nickel	60-2	3817	4117	4067	4001	4.02	cps
Phosphorus	31-2	3059	2950	2684	2898	6.66	cps
Potassium	39-2	91406	90342	91078	90942	0.60	cps
Rhodium	103-1	11866915	11864750	11805670	11845778	0.29	cps
Rhodium	103-2	6363704	6456216	6383797	6401239	0.76	cps
Scandium	45-1	7566969	7433471	7306876	7435772	1.75	cps
Scandium	45-2	540916	551058	541038	544337	1.07	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	170	165	176	170	3.26	cps
Selenium	82-1	-51	-60	-105	-72	-40.13	cps
Silicon	28-1	2207916	1740999	1541405	1830107	18.69	cps
Silver	109-1	1925	2475	2042	2147	13.50	cps
Silver	107-1	2300	1909	1967	2059	10.27	cps
Sodium	23-2	83005	83029	83390	83142	0.26	cps
Strontium	86-1	57031	55909	58638	57192	2.40	cps
Strontium	88-1	480574	494674	486402	487217	1.45	cps
Sulfur	34-1	419579	416079	412203	415954	0.89	cps
Terbium	159-1	15275333	14995686	14933460	15068160	1.21	cps
Terbium	159-2	8582755	8698890	8597468	8626371	0.73	cps
Thallium	203-1	508	525	383	472	16.40	cps
Thallium	205-1	1033	1000	983	1006	2.53	cps
Tin	118-1	3509	2892	2950	3117	10.92	cps
Titanium	47-1	19143	20216	37729	25696	40.61	cps
Uranium	238-1	1533	1667	1500	1567	5.63	cps
Vanadium	51-2	5261	5241	5384	5295	1.47	cps
Yttrium	89-1	13404576	13199674	13206391	13270213	0.88	cps
Yttrium	89-2	2737345	2789253	2757472	2761357	0.95	cps
Zinc	66-2	116416	116379	116991	116595	0.29	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-13	Instrumnet Name :	P7
Client Sample ID :	MDANB2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:08:30	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2117	4353	3556	3342	33.91	cps
Zirconium	91-1	442	584	392	472	21.07	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	469111	473604	470924	471213	0.48	cps
Antimony	121-1	4017	3742	3584	3781	5.80	cps
Arsenic	75-1	4552	3644	4514	4237	12.12	cps
Barium	135-1	154881	157364	152563	154936	1.55	cps
Barium	137-1	263378	264526	265937	264614	0.48	cps
Beryllium	9-1	178	244	194	206	16.88	cps
Bismuth	209-1	9172119	9426496	9264283	9287633	1.39	cps
Bismuth	209-2	6005261	6049275	5944655	5999730	0.88	cps
Boron	10-1	992	1033	975	1000	3.00	cps
Boron	11-1	4884	4709	4951	4848	2.58	cps
Cadmium	111-1	6806	6832	6351	6663	4.06	cps
Cadmium	106-1	5401	5301	4859	5187	5.56	cps
Cadmium	108-1	346	333	317	332	4.41	cps
Calcium	43-1	1696682	1712848	1691601	1700377	0.65	cps
Calcium	44-1	27846183	28104220	27838829	27929744	0.54	cps
Chromium	52-2	38470	37625	37956	38017	1.12	cps
Cobalt	59-2	6378	6345	6131	6285	2.13	cps
Copper	63-2	102751	102487	105064	103434	1.37	cps
Dysprosium	156-1	4393	4318	4184	4298	2.46	cps
Dysprosium	156-2	2680	2664	2600	2648	1.59	cps
Erbium	164-1	3976	4126	3892	3998	2.96	cps
Erbium	164-2	2340	2414	2394	2382	1.59	cps
Gadolinium	160-1	4184	4101	4109	4131	1.11	cps
Gadolinium	160-2	2567	2690	2690	2649	2.69	cps
Holmium	165-1	14635201	15148361	14746754	14843439	1.82	cps
Holmium	165-2	8773744	8705214	8635042	8704667	0.80	cps
Indium	115-1	12401931	12691769	12411762	12501821	1.32	cps
Indium	115-2	3516277	3500889	3475182	3497449	0.59	cps
Iron	56-2	9400900	9201527	9412815	9338414	1.27	cps
Iron	57-2	233560	230641	234292	232831	0.83	cps
Krypton	83-1	707	823	733	754	8.10	cps
Lead	206-1	389363	397257	391098	392572	1.06	cps
Lead	207-1	323294	328798	324552	325548	0.89	cps
Lead	208-1	1494975	1524524	1510994	1510165	0.98	cps
Lithium	6-1	998690	1011503	982829	997674	1.44	cps
Magnesium	24-2	241304	234932	233784	236673	1.71	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177291	175856	179751	177633	1.11	cps
Molybdenum	94-1	25255	32542	27405	28401	13.18	cps
Molybdenum	95-1	1058	1358	1108	1175	13.68	cps
Molybdenum	96-1	5277	6378	6181	5945	9.88	cps
Molybdenum	97-1	700	1000	767	822	19.16	cps
Molybdenum	98-1	1850	1658	1767	1759	5.47	cps
Neodymium	150-1	6609	6735	6355	6566	2.95	cps
Neodymium	150-2	3324	3297	3274	3298	0.76	cps
Nickel	60-2	7609	7826	7355	7597	3.10	cps
Phosphorus	31-2	2500	2675	2584	2586	3.39	cps
Potassium	39-2	111835	108940	113866	111547	2.22	cps
Rhodium	103-1	11772095	12036622	11773775	11860830	1.28	cps
Rhodium	103-2	6516413	6473680	6312401	6434165	1.67	cps
Scandium	45-1	7448692	7658109	7392275	7499692	1.87	cps
Scandium	45-2	551362	547959	543303	547541	0.74	cps
Selenium	77-2	20	33	10	21	55.45	cps
Selenium	78-2	163	187	156	169	9.77	cps
Selenium	82-1	55	-71	1	-5	-1251.73	cps
Silicon	28-1	6300392	6365058	6679119	6448190	3.14	cps
Silver	109-1	2142	1850	2067	2020	7.50	cps
Silver	107-1	2267	2034	2009	2103	6.78	cps
Sodium	23-2	93406	94414	93767	93863	0.54	cps
Strontium	86-1	205003	206286	202635	204641	0.91	cps
Strontium	88-1	1805431	1801139	1778877	1795149	0.79	cps
Sulfur	34-1	455440	458772	458996	457736	0.44	cps
Terbium	159-1	15291669	15728403	15191678	15403917	1.85	cps
Terbium	159-2	8809682	8802794	8767644	8793373	0.26	cps
Thallium	203-1	925	833	767	842	9.45	cps
Thallium	205-1	2467	2509	2117	2364	9.10	cps
Tin	118-1	18263	19364	18571	18733	3.03	cps
Titanium	47-1	124877	122752	96758	114796	13.64	cps
Uranium	238-1	8103	8395	8620	8373	3.10	cps
Vanadium	51-2	18208	17764	18365	18112	1.72	cps
Yttrium	89-1	13581864	13804629	13441408	13609300	1.35	cps
Yttrium	89-2	2810172	2820403	2744034	2791537	1.49	cps
Zinc	66-2	134916	135293	135784	135331	0.32	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-14	Instrumnet Name :	P7
Client Sample ID :	MDANB3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:12:05	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	79755	74632	77146	77177	3.32	cps
Zirconium	91-1	16890	17375	16114	16793	3.79	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69086	71763	74861	71903	4.02	cps
Antimony	121-1	1584	1433	1717	1578	8.98	cps
Arsenic	75-1	2753	613	2208	1858	59.87	cps
Barium	135-1	25149	25325	24932	25135	0.78	cps
Barium	137-1	43251	44104	41939	43098	2.53	cps
Beryllium	9-1	72	17	22	37	82.61	cps
Bismuth	209-1	9149865	9039020	9040492	9076459	0.70	cps
Bismuth	209-2	5870762	5877866	5762479	5837035	1.11	cps
Boron	10-1	600	792	692	694	13.81	cps
Boron	11-1	3767	3492	3075	3445	10.11	cps
Cadmium	111-1	3116	3117	3158	3130	0.76	cps
Cadmium	106-1	4418	4484	4484	4462	0.86	cps
Cadmium	108-1	25	79	21	42	78.12	cps
Calcium	43-1	32545	33256	34458	33419	2.89	cps
Calcium	44-1	561051	556891	570713	562885	1.26	cps
Chromium	52-2	44830	41017	41204	42350	5.07	cps
Cobalt	59-2	823	790	843	819	3.29	cps
Copper	63-2	8886	9070	9170	9042	1.59	cps
Dysprosium	156-1	1375	1258	1233	1289	5.87	cps
Dysprosium	156-2	720	683	810	738	8.83	cps
Erbium	164-1	875	633	800	770	16.08	cps
Erbium	164-2	453	463	583	500	14.47	cps
Gadolinium	160-1	1075	1042	1108	1075	3.10	cps
Gadolinium	160-2	853	833	840	842	1.21	cps
Holmium	165-1	14383816	14382138	14376643	14380866	0.03	cps
Holmium	165-2	8477961	8519667	8324143	8440590	1.22	cps
Indium	115-1	12090705	12195795	12107210	12131237	0.47	cps
Indium	115-2	3366054	3405771	3358841	3376889	0.75	cps
Iron	56-2	810225	830284	829901	823470	1.39	cps
Iron	57-2	21722	21128	20954	21268	1.89	cps
Krypton	83-1	823	677	837	779	11.40	cps
Lead	206-1	21841	21318	22130	21763	1.89	cps
Lead	207-1	17651	17590	18180	17807	1.82	cps
Lead	208-1	83220	83265	85052	83846	1.25	cps
Lithium	6-1	1020507	1002972	968278	997252	2.67	cps
Magnesium	24-2	11030	10796	10980	10935	1.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4954	5918	5458	5443	8.86	cps
Molybdenum	94-1	983	1375	3267	1875	65.12	cps
Molybdenum	95-1	492	475	508	492	3.39	cps
Molybdenum	96-1	858	1076	700	878	21.47	cps
Molybdenum	97-1	525	475	542	514	6.75	cps
Molybdenum	98-1	992	750	667	803	21.03	cps
Neodymium	150-1	2354	2280	2294	2309	1.69	cps
Neodymium	150-2	1147	1240	1287	1225	5.82	cps
Nickel	60-2	7425	8816	7762	8001	9.07	cps
Phosphorus	31-2	1042	1033	1050	1042	0.80	cps
Potassium	39-2	90567	90174	91885	90875	0.99	cps
Rhodium	103-1	11705495	11603838	11541407	11616913	0.71	cps
Rhodium	103-2	6274367	6339684	6222401	6278818	0.94	cps
Scandium	45-1	7303604	7178506	7089489	7190533	1.50	cps
Scandium	45-2	527992	528905	522307	526401	0.68	cps
Selenium	77-2	7	0	23	10	120.16	cps
Selenium	78-2	146	169	157	157	7.06	cps
Selenium	82-1	-142	-29	-155	-109	-64.14	cps
Silicon	28-1	2434658	2344920	1816471	2198683	15.19	cps
Silver	109-1	792	800	825	806	2.15	cps
Silver	107-1	883	1083	925	964	10.95	cps
Sodium	23-2	79737	79386	80557	79893	0.75	cps
Strontium	86-1	48349	49135	50616	49366	2.33	cps
Strontium	88-1	424152	685594	430982	513576	29.01	cps
Sulfur	34-1	448098	442846	443729	444891	0.63	cps
Terbium	159-1	14984184	14993273	14889966	14955808	0.38	cps
Terbium	159-2	8519810	8566858	8440975	8509214	0.75	cps
Thallium	203-1	383	483	550	472	17.76	cps
Thallium	205-1	1100	1158	842	1033	16.31	cps
Tin	118-1	1742	2100	1900	1914	9.38	cps
Titanium	47-1	31263	13391	45010	29888	53.04	cps
Uranium	238-1	2552	2284	1942	2259	13.53	cps
Vanadium	51-2	5498	5171	6107	5592	8.50	cps
Yttrium	89-1	12835162	12893468	12859889	12862840	0.23	cps
Yttrium	89-2	2656351	2709168	2662714	2676077	1.08	cps
Zinc	66-2	48240	47989	48594	48275	0.63	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-15	Instrumnet Name :	P7
Client Sample ID :	MDANB4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:15:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2292	3194	4956	3481	38.93	cps
Zirconium	91-1	1017	525	642	728	35.32	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71245	70841	71501	71196	0.47	cps
Antimony	121-1	2125	1867	1875	1956	7.51	cps
Arsenic	75-1	2892	3020	2371	2761	12.44	cps
Barium	135-1	18930	19781	20023	19578	2.93	cps
Barium	137-1	33433	33299	35371	34035	3.41	cps
Beryllium	9-1	17	44	61	41	55.10	cps
Bismuth	209-1	8617863	8621748	8739772	8659794	0.80	cps
Bismuth	209-2	5687439	5793285	5825904	5768876	1.25	cps
Boron	10-1	683	667	725	692	4.34	cps
Boron	11-1	3484	3376	2942	3267	8.78	cps
Cadmium	111-1	2750	2798	2911	2819	2.92	cps
Cadmium	106-1	3926	3984	4126	4012	2.56	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	29397	29146	30215	29586	1.89	cps
Calcium	44-1	486622	487185	497742	490517	1.28	cps
Chromium	52-2	20701	21096	20885	20894	0.94	cps
Cobalt	59-2	597	543	577	572	4.71	cps
Copper	63-2	5585	5845	5968	5799	3.38	cps
Dysprosium	156-1	717	625	842	728	14.95	cps
Dysprosium	156-2	547	420	563	510	15.37	cps
Erbium	164-1	425	417	525	456	13.23	cps
Erbium	164-2	233	300	277	270	12.53	cps
Gadolinium	160-1	683	725	583	664	10.97	cps
Gadolinium	160-2	540	710	690	647	14.37	cps
Holmium	165-1	13717441	13633829	13847501	13732924	0.78	cps
Holmium	165-2	8313234	8310758	8334315	8319436	0.16	cps
Indium	115-1	11510698	11514226	11709128	11578017	0.98	cps
Indium	115-2	3352357	3356992	3350031	3353127	0.11	cps
Iron	56-2	742037	755775	770555	756122	1.89	cps
Iron	57-2	18284	19402	19497	19061	3.54	cps
Krypton	83-1	750	753	800	768	3.64	cps
Lead	206-1	24289	23978	24373	24213	0.86	cps
Lead	207-1	19932	19364	20778	20025	3.55	cps
Lead	208-1	92276	90571	94320	92389	2.03	cps
Lithium	6-1	964528	946511	947360	952800	1.07	cps
Magnesium	24-2	7802	8061	7702	7855	2.35	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8029	8556	7796	8127	4.79	cps
Molybdenum	94-1	2297	23987	1292	9192	139.50	cps
Molybdenum	95-1	350	367	317	344	7.39	cps
Molybdenum	96-1	608	517	884	670	28.54	cps
Molybdenum	97-1	500	567	492	520	7.92	cps
Molybdenum	98-1	508	542	542	531	3.63	cps
Neodymium	150-1	1400	1280	1413	1365	5.38	cps
Neodymium	150-2	757	797	737	763	4.00	cps
Nickel	60-2	5000	3407	3514	3974	22.41	cps
Phosphorus	31-2	900	958	883	914	4.31	cps
Potassium	39-2	89126	88239	90283	89216	1.15	cps
Rhodium	103-1	11064406	11137189	11201099	11134232	0.61	cps
Rhodium	103-2	6263047	6290305	6250701	6268018	0.32	cps
Scandium	45-1	6860795	6806461	6907351	6858202	0.74	cps
Scandium	45-2	521263	522430	523381	522358	0.20	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	181	191	152	175	11.63	cps
Selenium	82-1	-135	-72	-140	-116	-32.78	cps
Silicon	28-1	2542025	2986857	2854665	2794515	8.17	cps
Silver	109-1	900	717	792	803	11.48	cps
Silver	107-1	867	1000	833	900	9.80	cps
Sodium	23-2	82787	82669	80106	81854	1.85	cps
Strontium	86-1	14399	14449	15067	14639	2.54	cps
Strontium	88-1	115816	117882	122032	118577	2.67	cps
Sulfur	34-1	432980	430170	427497	430216	0.64	cps
Terbium	159-1	14209377	14350018	14552277	14370557	1.20	cps
Terbium	159-2	8422705	8437557	8508044	8456102	0.54	cps
Thallium	203-1	317	367	375	353	8.94	cps
Thallium	205-1	833	750	675	753	10.52	cps
Tin	118-1	1775	1975	1884	1878	5.33	cps
Titanium	47-1	17479	29037	50722	32413	52.07	cps
Uranium	238-1	1834	1450	1659	1647	11.65	cps
Vanadium	51-2	5578	6105	6071	5918	4.99	cps
Yttrium	89-1	12363421	12414919	12548816	12442386	0.77	cps
Yttrium	89-2	2658173	2682883	2678971	2673342	0.50	cps
Zinc	66-2	1823	1984	1933	1913	4.28	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-16	Instrumnet Name :	P7
Client Sample ID :	MDANB5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:19:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2450	5315	2550	3438	47.27	cps
Zirconium	91-1	775	1586	675	1012	49.38	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970295	991366	984073	981911	1.09	cps
Antimony	121-1	3417	3259	3442	3373	2.95	cps
Arsenic	75-1	3271	3453	3819	3514	7.93	cps
Barium	135-1	55822	57061	56917	56600	1.20	cps
Barium	137-1	97533	98684	97274	97830	0.77	cps
Beryllium	9-1	89	61	128	93	36.17	cps
Bismuth	209-1	9271617	9204960	9284470	9253682	0.46	cps
Bismuth	209-2	6001303	6043040	5937286	5993876	0.89	cps
Boron	10-1	767	558	717	681	15.98	cps
Boron	11-1	3717	3559	3250	3509	6.77	cps
Cadmium	111-1	4591	4795	4552	4646	2.82	cps
Cadmium	106-1	4418	4826	4468	4570	4.87	cps
Cadmium	108-1	163	154	108	142	20.59	cps
Calcium	43-1	71072	71415	69908	70798	1.12	cps
Calcium	44-1	1136460	1140760	1140176	1139132	0.20	cps
Chromium	52-2	31855	31855	33593	32434	3.09	cps
Cobalt	59-2	1337	1213	1247	1266	5.04	cps
Copper	63-2	71303	71541	73688	72177	1.82	cps
Dysprosium	156-1	3234	3017	3059	3103	3.71	cps
Dysprosium	156-2	1820	1823	1803	1816	0.59	cps
Erbium	164-1	1892	1817	1734	1814	4.37	cps
Erbium	164-2	1237	1310	1187	1245	4.99	cps
Gadolinium	160-1	2459	2642	2717	2606	5.10	cps
Gadolinium	160-2	1763	1850	2024	1879	7.05	cps
Holmium	165-1	14756955	14650212	14664450	14690539	0.39	cps
Holmium	165-2	8647721	8621496	8551544	8606920	0.58	cps
Indium	115-1	12289268	12302760	12370529	12320852	0.35	cps
Indium	115-2	3426877	3460908	3391537	3426441	1.01	cps
Iron	56-2	1880852	1874992	1896733	1884192	0.60	cps
Iron	57-2	46691	46676	45477	46281	1.51	cps
Krypton	83-1	777	700	763	747	5.49	cps
Lead	206-1	57162	57748	57324	57411	0.53	cps
Lead	207-1	47708	47619	48121	47816	0.56	cps
Lead	208-1	221589	222343	222948	222293	0.31	cps
Lithium	6-1	1009091	1001488	983030	997870	1.34	cps
Magnesium	24-2	36738	36738	36028	36501	1.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29844	30445	30893	30394	1.73	cps
Molybdenum	94-1	4318	4943	4893	4718	7.37	cps
Molybdenum	95-1	317	383	483	394	21.27	cps
Molybdenum	96-1	1869	1308	1183	1454	25.11	cps
Molybdenum	97-1	392	508	442	447	13.09	cps
Molybdenum	98-1	767	792	550	703	18.91	cps
Neodymium	150-1	5195	4894	5101	5063	3.03	cps
Neodymium	150-2	2864	2594	2960	2806	6.77	cps
Nickel	60-2	6398	5931	6648	6326	5.75	cps
Phosphorus	31-2	20882	21124	20924	20977	0.62	cps
Potassium	39-2	91439	94711	94198	93449	1.88	cps
Rhodium	103-1	12003138	11866453	11851281	11906957	0.70	cps
Rhodium	103-2	6436891	6460162	6345691	6414248	0.94	cps
Scandium	45-1	7406686	7316873	7267325	7330294	0.96	cps
Scandium	45-2	538817	540285	530503	536535	0.98	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	176	183	141	167	13.66	cps
Selenium	82-1	-15	53	-4	11	321.99	cps
Silicon	28-1	3421291	3663284	3635325	3573300	3.70	cps
Silver	109-1	1150	1333	1433	1306	11.01	cps
Silver	107-1	1317	1400	1483	1400	5.95	cps
Sodium	23-2	78029	80457	81699	80061	2.33	cps
Strontium	86-1	227246	225875	232244	228455	1.47	cps
Strontium	88-1	2021393	1997712	2034208	2017771	0.92	cps
Sulfur	34-1	407462	391552	392719	397244	2.23	cps
Terbium	159-1	15365837	15273438	15261420	15300232	0.37	cps
Terbium	159-2	8739762	8855554	8571473	8722263	1.64	cps
Thallium	203-1	425	367	342	378	11.32	cps
Thallium	205-1	892	933	883	903	2.97	cps
Tin	118-1	3909	3476	3592	3659	6.13	cps
Titanium	47-1	22397	40829	23415	28880	35.87	cps
Uranium	238-1	7086	6986	7202	7091	1.53	cps
Vanadium	51-2	9834	9947	9890	9890	0.57	cps
Yttrium	89-1	13326368	13244994	13085148	13218837	0.93	cps
Yttrium	89-2	2725962	2746437	2708578	2726992	0.69	cps
Zinc	66-2	288219	287015	287931	287721	0.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-17	Instrumnet Name :	P7
Client Sample ID :	MDANB6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:22:47	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11597	12757	12666	12340	5.23	cps
Zirconium	91-1	2809	3076	2659	2848	7.43	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300251	1300966	1305143	1302120	0.20	cps
Antimony	121-1	1850	1834	1792	1825	1.65	cps
Arsenic	75-1	4198	3603	4692	4164	13.09	cps
Barium	135-1	13257	13299	13274	13276	0.16	cps
Barium	137-1	21651	21726	22653	22010	2.53	cps
Beryllium	9-1	128	111	122	120	7.05	cps
Bismuth	209-1	9132640	9108118	9169498	9136752	0.34	cps
Bismuth	209-2	5819453	5865756	5789668	5824959	0.66	cps
Boron	10-1	892	800	817	836	5.84	cps
Boron	11-1	4201	3842	3784	3942	5.73	cps
