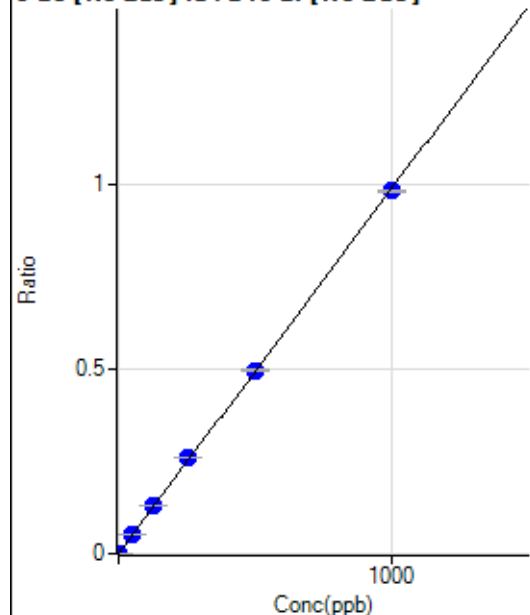


Batch Folder: D:\P8110217 MS .b\
Analysis File: P8110217 MS .batch.bin
DA Date-Time: 2017-11-03 13:23:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8110217 MS.D	S00	2017-11-02 16:20:01
2			
3	005CALS P8110217 MS.D	S02	2017-11-02 16:27:10
4	006CALS P8110217 MS.D	S03	2017-11-02 16:30:41
5	007CALS P8110217 MS.D	S04	2017-11-02 16:34:12
6	008CALS P8110217 MS.D	S05	2017-11-02 16:37:39
7	009CALS P8110217 MS.D	S06	2017-11-02 16:41:01
8	010CALS P8110217 MS.D	S07	2017-11-02 16:44:18
9	011CALS P8110217 MS.D	S08	2017-11-02 16:47:32

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0001	P	66.1
2	☐	0.100					
3	☐	1.000	0.897	777.82	0.0009	P	7.0
4	☐	50.000	53.629	44716.26	0.0529	P	1.4
5	☐	125.000	132.239	115058.07	0.1304	P	0.7
6	☐	250.000	261.372	226336.59	0.2577	P	0.1
7	☐	500.000	503.287	435405.90	0.4961	P	0.3
8	☐	1000.000	994.427	848203.49	0.9802	P	0.3
9	☐			277.79	0.0003	P	14.9

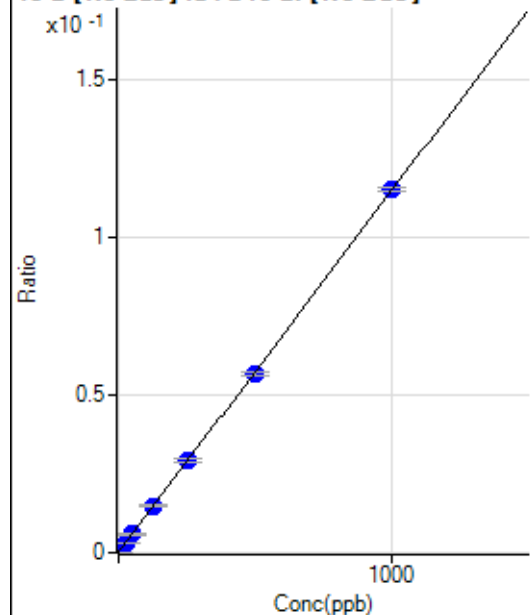
$$y = 9.8562\text{E-}004 * x + 5.3451\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1075$$

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	133.34	0.0002	P	16.4
2	☐	2.500					
3	☐	25.000	24.000	2411.42	0.0029	P	5.8
4	☐	50.000	50.419	5020.51	0.0059	P	6.4
5	☐	125.000	128.336	13131.48	0.0149	P	3.9
6	☐	250.000	252.088	25548.58	0.0291	P	4.6
7	☐	500.000	492.995	49795.56	0.0567	P	1.6
8	☐	1000.000	1002.568	99705.80	0.1152	P	1.1
9	☐			4189.70	0.0048	P	4.6

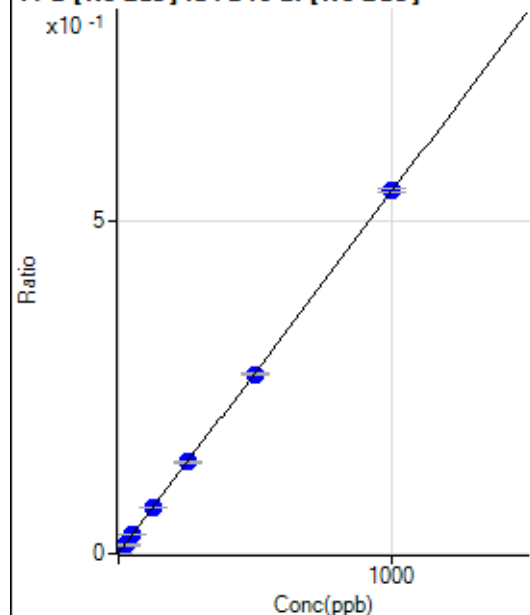
$$y = 1.1477\text{E-}004 * x + 1.5385\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.6582$$

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	569.48	0.0007	P	15.2
2	☐	2.500					
3	☐	25.000	23.069	10929.54	0.0132	P	4.4
4	☐	50.000	50.858	23881.76	0.0283	P	1.3
5	☐	125.000	125.642	60748.56	0.0688	P	1.3
6	☐	250.000	252.618	121001.01	0.1378	P	1.0
7	☐	500.000	494.315	236022.09	0.2689	P	0.7
8	☐	1000.000	1002.113	471187.94	0.5445	P	1.2
9	☐			20273.48	0.0231	P	3.9

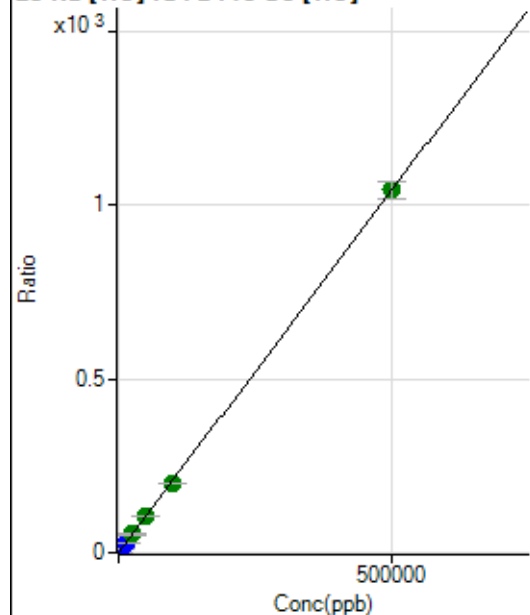
$$y = 5.4270\text{E-}004 * x + 6.5709\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5504$$