Cadmium	111-1	3041	3179	2805	3008	6.29	cps
Cadmium	106-1	4318	4534	3992	4281	6.37	cps
Cadmium	108-1	8	29	33	24	56.74	cps
Calcium	43-1	45672	46382	47385	46480	1.85	cps
Calcium	44-1	762106	749850	763012	758322	0.97	cps
Chromium	52-2	40693	40626	41589	40969	1.31	cps
Cobalt	59-2	2020	2014	1833	1956	5.42	cps
Copper	63-2	5558	5404	5428	5463	1.51	cps
Dysprosium	156-1	4976	4926	5410	5104	5.21	cps
Dysprosium	156-2	2814	3110	3080	3001	5.44	cps
Erbium	164-1	3634	3226	3751	3537	7.80	cps
Erbium	164-2	2174	2004	2207	2128	5.13	cps
Gadolinium	160-1	4634	4559	4192	4462	5.30	cps
Gadolinium	160-2	2940	3147	3140	3076	3.82	cps
Holmium	165-1	14520405	14314247	14478629	14437761	0.75	cps
Holmium	165-2	8431650	8465387	8272744	8389927	1.23	cps
Indium	115-1	12160600	12070060	12074715	12101792	0.42	cps
Indium	115-2	3334145	3347514	3296454	3326037	0.80	cps
Iron	56-2	2368736	2355727	2376485	2366983	0.44	cps
Iron	57-2	59777	59426	59175	59459	0.51	cps
Krypton	83-1	723	753	783	753	3.98	cps
Lead	206-1	34590	36010	35787	35463	2.15	cps
Lead	207-1	28247	28230	28019	28166	0.45	cps
Lead	208-1	133045	135431	134947	134474	0.94	cps
Lithium	6-1	1035283	992449	990027	1005919	2.53	cps
Magnesium	24-2	12764	11947	12197	12303	3.40	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2244	2277	2330	2284	1.92	cps
Molybdenum	94-1	6027	6252	5810	6030	3.67	cps
Molybdenum	95-1	500	558	375	478	19.60	cps
Molybdenum	96-1	1408	1608	1483	1500	6.74	cps
Molybdenum	97-1	500	450	583	511	13.18	cps
Molybdenum	98-1	800	708	850	786	9.14	cps
Neodymium	150-1	8303	8843	8663	8603	3.20	cps
Neodymium	150-2	4504	4504	4701	4570	2.49	cps
Nickel	60-2	4357	4661	4174	4397	5.59	cps
Phosphorus	31-2	1225	1108	833	1056	19.05	cps
Potassium	39-2	86561	89016	88873	88150	1.56	cps
Rhodium	103-1	11641995	11549610	11492550	11561385	0.65	cps
Rhodium	103-2	6221016	6391004	6191520	6267847	1.72	cps
Scandium	45-1	7193043	7104477	7174075	7157199	0.65	cps
Scandium	45-2	520641	522140	514737	519173	0.75	cps
Selenium	77-2	37	17	23	26	39.85	cps
Selenium	78-2	161	146	219	175	21.76	cps
Selenium	82-1	-12	-10	-67	-30	-108.45	cps
Silicon	28-1	11725317	11392716	11762986	11627006	1.75	cps
Silver	109-1	708	692	633	678	5.81	cps
Silver	107-1	800	625	725	717	12.25	cps
Sodium	23-2	75926	76370	76663	76319	0.49	cps
Strontium	86-1	23553	23520	23136	23403	0.99	cps
Strontium	88-1	187511	192270	195639	191807	2.13	cps
Sulfur	34-1	362535	351493	350863	354964	1.85	cps
Terbium	159-1	15084064	15028324	14972195	15028194	0.37	cps
Terbium	159-2	8408678	8633641	8470938	8504419	1.37	cps
Thallium	203-1	350	433	342	375	13.52	cps
Thallium	205-1	883	750	750	795	9.69	cps
Tin	118-1	1742	1684	1825	1750	4.07	cps
Titanium	47-1	18611	18002	26821	21145	23.29	cps
Uranium	238-1	11239	11773	12156	11723	3.93	cps
Vanadium	51-2	19336	18896	19299	19177	1.27	cps
Yttrium	89-1	12965385	12852978	12945858	12921407	0.46	cps
Yttrium	89-2	2653990	2685695	2655215	2664967	0.67	cps
Zinc	66-2	1883	1930	2077	1964	5.14	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-18	Instrumnet Name :	P7
Client Sample ID :	MDANB7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:26:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15353	15210	14750	15104	2.09	cps
Zirconium	91-1	3617	3676	4059	3784	6.35	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333447	334974	329322	332581	0.88	cps
Antimony	121-1	2700	2300	2425	2475	8.27	cps
Arsenic	75-1	3877	2980	3801	3553	14.00	cps
Barium	135-1	23880	23028	23521	23476	1.82	cps
Barium	137-1	40301	39374	41614	40430	2.78	cps
Beryllium	9-1	83	78	50	70	25.38	cps
Bismuth	209-1	9190896	9191115	9130323	9170778	0.38	cps
Bismuth	209-2	5898392	5943402	5749558	5863784	1.73	cps
Boron	10-1	725	583	567	625	13.92	cps
Boron	11-1	3576	3275	2975	3276	9.16	cps
Cadmium	111-1	3381	3244	3457	3360	3.21	cps
Cadmium	106-1	4418	4234	4418	4356	2.43	cps
Cadmium	108-1	46	71	33	50	38.20	cps
Calcium	43-1	31751	32445	32344	32180	1.16	cps
Calcium	44-1	526578	532874	535529	531660	0.86	cps
Chromium	52-2	20364	20224	21202	20597	2.57	cps
Cobalt	59-2	1450	1453	1480	1461	1.13	cps
Copper	63-2	25125	25536	25486	25382	0.88	cps
Dysprosium	156-1	2250	1967	2250	2156	7.59	cps
Dysprosium	156-2	1423	1327	1337	1362	3.90	cps
Erbium	164-1	1859	1634	1592	1695	8.47	cps
Erbium	164-2	1003	947	1003	985	3.32	cps
Gadolinium	160-1	1775	2117	2000	1964	8.84	cps
Gadolinium	160-2	1330	1473	1370	1391	5.32	cps
Holmium	165-1	14477179	14316214	14341903	14378432	0.60	cps
Holmium	165-2	8513363	8484322	8279969	8425885	1.51	cps
Indium	115-1	12240862	12159921	12057654	12152812	0.76	cps
Indium	115-2	3359654	3407214	3285697	3350855	1.83	cps
Iron	56-2	2524829	2504983	2474679	2501497	1.01	cps
Iron	57-2	63594	61821	60559	61991	2.46	cps
Krypton	83-1	757	727	710	731	3.23	cps
Lead	206-1	239482	245656	245849	243662	1.49	cps
Lead	207-1	196874	198821	199755	198484	0.74	cps
Lead	208-1	924682	939347	939641	934557	0.92	cps
Lithium	6-1	987061	947893	956770	963908	2.13	cps
Magnesium	24-2	30382	30499	31008	30629	1.09	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45253	44768	44855	44959	0.57	cps
Molybdenum	94-1	6502	7045	6912	6820	4.15	cps
Molybdenum	95-1	1517	1433	1342	1431	6.12	cps
Molybdenum	96-1	2909	2592	2517	2673	7.78	cps
Molybdenum	97-1	1117	1117	1167	1133	2.55	cps
Molybdenum	98-1	2509	2375	2550	2478	3.69	cps
Neodymium	150-1	3354	3647	3514	3505	4.19	cps
Neodymium	150-2	1910	1773	1793	1826	4.04	cps
Nickel	60-2	1650	1567	1703	1640	4.20	cps
Phosphorus	31-2	5051	5059	4676	4929	4.44	cps
Potassium	39-2	88263	86981	84843	86696	1.99	cps
Rhodium	103-1	11645024	11669306	11633614	11649314	0.16	cps
Rhodium	103-2	6323519	6330012	6177569	6277033	1.37	cps
Scandium	45-1	7163505	7073185	7099209	7111966	0.65	cps
Scandium	45-2	523922	524073	511494	519830	1.39	cps
Selenium	77-2	23	10	17	17	39.99	cps
Selenium	78-2	183	135	143	154	16.87	cps
Selenium	82-1	-64	-21	-10	-32	-90.93	cps
Silicon	28-1	4221570	2847457	3008463	3359163	22.36	cps
Silver	109-1	1142	1242	1142	1175	4.91	cps
Silver	107-1	1242	1275	1450	1322	8.46	cps
Sodium	23-2	76863	78213	78262	77779	1.02	cps
Strontium	86-1	94754	95181	97037	95657	1.27	cps
Strontium	88-1	826764	825027	840128	830640	0.99	cps
Sulfur	34-1	351230	349138	348543	349637	0.40	cps
Terbium	159-1	15050291	15045381	14852440	14982704	0.75	cps
Terbium	159-2	8557157	8645737	8361535	8521476	1.71	cps
Thallium	203-1	317	375	358	350	8.58	cps
Thallium	205-1	792	608	783	728	14.22	cps
Tin	118-1	17670	18421	17945	18012	2.11	cps
Titanium	47-1	36197	33418	29462	33026	10.25	cps
Uranium	238-1	7753	8086	7502	7780	3.76	cps
Vanadium	51-2	11388	10787	11028	11068	2.73	cps
Yttrium	89-1	13040891	12995804	12870450	12969048	0.68	cps
Yttrium	89-2	2677437	2692577	2628665	2666226	1.25	cps
Zinc	66-2	29039	28932	28839	28937	0.35	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-19	Instrumnet Name :	P7
Client Sample ID :	MDAND0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:29:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14542	14936	37765	22414	59.32	cps
Zirconium	91-1	3417	3184	3167	3256	4.30	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109954	109591	109969	109838	0.19	cps
Antimony	121-1	3109	2750	2867	2909	6.28	cps
Arsenic	75-1	5463	4766	6207	5479	13.16	cps
Barium	135-1	47332	49774	48703	48603	2.52	cps
Barium	137-1	82269	85530	87509	85103	3.11	cps
Beryllium	9-1	67	106	78	83	24.04	cps
Bismuth	209-1	8947287	9055917	9023554	9008919	0.62	cps
Bismuth	209-2	5846338	5943940	5866650	5885643	0.87	cps
Boron	10-1	608	850	617	692	19.83	cps
Boron	11-1	3751	3275	3259	3428	8.15	cps
Cadmium	111-1	3743	3598	3561	3634	2.64	cps
Cadmium	106-1	4217	4092	4076	4129	1.88	cps
Cadmium	108-1	25	125	83	78	64.58	cps
Calcium	43-1	107623	110528	110913	109688	1.64	cps
Calcium	44-1	1770159	1822144	1826649	1806318	1.74	cps
Chromium	52-2	33351	33586	33198	33378	0.59	cps
Cobalt	59-2	1720	1913	1860	1831	5.45	cps
Copper	63-2	65295	65974	67197	66156	1.46	cps
Dysprosium	156-1	1400	1333	1358	1364	2.47	cps
Dysprosium	156-2	843	973	917	911	7.15	cps
Erbium	164-1	1050	1217	1242	1170	8.91	cps
Erbium	164-2	827	833	853	838	1.66	cps
Gadolinium	160-1	1167	1500	1358	1342	12.47	cps
Gadolinium	160-2	1097	1040	1057	1065	2.74	cps
Holmium	165-1	14048171	14039046	14170303	14085840	0.52	cps
Holmium	165-2	8442424	8573763	8400763	8472317	1.07	cps
Indium	115-1	11637587	11848115	11893867	11793190	1.16	cps
Indium	115-2	3320012	3391758	3334890	3348887	1.13	cps
Iron	56-2	3235287	3248626	3268173	3250695	0.51	cps
Iron	57-2	80677	81699	80632	81003	0.74	cps
Krypton	83-1	723	713	753	730	2.85	cps
Lead	206-1	265948	271631	269320	268967	1.06	cps
Lead	207-1	217309	221233	225008	221184	1.74	cps
Lead	208-1	1014508	1042096	1050515	1035706	1.82	cps
Lithium	6-1	947304	936437	935593	939778	0.69	cps
Magnesium	24-2	69253	68993	70794	69680	1.40	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	71882	72250	72575	72235	0.48	cps
Molybdenum	94-1	5868	6569	5801	6079	6.99	cps
Molybdenum	95-1	1092	958	850	967	12.52	cps
Molybdenum	96-1	2109	1900	1992	2000	5.22	cps
Molybdenum	97-1	517	617	700	611	15.02	cps
Molybdenum	98-1	1225	1617	1342	1395	14.42	cps
Neodymium	150-1	2267	2134	2380	2260	5.46	cps
Neodymium	150-2	1140	1093	1087	1107	2.63	cps
Nickel	60-2	4998	4958	5058	5004	1.01	cps
Phosphorus	31-2	2309	2400	2209	2306	4.16	cps
Potassium	39-2	85488	86586	87862	86646	1.37	cps
Rhodium	103-1	11297276	11272098	11372668	11314014	0.46	cps
Rhodium	103-2	6314153	6352808	6241512	6302824	0.90	cps
Scandium	45-1	6857736	6911930	6909569	6893078	0.44	cps
Scandium	45-2	518137	520737	519028	519300	0.25	cps
Selenium	77-2	20	27	20	22	17.33	cps
Selenium	78-2	159	172	169	167	4.01	cps
Selenium	82-1	17	35	-22	10	296.37	cps
Silicon	28-1	1700618	1988161	2947466	2212082	29.51	cps
Silver	109-1	1192	1283	1167	1214	5.06	cps
Silver	107-1	1408	1342	1342	1364	2.82	cps
Sodium	23-2	84706	85535	85895	85379	0.71	cps
Strontium	86-1	222008	227915	233327	227750	2.49	cps
Strontium	88-1	1931617	2004428	2010352	1982132	2.21	cps
Sulfur	34-1	376666	376161	383306	378711	1.05	cps
Terbium	159-1	14487369	14723137	14783325	14664610	1.07	cps
Terbium	159-2	8588595	8634177	8468079	8563617	1.00	cps
Thallium	203-1	267	300	417	328	24.03	cps
Thallium	205-1	933	800	758	831	11.01	cps
Tin	118-1	11272	10880	10579	10910	3.18	cps
Titanium	47-1	19506	20166	20850	20174	3.33	cps
Uranium	238-1	11456	11347	11189	11330	1.18	cps
Vanadium	51-2	12135	12048	12235	12140	0.77	cps
Yttrium	89-1	12536574	12755051	12710733	12667453	0.91	cps
Yttrium	89-2	2660772	2702302	2645820	2669631	1.10	cps
Zinc	66-2	52725	52752	52768	52748	0.04	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-20	Instrumnet Name :	P7
Client Sample ID :	MDAND1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14809	16378	15484	15557	5.06	cps
Zirconium	91-1	3668	3576	3484	3576	2.57	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263405	261729	263297	262811	0.36	cps
Antimony	121-1	4751	4476	4076	4434	7.66	cps
Arsenic	75-1	4402	2466	3995	3621	28.19	cps
Barium	135-1	108613	108281	108691	108528	0.20	cps
Barium	137-1	182789	186117	186563	185156	1.11	cps
Beryllium	9-1	56	94	72	74	26.34	cps
Bismuth	209-1	9436556	9490182	9407675	9444804	0.44	cps
Bismuth	209-2	5889744	5981544	5922041	5931110	0.79	cps
Boron	10-1	792	842	958	864	9.90	cps
Boron	11-1	3826	3884	3917	3876	1.20	cps
Cadmium	111-1	5186	5061	4937	5061	2.46	cps
Cadmium	106-1	4651	4534	4384	4523	2.96	cps
Cadmium	108-1	183	192	183	186	2.58	cps
Calcium	43-1	64676	65964	66901	65847	1.70	cps
Calcium	44-1	1060545	1074464	1088482	1074497	1.30	cps
Chromium	52-2	18275	18759	18328	18454	1.44	cps
Cobalt	59-2	2087	2297	2297	2227	5.45	cps
Copper	63-2	87883	87868	89066	88272	0.78	cps
Dysprosium	156-1	2200	2100	2559	2286	10.54	cps
Dysprosium	156-2	1313	1263	1503	1360	9.31	cps
Erbium	164-1	1950	2242	1942	2045	8.36	cps
Erbium	164-2	1097	1270	1193	1187	7.32	cps
Gadolinium	160-1	2159	2284	2384	2275	4.96	cps
Gadolinium	160-2	1583	1460	1717	1587	8.09	cps
Holmium	165-1	14598350	14891587	14794532	14761490	1.01	cps
Holmium	165-2	8424921	8597839	8437030	8486597	1.14	cps
Indium	115-1	12307648	12382549	12284486	12324894	0.42	cps
Indium	115-2	3355646	3403363	3383397	3380802	0.71	cps
Iron	56-2	9308748	9205567	9276861	9263725	0.57	cps
Iron	57-2	225039	224347	223613	224333	0.32	cps
Krypton	83-1	690	703	820	738	9.69	cps
Lead	206-1	916376	935487	941614	931159	1.41	cps
Lead	207-1	758641	783081	784882	775535	1.89	cps
Lead	208-1	3561911	3638724	3636308	3612314	1.21	cps
Lithium	6-1	961444	958571	917785	945933	2.58	cps
Magnesium	24-2	57665	57645	55905	57071	1.77	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34995	35680	35957	35544	1.39	cps
Molybdenum	94-1	2767	3869	2850	3162	19.41	cps
Molybdenum	95-1	858	842	1117	939	16.42	cps
Molybdenum	96-1	1575	1467	1525	1522	3.56	cps
Molybdenum	97-1	917	767	883	856	9.21	cps
Molybdenum	98-1	1392	1759	1392	1514	13.98	cps
Neodymium	150-1	3841	3894	3594	3776	4.24	cps
Neodymium	150-2	1897	1830	1967	1898	3.60	cps
Nickel	60-2	4431	4211	4607	4416	4.50	cps
Phosphorus	31-2	7327	7152	7519	7333	2.50	cps
Potassium	39-2	99490	99256	99565	99437	0.16	cps
Rhodium	103-1	11700339	11923370	11879437	11834382	1.00	cps
Rhodium	103-2	6353427	6379050	6384537	6372338	0.26	cps
Scandium	45-1	7200749	7161319	7210353	7190807	0.36	cps
Scandium	45-2	521169	537904	520849	526641	1.85	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	170	154	198	174	12.90	cps
Selenium	82-1	-15	-56	-62	-44	-58.25	cps
Silicon	28-1	3131613	2676571	3891488	3233224	18.98	cps
Silver	109-1	1458	1467	1358	1428	4.22	cps
Silver	107-1	1433	1542	1583	1520	5.10	cps
Sodium	23-2	78698	78129	78371	78399	0.36	cps
Strontium	86-1	133035	137656	142122	137604	3.30	cps
Strontium	88-1	1182039	1182050	1222253	1195447	1.94	cps
Sulfur	34-1	397731	395393	395841	396322	0.31	cps
Terbium	159-1	15376992	15474809	15281454	15377752	0.63	cps
Terbium	159-2	8620595	8673648	8558128	8617457	0.67	cps
Thallium	203-1	358	433	342	378	12.92	cps
Thallium	205-1	1042	767	892	900	15.30	cps
Tin	118-1	34861	35287	36415	35521	2.26	cps
Titanium	47-1	36985	26216	30353	31184	17.42	cps
Uranium	238-1	6152	6460	6027	6213	3.59	cps
Vanadium	51-2	15448	14995	15522	15322	1.86	cps
Yttrium	89-1	13124712	13286709	13233954	13215125	0.63	cps
Yttrium	89-2	2688928	2715418	2671823	2692057	0.82	cps
Zinc	66-2	127016	126900	128395	127437	0.65	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-21	Instrumnet Name :	P7
Client Sample ID :	MDAND2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6844	6636	6944	6808	2.31	cps
Zirconium	91-1	1450	1483	1475	1470	1.18	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405890	403293	419027	409403	2.06	cps
Antimony	121-1	3901	3792	3801	3831	1.57	cps
Arsenic	75-1	5924	5232	5945	5700	7.12	cps
Barium	135-1	70185	68629	70974	69929	1.71	cps
Barium	137-1	121091	120007	125602	122233	2.43	cps
Beryllium	9-1	94	56	72	74	26.34	cps
Bismuth	209-1	9372651	9351223	9368436	9364103	0.12	cps
Bismuth	209-2	5784252	5984524	5961899	5910225	1.86	cps
Boron	10-1	775	667	608	683	12.38	cps
Boron	11-1	3801	3584	3426	3603	5.23	cps
Cadmium	111-1	3920	4336	4076	4111	5.11	cps
Cadmium	106-1	4384	4968	4301	4551	7.99	cps
Cadmium	108-1	129	83	79	97	28.53	cps
Calcium	43-1	92287	91433	92053	91924	0.48	cps
Calcium	44-1	1519695	1524585	1537430	1527237	0.60	cps
Chromium	52-2	20471	20705	21493	20889	2.56	cps
Cobalt	59-2	1080	1037	1230	1116	9.09	cps
Copper	63-2	49952	49784	50678	50138	0.95	cps
Dysprosium	156-1	2075	2375	2025	2159	8.77	cps
Dysprosium	156-2	1240	1237	1237	1238	0.16	cps
Erbium	164-1	1433	1508	1600	1514	5.51	cps
Erbium	164-2	830	800	923	851	7.56	cps
Gadolinium	160-1	1725	1767	1942	1811	6.35	cps
Gadolinium	160-2	1210	1130	1247	1196	4.99	cps
Holmium	165-1	14851103	14592588	14789641	14744444	0.92	cps
Holmium	165-2	8377052	8532763	8572207	8494007	1.21	cps
Indium	115-1	12453982	12260833	12256460	12323759	0.92	cps
Indium	115-2	3328679	3379311	3387839	3365276	0.95	cps
Iron	56-2	4375259	4342698	4462083	4393347	1.40	cps
Iron	57-2	107183	108611	110855	108883	1.70	cps
Krypton	83-1	780	663	750	731	8.29	cps
Lead	206-1	241136	244050	247507	244231	1.31	cps
Lead	207-1	201509	199771	207197	202825	1.91	cps
Lead	208-1	937303	946570	962208	948694	1.33	cps
Lithium	6-1	954570	925644	931187	937134	1.64	cps
Magnesium	24-2	74125	74796	74385	74436	0.45	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39015	39487	40947	39816	2.53	cps
Molybdenum	94-1	4909	5084	5226	5073	3.13	cps
Molybdenum	95-1	917	833	825	858	5.91	cps
Molybdenum	96-1	1900	1742	1842	1828	4.38	cps
Molybdenum	97-1	733	733	817	761	6.32	cps
Molybdenum	98-1	1350	1408	1500	1420	5.33	cps
Neodymium	150-1	3307	3167	3254	3243	2.18	cps
Neodymium	150-2	1667	1657	1600	1641	2.19	cps
Nickel	60-2	3727	3457	3684	3623	4.00	cps
Phosphorus	31-2	10771	10421	10087	10426	3.28	cps
Potassium	39-2	90702	91129	91791	91207	0.60	cps
Rhodium	103-1	12094678	11849372	11870259	11938103	1.14	cps
Rhodium	103-2	6287529	6419682	6344686	6350632	1.04	cps
Scandium	45-1	7361400	7189804	7211007	7254071	1.29	cps
Scandium	45-2	516646	527313	527117	523692	1.17	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	159	196	180	178	10.40	cps
Selenium	82-1	-74	76	-78	-25	-346.87	cps
Silicon	28-1	3128043	3192590	2477515	2932716	13.49	cps
Silver	109-1	1608	1684	1592	1628	3.00	cps
Silver	107-1	1992	1800	1750	1847	6.91	cps
Sodium	23-2	87429	86834	89860	88041	1.82	cps
Strontium	86-1	177223	177383	179906	178170	0.84	cps
Strontium	88-1	1558983	1557715	1575127	1563942	0.62	cps
Sulfur	34-1	400892	396351	396041	397761	0.68	cps
Terbium	159-1	15221297	15289103	15204421	15238274	0.29	cps
Terbium	159-2	8430960	8637606	8615702	8561423	1.33	cps
Thallium	203-1	283	342	292	306	10.33	cps
Thallium	205-1	750	983	750	828	16.28	cps
Tin	118-1	206091	205794	210156	207347	1.18	cps
Titanium	47-1	29595	21070	18651	23105	24.88	cps
Uranium	238-1	6844	7086	7678	7202	5.96	cps
Vanadium	51-2	14934	15482	15545	15320	2.19	cps
Yttrium	89-1	13391189	13174715	13215384	13260429	0.87	cps
Yttrium	89-2	2650785	2710163	2707149	2689366	1.24	cps
Zinc	66-2	139886	139445	142582	140638	1.21	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2031-22	Instrumnet Name :	P7
Client Sample ID :	MDAND3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:40:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12415	12308	13291	12671	4.26	cps
Zirconium	91-1	3100	2775	2759	2878	6.69	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6421183	6387990	6498567	6435914	0.88	cps
Antimony	121-1	5038727	5124845	4904690	5022754	2.21	cps
Arsenic	75-1	1230028	1246069	1186921	1221006	2.51	cps
Barium	135-1	5661426	5846913	5564484	5690941	2.52	cps
Barium	137-1	9649317	9936147	9479248	9688237	2.38	cps
Beryllium	9-1	645730	682488	666269	664829	2.77	cps
Bismuth	209-1	9684912	9820168	9269788	9591623	2.99	cps
Bismuth	209-2	5530325	5647540	5541784	5573216	1.16	cps
Boron	10-1	76311	85827	84880	82339	6.37	cps
Boron	11-1	395017	416857	415371	409082	2.98	cps
Cadmium	111-1	1171197	1204500	1137541	1171079	2.86	cps
Cadmium	106-1	129782	133541	125787	129703	2.99	cps
Cadmium	108-1	86965	88248	84982	86732	1.90	cps
Calcium	43-1	6905832	6946713	6671245	6841263	2.17	cps
Calcium	44-1	111788036	113378819	107761148	110976001	2.61	cps
Chromium	52-2	1869602	1857766	1891285	1872884	0.91	cps
Cobalt	59-2	2704532	2694662	2768382	2722525	1.47	cps
Copper	63-2	3653510	3604611	3683257	3647126	1.09	cps
Dysprosium	156-1	100	108	108	106	4.56	cps
Dysprosium	156-2	110	90	80	93	16.37	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	33	37	33	34	5.60	cps
Gadolinium	160-1	158	117	100	125	24.03	cps
Gadolinium	160-2	203	187	203	198	4.87	cps
Holmium	165-1	16006812	16172692	15250008	15809837	3.11	cps
Holmium	165-2	8305417	8432034	8265119	8334190	1.05	cps
Indium	115-1	12576648	12703878	11811674	12364067	3.90	cps
Indium	115-2	3052510	3111508	3034039	3066019	1.32	cps
Iron	56-2	387954898	384345253	391378798	387892983	0.91	cps
Iron	57-2	9481602	9385266	9593829	9486899	1.10	cps
Krypton	83-1	800	767	727	764	4.80	cps
Lead	206-1	3485276	3606949	3475839	3522688	2.08	cps
Lead	207-1	3114048	3194629	3084417	3131031	1.82	cps
Lead	208-1	14129316	14471136	13929114	14176522	1.93	cps
Lithium	6-1	1310116	1381473	1366115	1352568	2.78	cps
Magnesium	24-2	68238329	67551243	69229302	68339624	1.23	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2257370	2234197	2297557	2263041	1.42	cps
Molybdenum	94-1	10193853	10397602	9883482	10158312	2.55	cps
Molybdenum	95-1	12773130	12844018	12240039	12619062	2.62	cps
Molybdenum	96-1	14140432	14129395	13600425	13956751	2.21	cps
Molybdenum	97-1	7868091	7922250	7689559	7826633	1.56	cps
Molybdenum	98-1	20310219	20665523	19780181	20251974	2.20	cps
Neodymium	150-1	447	393	300	380	19.54	cps
Neodymium	150-2	53	30	47	43	27.73	cps
Nickel	60-2	699831	695105	719679	704872	1.85	cps
Phosphorus	31-2	78373	79513	79310	79065	0.77	cps
Potassium	39-2	40735853	40483778	41028718	40749450	0.67	cps
Rhodium	103-1	11894697	11943075	11144974	11660915	3.84	cps
Rhodium	103-2	5477406	5640824	5482853	5533694	1.68	cps
Scandium	45-1	7955897	7952101	7428086	7778695	3.90	cps
Scandium	45-2	494035	502114	482791	492980	1.97	cps
Selenium	77-2	5364	5184	5281	5277	1.71	cps
Selenium	78-2	16973	17160	17542	17225	1.68	cps
Selenium	82-1	73870	75325	72124	73773	2.17	cps
Silicon	28-1	3559432	3696230	3604721	3620128	1.93	cps
Silver	109-1	5595761	5695942	5408766	5566823	2.62	cps
Silver	107-1	5841911	6009468	5707136	5852838	2.59	cps
Sodium	23-2	136880491	135655378	138747774	137094548	1.14	cps
Strontium	86-1	1580426	1630030	1548358	1586271	2.59	cps
Strontium	88-1	14135704	14370507	13680264	14062158	2.50	cps
Sulfur	34-1	1273120	1282176	1245768	1267022	1.50	cps
Terbium	159-1	16635714	16806841	15712308	16384955	3.59	cps
Terbium	159-2	8349510	8449549	8329095	8376051	0.77	cps
Thallium	203-1	4340382	4418658	4257716	4338918	1.85	cps
Thallium	205-1	10312293	10568716	10172710	10351240	1.94	cps
Tin	118-1	3877537	3952257	3806544	3878779	1.88	cps
Titanium	47-1	3227067	3291135	3147319	3221841	2.24	cps
Uranium	238-1	15187079	15629325	14985869	15267424	2.16	cps
Vanadium	51-2	1529686	1518893	1539087	1529222	0.66	cps
Yttrium	89-1	14082208	14075528	13166290	13774675	3.83	cps
Yttrium	89-2	2488975	2523975	2473795	2495582	1.03	cps
Zinc	66-2	590961	585156	599940	592019	1.26	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:45:43	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8374232	8508853	8171334	8351473	2.03	cps
Zirconium	91-1	1841572	1862716	1791557	1831948	1.99	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : CCB057 Instrumnet Name : P7
 Client Sample ID : CCB057 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:49:22 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	342	225	264	25.53	cps
Antimony	121-1	2942	3109	3317	3123	6.02	cps
Arsenic	75-1	2082	1638	1958	1893	12.09	cps
Barium	135-1	92	58	67	72	24.02	cps
Barium	137-1	208	83	142	144	43.30	cps
Beryllium	9-1	83	94	67	81	17.16	cps
Bismuth	209-1	10160239	10444497	9722890	10109209	3.60	cps
Bismuth	209-2	5938698	6004036	5897818	5946851	0.90	cps
Boron	10-1	3109	2684	2467	2753	11.86	cps
Boron	11-1	15867	13607	11113	13529	17.58	cps
Cadmium	111-1	3461	3432	3358	3417	1.55	cps
Cadmium	106-1	4901	4868	4734	4834	1.82	cps
Cadmium	108-1	17	25	8	17	50.01	cps
Calcium	43-1	492	483	583	519	10.68	cps
Calcium	44-1	23878	24329	23962	24057	1.00	cps
Chromium	52-2	1037	1097	1033	1056	3.38	cps
Cobalt	59-2	110	187	137	144	26.95	cps
Copper	63-2	1553	1303	1360	1406	9.33	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	125	100	100	108	13.33	cps
Gadolinium	160-2	173	207	143	174	18.16	cps
Holmium	165-1	15523076	16120245	14889045	15510789	3.97	cps
Holmium	165-2	8446482	8408365	8363723	8406190	0.49	cps
Indium	115-1	12681225	13179377	12316583	12725728	3.40	cps
Indium	115-2	3191246	3248912	3194758	3211639	1.01	cps
Iron	56-2	14029	14591	13562	14061	3.66	cps
Iron	57-2	744	911	794	817	10.47	cps
Krypton	83-1	643	777	740	720	9.57	cps
Lead	206-1	2211	2367	2095	2224	6.14	cps
Lead	207-1	1978	1695	1895	1856	7.85	cps
Lead	208-1	8818	8918	8707	8814	1.20	cps
Lithium	6-1	1545291	1608140	1510257	1554563	3.19	cps
Magnesium	24-2	1150	1492	975	1206	21.80	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : CCB057 Instrumnet Name : P7
 Client Sample ID : CCB057 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:49:22 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	133	147	132	11.37	cps
Molybdenum	94-1	1133	1192	933	1086	12.47	cps
Molybdenum	95-1	933	992	1125	1017	9.66	cps
Molybdenum	96-1	1092	1292	1125	1170	9.16	cps
Molybdenum	97-1	625	758	700	694	9.63	cps
Molybdenum	98-1	1750	1850	1592	1731	7.53	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	50	80	53	61	26.91	cps
Phosphorus	31-2	542	633	467	547	15.25	cps
Potassium	39-2	77116	77277	79982	78125	2.06	cps
Rhodium	103-1	12399612	12847153	12026103	12424289	3.31	cps
Rhodium	103-2	6071856	6150864	6078402	6100374	0.72	cps
Scandium	45-1	7754407	8073388	7411098	7746298	4.28	cps
Scandium	45-2	496229	506102	498730	500354	1.03	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	148	180	150	159	11.09	cps
Selenium	82-1	102	-105	-9	-4	-2621.39	cps
Silicon	28-1	400598	399290	392946	397611	1.03	cps
Silver	109-1	308	350	392	350	11.91	cps
Silver	107-1	408	308	317	344	16.11	cps
Sodium	23-2	74979	76697	75532	75736	1.16	cps
Strontium	86-1	983	1225	1100	1103	10.96	cps
Strontium	88-1	342	425	333	367	13.83	cps
Sulfur	34-1	466196	465776	469511	467161	0.44	cps
Terbium	159-1	16151781	16648472	15470107	16090120	3.68	cps
Terbium	159-2	8505876	8508399	8397929	8470735	0.74	cps
Thallium	203-1	2217	1909	1842	1989	10.06	cps
Thallium	205-1	5251	5126	3967	4782	14.80	cps
Tin	118-1	2742	2867	2842	2817	2.35	cps
Titanium	47-1	192	225	125	181	28.20	cps
Uranium	238-1	275	167	225	222	24.40	cps
Vanadium	51-2	50	37	50	46	16.89	cps
Yttrium	89-1	13733299	14128824	13106191	13656105	3.78	cps
Yttrium	89-2	2534916	2574774	2532731	2547474	0.93	cps
Zinc	66-2	393	437	417	416	5.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:49:22	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1408	1342	1328	6.65	cps
Zirconium	91-1	300	308	275	294	5.89	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892376	884403	878889	885223	0.77	cps
Antimony	121-1	3826	3601	3050	3492	11.42	cps
Arsenic	75-1	3336	2870	1802	2669	29.46	cps
Barium	135-1	12499	12823	12106	12476	2.88	cps
Barium	137-1	21325	21467	20458	21084	2.59	cps
Beryllium	9-1	161	111	100	124	26.24	cps
Bismuth	209-1	10530008	10316529	9587845	10144794	4.87	cps
Bismuth	209-2	5876346	5901205	5823661	5867071	0.67	cps
Boron	10-1	2050	1558	1567	1725	16.32	cps
Boron	11-1	10354	8561	7310	8742	17.50	cps
Cadmium	111-1	3464	3577	3222	3421	5.31	cps
Cadmium	106-1	4809	5001	4543	4784	4.81	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	96555	95324	87979	93286	4.97	cps
Calcium	44-1	1605013	1575282	1465868	1548721	4.73	cps
Chromium	52-2	37247	36896	36850	36998	0.59	cps
Cobalt	59-2	603	643	697	648	7.23	cps
Copper	63-2	5111	4924	5008	5014	1.87	cps
Dysprosium	156-1	4601	4393	3967	4320	7.47	cps
Dysprosium	156-2	2470	2284	2370	2375	3.93	cps
Erbium	164-1	2800	2400	2250	2484	11.45	cps
Erbium	164-2	1397	1313	1483	1398	6.08	cps
Gadolinium	160-1	3609	3851	3301	3587	7.69	cps
Gadolinium	160-2	2357	2110	2240	2236	5.52	cps
Holmium	165-1	16400409	15943623	14913252	15752428	4.84	cps
Holmium	165-2	8401491	8479866	8215940	8365765	1.62	cps
Indium	115-1	13826525	13632334	12507415	13322091	5.35	cps
Indium	115-2	3261357	3291519	3226653	3259843	1.00	cps
Iron	56-2	1117232	1124467	1105915	1115871	0.84	cps
Iron	57-2	28418	27922	28100	28146	0.89	cps
Krypton	83-1	660	677	817	718	11.99	cps
Lead	206-1	50457	50540	47357	49452	3.67	cps
Lead	207-1	41777	40841	38496	40372	4.19	cps
Lead	208-1	196441	194009	180516	190322	4.51	cps
Lithium	6-1	1432058	1394324	1268738	1365040	6.26	cps
Magnesium	24-2	33188	32327	33180	32898	1.50	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2614	2257	2460	2444	7.32	cps
Molybdenum	94-1	6719	6794	6077	6530	6.04	cps
Molybdenum	95-1	1225	867	1008	1033	17.47	cps
Molybdenum	96-1	2200	2059	2218	2159	4.04	cps
Molybdenum	97-1	692	683	592	656	8.46	cps
Molybdenum	98-1	1467	1350	1325	1381	5.48	cps
Neodymium	150-1	7849	7809	7589	7749	1.81	cps
Neodymium	150-2	3561	3684	3614	3619	1.71	cps
Nickel	60-2	3507	3457	3404	3456	1.50	cps
Phosphorus	31-2	1183	1192	1158	1178	1.47	cps
Potassium	39-2	91497	90341	92421	91420	1.14	cps
Rhodium	103-1	13301900	13031675	11978538	12770704	5.48	cps
Rhodium	103-2	6202028	6180252	6061631	6147970	1.23	cps
Scandium	45-1	8453728	8177451	7497399	8042859	6.12	cps
Scandium	45-2	509203	510465	504669	508112	0.60	cps
Selenium	77-2	23	30	33	29	17.63	cps
Selenium	78-2	213	191	187	197	7.12	cps
Selenium	82-1	113	107	-38	61	140.32	cps
Silicon	28-1	5856885	5984749	5621475	5821036	3.17	cps
Silver	109-1	1250	1350	1425	1342	6.54	cps
Silver	107-1	1775	1617	5311	2901	72.00	cps
Sodium	23-2	92518	92494	90506	91839	1.26	cps
Strontium	86-1	104680	105780	96952	102471	4.69	cps
Strontium	88-1	922708	918775	855253	898912	4.21	cps
Sulfur	34-1	450420	434507	413443	432790	4.29	cps
Terbium	159-1	17116056	16757381	15403309	16425582	5.50	cps
Terbium	159-2	8501004	8533080	8368473	8467519	1.03	cps
Thallium	203-1	3117	2892	2567	2859	9.67	cps
Thallium	205-1	7511	7427	6427	7122	8.47	cps
Tin	118-1	4001	3842	3509	3784	6.63	cps
Titanium	47-1	34493	31557	30411	32154	6.55	cps
Uranium	238-1	10413	10221	9746	10127	3.39	cps
Vanadium	51-2	8736	8569	8666	8657	0.97	cps
Yttrium	89-1	14790105	14512661	13329442	14210736	5.46	cps
Yttrium	89-2	2592326	2581438	2554636	2576133	0.75	cps
Zinc	66-2	1493	1440	1267	1400	8.47	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-01	Instrumnet Name :	P7
Client Sample ID :	MDANF4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17253	17896	16136	17095	5.21	cps
Zirconium	91-1	4026	4210	3567	3934	8.41	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580923	587288	609747	592653	2.56	cps
Antimony	121-1	2567	2825	2425	2606	7.78	cps
Arsenic	75-1	2569	3740	2340	2883	26.06	cps
Barium	135-1	26626	26251	23488	25455	6.73	cps
Barium	137-1	47122	45334	43118	45191	4.44	cps
Beryllium	9-1	78	111	78	89	21.65	cps
Bismuth	209-1	10508787	10233276	9251655	9997906	6.61	cps
Bismuth	209-2	5746709	5954518	6128199	5943142	3.21	cps
Boron	10-1	1350	1317	1208	1292	5.73	cps
Boron	11-1	7519	6643	5284	6482	17.37	cps
Cadmium	111-1	3546	3628	3059	3411	9.01	cps
Cadmium	106-1	5018	5034	4293	4782	8.86	cps
Cadmium	108-1	42	13	29	28	52.68	cps
Calcium	43-1	133304	132372	117751	127809	6.83	cps
Calcium	44-1	2146377	2134878	1932111	2071122	5.82	cps
Chromium	52-2	34074	34070	37130	35091	5.03	cps
Cobalt	59-2	547	427	550	508	13.84	cps
Copper	63-2	6305	6158	6712	6392	4.49	cps
Dysprosium	156-1	2759	2792	2667	2739	2.36	cps
Dysprosium	156-2	1563	1433	1673	1557	7.72	cps
Erbium	164-1	1892	1575	1542	1670	11.57	cps
Erbium	164-2	863	947	953	921	5.44	cps
Gadolinium	160-1	2584	3661	2017	2754	30.33	cps
Gadolinium	160-2	1533	1567	1507	1536	1.96	cps
Holmium	165-1	16363400	15960747	14453566	15592571	6.46	cps
Holmium	165-2	8294598	8491629	8765959	8517395	2.78	cps
Indium	115-1	13719169	13485140	12086299	13096869	6.74	cps
Indium	115-2	3213405	3309333	3393341	3305360	2.72	cps
Iron	56-2	683532	685627	713210	694123	2.39	cps
Iron	57-2	17439	17850	19135	18141	4.88	cps
Krypton	83-1	757	820	693	757	8.37	cps
Lead	206-1	53870	54601	48728	52400	6.11	cps
Lead	207-1	43951	44352	39309	42537	6.59	cps
Lead	208-1	208439	207466	187434	201113	5.90	cps
Lithium	6-1	1316779	1284952	1140796	1247509	7.52	cps
Magnesium	24-2	47919	48915	51314	49383	3.53	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2884	2654	2777	2771	4.15	cps
Molybdenum	94-1	5936	5802	5469	5735	4.19	cps
Molybdenum	95-1	792	942	467	733	33.12	cps
Molybdenum	96-1	2276	10979	1258	4838	110.44	cps
Molybdenum	97-1	750	517	367	544	35.48	cps
Molybdenum	98-1	1083	992	767	947	17.20	cps
Neodymium	150-1	5148	6795	4308	5417	23.36	cps
Neodymium	150-2	2157	2360	2270	2262	4.50	cps
Nickel	60-2	3000	3304	2907	3071	6.76	cps
Phosphorus	31-2	1158	1150	1342	1217	8.90	cps
Potassium	39-2	87734	86385	89008	87709	1.50	cps
Rhodium	103-1	13263279	12799282	11426771	12496444	7.64	cps
Rhodium	103-2	6084509	6272503	6400416	6252476	2.54	cps
Scandium	45-1	8111170	7986525	7116745	7738147	7.00	cps
Scandium	45-2	507666	517581	532513	519254	2.41	cps
Selenium	77-2	17	7	23	16	53.90	cps
Selenium	78-2	174	204	157	178	13.14	cps
Selenium	82-1	54	43	45	47	12.95	cps
Silicon	28-1	4821134	4702647	4646740	4723507	1.89	cps
Silver	109-1	1108	1267	1108	1161	7.87	cps
Silver	107-1	1283	1167	1150	1200	6.05	cps
Sodium	23-2	81831	82544	83047	82474	0.74	cps
Strontium	86-1	136736	135298	123967	132001	5.30	cps
Strontium	88-1	1213242	1191549	1084260	1163017	5.94	cps
Sulfur	34-1	401697	393667	389150	394838	1.61	cps
Terbium	159-1	16991214	16589854	14859636	16146901	7.02	cps
Terbium	159-2	8307232	8556926	8757577	8540578	2.64	cps
Thallium	203-1	1709	1700	1308	1572	14.54	cps
Thallium	205-1	4034	3659	3517	3737	7.15	cps
Tin	118-1	3792	4076	3376	3748	9.40	cps
Titanium	47-1	31672	76146	25878	44565	61.71	cps
Uranium	238-1	11597	11347	9471	10805	10.76	cps
Vanadium	51-2	9063	9096	9683	9281	3.76	cps
Yttrium	89-1	14564236	14248201	12790316	13867584	6.82	cps
Yttrium	89-2	2565934	2629799	2688184	2627973	2.33	cps
Zinc	66-2	1920	2004	2157	2027	5.92	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02	Instrumnet Name :	P7
Client Sample ID :	MDANF5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:57:51	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15336	15791	12856	14661	10.77	cps
Zirconium	91-1	3192	3527	2850	3190	10.60	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587141	592856	596511	592170	0.80	cps
Antimony	121-1	2275	2534	2325	2378	5.76	cps
Arsenic	75-1	2053	2358	3099	2504	21.48	cps
Barium	135-1	24030	24247	25441	24573	3.09	cps
Barium	137-1	40594	40803	42449	41282	2.46	cps
Beryllium	9-1	56	61	33	50	29.40	cps
Bismuth	209-1	9616688	9352379	9367728	9445598	1.57	cps
Bismuth	209-2	5876529	5924019	5895275	5898607	0.41	cps
Boron	10-1	900	1042	900	947	8.63	cps
Boron	11-1	5535	5360	4859	5251	6.67	cps
Cadmium	111-1	2951	3089	3102	3047	2.74	cps
Cadmium	106-1	4117	4359	4309	4262	2.99	cps
Cadmium	108-1	21	42	21	28	43.32	cps
Calcium	43-1	117616	115330	116943	116630	1.01	cps
Calcium	44-1	1909705	1878571	1923889	1904055	1.22	cps
Chromium	52-2	35058	34985	35677	35240	1.08	cps
Cobalt	59-2	517	620	560	566	9.18	cps