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	3822.91	0.1438	P	3.9
2	☐	50.000					
3	☐	500.000	462.387	28287.32	1.1065	P	3.0
4	☐	5000.000	4999.194	269452.81	10.5519	P	2.0
5	☐	12500.000	12356.001	665744.30	25.8685	P	0.4
6	☐	25000.000	25271.804	1276168.86	52.7587	A	1.7
7	☐	50000.000	49606.553	2428609.84	103.4227	A	1.0
8	☐	100000.00	95728.806	4723085.82	199.4473	A	0.7
9	☐	500000.00	500883.63	24769032.32	1,042.963	A	4.8

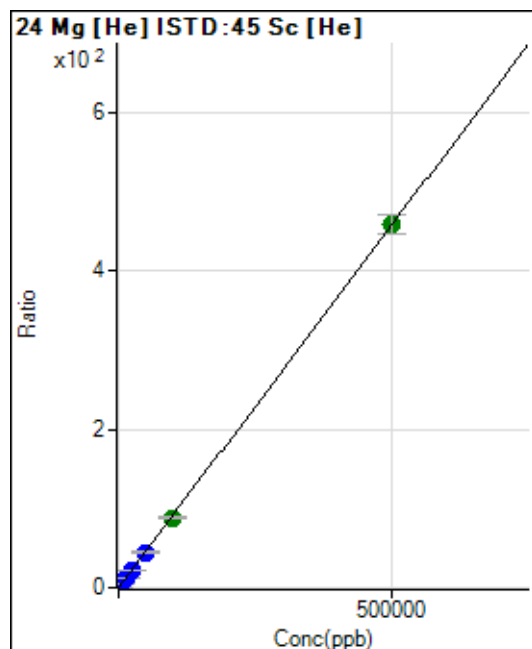
$$y = 0.0021 * x + 0.1438$$

$$R = 1.0000$$

$$DL = 7.988$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0037	P	13.1
2	☐	50.000					
3	☐	500.000	463.247	10910.18	0.4268	P	2.3
4	☐	5000.000	5003.779	116798.49	4.5739	P	1.5
5	☐	12500.000	12272.545	288572.05	11.2128	P	0.7
6	☐	25000.000	24944.468	551205.42	22.7868	P	1.0
7	☐	50000.000	48888.359	1048624.86	44.6560	P	1.1
8	☐	100000.00	96656.700	2090659.44	88.2853	A	0.9
9	☐	500000.00	500788.28	10861034.62	457.4001	A	5.3

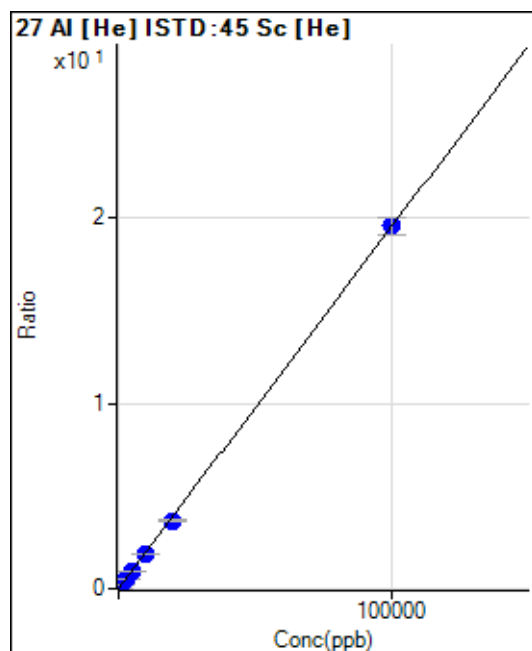
$$y = 9.1335\text{E-}004 * x + 0.0037$$

$$R = 1.0000$$

$$DL = 1.574$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0012	P	41.9
2	☐	2.000					
3	☐	20.000	19.148	125.01	0.0049	P	19.4
4	☐	1000.000	982.683	4926.08	0.1928	P	4.6
5	☐	2500.000	2444.564	12300.24	0.4779	P	1.4
6	☐	5000.000	4989.473	23567.60	0.9742	P	0.5
7	☐	10000.000	9603.405	44010.94	1.8741	P	1.3
8	☐	20000.000	18850.560	87088.75	3.6775	P	1.1
9	☐	100000.00	100271.63	464424.89	19.5570	P	5.0

$$y = 1.9503\text{E-}004 * x + 0.0012$$

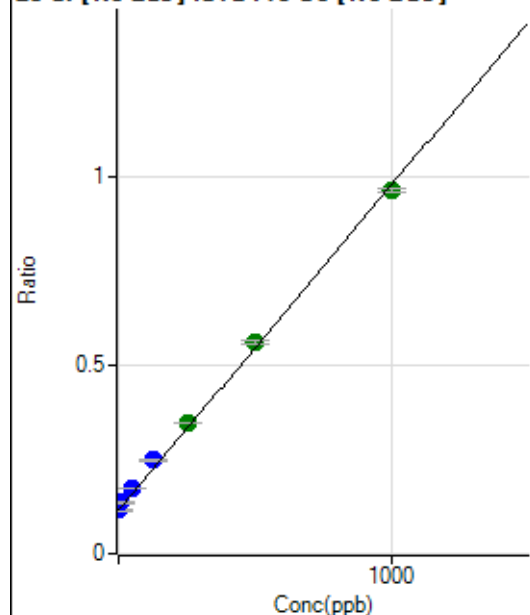
$$R = 0.9999$$

$$DL = 7.407$$

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	367318.10	0.1147	P	0.9
2	☐	1.000					
3	☐	10.000	24.054	404674.89	0.1354	P	2.8
4	☐	50.000	66.552	527890.69	0.1720	P	0.2
5	☐	125.000	155.009	787619.01	0.2483	P	1.7
6	☐	250.000	269.673	1092311.38	0.3471	A	0.5
7	☐	500.000	517.324	1749743.18	0.5605	A	1.1
8	☐	1000.000	981.700	2965282.10	0.9606	A	1.2
9	☐			807316.26	0.2571	P	3.1

$$y = 8.6172\text{E-}004 * x + 0.1147$$

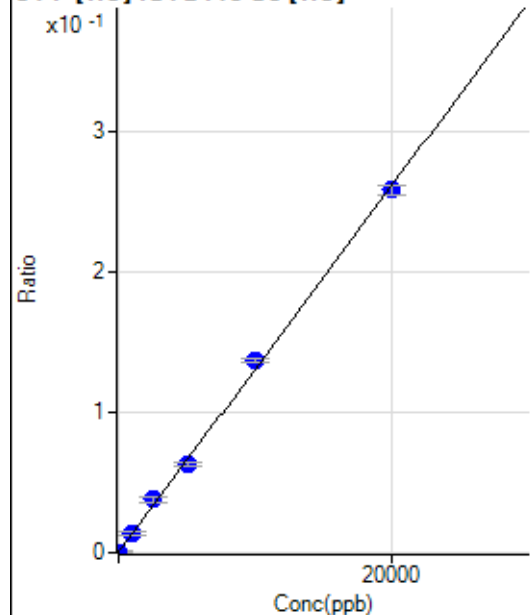
$$R = 0.9994$$

$$DL = 3.574$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	19.987	13.89	0.0005	P	91.5
2	☐	0.000					
3	☐	0.000	-19.987	0.00	0.0000	P	
4	☐	1000.000	1046.841	355.58	0.0139	P	23.5
5	☐	2500.000	2885.340	977.85	0.0380	P	12.0
6	☐	5000.000	4785.694	1519.60	0.0628	P	4.6
7	☐	10000.000	10441.895	3211.63	0.1368	P	1.9
8	☐	20000.000	19782.119	6132.17	0.2589	P	2.9
9	☐			5.56	0.0002	P	173.