Copper	63-2	6275	5985	6115	6125	2.37	cps
Dysprosium	156-1	2567	2625	2850	2681	5.58	cps
Dysprosium	156-2	1530	1573	1580	1561	1.74	cps
Erbium	164-1	1509	1525	1809	1614	10.45	cps
Erbium	164-2	953	983	983	973	1.78	cps
Gadolinium	160-1	2025	2209	2167	2134	4.51	cps
Gadolinium	160-2	1410	1490	1410	1437	3.22	cps
Holmium	165-1	14891155	14463614	14665983	14673584	1.46	cps
Holmium	165-2	8431978	8528918	8446572	8469156	0.62	cps
Indium	115-1	12331447	12186795	12175867	12231369	0.71	cps
Indium	115-2	3314063	3368223	3340669	3340985	0.81	cps
Iron	56-2	681572	678733	685127	681811	0.47	cps
Iron	57-2	18323	18434	18290	18349	0.41	cps
Krypton	83-1	703	730	657	697	5.33	cps
Lead	206-1	47424	46849	47023	47099	0.63	cps
Lead	207-1	37916	39326	39359	38867	2.12	cps
Lead	208-1	181716	181683	182612	182004	0.29	cps
Lithium	6-1	1123902	1082470	1061872	1089415	2.90	cps
Magnesium	24-2	47710	48798	47986	48165	1.17	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2467	2584	2587	2546	2.68	cps
Molybdenum	94-1	4701	4934	6009	5215	13.38	cps
Molybdenum	95-1	667	508	600	592	13.44	cps
Molybdenum	96-1	1333	2344	1300	1659	35.76	cps
Molybdenum	97-1	492	442	467	467	5.36	cps
Molybdenum	98-1	1025	875	750	883	15.60	cps
Neodymium	150-1	4614	4588	4514	4572	1.13	cps
Neodymium	150-2	2214	2254	2270	2246	1.30	cps
Nickel	60-2	3057	3147	3000	3068	2.41	cps
Phosphorus	31-2	1208	1392	1192	1264	8.78	cps
Potassium	39-2	86335	88291	87776	87467	1.16	cps
Rhodium	103-1	11915419	11702478	11668171	11762023	1.14	cps
Rhodium	103-2	6198954	6353027	6268418	6273467	1.23	cps
Scandium	45-1	7336019	7167112	7179371	7227501	1.30	cps
Scandium	45-2	515203	519949	513883	516345	0.62	cps
Selenium	77-2	30	10	30	23	49.49	cps
Selenium	78-2	213	169	163	181	15.10	cps
Selenium	82-1	73	69	126	89	35.67	cps
Silicon	28-1	4512592	5194625	5121463	4942893	7.58	cps
Silver	109-1	900	1175	942	1006	14.74	cps
Silver	107-1	1092	1083	1167	1114	4.12	cps
Sodium	23-2	81279	82485	81546	81770	0.77	cps
Strontium	86-1	124512	120208	126017	123579	2.44	cps
Strontium	88-1	1078188	1064284	1093323	1078599	1.35	cps
Sulfur	34-1	385040	381143	375496	380560	1.26	cps
Terbium	159-1	15415341	15056903	15197084	15223109	1.19	cps
Terbium	159-2	8523766	8638312	8529881	8563986	0.75	cps
Thallium	203-1	1017	917	908	947	6.37	cps
Thallium	205-1	2517	2442	2450	2470	1.67	cps
Tin	118-1	3826	3367	3709	3634	6.56	cps
Titanium	47-1	31455	25062	23187	26568	16.32	cps
Uranium	238-1	10521	10230	10296	10349	1.48	cps
Vanadium	51-2	9757	9657	9390	9601	1.98	cps
Yttrium	89-1	13244239	12908929	12918674	13023948	1.47	cps
Yttrium	89-2	2618364	2661326	2634125	2637938	0.82	cps
Zinc	66-2	1987	1827	1920	1911	4.21	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-03	Instrumnet Name :	P7
Client Sample ID :	MDANF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13283	15467	14228	14326	7.65	cps
Zirconium	91-1	3051	25865	3434	10783	121.14	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124364	122791	123355	123503	0.65	cps
Antimony	121-1	467	442	667	525	23.49	cps
Arsenic	75-1	2377	1947	2014	2112	10.96	cps
Barium	135-1	5009	5418	4809	5079	6.11	cps
Barium	137-1	8253	8353	8336	8314	0.64	cps
Beryllium	9-1	50	28	67	48	40.52	cps
Bismuth	209-1	9046965	8873830	8980863	8967219	0.97	cps
Bismuth	209-2	5768320	5888399	5723827	5793515	1.47	cps
Boron	10-1	992	850	750	864	14.06	cps
Boron	11-1	5109	4834	4609	4851	5.16	cps
Cadmium	111-1	2827	3046	2767	2880	5.10	cps
Cadmium	106-1	4009	4334	3901	4081	5.53	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	25915	25356	25331	25534	1.29	cps
Calcium	44-1	422012	416987	421965	420321	0.69	cps
Chromium	52-2	8002	8036	7869	7969	1.11	cps
Cobalt	59-2	193	170	187	183	6.56	cps
Copper	63-2	2354	2317	2220	2297	3.00	cps
Dysprosium	156-1	600	467	508	525	12.99	cps
Dysprosium	156-2	357	347	360	354	1.96	cps
Erbium	164-1	383	525	267	392	33.03	cps
Erbium	164-2	220	160	220	200	17.32	cps
Gadolinium	160-1	508	483	508	500	2.89	cps
Gadolinium	160-2	443	457	427	442	3.40	cps
Holmium	165-1	14072358	14029128	14019698	14040395	0.20	cps
Holmium	165-2	8387777	8495673	8212411	8365287	1.71	cps
Indium	115-1	11712693	11735643	11670438	11706258	0.28	cps
Indium	115-2	3266156	3299969	3216786	3260970	1.28	cps
Iron	56-2	150240	151643	152419	151434	0.73	cps
Iron	57-2	4384	4568	4606	4519	2.63	cps
Krypton	83-1	807	850	690	782	10.58	cps
Lead	206-1	11845	11900	11995	11913	0.64	cps
Lead	207-1	9993	9782	9576	9784	2.13	cps
Lead	208-1	45615	45069	45404	45363	0.61	cps
Lithium	6-1	1063965	1039522	1048937	1050808	1.17	cps
Magnesium	24-2	11180	12064	10729	11324	6.00	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670	640	553	621	9.75	cps
Molybdenum	94-1	1317	1383	1217	1306	6.43	cps
Molybdenum	95-1	408	208	317	311	32.18	cps
Molybdenum	96-1	408	475	642	508	23.64	cps
Molybdenum	97-1	275	300	258	278	7.55	cps
Molybdenum	98-1	375	333	358	356	5.90	cps
Neodymium	150-1	1073	1027	973	1025	4.88	cps
Neodymium	150-2	540	483	437	487	10.63	cps
Nickel	60-2	750	693	687	710	4.90	cps
Phosphorus	31-2	533	642	783	653	19.21	cps
Potassium	39-2	78165	78784	78752	78567	0.44	cps
Rhodium	103-1	11273172	11326193	11306305	11301890	0.24	cps
Rhodium	103-2	6234487	6249300	6090089	6191292	1.42	cps
Scandium	45-1	7080595	6998734	7003624	7027651	0.65	cps
Scandium	45-2	508868	523354	506256	512826	1.80	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	193	148	161	167	13.66	cps
Selenium	82-1	-114	-175	-12	-100	-81.83	cps
Silicon	28-1	1405068	1483945	1601065	1496693	6.59	cps
Silver	109-1	317	400	508	408	23.54	cps
Silver	107-1	400	400	450	417	6.93	cps
Sodium	23-2	64833	63635	66415	64961	2.15	cps
Strontium	86-1	27260	26692	26709	26887	1.20	cps
Strontium	88-1	226743	223825	224573	225047	0.67	cps
Sulfur	34-1	403614	404696	407159	405156	0.45	cps
Terbium	159-1	14615791	14646457	14483566	14581938	0.59	cps
Terbium	159-2	8432548	8610793	8279786	8441042	1.96	cps
Thallium	203-1	417	358	433	403	9.78	cps
Thallium	205-1	1092	950	1083	1042	7.63	cps
Tin	118-1	2634	2567	2934	2711	7.20	cps
Titanium	47-1	4184	5126	8979	6096	41.67	cps
Uranium	238-1	2334	2109	2150	2198	5.45	cps
Vanadium	51-2	1867	2134	2097	2032	7.11	cps
Yttrium	89-1	12621973	12610307	12573543	12601941	0.20	cps
Yttrium	89-2	2625950	2655327	2555617	2612298	1.96	cps
Zinc	66-2	803	853	767	808	5.39	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-02LX5	Instrumnet Name :	P7
Client Sample ID :	MDANF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4128	3459	3117	3568	14.41	cps
Zirconium	91-1	633	675	717	675	6.17	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630356	634030	635178	633188	0.40	cps
Antimony	121-1	200243	200429	181881	194184	5.49	cps
Arsenic	75-1	22697	24684	21164	22848	7.72	cps
Barium	135-1	921711	922668	838762	894380	5.39	cps
Barium	137-1	1596289	1592502	1441196	1543329	5.73	cps
Beryllium	9-1	11293	10982	9709	10661	7.87	cps
Bismuth	209-1	10520195	10230264	9269588	10006683	6.54	cps
Bismuth	209-2	5955611	6096094	6012037	6021247	1.17	cps
Boron	10-1	942	875	833	883	6.19	cps
Boron	11-1	5293	4459	3884	4545	15.58	cps
Cadmium	111-1	27824	27313	24661	26599	6.38	cps
Cadmium	106-1	7127	6827	6052	6669	8.32	cps
Cadmium	108-1	1688	1771	1500	1653	8.39	cps
Calcium	43-1	128413	123767	113131	121770	6.43	cps
Calcium	44-1	2086456	2065313	1879182	2010317	5.67	cps
Chromium	52-2	188580	187868	189617	188688	0.47	cps
Cobalt	59-2	589468	587509	589234	588737	0.18	cps
Copper	63-2	212711	215131	213969	213937	0.57	cps
Dysprosium	156-1	3242	2867	2709	2939	9.32	cps
Dysprosium	156-2	1590	1627	1760	1659	5.39	cps
Erbium	164-1	1559	1800	1500	1620	9.82	cps
Erbium	164-2	960	900	880	913	4.56	cps
Gadolinium	160-1	2317	2325	2100	2248	5.68	cps
Gadolinium	160-2	1667	1467	1523	1552	6.65	cps
Holmium	165-1	16579477	16194692	14472678	15748949	7.12	cps
Holmium	165-2	8547640	8676629	8561488	8595252	0.82	cps
Indium	115-1	13875800	13424663	12061832	13120765	7.20	cps
Indium	115-2	3369799	3425752	3387503	3394351	0.84	cps
Iron	56-2	1358126	1361369	1367630	1362375	0.35	cps
Iron	57-2	35204	34586	34385	34725	1.23	cps
Krypton	83-1	787	820	690	766	8.82	cps
Lead	206-1	81924	78917	72980	77940	5.84	cps
Lead	207-1	67254	66555	60945	64918	5.33	cps
Lead	208-1	314410	308336	282480	301742	5.62	cps
Lithium	6-1	1192836	1113281	1009386	1105168	8.32	cps
Magnesium	24-2	49333	49048	48547	48976	0.81	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243634	244489	247182	245102	0.76	cps
Molybdenum	94-1	5751	5643	5184	5526	5.45	cps
Molybdenum	95-1	775	733	742	750	2.94	cps
Molybdenum	96-1	1734	1617	1575	1642	5.00	cps
Molybdenum	97-1	742	658	792	731	9.22	cps
Molybdenum	98-1	1292	1158	1042	1164	10.75	cps
Neodymium	150-1	5308	4814	4288	4803	10.62	cps
Neodymium	150-2	2464	2360	2330	2385	2.93	cps
Nickel	60-2	157596	156313	155980	156630	0.54	cps
Phosphorus	31-2	967	1142	1283	1131	14.03	cps
Potassium	39-2	86762	87424	86845	87010	0.41	cps
Rhodium	103-1	13373628	12959153	11607141	12646641	7.30	cps
Rhodium	103-2	6338651	6442869	6379856	6387125	0.82	cps
Scandium	45-1	8115429	7961749	7145050	7740742	6.74	cps
Scandium	45-2	521546	528074	524076	524565	0.63	cps
Selenium	77-2	213	220	237	223	5.38	cps
Selenium	78-2	948	939	935	941	0.71	cps
Selenium	82-1	3078	3090	3067	3079	0.38	cps
Silicon	28-1	4793012	4544603	4502351	4613322	3.40	cps
Silver	109-1	113419	112823	102680	109641	5.50	cps
Silver	107-1	117762	117200	108304	114422	4.64	cps
Sodium	23-2	79394	78321	79678	79131	0.90	cps
Strontium	86-1	137569	131371	122890	130610	5.64	cps
Strontium	88-1	1180785	1172083	1059903	1137590	5.93	cps
Sulfur	34-1	395410	389898	376635	387315	2.49	cps
Terbium	159-1	17230098	16595971	14967843	16264638	7.17	cps
Terbium	159-2	8642007	8797940	8637576	8692508	1.05	cps
Thallium	203-1	87999	88066	79579	85215	5.73	cps
Thallium	205-1	206337	206530	191502	201456	4.28	cps
Tin	118-1	4176	3484	3459	3706	10.98	cps
Titanium	47-1	41793	36153	27198	35048	21.00	cps
Uranium	238-1	10480	10480	15532	12164	23.98	cps
Vanadium	51-2	320630	323523	330274	324809	1.52	cps
Yttrium	89-1	14959564	14477329	12959016	14131970	7.39	cps
Yttrium	89-2	2675277	2710381	2682044	2689234	0.69	cps
Zinc	66-2	68018	67867	69086	68324	0.97	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-04	Instrumnet Name :	P7
Client Sample ID :	MDANF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:33	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14000	14292	13574	13955	2.59	cps
Zirconium	91-1	3509	2867	2967	3115	11.09	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24306	23471	24897	24224	2.96	cps
Antimony	121-1	1659	1542	1392	1531	8.73	cps
Arsenic	75-1	1720	3388	1499	2202	46.89	cps
Barium	135-1	10396	9871	8828	9698	8.23	cps
Barium	137-1	17228	16969	16002	16733	3.86	cps
Beryllium	9-1	39	17	28	28	39.99	cps
Bismuth	209-1	10293506	10039868	9029524	9787632	6.83	cps
Bismuth	209-2	5530593	5634461	5622722	5595925	1.02	cps
Boron	10-1	758	750	683	731	5.63	cps
Boron	11-1	4184	3534	3584	3767	9.60	cps
Cadmium	111-1	3710	3354	3137	3400	8.50	cps
Cadmium	106-1	5218	4726	4351	4765	9.13	cps
Cadmium	108-1	38	29	13	26	48.24	cps
Calcium	43-1	7452	6618	6693	6921	6.67	cps
Calcium	44-1	128732	128816	116272	124607	5.79	cps
Chromium	52-2	14614	15175	14944	14911	1.89	cps
Cobalt	59-2	377	410	457	414	9.70	cps
Copper	63-2	3447	3244	3594	3428	5.13	cps
Dysprosium	156-1	508	567	525	533	5.63	cps
Dysprosium	156-2	280	263	340	294	13.69	cps
Erbium	164-1	375	383	392	383	2.17	cps
Erbium	164-2	180	183	190	184	2.76	cps
Gadolinium	160-1	675	617	433	575	21.93	cps
Gadolinium	160-2	453	350	347	383	15.82	cps
Holmium	165-1	16525644	16274590	14596885	15799040	6.64	cps
Holmium	165-2	8156205	8244846	8203283	8201445	0.54	cps
Indium	115-1	13838104	13550780	12143770	13177552	6.88	cps
Indium	115-2	3229547	3278922	3259023	3255831	0.76	cps
Iron	56-2	418832	439112	432226	430057	2.40	cps
Iron	57-2	11049	10882	10782	10904	1.24	cps
Krypton	83-1	853	713	700	756	11.24	cps
Lead	206-1	48282	46610	42931	45941	5.96	cps
Lead	207-1	36762	34763	32674	34733	5.89	cps
Lead	208-1	177744	170984	157909	168879	5.97	cps
Lithium	6-1	1092701	1033278	947130	1024369	7.15	cps
Magnesium	24-2	4918	4743	4668	4776	2.69	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1570	1430	1613	1538	6.23	cps
Molybdenum	94-1	1158	2107	925	1397	44.82	cps
Molybdenum	95-1	833	750	650	745	12.33	cps
Molybdenum	96-1	867	967	925	920	5.46	cps
Molybdenum	97-1	533	517	533	528	1.82	cps
Molybdenum	98-1	1308	1242	1058	1203	10.76	cps
Neodymium	150-1	1000	1073	980	1018	4.83	cps
Neodymium	150-2	453	447	437	446	1.88	cps
Nickel	60-2	2540	2424	2537	2500	2.66	cps
Phosphorus	31-2	758	933	792	828	11.23	cps
Potassium	39-2	93235	91574	93872	92893	1.28	cps
Rhodium	103-1	13370130	12995753	11632284	12666056	7.22	cps
Rhodium	103-2	6051984	6145935	6101451	6099790	0.77	cps
Scandium	45-1	8106915	7868477	7061590	7678994	7.13	cps
Scandium	45-2	496670	502207	498905	499261	0.56	cps
Selenium	77-2	13	17	0	10	88.20	cps
Selenium	78-2	170	165	191	175	7.78	cps
Selenium	82-1	-169	-58	52	-58	-189.29	cps
Silicon	28-1	1490560	1305609	1251095	1349088	9.30	cps
Silver	109-1	933	975	1000	970	3.47	cps
Silver	107-1	1008	1100	933	1014	8.23	cps
Sodium	23-2	93978	93046	94379	93801	0.73	cps
Strontium	86-1	6769	6677	6685	6710	0.76	cps
Strontium	88-1	50833	49554	43994	48127	7.56	cps
Sulfur	34-1	386635	383145	374849	381543	1.59	cps
Terbium	159-1	17089787	16667885	15112419	16290030	6.39	cps
Terbium	159-2	8291055	8298776	8257586	8282473	0.26	cps
Thallium	203-1	575	500	475	517	10.07	cps
Thallium	205-1	1475	1358	1167	1333	11.68	cps
Tin	118-1	4201	4651	3609	4154	12.58	cps
Titanium	47-1	14950	13815	14227	14331	4.01	cps
Uranium	238-1	1192	992	908	1031	14.13	cps
Vanadium	51-2	6618	6565	6555	6579	0.52	cps
Yttrium	89-1	14787734	14434667	12988259	14070220	6.78	cps
Yttrium	89-2	2545891	2591086	2584100	2573692	0.95	cps
Zinc	66-2	8856	9066	9140	9021	1.63	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-05	Instrumnet Name :	P7
Client Sample ID :	MDANF6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:12:07	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2117	2512	1817	2149	16.23	cps
Zirconium	91-1	408	350	350	369	9.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70803	59906	57762	62824	11.13	cps
Antimony	121-1	1592	1709	1559	1620	4.86	cps
Arsenic	75-1	2516	1416	1836	1922	28.87	cps
Barium	135-1	21134	21768	21342	21415	1.51	cps
Barium	137-1	37328	36457	37728	37171	1.75	cps
Beryllium	9-1	28	39	22	30	28.65	cps
Bismuth	209-1	10503845	10318302	10354367	10392171	0.95	cps
Bismuth	209-2	6590801	5369270	5444786	5801619	11.80	cps
Boron	10-1	883	583	742	736	20.39	cps
Boron	11-1	3942	3401	3359	3567	9.12	cps
Cadmium	111-1	3617	3477	3412	3502	2.99	cps
Cadmium	106-1	5068	4843	4768	4893	3.19	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	27602	27602	27518	27574	0.18	cps
Calcium	44-1	455160	450423	466471	457351	1.80	cps
Chromium	52-2	23626	24044	22053	23241	4.52	cps
Cobalt	59-2	557	520	517	531	4.18	cps
Copper	63-2	7652	6578	6665	6965	8.56	cps
Dysprosium	156-1	1750	1709	1592	1684	4.88	cps
Dysprosium	156-2	867	1214	830	970	21.83	cps
Erbium	164-1	733	833	842	803	7.51	cps
Erbium	164-2	487	500	367	451	16.28	cps
Gadolinium	160-1	1300	1275	1242	1272	2.30	cps
Gadolinium	160-2	943	800	807	850	9.52	cps
Holmium	165-1	16476562	16259463	16527759	16421261	0.87	cps
Holmium	165-2	9571602	7818277	7896478	8428786	11.75	cps
Indium	115-1	13848129	13563463	13894951	13768847	1.30	cps
Indium	115-2	3789742	3072984	3128464	3330397	11.97	cps
Iron	56-2	833081	718252	689320	746884	10.18	cps
Iron	57-2	20643	19944	18139	19575	6.60	cps
Krypton	83-1	760	733	740	744	1.86	cps
Lead	206-1	19860	19287	19843	19663	1.66	cps
Lead	207-1	16066	15999	15904	15990	0.51	cps
Lead	208-1	74610	74923	75658	75064	0.72	cps
Lithium	6-1	1052391	1021732	972403	1015509	3.97	cps
Magnesium	24-2	11705	9820	9912	10479	10.14	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2534	2310	2307	2384	5.45	cps
Molybdenum	94-1	8026	1375	1234	3545	109.49	cps
Molybdenum	95-1	417	500	517	478	11.21	cps
Molybdenum	96-1	642	942	933	839	20.37	cps
Molybdenum	97-1	517	517	583	539	7.14	cps
Molybdenum	98-1	775	909	917	867	9.18	cps
Neodymium	150-1	2874	2634	2700	2736	4.53	cps
Neodymium	150-2	1427	1397	1223	1349	8.14	cps
Nickel	60-2	4184	3344	5057	4195	20.42	cps
Phosphorus	31-2	1192	1083	1042	1106	7.00	cps
Potassium	39-2	86183	82471	82513	83722	2.55	cps
Rhodium	103-1	13355561	13173028	13218157	13248915	0.72	cps
Rhodium	103-2	7151498	5758525	5806238	6238753	12.68	cps
Scandium	45-1	8107311	7997855	7998258	8034475	0.79	cps
Scandium	45-2	585747	474594	481163	513834	12.14	cps
Selenium	77-2	17	3	7	9	78.08	cps
Selenium	78-2	180	157	183	173	8.08	cps
Selenium	82-1	-30	-40	-80	-50	-52.48	cps
Silicon	28-1	2448415	1008273	1785933	1747540	41.25	cps
Silver	109-1	875	583	925	795	23.23	cps
Silver	107-1	950	908	892	917	3.28	cps
Sodium	23-2	77487	74502	76897	76295	2.07	cps
Strontium	86-1	11830	11489	12514	11944	4.37	cps
Strontium	88-1	96474	94628	97003	96035	1.30	cps
Sulfur	34-1	402419	395795	398038	398751	0.84	cps
Terbium	159-1	17165210	17033336	17211457	17136668	0.54	cps
Terbium	159-2	9691602	7936427	7957151	8528393	11.81	cps
Thallium	203-1	417	350	408	392	9.27	cps
Thallium	205-1	1142	1050	1108	1100	4.22	cps
Tin	118-1	3442	3559	10135	5712	67.07	cps