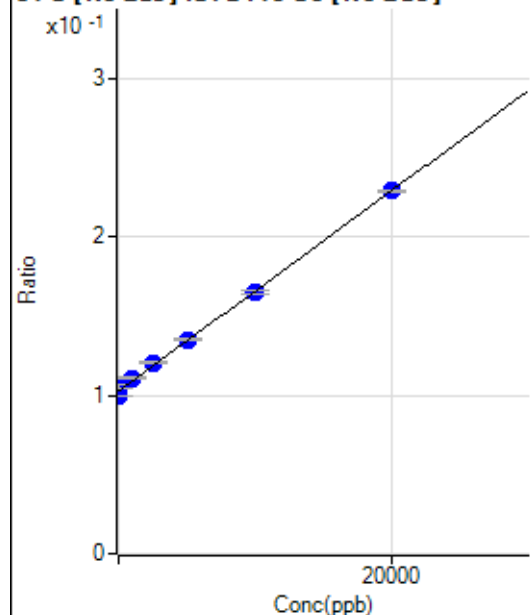
$$y = 1.3074\text{E-}005 * x + 2.6130\text{E-}004$$

$$R = 0.9994$$

$$DL = 54.87$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-482.329	318913.44	0.0996	P	0.8
2	☐	0.000					
3	☐	0.000	482.329	315837.17	0.1057	P	2.6
4	☐	1000.000	1325.916	340672.81	0.1110	P	0.2
5	☐	2500.000	2832.260	382484.21	0.1206	P	1.6
6	☐	5000.000	5157.160	425742.71	0.1353	P	0.8
7	☐	10000.000	9868.489	515448.72	0.1651	P	0.9
8	☐	20000.000	19968.637	707067.26	0.2291	P	0.6
9	☐			305743.14	0.0974	P	1.3

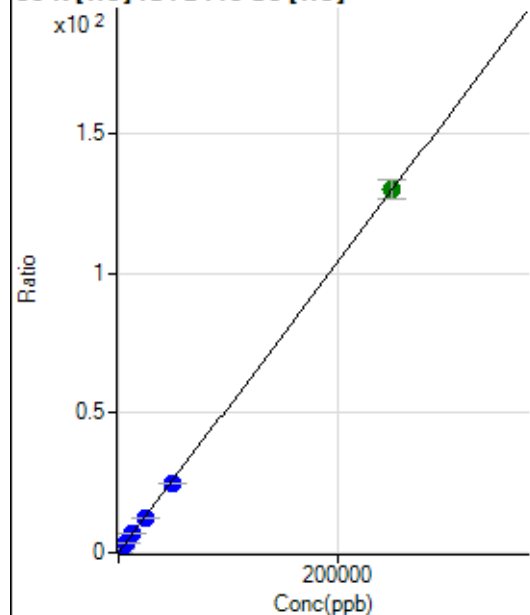
$$y = 6.3310\text{E-}006 * x + 0.1026$$

$$R = 0.9990$$

$$DL = 826.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2305.85	0.0868	P	6.1
2	☐	50.000					
3	☐	500.000	491.490	8722.53	0.3412	P	1.3
4	☐	2500.000	2512.915	35426.13	1.3875	P	3.0
5	☐	6250.000	6186.863	84651.78	3.2893	P	0.7
6	☐	12500.000	12498.409	158609.23	6.5565	P	0.7
7	☐	25000.000	24233.913	296608.39	12.6313	P	1.1
8	☐	50000.000	47667.487	586371.94	24.7615	P	0.9
9	☐	250000.00	250544.65	3081628.61	129.7795	A	5.3

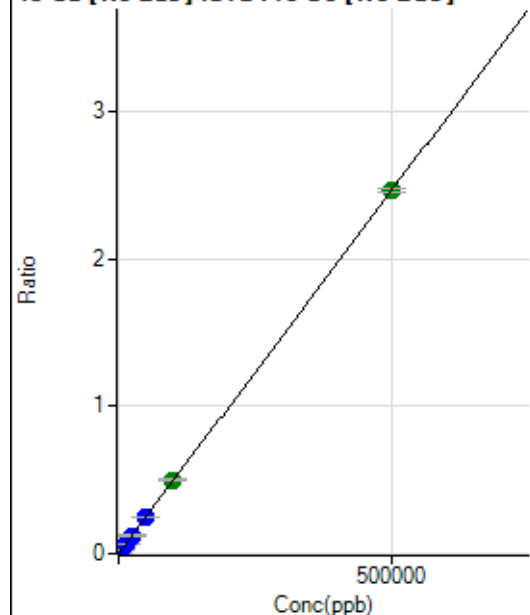
$$y = 5.1764\text{E-}004 * x + 0.0868$$

$$R = 0.9999$$

$$DL = 30.44$$

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	1391.80	0.0004	P	8.2
2	☐	50.000					
3	☐	500.000	457.885	8033.20	0.0027	P	4.3
4	☐	5000.000	5074.614	77950.20	0.0254	P	1.0
5	☐	12500.000	12524.808	196891.10	0.0621	P	1.9
6	☐	25000.000	24990.676	388362.93	0.1234	P	1.0
7	☐	50000.000	49710.334	764972.62	0.2450	P	0.7
8	☐	100000.00	101296.12	1539862.00	0.4989	A	1.7
9	☐	500000.00	499768.88	7722158.51	2.4595	A	0.9

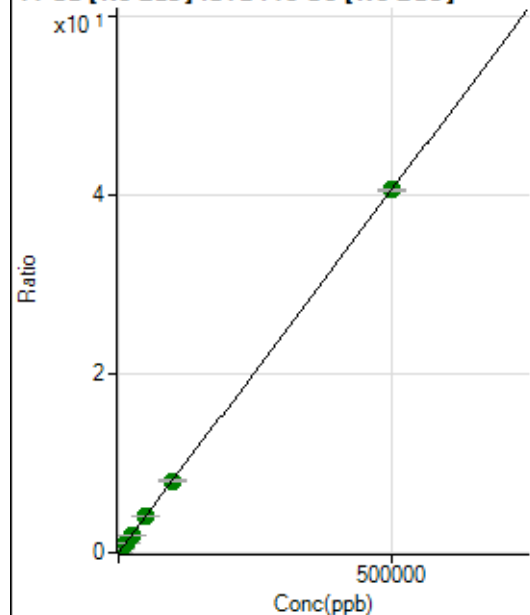
$$y = 4.9205\text{E-}006 * x + 4.3460\text{E-}004$$