Titanium	47-1	43519	16436	16872	25609	60.57	cps
Uranium	238-1	1559	1709	1642	1636	4.59	cps
Vanadium	51-2	6892	5918	5898	6236	9.11	cps
Yttrium	89-1	14873879	14653972	14754651	14760834	0.75	cps
Yttrium	89-2	3021008	2445813	2476904	2647908	12.22	cps
Zinc	66-2	10954	9643	9390	9996	8.40	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-06	Instrumnet Name :	P7
Client Sample ID :	MDANF7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7226	3318	45011	18519	124.34	cps
Zirconium	91-1	784	583	642	670	15.38	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308327	303150	307582	306353	0.91	cps
Antimony	121-1	6710	6252	5735	6232	7.83	cps
Arsenic	75-1	2404	2780	3524	2903	19.63	cps
Barium	135-1	48076	49380	46295	47917	3.23	cps
Barium	137-1	83082	86003	79839	82975	3.72	cps
Beryllium	9-1	83	78	44	69	30.69	cps
Bismuth	209-1	9355617	9536072	8691339	9194342	4.84	cps
Bismuth	209-2	5576024	5675716	5515585	5589108	1.45	cps
Boron	10-1	667	608	533	603	11.09	cps
Boron	11-1	3659	2959	2867	3162	13.70	cps
Cadmium	111-1	3349	3133	2888	3123	7.38	cps
Cadmium	106-1	4651	4342	3976	4323	7.82	cps
Cadmium	108-1	4	33	17	18	81.02	cps
Calcium	43-1	42646	43807	40983	42479	3.34	cps
Calcium	44-1	695648	709738	676498	693962	2.40	cps
Chromium	52-2	12519	12552	12202	12424	1.56	cps
Cobalt	59-2	493	513	523	510	3.00	cps
Copper	63-2	9720	9760	10037	9839	1.75	cps
Dysprosium	156-1	1208	1200	1133	1181	3.48	cps
Dysprosium	156-2	657	677	753	696	7.34	cps
Erbium	164-1	700	967	767	811	17.11	cps
Erbium	164-2	447	523	460	477	8.59	cps
Gadolinium	160-1	1300	1050	900	1083	18.66	cps
Gadolinium	160-2	730	790	723	748	4.91	cps
Holmium	165-1	14655547	15228269	13773739	14552518	5.03	cps
Holmium	165-2	8199887	8183602	7992203	8125231	1.42	cps
Indium	115-1	12424418	12691189	11606113	12240573	4.62	cps
Indium	115-2	3222171	3242711	3184539	3216474	0.92	cps
Iron	56-2	2115371	2159752	2185667	2153597	1.65	cps
Iron	57-2	53509	54234	55026	54256	1.40	cps
Krypton	83-1	817	733	733	761	6.32	cps
Lead	206-1	48366	49972	45467	47935	4.76	cps
Lead	207-1	38406	40836	38764	39335	3.33	cps
Lead	208-1	184630	190564	176746	183980	3.77	cps
Lithium	6-1	909454	900764	834919	881712	4.62	cps
Magnesium	24-2	9120	9162	9137	9139	0.23	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6285	6211	6385	6294	1.38	cps
Molybdenum	94-1	3060	2150	2567	2592	17.56	cps
Molybdenum	95-1	417	425	450	431	4.03	cps
Molybdenum	96-1	792	833	658	761	12.01	cps
Molybdenum	97-1	525	492	467	494	5.92	cps
Molybdenum	98-1	550	675	542	589	12.68	cps
Neodymium	150-1	1854	2307	2147	2103	10.94	cps
Neodymium	150-2	1043	1000	1040	1028	2.35	cps
Nickel	60-2	1690	1797	1720	1736	3.17	cps
Phosphorus	31-2	942	1092	1142	1058	9.83	cps
Potassium	39-2	82354	81792	84785	82977	1.92	cps
Rhodium	103-1	12026915	12201196	11130094	11786068	4.88	cps
Rhodium	103-2	6082524	6103226	5945096	6043616	1.42	cps
Scandium	45-1	7201645	7365735	6737507	7101629	4.59	cps
Scandium	45-2	499612	503382	489162	497385	1.48	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	191	169	191	183	7.00	cps
Selenium	82-1	-123	-2	-46	-57	-106.96	cps
Silicon	28-1	2752259	3532874	3268283	3184472	12.47	cps
Silver	109-1	950	967	958	958	0.87	cps
Silver	107-1	900	942	917	920	2.28	cps
Sodium	23-2	77710	76822	77408	77314	0.58	cps
Strontium	86-1	91961	93621	89438	91674	2.30	cps
Strontium	88-1	807952	832425	772515	804297	3.75	cps
Sulfur	34-1	391477	380146	376107	382577	2.08	cps
Terbium	159-1	15375794	15684466	14416388	15158883	4.36	cps
Terbium	159-2	8224480	8298963	8125409	8216284	1.06	cps
Thallium	203-1	433	492	342	422	17.91	cps
Thallium	205-1	725	900	800	808	10.86	cps
Tin	118-1	7736	7402	7302	7480	3.03	cps
Titanium	47-1	49170	25728	17687	30862	53.00	cps
Uranium	238-1	4126	4043	3976	4048	1.86	cps
Vanadium	51-2	8329	8683	8803	8605	2.86	cps
Yttrium	89-1	13318663	13706660	12352201	13125841	5.31	cps
Yttrium	89-2	2591203	2589081	2530562	2570282	1.34	cps
Zinc	66-2	8583	8469	8726	8593	1.50	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-07	Instrumnet Name :	P7
Client Sample ID :	MDANF8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:19:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5535	5885	5652	5691	3.13	cps
Zirconium	91-1	1333	1375	3060	1923	51.22	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	586142	602006	617292	601813	2.59	cps
Antimony	121-1	7052	6752	7261	7021	3.64	cps
Arsenic	75-1	4595	4411	4621	4542	2.52	cps
Barium	135-1	52768	54725	50050	52514	4.47	cps
Barium	137-1	90806	93506	87040	90451	3.59	cps
Beryllium	9-1	83	106	61	83	26.67	cps
Bismuth	209-1	10049577	10196397	9214964	9820313	5.39	cps
Bismuth	209-2	5495305	5653653	5766872	5638610	2.42	cps
Boron	10-1	692	608	617	639	7.18	cps
Boron	11-1	3842	3559	3100	3501	10.69	cps
Cadmium	111-1	3424	3637	3248	3436	5.66	cps
Cadmium	106-1	4784	5026	4484	4765	5.70	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Calcium	43-1	45187	47795	42738	45240	5.59	cps
Calcium	44-1	750329	759779	699338	736482	4.41	cps
Chromium	52-2	18418	18375	19009	18601	1.90	cps
Cobalt	59-2	737	807	753	766	4.78	cps
Copper	63-2	7876	7325	7836	7679	4.00	cps
Dysprosium	156-1	3301	3142	2984	3142	5.04	cps
Dysprosium	156-2	1513	1527	1590	1543	2.65	cps
Erbium	164-1	2517	2250	2059	2275	10.12	cps
Erbium	164-2	1207	1183	1230	1207	1.93	cps
Gadolinium	160-1	2834	2984	2492	2770	9.10	cps
Gadolinium	160-2	1570	1637	1793	1667	6.88	cps
Holmium	165-1	15890213	16261449	14532903	15561522	5.85	cps
Holmium	165-2	7944996	8131576	8322937	8133170	2.32	cps
Indium	115-1	13206013	13416842	12127609	12916821	5.35	cps
Indium	115-2	3104077	3207280	3292197	3201185	2.94	cps
Iron	56-2	2440726	2470670	2577248	2496215	2.87	cps
Iron	57-2	61473	62009	63677	62386	1.84	cps
Krypton	83-1	697	763	717	726	4.72	cps
Lead	206-1	46537	47725	44319	46194	3.74	cps
Lead	207-1	38718	38746	35804	37756	4.48	cps
Lead	208-1	179186	182493	169556	177078	3.80	cps
Lithium	6-1	952531	967307	856811	925550	6.48	cps
Magnesium	24-2	23553	23119	23110	23261	1.09	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6888	6678	6868	6812	1.70	cps
Molybdenum	94-1	3609	3951	4769	4110	14.51	cps
Molybdenum	95-1	458	600	375	478	23.81	cps
Molybdenum	96-1	967	1267	858	1031	20.53	cps
Molybdenum	97-1	558	558	542	553	1.74	cps
Molybdenum	98-1	983	908	658	850	20.02	cps
Neodymium	150-1	4914	4988	4628	4843	3.93	cps
Neodymium	150-2	2104	2117	2237	2152	3.41	cps
Nickel	60-2	1827	1957	2107	1964	7.14	cps
Phosphorus	31-2	825	967	1017	936	10.62	cps
Potassium	39-2	81960	81566	83166	82230	1.01	cps
Rhodium	103-1	12780717	13192352	11744937	12572669	5.93	cps
Rhodium	103-2	5881512	6068060	6183728	6044434	2.52	cps
Scandium	45-1	7814416	7905381	7034325	7584707	6.31	cps
Scandium	45-2	485229	499713	509622	498188	2.46	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	191	174	220	195	12.02	cps
Selenium	82-1	19	-37	71	18	307.32	cps
Silicon	28-1	5499378	5585446	5056940	5380588	5.27	cps
Silver	109-1	900	617	708	742	19.49	cps
Silver	107-1	758	1025	875	886	15.09	cps
Sodium	23-2	71865	74476	73413	73251	1.79	cps
Strontium	86-1	93361	98965	89949	94092	4.84	cps
Strontium	88-1	823767	847073	778194	816345	4.29	cps
Sulfur	34-1	361143	360160	350133	357145	1.71	cps
Terbium	159-1	16612440	16889648	15010174	16170754	6.27	cps
Terbium	159-2	8084330	8271143	8467545	8274339	2.32	cps
Thallium	203-1	358	458	292	369	22.71	cps
Thallium	205-1	933	750	858	847	10.88	cps
Tin	118-1	6710	6527	6285	6507	3.28	cps
Titanium	47-1	32877	20510	18210	23865	33.05	cps
Uranium	238-1	8828	9279	8403	8837	4.96	cps
Vanadium	51-2	12495	12566	13470	12844	4.23	cps
Yttrium	89-1	14273672	14457906	13061768	13931115	5.44	cps
Yttrium	89-2	2496314	2576653	2634265	2569077	2.70	cps
Zinc	66-2	9607	9553	9717	9626	0.87	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-08	Instrumnet Name :	P7
Client Sample ID :	MDANF9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:22:51	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9696	11100	23422	14739	51.24	cps
Zirconium	91-1	2034	2568	1834	2145	17.69	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56994	55597	54994	55862	1.84	cps
Antimony	121-1	20332	19114	17621	19022	7.14	cps
Arsenic	75-1	3223	2500	2326	2683	17.72	cps
Barium	135-1	29741	28355	24873	27656	9.07	cps
Barium	137-1	49907	49054	42868	47276	8.13	cps
Beryllium	9-1	33	50	17	33	50.00	cps
Bismuth	209-1	10131212	9846769	8496023	9491334	9.20	cps
Bismuth	209-2	5493269	5510569	5343339	5449059	1.69	cps
Boron	10-1	608	775	450	611	26.59	cps
Boron	11-1	3367	3100	2492	2987	15.02	cps
Cadmium	111-1	3537	3641	2829	3336	13.25	cps
Cadmium	106-1	4643	4784	3751	4393	12.76	cps
Cadmium	108-1	42	29	54	42	30.00	cps
Calcium	43-1	19096	18529	15876	17834	9.64	cps
Calcium	44-1	320443	311908	274250	302200	8.13	cps
Chromium	52-2	10070	10054	10090	10071	0.18	cps
Cobalt	59-2	587	553	673	604	10.25	cps
Copper	63-2	18255	18752	19076	18694	2.21	cps
Dysprosium	156-1	817	625	667	703	14.34	cps
Dysprosium	156-2	367	443	393	401	9.70	cps
Erbium	164-1	725	492	467	561	25.39	cps
Erbium	164-2	257	300	280	279	7.78	cps
Gadolinium	160-1	783	683	692	719	7.71	cps
Gadolinium	160-2	593	557	513	554	7.22	cps
Holmium	165-1	16064590	15662368	13399151	15042036	9.55	cps
Holmium	165-2	8004829	8023338	7733343	7920503	2.05	cps
Indium	115-1	13444972	12980328	11158666	12527989	9.65	cps
Indium	115-2	3155282	3170575	3067736	3131197	1.77	cps
Iron	56-2	1779941	1787316	1807903	1791720	0.81	cps
Iron	57-2	44513	44462	45254	44743	0.99	cps
Krypton	83-1	773	810	863	816	5.55	cps
Lead	206-1	132617	126401	111228	123415	8.91	cps
Lead	207-1	103960	102616	90053	98876	7.76	cps
Lead	208-1	497871	482930	427715	469505	7.87	cps
Lithium	6-1	955407	920892	797037	891112	9.35	cps
Magnesium	24-2	8711	8002	8269	8328	4.30	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7716	7869	8237	7941	3.38	cps
Molybdenum	94-1	1534	2285	1233	1684	32.16	cps
Molybdenum	95-1	567	475	375	472	20.30	cps
Molybdenum	96-1	11624	758	617	4333	145.73	cps
Molybdenum	97-1	633	467	500	533	16.54	cps
Molybdenum	98-1	725	892	700	772	13.49	cps
Neodymium	150-1	1400	1073	1127	1200	14.60	cps
Neodymium	150-2	553	583	603	580	4.34	cps
Nickel	60-2	1870	1727	1737	1778	4.50	cps
Phosphorus	31-2	2167	2375	1709	2084	16.37	cps
Potassium	39-2	82111	81985	83795	82630	1.22	cps
Rhodium	103-1	13064095	12582993	10674136	12107074	10.44	cps
Rhodium	103-2	5944824	5992543	5648196	5861854	3.18	cps
Scandium	45-1	7762936	7596871	6395375	7251728	10.29	cps
Scandium	45-2	484282	491857	470190	482110	2.28	cps
Selenium	77-2	17	13	17	16	12.40	cps
Selenium	78-2	157	167	163	162	2.87	cps
Selenium	82-1	-138	-100	-187	-142	-30.72	cps
Silicon	28-1	1915087	1620472	2131534	1889031	13.58	cps
Silver	109-1	1834	1625	1150	1536	22.80	cps
Silver	107-1	1817	1700	1525	1681	8.74	cps
Sodium	23-2	73170	71839	72559	72523	0.92	cps
Strontium	86-1	34902	32103	29005	32003	9.22	cps
Strontium	88-1	291893	282067	249552	274504	8.07	cps
Sulfur	34-1	354246	346152	346189	348862	1.34	cps
Terbium	159-1	16819413	16330489	13814336	15654746	10.30	cps
Terbium	159-2	8111075	8113368	7817698	8014047	2.12	cps
Thallium	203-1	267	267	308	281	8.57	cps
Thallium	205-1	917	692	692	767	16.94	cps
Tin	118-1	6969	6468	6202	6546	5.95	cps
Titanium	47-1	14702	15038	12291	14010	10.70	cps
Uranium	238-1	2668	2392	2025	2362	13.64	cps
Vanadium	51-2	6055	6118	6365	6179	2.65	cps
Yttrium	89-1	14401341	13898683	11950765	13416930	9.65	cps
Yttrium	89-2	2505225	2533118	2426118	2488154	2.23	cps
Zinc	66-2	12796	12542	12836	12725	1.25	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-09	Instrumnet Name :	P7
Client Sample ID :	MDANGO	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:26:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3492	4252	2967	3570	18.09	cps
Zirconium	91-1	775	725	742	747	3.41	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407048	404487	409789	407108	0.65	cps
Antimony	121-1	41563	42841	40026	41477	3.40	cps
Arsenic	75-1	17886	18866	18040	18264	2.88	cps
Barium	135-1	100060	103408	94151	99206	4.72	cps
Barium	137-1	224253	179422	164557	189411	16.41	cps
Beryllium	9-1	89	83	67	80	14.52	cps
Bismuth	209-1	10182082	10327651	9440072	9983268	4.77	cps
Bismuth	209-2	5716695	5847807	5807363	5790622	1.16	cps
Boron	10-1	717	617	550	628	13.36	cps
Boron	11-1	3426	3517	2709	3217	13.76	cps
Cadmium	111-1	3471	4014	3229	3571	11.27	cps
Cadmium	106-1	4451	5226	4234	4637	11.25	cps
Cadmium	108-1	46	33	63	47	30.99	cps
Calcium	43-1	67153	67563	62182	65633	4.56	cps
Calcium	44-1	1080784	1116082	1019320	1072062	4.57	cps
Chromium	52-2	23833	24257	24925	24338	2.26	cps
Cobalt	59-2	903	860	763	842	8.51	cps
Copper	63-2	51902	52213	52320	52145	0.42	cps
Dysprosium	156-1	2367	2334	2492	2398	3.48	cps
Dysprosium	156-2	1417	1400	1420	1412	0.76	cps
Erbium	164-1	2159	2017	2017	2064	3.96	cps
Erbium	164-2	1043	1073	1010	1042	3.04	cps
Gadolinium	160-1	2609	2359	1909	2292	15.48	cps
Gadolinium	160-2	1377	1433	1363	1391	2.67	cps
Holmium	165-1	16087649	16112640	14798089	15666126	4.80	cps
Holmium	165-2	8334048	8431804	8350456	8372103	0.63	cps
Indium	115-1	13240172	13462558	12294644	12999124	4.77	cps
Indium	115-2	3247653	3274711	3286484	3269616	0.61	cps
Iron	56-2	8321882	8204442	8211598	8245974	0.80	cps
Iron	57-2	198478	200562	195930	198323	1.17	cps
Krypton	83-1	843	723	807	791	7.77	cps
Lead	206-1	395259	404155	372439	390618	4.19	cps
Lead	207-1	320064	328973	302335	317124	4.28	cps
Lead	208-1	1511482	1549355	1427294	1496044	4.18	cps
Lithium	6-1	976390	958395	893591	942792	4.62	cps
Magnesium	24-2	33581	32578	33222	33127	1.53	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13253	13286	13556	13365	1.25	cps
Molybdenum	94-1	5043	4759	4526	4776	5.42	cps
Molybdenum	95-1	917	683	742	781	15.56	cps
Molybdenum	96-1	1667	1517	1509	1564	5.70	cps
Molybdenum	97-1	783	692	642	706	10.18	cps
Molybdenum	98-1	1375	1408	1225	1336	7.31	cps
Neodymium	150-1	4227	4127	3874	4076	4.47	cps
Neodymium	150-2	1827	1957	1827	1870	4.01	cps
Nickel	60-2	2957	2964	3047	2989	1.68	cps
Phosphorus	31-2	9654	9595	9262	9503	2.22	cps
Potassium	39-2	91774	90753	91322	91283	0.56	cps
Rhodium	103-1	12824966	12985645	11844130	12551580	4.92	cps
Rhodium	103-2	6210573	6251102	6211601	6224425	0.37	cps
Scandium	45-1	7784835	7852968	7151187	7596330	5.09	cps
Scandium	45-2	503335	509115	507807	506752	0.60	cps
Selenium	77-2	17	3	10	10	66.70	cps
Selenium	78-2	156	183	169	169	8.22	cps
Selenium	82-1	-131	6	-133	-86	-92.96	cps
Silicon	28-1	3785604	3665191	4180360	3877052	6.95	cps
Silver	109-1	2300	2325	1942	2189	9.80	cps
Silver	107-1	2075	2317	1759	2050	13.66	cps
Sodium	23-2	73112	73505	74418	73678	0.91	cps
Strontium	86-1	160313	166598	149010	158640	5.62	cps
Strontium	88-1	1418044	1435114	1317076	1390078	4.59	cps
Sulfur	34-1	377078	377950	364494	373174	2.02	cps
Terbium	159-1	16906036	16787610	15350300	16347982	5.30	cps
Terbium	159-2	8425522	8398155	8448178	8423952	0.30	cps
Thallium	203-1	300	275	367	314	15.10	cps
Thallium	205-1	750	867	567	728	20.78	cps
Tin	118-1	17361	17812	16051	17075	5.36	cps
Titanium	47-1	30938	36389	23806	30377	20.77	cps
Uranium	238-1	7778	8086	8405	8090	3.88	cps
Vanadium	51-2	20020	19787	20501	20103	1.81	cps
Yttrium	89-1	14390064	14461003	13239526	14030198	4.89	cps
Yttrium	89-2	2614501	2645371	2633713	2631195	0.59	cps
Zinc	66-2	21963	21199	22468	21877	2.92	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-10	Instrumnet Name :	P7
Client Sample ID :	MDANG1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:30:00	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13000	12825	11397	12407	7.09	cps
Zirconium	91-1	2592	3118	2775	2828	9.44	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882657	880087	895141	885962	0.91	cps
Antimony	121-1	5943	5693	5885	5840	2.24	cps
Arsenic	75-1	2992	2997	3900	3296	15.87	cps
Barium	135-1	12840	12198	13173	12737	3.89	cps
Barium	137-1	22761	21376	21576	21904	3.42	cps
Beryllium	9-1	67	78	67	70	9.11	cps
Bismuth	209-1	10383725	9408530	9401041	9731098	5.81	cps
Bismuth	209-2	5782677	5986286	5871772	5880245	1.74	cps
Boron	10-1	775	467	575	606	25.83	cps
Boron	11-1	3609	2975	2725	3103	14.68	cps
Cadmium	111-1	3246	2978	2995	3073	4.87	cps
Cadmium	106-1	4593	4226	4226	4348	4.87	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Calcium	43-1	23319	20974	21300	21864	5.81	cps
Calcium	44-1	381389	355393	366439	367740	3.55	cps
Chromium	52-2	21356	21206	21452	21338	0.58	cps
Cobalt	59-2	1310	1350	1367	1342	2.17	cps
Copper	63-2	4687	4884	4781	4784	2.06	cps
Dysprosium	156-1	2917	2867	2984	2923	2.00	cps
Dysprosium	156-2	1693	1667	1710	1690	1.29	cps
Erbium	164-1	2050	1692	2042	1928	10.61	cps
Erbium	164-2	1310	1067	1173	1183	10.31	cps
Gadolinium	160-1	2700	2659	2667	2675	0.82	cps
Gadolinium	160-2	1867	1660	1887	1805	6.96	cps
Holmium	165-1	16228069	14907883	14749429	15295127	5.31	cps
Holmium	165-2	8405806	8628851	8537082	8523913	1.32	cps
Indium	115-1	13549144	12369022	12282369	12733512	5.56	cps
Indium	115-2	3275870	3385871	3328715	3330152	1.65	cps
Iron	56-2	1683642	1681960	1698923	1688175	0.55	cps
Iron	57-2	42506	42746	42211	42488	0.63	cps
Krypton	83-1	763	800	800	788	2.69	cps
Lead	206-1	27006	24724	25842	25857	4.41	cps
Lead	207-1	21557	21076	21140	21257	1.23	cps
Lead	208-1	103125	97531	99832	100162	2.81	cps
Lithium	6-1	999340	911406	891024	933923	6.16	cps
Magnesium	24-2	6343	6102	6435	6293	2.74	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1387	1543	1290	1407	9.09	cps
Molybdenum	94-1	6677	5593	6135	6135	8.83	cps
Molybdenum	95-1	475	525	400	467	13.48	cps
Molybdenum	96-1	1817	1818	1300	1645	18.15	cps
Molybdenum	97-1	583	375	542	500	22.05	cps
Molybdenum	98-1	817	575	600	664	20.02	cps
Neodymium	150-1	5315	4568	4968	4950	7.56	cps
Neodymium	150-2	2370	2370	2407	2382	0.89	cps
Nickel	60-2	2640	2864	2774	2759	4.07	cps
Phosphorus	31-2	817	900	758	825	8.63	cps
Potassium	39-2	80293	80368	79379	80013	0.69	cps
Rhodium	103-1	13023954	11846477	11712042	12194158	5.92	cps
Rhodium	103-2	6260155	6429162	6349987	6346435	1.33	cps
Scandium	45-1	7852250	7092247	7096507	7347001	5.96	cps
Scandium	45-2	512057	519392	516530	515993	0.72	cps
Selenium	77-2	10	27	13	17	52.93	cps
Selenium	78-2	178	194	187	186	4.48	cps
Selenium	82-1	9	-41	-65	-32	-118.45	cps
Silicon	28-1	7764474	7051020	7266045	7360513	4.97	cps
Silver	109-1	650	775	625	683	11.76	cps
Silver	107-1	750	700	667	706	5.95	cps
Sodium	23-2	72199	72123	72668	72330	0.41	cps
Strontium	86-1	50615	45950	46569	47711	5.31	cps
Strontium	88-1	422152	390628	399085	403955	4.04	cps
Sulfur	34-1	351020	335788	330076	338961	3.19	cps
Terbium	159-1	16968078	15561782	15341108	15956989	5.53	cps
Terbium	159-2	8482243	8716279	8626828	8608450	1.37	cps
Thallium	203-1	325	233	325	294	17.97	cps
Thallium	205-1	658	683	642	661	3.17	cps
Tin	118-1	3384	3101	3234	3239	4.38	cps
Titanium	47-1	22422	21093	39533	27683	37.15	cps
Uranium	238-1	8645	7244	7803	7897	8.93	cps
Vanadium	51-2	11054	11478	11505	11346	2.23	cps
Yttrium	89-1	14527134	13144475	13219816	13630475	5.70	cps
Yttrium	89-2	2629994	2725617	2660209	2671940	1.83	cps
Zinc	66-2	2690	2914	3170	2925	8.21	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-11	Instrumnet Name :	P7
Client Sample ID :	MDANG2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:33:34	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18164	13949	15084	15732	13.86	cps
Zirconium	91-1	3576	5049	3576	4067	20.91	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558761	574134	615476	582790	5.03	cps
Antimony	121-1	7352	8153	6544	7350	10.95	cps
Arsenic	75-1	3772	4155	3300	3742	11.44	cps
Barium	135-1	41396	41346	38371	40371	4.29	cps
Barium	137-1	71844	72515	63840	69400	6.95	cps
Beryllium	9-1	111	78	72	87	24.17	cps
Bismuth	209-1	10290073	10240954	9219778	9916935	6.09	cps
Bismuth	209-2	5655116	5873297	6076347	5868254	3.59	cps
Boron	10-1	525	575	500	533	7.16	cps
Boron	11-1	3326	3184	2992	3167	5.28	cps
Cadmium	111-1	3440	3231	3157	3276	4.48	cps
Cadmium	106-1	4818	4501	4434	4584	4.47	cps
Cadmium	108-1	46	33	25	35	30.20	cps
Calcium	43-1	35185	36212	32445	34614	5.63	cps
Calcium	44-1	594814	597179	545466	579153	5.04	cps
Chromium	52-2	20524	20732	21783	21013	3.21	cps
Cobalt	59-2	1190	1087	1243	1173	6.79	cps
Copper	63-2	5258	5334	5504	5366	2.35	cps
Dysprosium	156-1	3667	3726	3234	3542	7.59	cps
Dysprosium	156-2	1863	1870	1897	1877	0.94	cps
Erbium	164-1	2742	2659	2492	2631	4.84	cps
Erbium	164-2	1280	1367	1550	1399	9.86	cps
Gadolinium	160-1	2992	3100	2584	2892	9.42	cps
Gadolinium	160-2	1990	1874	2090	1985	5.46	cps
Holmium	165-1	16296435	16151277	14629876	15692529	5.88	cps
Holmium	165-2	8297797	8470523	8706836	8491719	2.42	cps
Indium	115-1	13585840	13545288	11996827	13042652	6.95	cps
Indium	115-2	3232136	3334867	3470679	3345894	3.58	cps
Iron	56-2	3088236	3173603	3387176	3216338	4.79	cps
Iron	57-2	76186	77555	81967	78569	3.85	cps
Krypton	83-1	780	760	783	774	1.63	cps
Lead	206-1	31243	30040	26828	29370	7.77	cps
Lead	207-1	24896	23994	22759	23883	4.49	cps
Lead	208-1	116967	114824	104573	112121	5.91	cps
Lithium	6-1	930884	918345	815907	888379	7.10	cps
Magnesium	24-2	18913	19747	21132	19931	5.63	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5291	5634	6195	5707	7.99	cps
Molybdenum	94-1	3492	3242	3076	3270	6.41	cps
Molybdenum	95-1	508	500	483	497	2.56	cps
Molybdenum	96-1	1242	1283	1133	1220	6.35	cps
Molybdenum	97-1	642	525	592	586	9.99	cps
Molybdenum	98-1	825	808	717	783	7.45	cps
Neodymium	150-1	6463	6215	5595	6091	7.34	cps
Neodymium	150-2	2764	2570	2937	2757	6.65	cps
Nickel	60-2	2124	2114	2274	2170	4.13	cps
Phosphorus	31-2	808	925	967	900	9.12	cps
Potassium	39-2	79581	80753	81609	80648	1.26	cps
Rhodium	103-1	13112117	12936648	11676248	12575004	6.23	cps
Rhodium	103-2	6124680	6271363	6552831	6316292	3.44	cps
Scandium	45-1	7785856	7718450	6921340	7475215	6.43	cps
Scandium	45-2	497962	509577	526186	511242	2.77	cps
Selenium	77-2	23	13	23	20	28.87	cps
Selenium	78-2	176	165	174	172	3.47	cps
Selenium	82-1	-65	-24	-43	-44	-46.66	cps
Silicon	28-1	5249283	4978778	4754132	4994064	4.96	cps
Silver	109-1	625	650	708	661	6.47	cps
Silver	107-1	800	683	517	667	21.36	cps
Sodium	23-2	68650	69453	71295	69799	1.94	cps
Strontium	86-1	95617	93673	87341	92210	4.69	cps
Strontium	88-1	831170	819909	750491	800523	5.46	cps
Sulfur	34-1	323283	316149	308848	316093	2.28	cps
Terbium	159-1	16865290	16720694	15066126	16217370	6.16	cps
Terbium	159-2	8327175	8501654	8819778	8549535	2.92	cps
Thallium	203-1	225	267	167	219	22.89	cps
Thallium	205-1	675	600	592	622	7.38	cps
Tin	118-1	3567	4126	3467	3720	9.54	cps
Titanium	47-1	13226	13485	11130	12613	10.24	cps
Uranium	238-1	8336	7961	7728	8008	3.83	cps
Vanadium	51-2	19066	19573	20721	19787	4.29	cps
Yttrium	89-1	14609503	14509368	12920921	14013264	6.76	cps
Yttrium	89-2	2576484	2661180	2771374	2669679	3.66	cps
Zinc	66-2	1677	1713	1813	1735	4.08	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-12	Instrumnet Name :	P7
Client Sample ID :	MDANG3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:37:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8528	9264	8054	8615	7.08	cps
Zirconium	91-1	2476	1834	1684	1998	21.07	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683715	675463	682678	680619	0.66	cps
Antimony	121-1	10938	10296	9729	10321	5.86	cps
Arsenic	75-1	3297	5170	3376	3947	26.84	cps
Barium	135-1	56624	56507	50560	54564	6.36	cps
Barium	137-1	98541	97259	88625	94808	5.69	cps
Beryllium	9-1	78	61	44	61	27.27	cps
Bismuth	209-1	10232887	10190176	9262501	9895188	5.54	cps
Bismuth	209-2	5445989	5503933	5527454	5492459	0.76	cps
Boron	10-1	625	433	442	500	21.67	cps
Boron	11-1	3067	3050	2275	2798	16.17	cps
Cadmium	111-1	3442	3656	3003	3367	9.89	cps
Cadmium	106-1	4634	4984	4159	4593	9.02	cps
Cadmium	108-1	21	29	42	31	34.33	cps
Calcium	43-1	64952	61822	55923	60899	7.53	cps
Calcium	44-1	1035380	1029142	926313	996945	6.14	cps
Chromium	52-2	21079	20772	21493	21114	1.71	cps
Cobalt	59-2	387	403	387	392	2.45	cps
Copper	63-2	11208	11371	11528	11369	1.41	cps
Dysprosium	156-1	3226	2634	2850	2903	10.31	cps
Dysprosium	156-2	1603	1600	1580	1595	0.79	cps
Erbium	164-1	1750	1750	1692	1731	1.95	cps
Erbium	164-2	817	780	980	859	12.40	cps
Gadolinium	160-1	2742	2717	2375	2611	7.85	cps
Gadolinium	160-2	1447	1557	1483	1496	3.75	cps
Holmium	165-1	16264491	15905357	14325496	15498448	6.66	cps
Holmium	165-2	7883884	7915146	7911077	7903369	0.22	cps
Indium	115-1	13436035	13369343	12127458	12977612	5.68	cps
Indium	115-2	3108527	3129394	3125694	3121205	0.36	cps
Iron	56-2	1609987	1594643	1625256	1609962	0.95	cps
Iron	57-2	40752	39654	40495	40300	1.42	cps
Krypton	83-1	803	820	750	791	4.62	cps
Lead	206-1	47346	46978	42273	45532	6.21	cps
Lead	207-1	38456	37470	35269	37065	4.40	cps
Lead	208-1	183408	178732	164024	175388	5.77	cps
Lithium	6-1	893496	865609	798851	852652	5.70	cps
Magnesium	24-2	29321	29029	28879	29076	0.77	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1757	1830	1727	1771	3.00	cps
Molybdenum	94-1	7743	4893	4709	5782	29.42	cps
Molybdenum	95-1	558	550	1378	829	57.39	cps
Molybdenum	96-1	1559	1325	1459	1447	8.09	cps
Molybdenum	97-1	600	558	592	583	3.78	cps
Molybdenum	98-1	867	875	883	875	0.95	cps
Neodymium	150-1	5048	5041	4615	4901	5.07	cps
Neodymium	150-2	2047	2217	2324	2196	6.36	cps
Nickel	60-2	2424	2340	2514	2426	3.57	cps
Phosphorus	31-2	11280	10129	11530	10979	6.81	cps
Potassium	39-2	93661	91490	95742	93631	2.27	cps
Rhodium	103-1	12911594	12687915	11456804	12352104	6.34	cps
Rhodium	103-2	5908438	5884658	5905300	5899465	0.22	cps
Scandium	45-1	7607189	7628169	6826718	7354026	6.21	cps
Scandium	45-2	479607	475930	481177	478904	0.56	cps
Selenium	77-2	27	17	10	18	47.19	cps
Selenium	78-2	220	228	174	207	14.03	cps
Selenium	82-1	34	5	52	30	79.51	cps
Silicon	28-1	2612630	3083627	3357205	3017821	12.48	cps
Silver	109-1	817	758	883	820	7.63	cps
Silver	107-1	817	867	867	850	3.40	cps
Sodium	23-2	70969	70457	70265	70564	0.52	cps
Strontium	86-1	135830	134088	120131	130016	6.62	cps
Strontium	88-1	1178261	1150741	1060866	1129956	5.43	cps
Sulfur	34-1	324591	316273	306579	315814	2.85	cps
Terbium	159-1	16702999	16426880	14933855	16021244	5.94	cps
Terbium	159-2	8001883	8039859	8066036	8035926	0.40	cps
Thallium	203-1	283	208	292	261	17.58	cps
Thallium	205-1	650	617	633	633	2.63	cps
Tin	118-1	3809	3576	3234	3539	8.17	cps
Titanium	47-1	30999	52339	32206	38515	31.12	cps
Uranium	238-1	8236	8403	7394	8011	6.75	cps
Vanadium	51-2	10901	10874	11204	10993	1.67	cps
Yttrium	89-1	14408418	14253926	12914472	13858939	5.93	cps
Yttrium	89-2	2477433	2491255	2477179	2481956	0.32	cps
Zinc	66-2	12542	12312	12926	12593	2.46	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-13	Instrumnet Name :	P7
Client Sample ID :	MDANG4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:40:44	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15093	13583	12307	13661	10.21	cps
Zirconium	91-1	3452	3259	2667	3126	13.08	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	755141	799574	861220	805312	6.62	cps
Antimony	121-1	27278	27611	25582	26824	4.06	cps
Arsenic	75-1	23914	21651	21798	22454	5.64	cps
Barium	135-1	38530	38454	36599	37861	2.89	cps
Barium	137-1	66410	66183	63681	65425	2.31	cps
Beryllium	9-1	117	61	133	104	36.47	cps
Bismuth	209-1	10308160	10377989	9811401	10165850	3.04	cps
Bismuth	209-2	5676961	5915262	6388659	5993627	6.04	cps
Boron	10-1	650	617	500	589	13.38	cps
Boron	11-1	3301	3025	2759	3028	8.95	cps
Cadmium	111-1	3655	3654	3460	3590	3.12	cps
Cadmium	106-1	4634	4759	4326	4573	4.88	cps
Cadmium	108-1	92	46	38	58	50.00	cps
Calcium	43-1	69740	70669	66108	68839	3.50	cps
Calcium	44-1	1131633	1152666	1086477	1123592	3.01	cps
Chromium	52-2	21593	21927	24434	22651	6.86	cps
Cobalt	59-2	1287	1437	1570	1431	9.91	cps
Copper	63-2	21189	21833	23960	22327	6.49	cps
Dysprosium	156-1	2409	2509	2375	2431	2.86	cps
Dysprosium	156-2	1297	1373	1563	1411	9.73	cps
Erbium	164-1	1867	1934	1642	1814	8.43	cps
Erbium	164-2	960	1070	960	997	6.37	cps
Gadolinium	160-1	2242	1984	1992	2072	7.08	cps
Gadolinium	160-2	1180	1367	1490	1346	11.60	cps
Holmium	165-1	16286620	16517657	15348217	16050831	3.86	cps
Holmium	165-2	8219115	8543440	9168048	8643534	5.58	cps
Indium	115-1	13439229	13698239	12854895	13330788	3.24	cps
Indium	115-2	3242998	3426132	3587346	3418826	5.04	cps
Iron	56-2	3256292	3376268	3694604	3442388	6.58	cps
Iron	57-2	79677	85729	91635	85681	6.98	cps
Krypton	83-1	747	820	737	768	5.93	cps
Lead	206-1	76782	77659	73469	75970	2.91	cps
Lead	207-1	63602	63413	60002	62339	3.25	cps
Lead	208-1	296254	297217	282456	291976	2.83	cps
Lithium	6-1	869708	856434	785702	837281	5.39	cps
Magnesium	24-2	37523	39060	42127	39570	5.92	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12989	13323	15018	13777	7.90	cps
Molybdenum	94-1	4976	4884	4493	4784	5.37	cps
Molybdenum	95-1	767	750	808	775	3.88	cps
Molybdenum	96-1	1550	1558	1450	1520	3.97	cps
Molybdenum	97-1	917	708	808	811	12.85	cps
Molybdenum	98-1	1275	1400	1275	1317	5.48	cps
Neodymium	150-1	4154	4187	3907	4083	3.75	cps
Neodymium	150-2	1700	1994	2020	1905	9.32	cps
Nickel	60-2	4331	4471	5231	4677	10.36	cps
Phosphorus	31-2	3609	3476	3626	3570	2.30	cps
Potassium	39-2	88472	91306	91280	90353	1.80	cps
Rhodium	103-1	12992482	13040422	12504126	12845677	2.31	cps
Rhodium	103-2	6119400	6394217	6773541	6429053	5.11	cps
Scandium	45-1	7701303	7844443	7294525	7613423	3.75	cps
Scandium	45-2	494292	518447	551883	521541	5.55	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	204	170	169	181	10.95	cps
Selenium	82-1	18	-90	-49	-41	-133.99	cps
Silicon	28-1	5515748	5099400	5127726	5247625	4.43	cps
Silver	109-1	833	1000	1050	961	11.80	cps
Silver	107-1	1108	1033	950	1031	7.69	cps
Sodium	23-2	69529	69996	74029	71185	3.48	cps
Strontium	86-1	141543	138940	130986	137156	4.01	cps
Strontium	88-1	1229507	1243583	1163383	1212157	3.53	cps
Sulfur	34-1	315730	313848	308188	312589	1.26	cps
Terbium	159-1	16754954	17110308	16114252	16659838	3.03	cps
Terbium	159-2	8356647	8790438	9238669	8795251	5.01	cps
Thallium	203-1	175	233	158	189	20.85	cps
Thallium	205-1	625	767	633	675	11.78	cps
Tin	118-1	7944	7286	7652	7627	4.33	cps
Titanium	47-1	23146	22731	49181	31686	47.82	cps
Uranium	238-1	8228	8003	8153	8128	1.41	cps
Vanadium	51-2	20010	20384	22357	20917	6.03	cps
Yttrium	89-1	14538866	14609369	13803946	14317394	3.12	cps
Yttrium	89-2	2572153	2716952	2881084	2723396	5.68	cps
Zinc	66-2	42204	43502	48815	44840	7.81	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-14	Instrumnet Name :	P7
Client Sample ID :	MDANG5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:44:18	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11922	11013	10880	11272	5.03	cps
Zirconium	91-1	3044	3544	2467	3019	17.86	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362972	366225	414100	381099	7.51	cps
Antimony	121-1	21768	21317	20900	21328	2.04	cps
Arsenic	75-1	22867	22297	23085	22750	1.79	cps
Barium	135-1	151720	153472	145599	150263	2.75	cps
Barium	137-1	258559	262125	252373	257686	1.91	cps
Beryllium	9-1	94	133	89	106	22.94	cps
Bismuth	209-1	10524685	10598318	9942992	10355332	3.47	cps
Bismuth	209-2	5579075	5716190	6363518	5886261	7.12	cps
Boron	10-1	808	683	775	756	8.57	cps
Boron	11-1	4418	4334	3634	4129	10.42	cps
Cadmium	111-1	5083	5167	4872	5041	3.02	cps
Cadmium	106-1	5193	5218	4959	5123	2.78	cps
Cadmium	108-1	146	158	167	157	6.68	cps
Calcium	43-1	121781	120598	118069	120149	1.58	cps
Calcium	44-1	2012195	2016912	1900455	1976521	3.33	cps
Chromium	52-2	76625	77272	88044	80647	7.95	cps
Cobalt	59-2	4251	4474	4727	4484	5.32	cps
Copper	63-2	114776	117559	132786	121707	7.97	cps
Dysprosium	156-1	4242	3942	3726	3970	6.54	cps
Dysprosium	156-2	2000	2067	2274	2114	6.74	cps
Erbium	164-1	3517	3951	3734	3734	5.80	cps
Erbium	164-2	1723	2010	1924	1886	7.80	cps
Gadolinium	160-1	3601	4034	3417	3684	8.60	cps
Gadolinium	160-2	2024	2040	2404	2156	9.96	cps
Holmium	165-1	16726307	16526307	15646851	16299822	3.52	cps
Holmium	165-2	8053819	8301168	9117049	8490679	6.55	cps
Indium	115-1	13858618	13834353	13031614	13574862	3.47	cps
Indium	115-2	3157666	3265698	3601024	3341463	6.92	cps
Iron	56-2	8799762	8915533	10031562	9248952	7.35	cps
Iron	57-2	208399	213782	241784	221322	8.10	cps
Krypton	83-1	840	837	743	807	6.80	cps
Lead	206-1	1118010	1123709	1076170	1105963	2.35	cps
Lead	207-1	911023	918360	875771	901718	2.52	cps
Lead	208-1	4283840	4325760	4132654	4247418	2.39	cps
Lithium	6-1	868123	849850	788320	835431	5.00	cps
Magnesium	24-2	92184	91907	105916	96669	8.29	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155246	156869	178061	163392	7.79	cps
Molybdenum	94-1	9706	9454	9045	9401	3.55	cps
Molybdenum	95-1	1675	1525	1483	1561	6.46	cps
Molybdenum	96-1	3159	3284	3026	3156	4.09	cps
Molybdenum	97-1	1233	1033	1150	1139	8.82	cps
Molybdenum	98-1	2450	2567	2542	2520	2.44	cps
Neodymium	150-1	16506	5861	5648	9338	66.48	cps
Neodymium	150-2	2327	2397	2980	2568	13.97	cps
Nickel	60-2	8296	8376	9186	8619	5.72	cps
Phosphorus	31-2	6460	7177	8336	7324	12.92	cps
Potassium	39-2	123905	124175	132647	126909	3.92	cps
Rhodium	103-1	13405311	13329213	12577172	13103899	3.49	cps
Rhodium	103-2	5995799	6151300	6768382	6305160	6.48	cps
Scandium	45-1	8017012	7872372	7313612	7734332	4.80	cps
Scandium	45-2	484411	493717	550897	509675	7.06	cps
Selenium	77-2	27	20	23	23	14.29	cps
Selenium	78-2	191	169	167	175	7.64	cps
Selenium	82-1	-55	-33	-72	-53	-36.53	cps
Silicon	28-1	3668000	4261358	4126024	4018461	7.74	cps
Silver	109-1	2217	2575	2359	2384	7.57	cps
Silver	107-1	2600	2425	2625	2550	4.27	cps
Sodium	23-2	88729	89049	92258	90012	2.17	cps
Strontium	86-1	147719	150752	141770	146747	3.11	cps
Strontium	88-1	1282230	1302456	1236722	1273803	2.64	cps
Sulfur	34-1	336218	334640	337492	336117	0.43	cps
Terbium	159-1	17304061	17212311	16400757	16972376	2.93	cps
Terbium	159-2	8152094	8376042	9255447	8594527	6.79	cps
Thallium	203-1	325	292	458	358	24.61	cps
Thallium	205-1	925	883	908	906	2.32	cps
Tin	118-1	37083	37192	36473	36916	1.05	cps
Titanium	47-1	30660	32131	28689	30493	5.66	cps
Uranium	238-1	15552	16695	14809	15685	6.06	cps
Vanadium	51-2	16883	17060	19033	17659	6.76	cps
Yttrium	89-1	15050659	14968159	14047286	14688702	3.79	cps
Yttrium	89-2	2554244	2590167	2880791	2675067	6.69	cps
Zinc	66-2	184037	185971	208582	192863	7.08	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-15	Instrumnet Name :	P7
Client Sample ID :	MDANG6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:47:52	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23420	24171	24796	24129	2.86	cps