$$R = 1.0000$$

$$DL = 21.78$$

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	12842.54	0.0040	P	0.6
2	☐	50.000					
3	☐	500.000	457.388	122716.88	0.0411	P	4.8
4	☐	5000.000	5136.813	1289694.48	0.4203	A	1.0
5	☐	12500.000	12620.086	3257400.81	1.0268	A	1.9
6	☐	25000.000	24889.274	6360802.79	2.0211	A	0.5
7	☐	50000.000	49357.491	12500541.34	4.0041	A	0.5
8	☐	100000.00	99309.959	24857045.00	8.0524	A	0.6
9	☐	500000.00	500203.46	127291215.3	40.5419	A	0.6

$$y = 8.1043\text{E-}005 * x + 0.0040$$

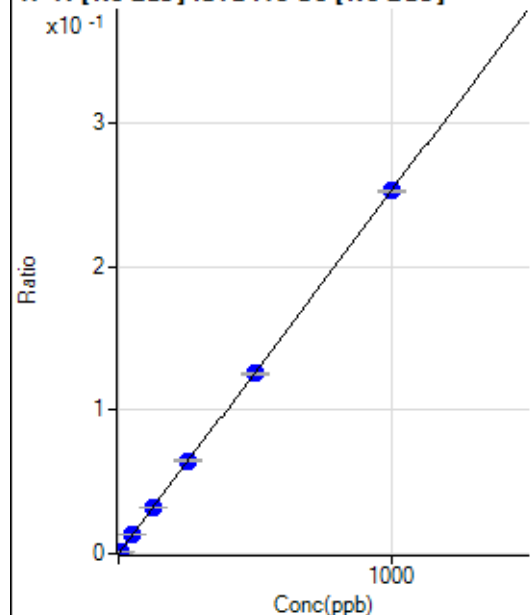
$$R = 1.0000$$

$$DL = 0.9622$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	14.1
2	☐	0.500					
3	☐	5.000	4.751	3706.23	0.0012	P	0.9
4	☐	50.000	50.980	39668.36	0.0129	P	0.5
5	☐	125.000	126.169	101323.72	0.0319	P	1.8
6	☐	250.000	256.213	203990.59	0.0648	P	1.0
7	☐	500.000	496.975	392399.50	0.1257	P	0.9
8	☐	1000.000	999.765	780442.70	0.2528	P	0.5
9	☐			644.49	0.0002	P	4.0

$$y = 2.5284E-004 * x + 3.8162E-005$$

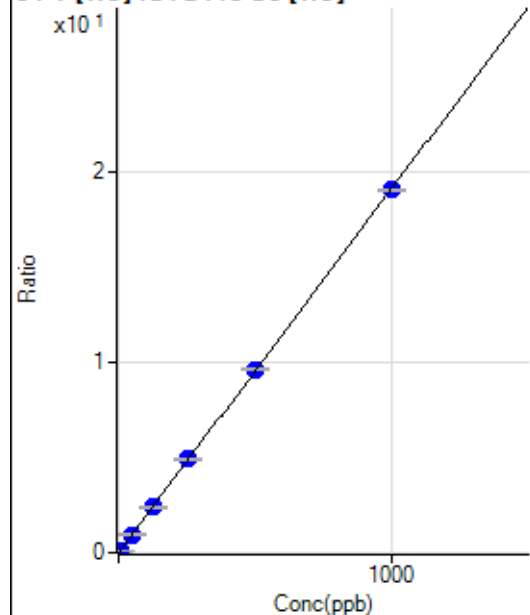
$$R = 1.0000$$

$$DL = 0.06403$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0003	P	57.5
2	☐	0.500					
3	☐	5.000	4.493	2203.55	0.0862	P	2.0
4	☐	50.000	49.706	24257.86	0.9500	P	2.1
5	☐	125.000	124.318	61137.27	2.3756	P	0.7
6	☐	250.000	256.488	118550.43	4.9008	P	1.1
7	☐	500.000	502.771	225574.97	9.6063	P	1.2
8	☐	1000.000	997.095	451142.44	19.0509	P	0.8
9	☐			88.89	0.0037	P	7.9

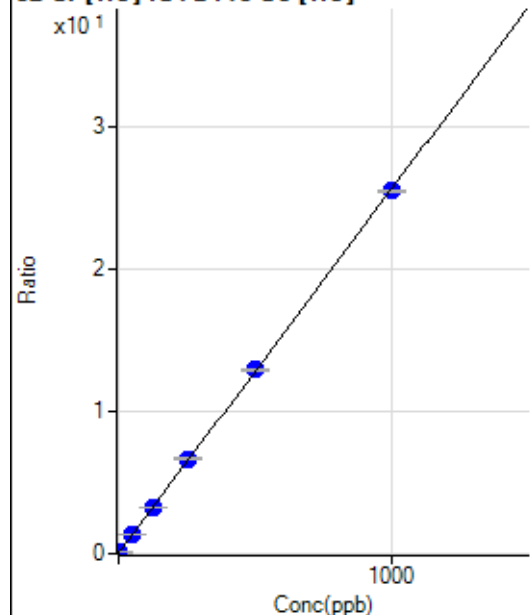
$$y = 0.0191 * x + 3.3462E-004$$

$$R = 1.0000$$

$$DL = 0.03021$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	624.47	0.0235	P	5.5
2	☐	0.200					
3	☐	2.000	2.064	1949.06	0.0762	P	5.0
4	☐	50.000	50.284	33419.99	1.3089	P	2.6
5	☐	125.000	126.288	83689.30	3.2518	P	0.8
6	☐	250.000	258.381	160331.52	6.6286	P	1.8
7	☐	500.000	504.637	303467.35	12.9237	P	1.3
8	☐	1000.000	995.411	603139.16	25.4695	P	0.7
9	☐			8329.29	0.3508	P	6.2

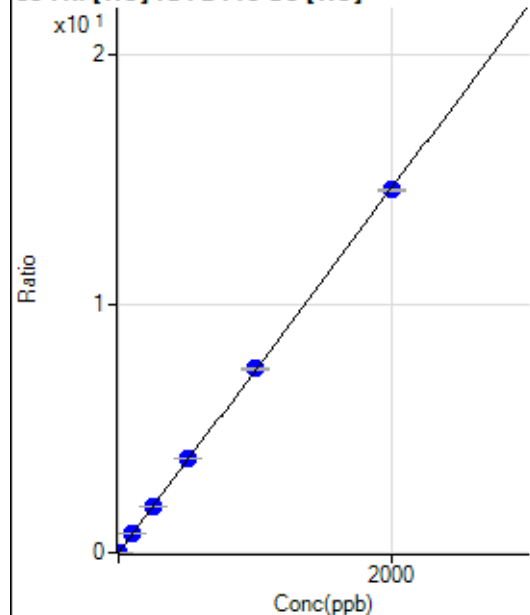
$$y = 0.0256 * x + 0.0235$$

$$R = 0.9999$$

$$DL = 0.1517$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0012	P	15.5
2	☐	0.100					
3	☐	1.000	0.915	202.23	0.0079	P	4.0
4	☐	100.000	101.502	19004.22	0.7441	P	0.7
5	☐	250.000	250.033	47128.30	1.8313	P	1.0
6	☐	500.000	515.300	91267.90	3.7729	P	0.5
7	☐	1000.000	1009.867	173597.00	7.3928	P	1.2
8	☐	2000.000	1991.162	345170.10	14.5753	P	0.3
9	☐			976.72	0.0411	P	2.8