Zirconium	91-1	5251	5635	5168	5351	4.65	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360221	375930	403692	379947	5.79	cps
Antimony	121-1	20282	20724	19264	20090	3.73	cps
Arsenic	75-1	21955	21640	19667	21087	5.88	cps
Barium	135-1	160890	158849	150946	156895	3.35	cps
Barium	137-1	277483	275722	257205	270136	4.16	cps
Beryllium	9-1	117	161	117	131	19.52	cps
Bismuth	209-1	10108009	10380432	9670043	10052828	3.57	cps
Bismuth	209-2	5856516	6104199	6420409	6127042	4.61	cps
Boron	10-1	850	758	650	753	13.30	cps
Boron	11-1	4351	4117	3684	4051	8.35	cps
Cadmium	111-1	4760	4967	4569	4765	4.17	cps
Cadmium	106-1	4726	4718	4459	4634	3.27	cps
Cadmium	108-1	213	200	117	176	29.54	cps
Calcium	43-1	122656	121747	113703	119369	4.13	cps
Calcium	44-1	1989585	1985228	1826445	1933753	4.81	cps
Chromium	52-2	87841	74257	80975	81024	8.38	cps
Cobalt	59-2	4197	4447	5038	4561	9.46	cps
Copper	63-2	117418	125323	133173	125305	6.29	cps
Dysprosium	156-1	4243	4234	4134	4204	1.43	cps
Dysprosium	156-2	2087	2307	2394	2262	6.99	cps
Erbium	164-1	4009	3951	3276	3745	10.89	cps
Erbium	164-2	2057	2164	2504	2241	10.41	cps
Gadolinium	160-1	3934	4276	3567	3926	9.03	cps
Gadolinium	160-2	2164	2404	2504	2357	7.42	cps
Holmium	165-1	16043039	16418493	15164511	15875348	4.05	cps
Holmium	165-2	8533479	8847268	9250904	8877217	4.05	cps
Indium	115-1	13263526	13657051	12575448	13165342	4.16	cps
Indium	115-2	3323434	3455391	3630418	3469747	4.44	cps
Iron	56-2	7227794	7620319	8240323	7696145	6.63	cps
Iron	57-2	177175	185051	197710	186645	5.55	cps
Krypton	83-1	767	787	830	794	4.08	cps
Lead	206-1	1178372	1188256	1114863	1160497	3.43	cps
Lead	207-1	966866	964909	901019	944265	3.97	cps
Lead	208-1	4538119	4569661	4266539	4458106	3.74	cps
Lithium	6-1	825687	804349	752997	794344	4.70	cps
Magnesium	24-2	92712	97190	105503	98468	6.59	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160169	167854	180225	169416	5.97	cps
Molybdenum	94-1	10229	11156	9312	10232	9.01	cps
Molybdenum	95-1	1667	1617	1492	1592	5.66	cps
Molybdenum	96-1	3309	3617	3000	3309	9.32	cps
Molybdenum	97-1	1400	1400	1150	1317	10.96	cps
Molybdenum	98-1	2400	2575	2684	2553	5.60	cps
Neodymium	150-1	5962	5995	5721	5893	2.53	cps
Neodymium	150-2	2627	2760	3034	2807	7.39	cps
Nickel	60-2	9994	10421	11298	10571	6.29	cps
Phosphorus	31-2	6185	6960	7260	6802	8.16	cps
Potassium	39-2	126031	128117	131958	128702	2.34	cps
Rhodium	103-1	12818226	13204390	12053402	12692006	4.62	cps
Rhodium	103-2	6318671	6551543	6916487	6595567	4.57	cps
Scandium	45-1	7539981	7585486	7033292	7386253	4.15	cps
Scandium	45-2	512328	526432	551135	529965	3.71	cps
Selenium	77-2	30	20	13	21	39.75	cps
Selenium	78-2	120	191	202	171	25.84	cps
Selenium	82-1	-1	-101	-142	-82	-88.88	cps
Silicon	28-1	3260144	4136188	3007632	3467988	17.08	cps
Silver	109-1	2525	2550	1959	2345	14.27	cps
Silver	107-1	2442	2750	2417	2536	7.32	cps
Sodium	23-2	116744	120623	122656	120008	2.50	cps
Strontium	86-1	153833	151314	143386	149511	3.65	cps
Strontium	88-1	1327555	1317866	1242230	1295883	3.61	cps
Sulfur	34-1	354682	350508	342498	349229	1.77	cps
Terbium	159-1	16626706	16825105	15797312	16416374	3.32	cps
Terbium	159-2	8572362	8955915	9269296	8932524	3.91	cps
Thallium	203-1	417	408	358	394	8.00	cps
Thallium	205-1	1050	758	808	872	17.88	cps
Tin	118-1	38103	37142	34535	36593	5.04	cps
Titanium	47-1	46314	33134	34068	37839	19.44	cps
Uranium	238-1	15593	16069	15385	15682	2.24	cps
Vanadium	51-2	18562	18769	20334	19222	5.04	cps
Yttrium	89-1	14322396	14643169	13508041	14157869	4.13	cps
Yttrium	89-2	2683031	2784388	2931168	2799529	4.46	cps
Zinc	66-2	211184	219207	234906	221766	5.44	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-16	Instrumnet Name :	P7
Client Sample ID :	MDANG7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	25492	25517	24013	25007	3.44	cps
Zirconium	91-1	5851	5718	5135	5568	6.85	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880013	920785	995428	932075	6.28	cps
Antimony	121-1	2342	2650	2292	2428	8.00	cps
Arsenic	75-1	6808	6880	5979	6556	7.64	cps
Barium	135-1	44949	44481	43068	44166	2.22	cps
Barium	137-1	76101	75606	72691	74799	2.46	cps
Beryllium	9-1	61	83	67	70	16.44	cps
Bismuth	209-1	10709177	10485514	9912257	10368982	3.96	cps
Bismuth	209-2	5661164	5923255	6293093	5959171	5.33	cps
Boron	10-1	617	625	575	606	4.42	cps
Boron	11-1	2942	2884	2750	2859	3.44	cps
Cadmium	111-1	3477	3249	3043	3257	6.66	cps
Cadmium	106-1	4784	4459	4201	4481	6.52	cps
Cadmium	108-1	25	50	38	38	33.33	cps
Calcium	43-1	65512	66098	62509	64706	2.98	cps
Calcium	44-1	1114826	1102822	1038145	1085264	3.80	cps
Chromium	52-2	23038	24320	25933	24431	5.94	cps
Cobalt	59-2	1000	1197	1130	1109	9.02	cps
Copper	63-2	10194	10754	11338	10762	5.32	cps
Dysprosium	156-1	3000	2909	2609	2839	7.22	cps
Dysprosium	156-2	1517	1563	1663	1581	4.74	cps
Erbium	164-1	1767	1942	1717	1809	6.53	cps
Erbium	164-2	870	963	1063	966	10.01	cps
Gadolinium	160-1	2350	2409	2184	2314	5.05	cps
Gadolinium	160-2	1443	1470	1603	1506	5.69	cps
Holmium	165-1	17150265	16352473	15495639	16332792	5.07	cps
Holmium	165-2	8122193	8500100	9147064	8589786	6.03	cps
Indium	115-1	14073313	13564247	12948143	13528568	4.16	cps
Indium	115-2	3181977	3378731	3582881	3381196	5.93	cps
Iron	56-2	2101220	2194266	2405427	2233638	6.98	cps
Iron	57-2	52958	54752	59577	55762	6.14	cps
Krypton	83-1	813	753	760	776	4.24	cps
Lead	206-1	54573	53486	50992	53017	3.46	cps
Lead	207-1	45054	44330	42886	44090	2.50	cps
Lead	208-1	213688	208350	200095	207377	3.30	cps
Lithium	6-1	856502	812817	796391	821903	3.78	cps
Magnesium	24-2	6602	6368	7144	6705	5.93	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10637	10941	12549	11376	9.03	cps
Molybdenum	94-1	5851	7597	6162	6537	14.25	cps
Molybdenum	95-1	442	375	308	375	17.78	cps
Molybdenum	96-1	1684	1650	1425	1586	8.86	cps
Molybdenum	97-1	583	517	458	519	12.04	cps
Molybdenum	98-1	658	658	808	708	12.23	cps
Neodymium	150-1	4641	4274	4354	4423	4.36	cps
Neodymium	150-2	2224	2097	2170	2164	2.94	cps
Nickel	60-2	4114	4204	4714	4344	7.45	cps
Phosphorus	31-2	4684	4618	5510	4937	10.06	cps
Potassium	39-2	78021	79940	79631	79197	1.30	cps
Rhodium	103-1	13553473	13040362	12620853	13071563	3.57	cps
Rhodium	103-2	6009130	6351212	6729518	6363287	5.66	cps
Scandium	45-1	8041250	7692795	7205853	7646632	5.49	cps
Scandium	45-2	482886	508628	543223	511579	5.92	cps
Selenium	77-2	10	10	30	17	69.28	cps
Selenium	78-2	185	178	200	188	6.03	cps
Selenium	82-1	-57	-43	-118	-73	-54.78	cps
Silicon	28-1	8540248	8446185	7631558	8205997	6.09	cps
Silver	109-1	700	733	625	686	8.09	cps
Silver	107-1	800	817	775	797	2.63	cps
Sodium	23-2	71036	70198	73187	71473	2.16	cps
Strontium	86-1	68322	68022	64890	67078	2.83	cps
Strontium	88-1	590098	591564	558771	580144	3.19	cps
Sulfur	34-1	326141	317298	305465	316301	3.28	cps
Terbium	159-1	17740368	17183203	16146210	17023261	4.75	cps
Terbium	159-2	8205948	8682428	9214861	8701079	5.80	cps
Thallium	203-1	275	283	325	294	9.10	cps
Thallium	205-1	592	617	492	567	11.67	cps
Tin	118-1	4151	4201	4101	4151	1.20	cps
Titanium	47-1	31067	48346	49673	43029	24.12	cps
Uranium	238-1	7736	7561	7186	7494	3.75	cps
Vanadium	51-2	16533	17117	18549	17399	5.96	cps
Yttrium	89-1	15163308	14652450	13778249	14531336	4.82	cps
Yttrium	89-2	2542789	2705364	2876267	2708140	6.16	cps
Zinc	66-2	55445	56874	62179	58166	6.10	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-17	Instrumnet Name :	P7
Client Sample ID :	MDANG8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19198	19534	18328	19020	3.27	cps
Zirconium	91-1	3826	3509	4842	4059	17.16	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48690	49801	55517	51336	7.14	cps
Antimony	121-1	2550	2334	2184	2356	7.83	cps
Arsenic	75-1	3177	2731	828	2245	55.57	cps
Barium	135-1	36424	38747	35404	36858	4.65	cps
Barium	137-1	62174	64727	60424	62441	3.47	cps
Beryllium	9-1	67	50	56	57	14.78	cps
Bismuth	209-1	9627464	10205784	9460018	9764422	4.01	cps
Bismuth	209-2	5433029	5704088	5899336	5678817	4.12	cps
Boron	10-1	633	450	358	481	29.14	cps
Boron	11-1	2850	2425	2535	2603	8.48	cps
Cadmium	111-1	3306	3440	3163	3303	4.20	cps
Cadmium	106-1	4418	4693	4301	4470	4.50	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	28504	29764	28579	28949	2.44	cps
Calcium	44-1	476856	492923	475240	481673	2.03	cps
Chromium	52-2	11772	11378	13454	12201	9.04	cps
Cobalt	59-2	453	453	467	458	1.68	cps
Copper	63-2	17778	17791	19343	18304	4.92	cps
Dysprosium	156-1	583	592	642	606	5.21	cps
Dysprosium	156-2	360	317	350	342	6.63	cps
Erbium	164-1	450	18660	392	6500	161.99	cps
Erbium	164-2	240	260	247	249	4.09	cps
Gadolinium	160-1	650	633	642	642	1.30	cps
Gadolinium	160-2	510	437	467	471	7.83	cps
Holmium	165-1	15455870	16118036	15033312	15535739	3.52	cps
Holmium	165-2	7947423	8230618	8561634	8246558	3.73	cps
Indium	115-1	12861102	13241125	12512264	12871497	2.83	cps
Indium	115-2	3117893	3226303	3395620	3246605	4.31	cps
Iron	56-2	423940	436474	474215	444877	5.88	cps
Iron	57-2	11260	11861	12261	11794	4.27	cps
Krypton	83-1	850	760	803	804	5.60	cps
Lead	206-1	30140	31076	29673	30296	2.36	cps
Lead	207-1	24278	25965	24250	24831	3.95	cps
Lead	208-1	115006	118683	114221	115970	2.05	cps
Lithium	6-1	777530	787444	739272	768082	3.31	cps
Magnesium	24-2	9495	10096	11138	10243	8.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1780	1660	2090	1843	12.04	cps
Molybdenum	94-1	2067	1959	2059	2028	2.97	cps
Molybdenum	95-1	925	1242	975	1047	16.26	cps
Molybdenum	96-1	1584	1392	1367	1447	8.20	cps
Molybdenum	97-1	908	783	933	875	9.18	cps
Molybdenum	98-1	1709	1767	1859	1778	4.25	cps
Neodymium	150-1	1147	1127	1120	1131	1.23	cps
Neodymium	150-2	603	663	570	612	7.73	cps
Nickel	60-2	1790	1947	2080	1939	7.49	cps
Phosphorus	31-2	1283	1375	1592	1417	11.18	cps
Potassium	39-2	81700	82010	83737	82482	1.33	cps
Rhodium	103-1	12332581	12701833	11876827	12303747	3.36	cps
Rhodium	103-2	5708289	6088433	6407797	6068173	5.77	cps
Scandium	45-1	7261824	7355359	6989319	7202167	2.64	cps
Scandium	45-2	470433	492225	518862	493840	4.91	cps
Selenium	77-2	10	20	0	10	100.00	cps
Selenium	78-2	176	161	174	170	4.74	cps
Selenium	82-1	-132	-55	-121	-102	-40.37	cps
Silicon	28-1	1516583	1014762	1398956	1310100	20.03	cps
Silver	109-1	1067	1358	1258	1228	12.07	cps
Silver	107-1	1225	1467	1300	1331	9.30	cps
Sodium	23-2	74987	74594	77040	75540	1.74	cps
Strontium	86-1	48909	48148	46234	47764	2.89	cps
Strontium	88-1	409041	417600	401264	409302	2.00	cps
Sulfur	34-1	306101	306041	303351	305165	0.51	cps
Terbium	159-1	15944919	16640841	15532935	16039565	3.49	cps
Terbium	159-2	8030081	8315226	8633544	8326284	3.63	cps
Thallium	203-1	492	542	475	503	6.90	cps
Thallium	205-1	1192	1100	1025	1106	7.55	cps
Tin	118-1	5176	5276	5059	5171	2.10	cps
Titanium	47-1	11948	14916	14267	13710	11.38	cps
Uranium	238-1	2392	2675	2625	2564	5.90	cps
Vanadium	51-2	6568	7085	7585	7080	7.18	cps
Yttrium	89-1	13734902	14152827	13354607	13747445	2.90	cps
Yttrium	89-2	2474159	2569314	2718097	2587190	4.75	cps
Zinc	66-2	5238	5608	6341	5729	9.81	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-18	Instrumnet Name :	P7
Client Sample ID :	MDANG9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:34	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4670	4318	4034	4341	7.33	cps
Zirconium	91-1	917	1125	1167	1070	12.54	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94633	92101	101596	96110	5.12	cps
Antimony	121-1	2034	1925	1700	1886	9.02	cps
Arsenic	75-1	2995	2226	3325	2849	19.78	cps
Barium	135-1	49890	49907	46671	48823	3.82	cps
Barium	137-1	86326	88424	82143	85631	3.73	cps
Beryllium	9-1	6	22	61	30	96.21	cps
Bismuth	209-1	10273429	10167539	9487921	9976297	4.27	cps
Bismuth	209-2	5624753	5832834	6409833	5955807	6.83	cps
Boron	10-1	508	542	525	525	3.18	cps
Boron	11-1	2509	2467	2284	2420	4.95	cps
Cadmium	111-1	3362	2985	2950	3099	7.38	cps
Cadmium	106-1	4626	4176	4059	4287	6.98	cps
Cadmium	108-1	25	25	0	17	86.60	cps
Calcium	43-1	44735	43983	42036	43585	3.20	cps
Calcium	44-1	729776	724432	675699	709969	4.20	cps
Chromium	52-2	13116	12966	14931	13671	8.00	cps
Cobalt	59-2	507	560	583	550	7.15	cps
Copper	63-2	9653	9837	10994	10161	7.16	cps
Dysprosium	156-1	992	883	850	908	8.15	cps
Dysprosium	156-2	447	520	580	516	12.95	cps
Erbium	164-1	733	725	567	675	13.91	cps
Erbium	164-2	337	367	360	354	4.44	cps
Gadolinium	160-1	758	692	633	694	9.01	cps
Gadolinium	160-2	513	563	673	583	14.03	cps
Holmium	165-1	16128717	15999859	15053573	15727383	3.73	cps
Holmium	165-2	8138936	8431111	9228770	8599605	6.56	cps
Indium	115-1	13386615	13292332	12298116	12992354	4.64	cps
Indium	115-2	3210236	3324730	3639320	3391428	6.55	cps
Iron	56-2	1309792	1312972	1472664	1365143	6.82	cps
Iron	57-2	31651	33055	36535	33747	7.45	cps
Krypton	83-1	813	680	780	758	9.16	cps
Lead	206-1	46866	47686	44213	46255	3.92	cps
Lead	207-1	38852	39024	35754	37877	4.86	cps
Lead	208-1	182451	182845	169954	178417	4.11	cps
Lithium	6-1	802844	791244	741013	778367	4.22	cps
Magnesium	24-2	14958	14775	16493	15409	6.12	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4121	5070	4914	4702	10.83	cps
Molybdenum	94-1	1917	1925	2175	2006	7.32	cps
Molybdenum	95-1	342	734	392	489	43.64	cps
Molybdenum	96-1	1017	825	792	878	13.84	cps
Molybdenum	97-1	550	575	483	536	8.84	cps
Molybdenum	98-1	483	650	708	614	19.02	cps
Neodymium	150-1	1627	1994	1453	1691	16.32	cps
Neodymium	150-2	637	727	773	712	9.75	cps
Nickel	60-2	2300	2194	2630	2375	9.59	cps
Phosphorus	31-2	942	708	1017	889	18.09	cps
Potassium	39-2	76338	79104	80250	78564	2.56	cps
Rhodium	103-1	12840971	12886397	11928361	12551910	4.31	cps
Rhodium	103-2	6060048	6245244	6836273	6380522	6.35	cps
Scandium	45-1	7564950	7492762	6934223	7330645	4.71	cps
Scandium	45-2	484856	505168	554399	514808	6.95	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	169	176	144	163	10.10	cps
Selenium	82-1	-105	66	-115	-51	-197.89	cps
Silicon	28-1	2269200	1801772	1871949	1980974	12.72	cps
Silver	109-1	717	650	783	717	9.30	cps
Silver	107-1	742	850	642	744	14.00	cps
Sodium	23-2	65476	67276	68030	66927	1.96	cps
Strontium	86-1	70541	70029	65701	68757	3.87	cps
Strontium	88-1	606827	602783	573312	594307	3.08	cps
Sulfur	34-1	326784	321809	318845	322480	1.24	cps
Terbium	159-1	16746975	16727542	15413572	16296030	4.69	cps
Terbium	159-2	8277684	8528070	9378730	8728161	6.61	cps
Thallium	203-1	267	133	192	197	33.89	cps
Thallium	205-1	467	367	467	433	13.32	cps
Tin	118-1	4818	4518	4884	4740	4.12	cps
Titanium	47-1	17211	16679	37889	23926	50.55	cps
Uranium	238-1	2517	2650	2125	2431	11.23	cps
Vanadium	51-2	9917	10447	11755	10706	8.84	cps
Yttrium	89-1	14314528	14236619	13382505	13977884	3.70	cps
Yttrium	89-2	2556868	2661068	2903190	2707042	6.56	cps
Zinc	66-2	3601	3500	3821	3641	4.50	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-19	Instrumnet Name :	P7
Client Sample ID :	MDANH0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:02:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5603	7160	3634	5466	32.33	cps
Zirconium	91-1	992	1000	842	945	9.44	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121936	127582	137872	129130	6.26	cps
Antimony	121-1	8720	8728	8978	8809	1.67	cps
Arsenic	75-1	3514	3867	2298	3226	25.51	cps
Barium	135-1	101603	102192	98633	100809	1.89	cps
Barium	137-1	176131	178536	167881	174183	3.21	cps
Beryllium	9-1	28	33	50	37	31.22	cps
Bismuth	209-1	10365429	10525387	9776379	10222398	3.86	cps
Bismuth	209-2	5616073	5898177	6380379	5964876	6.48	cps
Boron	10-1	517	650	350	506	29.73	cps
Boron	11-1	2800	2667	2575	2681	4.22	cps
Cadmium	111-1	4876	4829	4463	4723	4.78	cps
Cadmium	106-1	4759	4768	4209	4579	6.99	cps
Cadmium	108-1	133	125	125	128	3.77	cps
Calcium	43-1	91022	90653	87525	89733	2.14	cps
Calcium	44-1	1475520	1495366	1434789	1468558	2.10	cps
Chromium	52-2	21813	23072	25225	23370	7.38	cps
Cobalt	59-2	1513	1647	1617	1592	4.39	cps
Copper	63-2	82055	84862	94127	87015	7.26	cps
Dysprosium	156-1	4085	1442	1192	2240	71.58	cps
Dysprosium	156-2	750	777	893	807	9.45	cps
Erbium	164-1	1183	1008	1050	1081	8.46	cps
Erbium	164-2	590	563	713	622	12.86	cps
Gadolinium	160-1	1358	1300	1192	1283	6.59	cps
Gadolinium	160-2	837	877	1063	926	13.07	cps
Holmium	165-1	16344573	16539327	15360258	16081386	3.93	cps
Holmium	165-2	8051654	8475122	9110193	8545656	6.23	cps
Indium	115-1	13605729	13612187	12834149	13350688	3.35	cps
Indium	115-2	3145370	3308294	3600629	3351431	6.88	cps
Iron	56-2	3648162	3765675	4210057	3874631	7.65	cps
Iron	57-2	91463	94393	105146	97001	7.43	cps
Krypton	83-1	720	753	770	748	3.40	cps
Lead	206-1	423279	425206	412814	420433	1.59	cps
Lead	207-1	348042	353387	341674	347701	1.69	cps
Lead	208-1	1640213	1654969	1600260	1631814	1.73	cps
Lithium	6-1	804763	826787	766415	799322	3.82	cps
Magnesium	24-2	33079	33890	37415	34795	6.62	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46223	47460	53413	49032	7.84	cps
Molybdenum	94-1	2234	2667	2200	2367	11.00	cps
Molybdenum	95-1	567	575	525	556	4.82	cps
Molybdenum	96-1	825	933	817	858	7.58	cps
Molybdenum	97-1	675	617	583	625	7.42	cps
Molybdenum	98-1	967	883	858	903	6.28	cps
Neodymium	150-1	2520	2154	2374	2349	7.86	cps
Neodymium	150-2	1013	1060	1173	1082	7.60	cps
Nickel	60-2	4934	4728	5628	5097	9.25	cps
Phosphorus	31-2	6335	6860	7210	6802	6.48	cps
Potassium	39-2	82767	81524	86357	83549	3.00	cps