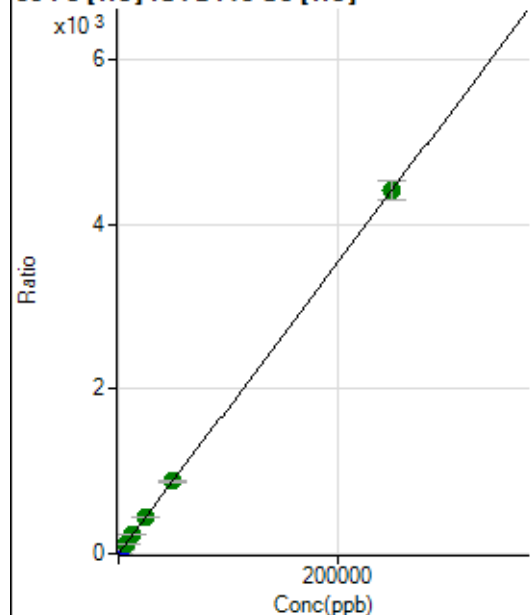
$$y = 0.0073 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.0771$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1353.81	0.0509	P	6.8
2	☐	5.000					
3	☐	50.000	46.911	22414.77	0.8768	P	2.8
4	☐	2500.000	2516.006	1132333.11	44.3443	P	1.6
5	☐	6250.000	6307.639	2858963.32	111.0945	A	1.3
6	☐	12500.000	12835.802	5467426.28	226.0203	A	0.6
7	☐	25000.000	25184.203	10411836.57	443.4093	A	1.4
8	☐	50000.000	49869.697	20791129.17	877.9880	A	1.1
9	☐	250000.00	249989.25	104504819.0	4,401.016	A	5.3

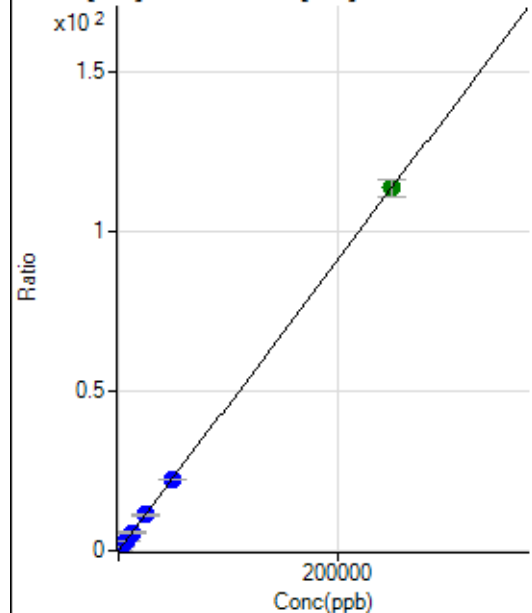
$$y = 0.0176 * x + 0.0509$$

$$R = 1.0000$$

$$DL = 0.591$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0015	P	8.2
2	☐	5.000					
3	☐	50.000	50.440	624.11	0.0244	P	12.4
4	☐	2500.000	2471.385	28674.54	1.1229	P	0.8
5	☐	6250.000	6128.473	71600.07	2.7822	P	1.4
6	☐	12500.000	12570.742	137998.32	5.7052	P	1.5
7	☐	25000.000	24639.223	262536.47	11.1809	P	1.7
8	☐	50000.000	48825.390	524647.00	22.1548	P	0.7
9	☐	250000.00	250270.78	2696593.18	113.5553	A	5.1

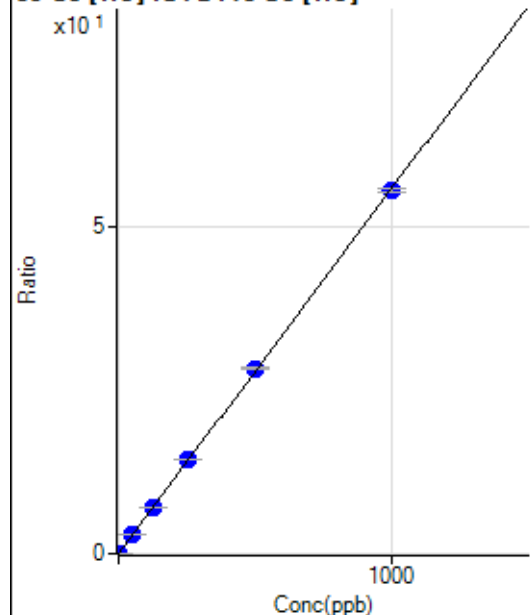
$$y = 4.5372E-004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.8311$$

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	52.22	0.0020	P	9.5
2	☐	0.100					
3	☐	1.000	0.888	1314.53	0.0514	P	5.9
4	☐	50.000	50.745	72198.13	2.8275	P	1.9
5	☐	125.000	126.079	180712.58	7.0221	P	1.0
6	☐	250.000	257.760	347209.51	14.3542	P	1.3
7	☐	500.000	507.229	663239.40	28.2447	P	1.1
8	☐	1000.000	994.273	1311014.80	55.3636	P	1.1
9	☐			1545.67	0.0650	P	4.2

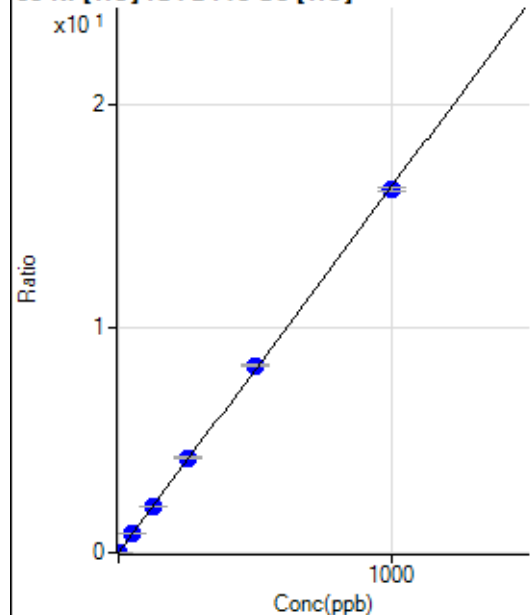
$$y = 0.0557 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.01004$$

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	97.78	0.0037	P	19.1
2	☐	0.100					
3	☐	1.000	1.087	547.80	0.0214	P	5.3
4	☐	50.000	51.130	21411.11	0.8383	P	1.0
5	☐	125.000	126.352	53172.25	2.0661	P	0.9
6	☐	250.000	259.637	102608.94	4.2418	P	0.7
7	☐	500.000	512.028	196332.99	8.3616	P	1.8
8	☐	1000.000	991.351	383286.43	16.1857	P	1.0
9	☐			4125.13	0.1738	P	7.0