Rhodium	103-1	13000549	13086888	12218313	12768583	3.75	cps
Rhodium	103-2	6037186	6260186	6819839	6372404	6.33	cps
Scandium	45-1	7549026	7719203	7119972	7462734	4.14	cps
Scandium	45-2	481981	502450	542612	509014	6.06	cps
Selenium	77-2	13	20	7	13	49.99	cps
Selenium	78-2	207	146	172	175	17.50	cps
Selenium	82-1	15	-99	-79	-54	-111.38	cps
Silicon	28-1	1994740	1995626	2073048	2021138	2.22	cps
Silver	109-1	1408	1667	1400	1492	10.16	cps
Silver	107-1	1433	1575	1500	1503	4.72	cps
Sodium	23-2	66322	67034	67787	67047	1.09	cps
Strontium	86-1	168530	170576	163809	167638	2.07	cps
Strontium	88-1	1474798	1486842	1426840	1462827	2.17	cps
Sulfur	34-1	344973	347467	346660	346367	0.37	cps
Terbium	159-1	17004021	17201204	15988559	16731262	3.89	cps
Terbium	159-2	8169312	8576260	9276750	8674107	6.46	cps
Thallium	203-1	225	233	292	250	14.53	cps
Thallium	205-1	558	533	617	569	7.51	cps
Tin	118-1	13590	14083	14083	13919	2.04	cps
Titanium	47-1	24711	20827	17582	21040	16.96	cps
Uranium	238-1	4109	4668	4351	4376	6.40	cps
Vanadium	51-2	7936	8032	8910	8292	6.47	cps
Yttrium	89-1	14468341	14638014	13553072	14219809	4.10	cps
Yttrium	89-2	2504344	2629636	2873673	2669218	7.04	cps
Zinc	66-2	83588	87954	96388	89310	7.29	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-20	Instrumnet Name :	P7
Client Sample ID :	MDANH1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:43	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5785	6302	7517	6535	13.61	cps
Zirconium	91-1	1609	1375	1192	1392	15.03	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	952116	967158	999465	972913	2.49	cps
Antimony	121-1	2067	2059	2042	2056	0.62	cps
Arsenic	75-1	5650	3279	3573	4167	31.02	cps
Barium	135-1	20825	21284	19631	20580	4.14	cps
Barium	137-1	35371	36332	33984	35229	3.35	cps
Beryllium	9-1	78	122	106	102	22.05	cps
Bismuth	209-1	10419977	10414517	9767959	10200817	3.67	cps
Bismuth	209-2	5540256	5706739	5821115	5689370	2.48	cps
Boron	10-1	642	550	492	561	13.47	cps
Boron	11-1	3184	2409	2350	2648	17.58	cps
Cadmium	111-1	3212	3150	3078	3147	2.13	cps
Cadmium	106-1	4551	4459	4367	4459	2.06	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	24221	23920	23002	23714	2.68	cps
Calcium	44-1	407976	403179	386123	399093	2.88	cps
Chromium	52-2	29333	29239	30201	29591	1.79	cps
Cobalt	59-2	2060	1890	2044	1998	4.69	cps
Copper	63-2	3427	3754	3717	3633	4.93	cps
Dysprosium	156-1	5210	5068	5068	5115	1.60	cps
Dysprosium	156-2	2620	2767	2914	2767	5.30	cps
Erbium	164-1	3617	3567	3734	3640	2.35	cps
Erbium	164-2	1780	1870	1974	1875	5.16	cps
Gadolinium	160-1	4318	4443	4609	4456	3.28	cps
Gadolinium	160-2	2567	2660	2704	2644	2.64	cps
Holmium	165-1	16275366	16197098	15332841	15935102	3.28	cps
Holmium	165-2	8011334	8218773	8326248	8185451	1.96	cps
Indium	115-1	13448081	13493109	12547036	13162742	4.05	cps
Indium	115-2	3157757	3192626	3257921	3202768	1.59	cps
Iron	56-2	8202530	8242793	8552351	8332558	2.30	cps
Iron	57-2	197444	196637	204144	199408	2.07	cps
Krypton	83-1	753	820	807	793	4.45	cps
Lead	206-1	45941	46108	44068	45372	2.50	cps
Lead	207-1	37386	38985	36729	37700	3.08	cps
Lead	208-1	176731	179068	170158	175319	2.64	cps
Lithium	6-1	836202	809925	745638	797255	5.84	cps
Magnesium	24-2	6118	6068	6168	6118	0.82	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2280	2587	2227	2365	8.22	cps
Molybdenum	94-1	7302	7778	7119	7400	4.60	cps
Molybdenum	95-1	608	783	567	653	17.62	cps
Molybdenum	96-1	1767	1934	1767	1822	5.28	cps
Molybdenum	97-1	692	592	600	628	8.84	cps
Molybdenum	98-1	808	958	1017	928	11.59	cps
Neodymium	150-1	8850	8970	9270	9030	2.40	cps
Neodymium	150-2	3894	4011	4261	4055	4.62	cps
Nickel	60-2	3050	3094	3364	3169	5.36	cps
Phosphorus	31-2	833	975	817	875	9.94	cps
Potassium	39-2	76849	76446	77796	77030	0.90	cps
Rhodium	103-1	13070255	12957825	12181184	12736421	3.80	cps
Rhodium	103-2	5924020	5993529	6158075	6025208	1.99	cps
Scandium	45-1	7672550	7561505	7077826	7437294	4.25	cps
Scandium	45-2	480964	491296	493550	488603	1.37	cps
Selenium	77-2	13	27	17	19	36.75	cps
Selenium	78-2	170	200	181	184	8.14	cps
Selenium	82-1	-27	-69	-82	-60	-47.95	cps
Silicon	28-1	7348160	7917551	7119037	7461583	5.51	cps
Silver	109-1	525	350	575	483	24.44	cps
Silver	107-1	558	658	592	603	8.45	cps
Sodium	23-2	65468	67159	66482	66370	1.28	cps
Strontium	86-1	24238	23528	23228	23665	2.19	cps
Strontium	88-1	203367	204961	192699	200342	3.33	cps
Sulfur	34-1	324661	313348	308032	315347	2.69	cps
Terbium	159-1	16786769	17013302	15864678	16554916	3.68	cps
Terbium	159-2	8179737	8268888	8434031	8294219	1.56	cps
Thallium	203-1	175	250	167	197	23.27	cps
Thallium	205-1	442	400	333	392	13.95	cps
Tin	118-1	3609	3859	3334	3601	7.30	cps
Titanium	47-1	20765	22284	13484	18845	24.96	cps
Uranium	238-1	11289	11355	10772	11139	2.87	cps
Vanadium	51-2	45748	46537	47209	46498	1.57	cps
Yttrium	89-1	14522128	14343562	13662907	14176199	3.20	cps
Yttrium	89-2	2513451	2537565	2612438	2554485	2.02	cps
Zinc	66-2	1533	1457	1620	1537	5.32	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-21	Instrumnet Name :	P7
Client Sample ID :	MDANH2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:09:18	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18790	17770	17779	18113	3.24	cps
Zirconium	91-1	3767	4486	5104	4452	15.03	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-22	Instrumnet Name :	P7
Client Sample ID :	MDANH3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:12:52	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1309489	1338474	1454265	1367409	5.60	cps
Antimony	121-1	3326	3467	3309	3367	2.58	cps
Arsenic	75-1	6915	6941	4816	6224	19.59	cps
Barium	135-1	19614	19389	17595	18866	5.87	cps
Barium	137-1	33116	33099	32222	32812	1.56	cps
Beryllium	9-1	117	100	106	107	7.90	cps
Bismuth	209-1	10592734	10356896	9763187	10237606	4.18	cps
Bismuth	209-2	5596045	5897902	6388367	5960771	6.71	cps
Boron	10-1	550	475	425	483	13.02	cps
Boron	11-1	2792	2892	2534	2739	6.75	cps
Cadmium	111-1	3210	3003	3011	3075	3.82	cps
Cadmium	106-1	4493	4218	4176	4295	4.01	cps
Cadmium	108-1	38	17	29	28	37.74	cps
Calcium	43-1	112802	113912	106851	111189	3.41	cps
Calcium	44-1	1887282	1872414	1785973	1848557	2.96	cps
Chromium	52-2	36642	38013	41188	38614	6.04	cps
Cobalt	59-2	960	860	890	903	5.68	cps
Copper	63-2	13380	13693	14861	13978	5.59	cps
Dysprosium	156-1	3717	3809	3634	3720	2.35	cps
Dysprosium	156-2	1997	1914	2164	2025	6.29	cps
Erbium	164-1	2517	2425	2117	2353	8.91	cps
Erbium	164-2	1320	1270	1403	1331	5.06	cps
Gadolinium	160-1	3417	3092	2984	3164	7.13	cps
Gadolinium	160-2	1833	1934	2357	2041	13.61	cps
Holmium	165-1	16420149	16374706	15280737	16025197	4.03	cps
Holmium	165-2	8102126	8490850	9169349	8587442	6.29	cps
Indium	115-1	13629535	13405554	12617336	13217475	4.02	cps
Indium	115-2	3144275	3325803	3544341	3338140	6.00	cps
Iron	56-2	1816242	1873291	2054177	1914570	6.49	cps
Iron	57-2	45399	48923	51312	48545	6.13	cps
Krypton	83-1	800	803	853	819	3.65	cps
Lead	206-1	56972	55667	53419	55352	3.25	cps
Lead	207-1	46097	46733	43745	45525	3.46	cps
Lead	208-1	217447	215504	206079	213010	2.85	cps
Lithium	6-1	866948	839100	784668	830239	5.04	cps
Magnesium	24-2	36345	37239	40113	37899	5.19	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-22	Instrumnet Name :	P7
Client Sample ID :	MDANH3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:12:52	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1897	1950	2157	2001	6.86	cps
Molybdenum	94-1	8570	8428	52792	23263	109.93	cps
Molybdenum	95-1	1142	1092	1117	1117	2.24	cps
Molybdenum	96-1	2525	2667	2659	2617	3.04	cps
Molybdenum	97-1	1008	1092	817	972	14.50	cps
Molybdenum	98-1	1742	1759	1608	1703	4.83	cps
Neodymium	150-1	6695	6395	6168	6419	4.12	cps
Neodymium	150-2	2784	2844	3350	2993	10.40	cps
Nickel	60-2	7949	4497	4874	5773	32.79	cps
Phosphorus	31-2	3617	3426	3767	3603	4.75	cps
Potassium	39-2	80837	81875	81659	81457	0.67	cps
Rhodium	103-1	13104430	12909013	12069715	12694386	4.33	cps
Rhodium	103-2	5836418	6284898	6711504	6277607	6.97	cps
Scandium	45-1	7744682	7580003	7065419	7463368	4.75	cps
Scandium	45-2	484835	499637	542220	508897	5.85	cps
Selenium	77-2	20	23	37	27	33.08	cps
Selenium	78-2	176	196	206	193	7.87	cps
Selenium	82-1	12	16	-101	-24	-275.97	cps
Silicon	28-1	7061953	6574288	6212367	6616203	6.44	cps
Silver	109-1	642	725	767	711	8.95	cps
Silver	107-1	975	967	983	975	0.86	cps
Sodium	23-2	71312	70265	72124	71234	1.31	cps
Strontium	86-1	198109	197615	186972	194232	3.24	cps
Strontium	88-1	1756286	1731937	1657640	1715288	3.00	cps
Sulfur	34-1	301238	295266	288942	295149	2.08	cps
Terbium	159-1	17140975	16776753	15920875	16612867	3.77	cps
Terbium	159-2	8242338	8634078	9241002	8705806	5.78	cps
Thallium	203-1	367	383	292	347	14.06	cps
Thallium	205-1	817	858	600	758	18.29	cps
Tin	118-1	4159	3751	3851	3920	5.43	cps
Titanium	47-1	29863	35293	28841	31332	11.07	cps
Uranium	238-1	9837	9979	9479	9765	2.64	cps
Vanadium	51-2	25192	24207	27753	25717	7.12	cps
Yttrium	89-1	14659352	14387055	13584271	14210226	3.93	cps
Yttrium	89-2	2520486	2651737	2856114	2676112	6.32	cps
Zinc	66-2	2707	2650	2887	2748	4.50	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	J2033-22	Instrumnet Name :	P7
Client Sample ID :	MDANH3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:12:52	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24105	21880	19882	21956	9.62	cps
Zirconium	91-1	4809	4934	4501	4748	4.70	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6012081	6314236	6724759	6350359	5.63	cps
Antimony	121-1	5055179	5182895	4851736	5029937	3.32	cps
Arsenic	75-1	1218909	1234227	1186519	1213218	2.01	cps
Barium	135-1	5718731	5832299	5464056	5671695	3.32	cps
Barium	137-1	9759675	10008050	9436725	9734817	2.94	cps
Beryllium	9-1	573058	595077	591721	586619	2.02	cps
Bismuth	209-1	9926309	10018231	9423310	9789284	3.27	cps
Bismuth	209-2	5404711	5665836	5892350	5654299	4.32	cps
Boron	10-1	69879	73337	73915	72377	3.02	cps
Boron	11-1	358201	381609	377434	372415	3.35	cps
Cadmium	111-1	1171807	1190888	1130435	1164376	2.65	cps
Cadmium	106-1	128932	131311	126326	128856	1.93	cps
Cadmium	108-1	85385	87623	83277	85428	2.54	cps
Calcium	43-1	6728568	6823591	6497250	6683136	2.51	cps
Calcium	44-1	109648782	109853994	105550282	108351019	2.24	cps
Chromium	52-2	1792586	1870713	1979552	1880951	4.99	cps
Cobalt	59-2	2575534	2681620	2890689	2715948	5.90	cps
Copper	63-2	3495075	3656910	3867410	3673132	5.08	cps
Dysprosium	156-1	133	133	142	136	3.53	cps
Dysprosium	156-2	130	80	83	98	28.59	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	17	27	50	31	54.97	cps
Gadolinium	160-1	158	92	142	131	26.58	cps
Gadolinium	160-2	213	173	187	191	10.66	cps
Holmium	165-1	16556813	16382609	15502110	16147177	3.50	cps
Holmium	165-2	8128883	8524428	8739024	8464112	3.66	cps
Indium	115-1	12855171	12861378	11991045	12569198	3.98	cps
Indium	115-2	2983458	3132833	3233220	3116504	4.03	cps
Iron	56-2	369642342	387028431	411324976	389331916	5.38	cps
Iron	57-2	9012360	9410305	10042425	9488364	5.47	cps
Krypton	83-1	670	640	720	677	5.97	cps
Lead	206-1	3525309	3616185	3451169	3530887	2.34	cps
Lead	207-1	3163533	3219978	3084110	3155874	2.16	cps
Lead	208-1	14341770	14635290	13982848	14319969	2.28	cps
Lithium	6-1	1123913	1167299	1148762	1146658	1.90	cps
Magnesium	24-2	64152210	67288322	70613362	67351298	4.80	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2159215	2254408	2388875	2267499	5.09	cps
Molybdenum	94-1	10241699	10484034	9788333	10171355	3.47	cps
Molybdenum	95-1	12612283	12949466	12251157	12604302	2.77	cps
Molybdenum	96-1	13974443	14438077	13558451	13990324	3.15	cps
Molybdenum	97-1	7876864	8084111	7646340	7869105	2.78	cps
Molybdenum	98-1	20278706	20853489	19753150	20295115	2.71	cps
Neodymium	150-1	340	367	213	307	26.71	cps
Neodymium	150-2	43	67	60	57	21.21	cps
Nickel	60-2	670267	694815	741465	702182	5.15	cps
Phosphorus	31-2	74604	78482	83091	78725	5.40	cps
Potassium	39-2	38564185	40526522	42885986	40658898	5.32	cps
Rhodium	103-1	12053641	12135699	11304293	11831211	3.87	cps
Rhodium	103-2	5375166	5640947	5755455	5590523	3.49	cps
Scandium	45-1	7871115	7698632	7396719	7655489	3.14	cps
Scandium	45-2	474454	499713	512518	495562	3.91	cps
Selenium	77-2	4938	5068	5421	5142	4.87	cps
Selenium	78-2	16704	16782	18618	17368	6.24	cps
Selenium	82-1	73645	74243	71425	73105	2.03	cps
Silicon	28-1	3316616	3453055	3336955	3368875	2.18	cps
Silver	109-1	5608655	5675678	5386360	5556898	2.73	cps
Silver	107-1	5857930	5999425	5659500	5838952	2.92	cps
Sodium	23-2	129899411	133787699	142864541	135517217	4.91	cps
Strontium	86-1	1587508	1604538	1539089	1577045	2.15	cps
Strontium	88-1	14217148	14334327	13542142	14031206	3.05	cps
Sulfur	34-1	1182408	1203560	1162021	1182663	1.76	cps
Terbium	159-1	16947495	16998955	15935870	16627440	3.61	cps
Terbium	159-2	8288834	8643968	8807119	8579974	3.09	cps
Thallium	203-1	4346160	4422041	4271859	4346686	1.73	cps
Thallium	205-1	10407525	10584461	10210731	10400906	1.80	cps
Tin	118-1	3866864	3950493	3736108	3851155	2.81	cps
Titanium	47-1	3160005	3183738	3065312	3136352	2.00	cps
Uranium	238-1	15059614	15434750	14849816	15114727	1.96	cps
Vanadium	51-2	1461991	1527014	1615388	1534797	5.02	cps
Yttrium	89-1	14220902	14114265	13272510	13869225	3.75	cps
Yttrium	89-2	2421044	2534916	2633159	2529706	4.20	cps
Zinc	66-2	561143	590000	624470	591871	5.36	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:16:27	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8356353	8615551	8099374	8357092	3.09	cps
Zirconium	91-1	1817756	1870180	1771772	1819903	2.71	cps

LB Number : LB94158 Operator : Jaswal
 Lab Sample ID : CCB058 Instrumnet Name : P7
 Client Sample ID : CCB058 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 22:20:06 DataFile Name : 075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	292	183	217	30.04	cps
Antimony	121-1	3284	3284	3259	3276	0.44	cps
Arsenic	75-1	1603	1330	1639	1524	11.11	cps
Barium	135-1	83	58	33	58	42.86	cps
Barium	137-1	133	150	100	128	19.93	cps
Beryllium	9-1	133	111	78	107	26.03	cps
Bismuth	209-1	10446352	10500466	9624937	10190585	4.81	cps
Bismuth	209-2	5296458	5770501	6598155	5888371	11.19	cps
Boron	10-1	2642	2100	1950	2231	16.31	cps
Boron	11-1	12197	10479	9220	10632	14.06	cps
Cadmium	111-1	3363	3120	3069	3184	4.94	cps
Cadmium	106-1	4759	4384	4351	4498	5.04	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Calcium	43-1	458	592	567	539	13.15	cps
Calcium	44-1	23060	23820	21608	22830	4.92	cps
Chromium	52-2	1060	1047	1037	1048	1.12	cps
Cobalt	59-2	93	120	133	116	17.62	cps
Copper	63-2	1290	1427	1293	1337	5.83	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	83	67	75	75	11.11	cps
Erbium	164-2	17	7	23	16	53.90	cps
Gadolinium	160-1	108	83	92	94	13.48	cps
Gadolinium	160-2	137	143	167	149	10.58	cps
Holmium	165-1	16092476	16043762	14674650	15603630	5.16	cps
Holmium	165-2	7587474	8154558	9198241	8313425	9.83	cps
Indium	115-1	13122064	12988803	12074010	12728292	4.48	cps
Indium	115-2	2854416	3104444	3502110	3153656	10.36	cps
Iron	56-2	11027	11616	13351	11998	10.07	cps
Iron	57-2	694	728	783	735	6.11	cps
Krypton	83-1	790	777	747	771	2.88	cps
Lead	206-1	1911	2000	1784	1898	5.74	cps
Lead	207-1	1750	1895	1911	1852	4.78	cps
Lead	208-1	7846	8335	8240	8140	3.19	cps
Lithium	6-1	1363049	1367688	1280146	1336961	3.68	cps
Magnesium	24-2	692	833	858	795	11.31	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:20:06	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	133	133	127	9.12	cps
Molybdenum	94-1	1200	950	1083	1078	11.61	cps
Molybdenum	95-1	1142	1200	1033	1125	7.52	cps
Molybdenum	96-1	1342	1367	1217	1308	6.14	cps
Molybdenum	97-1	717	808	783	770	6.16	cps
Molybdenum	98-1	1650	1800	2150	1867	13.75	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	43	33	70	49	38.78	cps
Phosphorus	31-2	450	433	550	478	13.21	cps
Potassium	39-2	73885	73985	77671	75180	2.87	cps
Rhodium	103-1	12739094	12648357	11679785	12355745	4.75	cps
Rhodium	103-2	5337763	5913685	6648462	5966637	11.01	cps
Scandium	45-1	7785172	7698665	7181588	7555141	4.32	cps
Scandium	45-2	441532	478221	542882	487545	10.52	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	169	172	150	164	7.28	cps
Selenium	82-1	-137	-171	-106	-138	-23.44	cps
Silicon	28-1	382541	380276	370789	377869	1.65	cps
Silver	109-1	367	200	292	286	29.18	cps
Silver	107-1	358	333	375	356	5.90	cps
Sodium	23-2	67602	69186	69478	68755	1.47	cps
Strontium	86-1	967	967	1217	1050	13.75	cps
Strontium	88-1	375	483	383	414	14.57	cps
Sulfur	34-1	430207	432985	432159	431784	0.33	cps
Terbium	159-1	16427495	16554696	15264506	16082232	4.42	cps
Terbium	159-2	7629232	8184048	9219406	8344229	9.67	cps
Thallium	203-1	2242	1925	1675	1947	14.58	cps
Thallium	205-1	5051	5168	4359	4859	9.00	cps
Tin	118-1	2884	3109	2909	2967	4.16	cps
Titanium	47-1	183	58	142	128	49.81	cps
Uranium	238-1	233	308	217	253	19.32	cps
Vanadium	51-2	40	33	20	31	32.73	cps
Yttrium	89-1	13813685	13901754	12834618	13516685	4.38	cps
Yttrium	89-2	2263143	2478009	2797709	2512954	10.70	cps
Zinc	66-2	390	390	390	390	0.00	cps

LB Number :	LB94158	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:20:06	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1408	1492	1592	1497	6.13	cps
Zirconium	91-1	292	325	233	283	16.38	cps