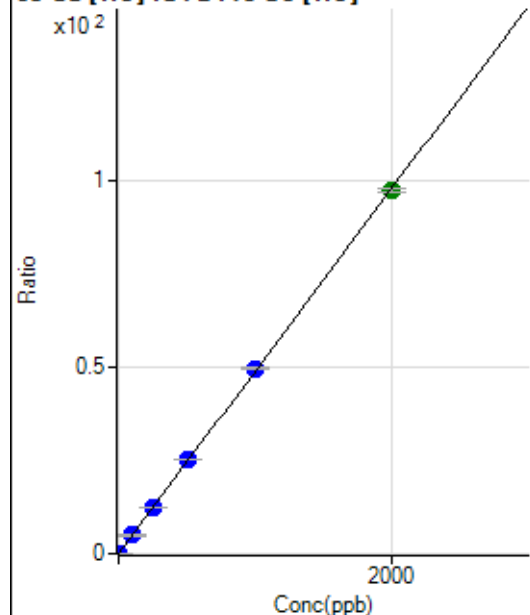
$$y = 0.0163 * x + 0.0037$$

$$R = 0.9998$$

$$DL = 0.129$$

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	91.12	0.0034	P	15.0
2	☐	0.200					
3	☐	2.000	1.892	2458.04	0.0961	P	2.2
4	☐	100.000	100.300	125579.50	4.9175	P	0.8
5	☐	250.000	250.524	315966.96	12.2776	P	0.7
6	☐	500.000	515.392	610890.26	25.2546	P	1.1
7	☐	1000.000	1015.465	1168342.24	49.7552	P	1.2
8	☐	2000.000	1988.339	2306929.06	97.4203	A	1.1
9	☐			3640.54	0.1533	P	5.0

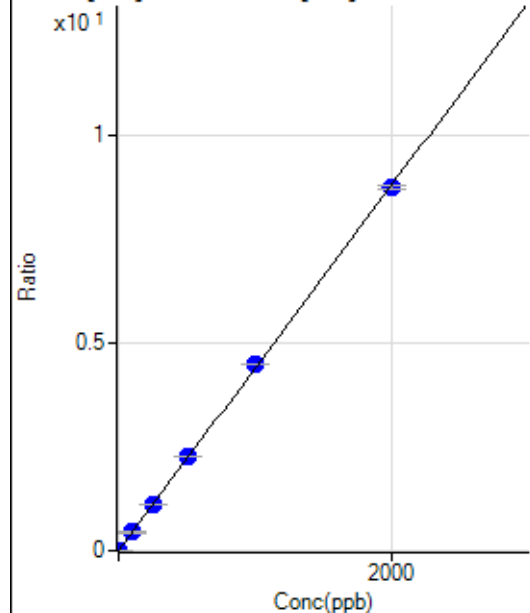
$$y = 0.0490 * x + 0.0034$$

$$R = 0.9999$$

$$DL = 0.03153$$

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	54.44	0.0020	P	33.8
2	☐	0.200					
3	☐	2.000	1.682	241.12	0.0094	P	6.6
4	☐	100.000	99.893	11243.62	0.4404	P	4.6
5	☐	250.000	251.601	28468.28	1.1062	P	1.8
6	☐	500.000	515.323	54753.16	2.2636	P	1.6
7	☐	1000.000	1020.767	105248.70	4.4819	P	0.6
8	☐	2000.000	1985.592	206399.92	8.7162	P	1.2
9	☐			767.81	0.0323	P	3.7

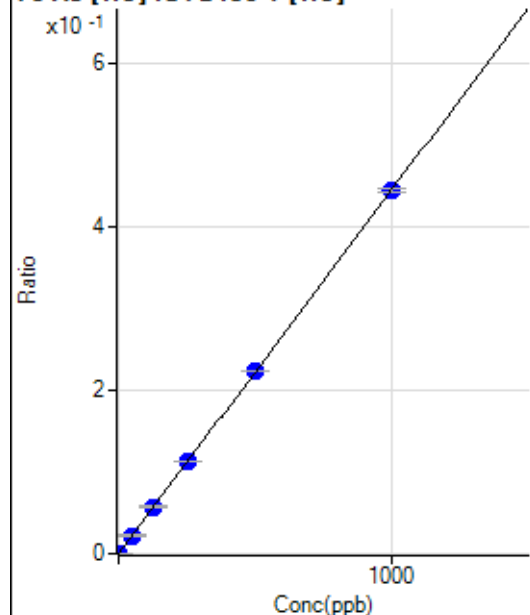
$$y = 0.0044 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.4731$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.9
2	☐	0.100					
3	☐	1.000	0.892	75.31	0.0004	P	13.6
4	☐	50.000	50.112	4041.37	0.0223	P	1.2
5	☐	125.000	129.301	10563.98	0.0576	P	2.1
6	☐	250.000	253.786	20202.48	0.1130	P	0.4
7	☐	500.000	501.282	39026.60	0.2231	P	0.1
8	☐	1000.000	997.869	77677.59	0.4441	P	1.2
9	☐			30.25	0.0002	P	18.8

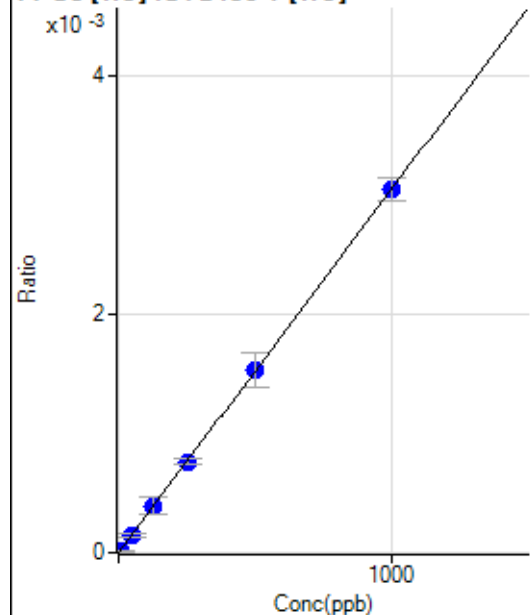
$$y = 4.4503\text{E-}004 * x + 1.6495\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1022$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.989	2.22	0.0000	P	173.
4	☐	50.000	46.336	25.55	0.0001	P	27.5
5	☐	125.000	129.159	72.22	0.0004	P	37.1
6	☐	250.000	250.694	136.67	0.0008	P	6.0
7	☐	500.000	502.209	267.78	0.0015	P	19.2
8	☐	1000.000	998.390	532.24	0.0030	P	6.3
9	☐			0.00	0.0000	P	

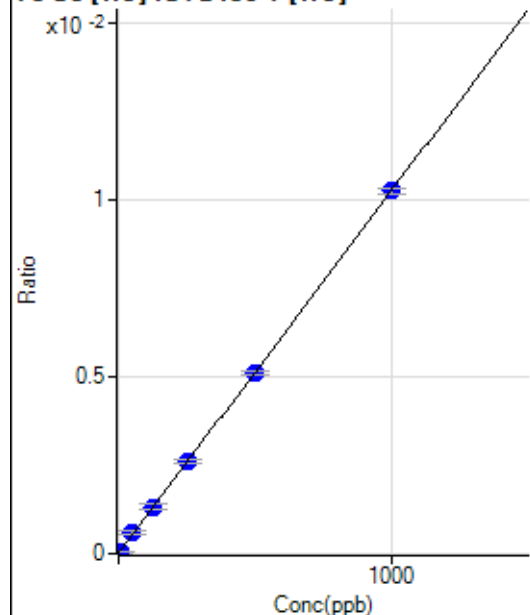
$$y = 3.0477\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

$$DL = 0$$

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	1.85	0.0000	P	99.6
2	☐	0.500					
3	☐	5.000	5.327	11.73	0.0001	P	8.8
4	☐	50.000	55.971	105.55	0.0006	P	18.6
5	☐	125.000	128.559	243.21	0.0013	P	12.6
6	☐	250.000	253.326	465.44	0.0026	P	5.6
7	☐	500.000	497.751	892.63	0.0051	P	2.9
8	☐	1000.000	999.548	1790.88	0.0102	P	1.9
9	☐			3.70	0.0000	P	54.1

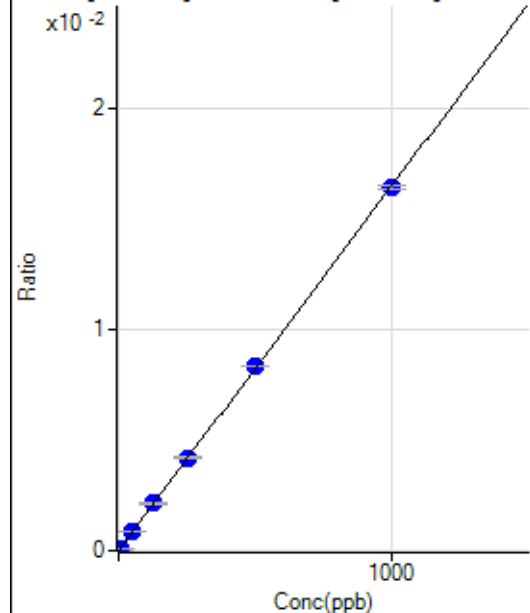
$$y = 1.0234\text{E-}005 * x + 9.8472\text{E-}006$$

$$R = 1.0000$$

$$DL = 2.876$$

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	-32.52	0.0000	P	-65.
2	☐	0.500					
3	☐	5.000	5.379	463.19	0.0001	P	8.7
4	☐	50.000	51.514	4826.77	0.0008	P	2.0
5	☐	125.000	129.850	12682.84	0.0021	P	1.0
6	☐	250.000	255.816	25098.40	0.0042	P	1.4
7	☐	500.000	504.788	49746.77	0.0083	P	0.1
8	☐	1000.000	995.468	98462.61	0.0164	P	0.9
9	☐			15.92	0.0000	P	230.

$$y = 1.6458\text{E-}005 * x - 5.4857\text{E-}006$$

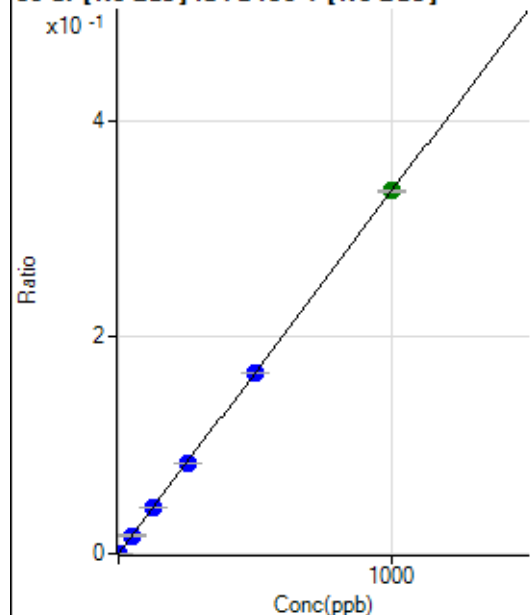
$$R = 1.0000$$

$$DL = 0.6501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.48	0.0001	P	15.6
2	☐	0.100					
3	☐	1.000	0.959	2239.18	0.0004	P	7.9
4	☐	50.000	50.087	96590.57	0.0169	P	1.8
5	☐	125.000	126.034	251648.63	0.0423	P	0.5
6	☐	250.000	249.338	499017.16	0.0836	P	0.9
7	☐	500.000	498.185	1000342.04	0.1670	P	0.5
8	☐	1000.000	1000.940	2016170.40	0.3354	A	0.8
9	☐			69589.59	0.0118	P	2.5

$$y = 3.3497\text{E-}004 * x + 7.9088\text{E-}005$$

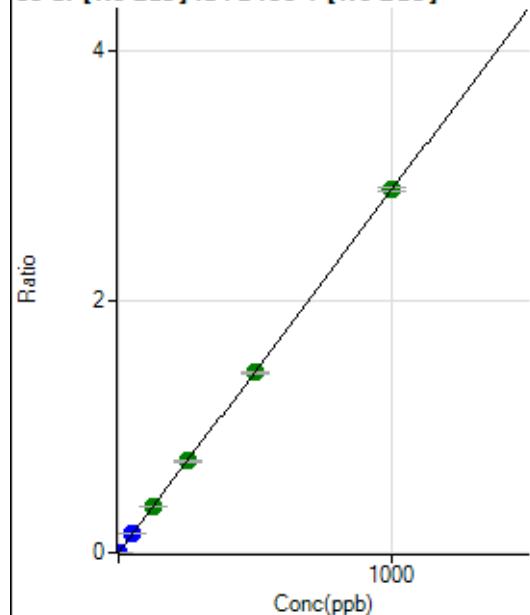
$$R = 1.0000$$

$$DL = 0.1104$$

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	263.91	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.953	15592.85	0.0028	P	9.1
4	☐	50.000	50.798	841322.79	0.1468	P	1.5
5	☐	125.000	128.213	2204331.06	0.3705	A	1.1
6	☐	250.000	252.483	4355111.90	0.7296	A	0.6
7	☐	500.000	496.866	8602194.55	1.4357	A	0.7
8	☐	1000.000	1000.505	17379508.03	2.8910	A	1.0
9	☐			604460.63	0.1022	P	0.3

$$y = 0.0029 * x + 4.4497\text{E-}005$$

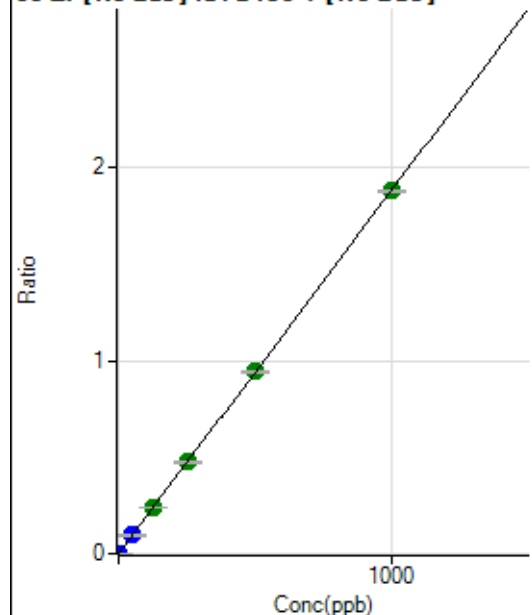
$$R = 1.0000$$

$$DL = 0.004735$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.36	0.0001	P	18.2
2	☐	0.100					
3	☐	1.000	0.924	10120.87	0.0018	P	6.5
4	☐	50.000	50.279	543202.25	0.0948	P	1.8
5	☐	125.000	127.723	1432029.67	0.2407	A	0.8
6	☐	250.000	252.017	2834537.65	0.4749	A	1.0
7	☐	500.000	500.614	5651564.28	0.9432	A	0.4
8	☐	1000.000	998.835	11313459.37	1.8819	A	0.6
9	☐			1386.25	0.0002	P	7.1

$$y = 0.0019 * x + 7.3029E-005$$

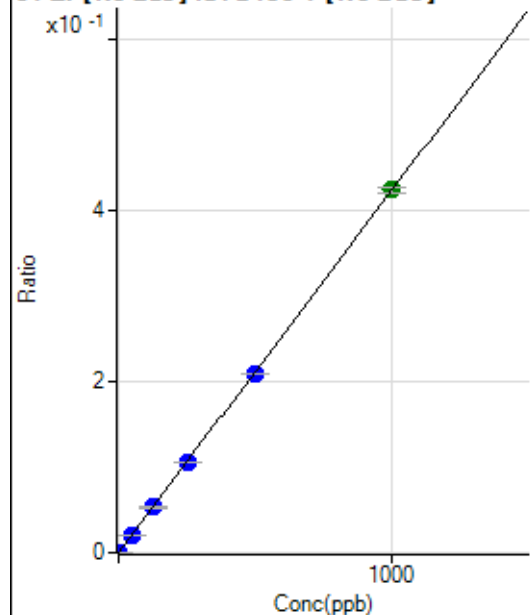
$$R = 1.0000$$

$$DL = 0.02117$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	68.0
2	☐	0.100					
3	☐	1.000	0.855	2080.81	0.0004	P	3.6
4	☐	50.000	49.748	120452.02	0.0210	P	2.1
5	☐	125.000	125.308	314923.14	0.0529	P	0.8
6	☐	250.000	249.265	628426.21	0.1053	P	1.6
7	☐	500.000	494.648	1251738.69	0.2089	P	0.6
8	☐	1000.000	1002.834	2546111.08	0.4235	A	1.5
9	☐			308.35	0.0001	P	15.0

$$y = 4.2233E-004 * x + 1.1702E-005$$

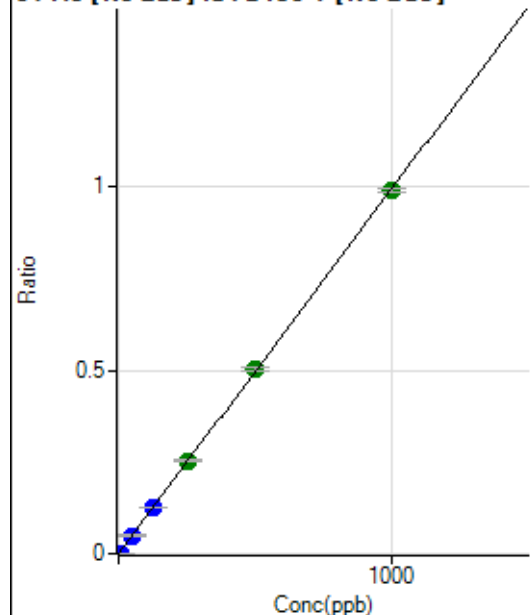
$$R = 1.0000$$

$$DL = 0.05653$$

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	166.68	0.0000	P	9.6
2	☐	0.500					
3	☐	5.000	2.043	11480.32	0.0021	P	3.8
4	☐	50.000	50.073	285002.40	0.0497	P	1.5
5	☐	125.000	125.538	741621.87	0.1247	P	0.5
6	☐	250.000	255.166	1512084.12	0.2533	A	1.9
7	☐	500.000	507.183	3016731.90	0.5035	A	1.4
8	☐	1000.000	995.061	5938788.37	0.9878	A	0.9
9	☐			4487.07	0.0008	P	0.7

$$y = 9.9271\text{E-}004 * x + 2.8085\text{E-}005$$

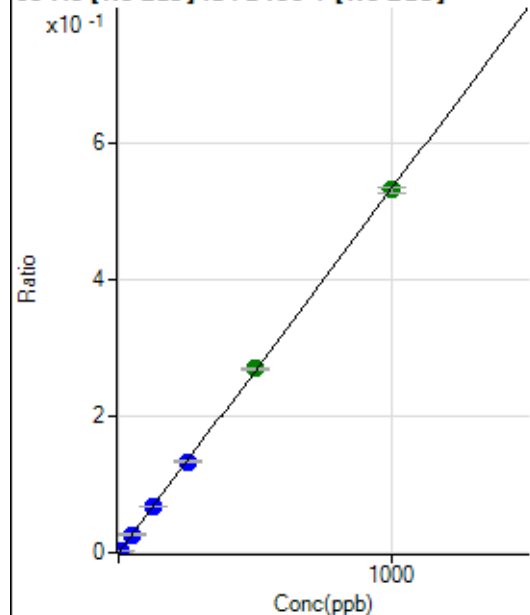
$$R = 0.9999$$

$$DL = 0.00814$$

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	44.45	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	4.601	13707.50	0.0025	P	2.9
4	☐	50.000	50.183	153060.29	0.0267	P	1.1
5	☐	125.000	125.960	398817.83	0.0670	P	0.4
6	☐	250.000	250.144	794536.45	0.1331	P	1.4
7	☐	500.000	505.157	1610655.44	0.2688	A	0.3
8	☐	1000.000	997.258	3190320.36	0.5307	A	1.3
9	☐			7435.73	0.0013	P	2.6

$$y = 5.3211\text{E-}004 * x + 7.4884\text{E-}006$$

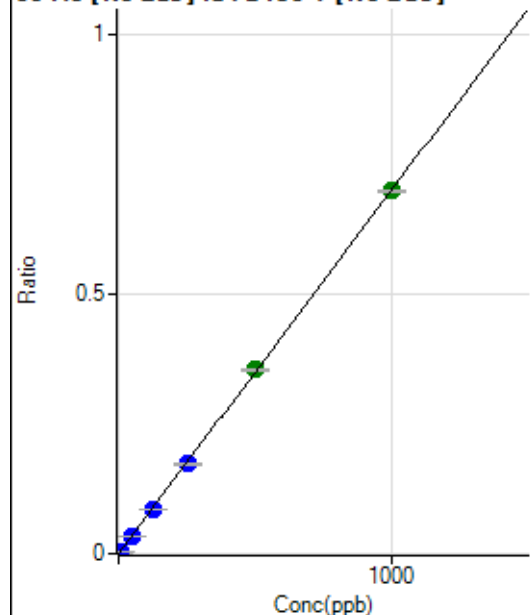
$$R = 1.0000$$

$$DL = 0.004323$$

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	55.56	0.0000	P	43.2
2	☐	0.500					
3	☐	5.000	3.946	15476.19	0.0028	P	2.6
4	☐	50.000	48.510	194627.25	0.0340	P	1.7
5	☐	125.000	122.909	511925.48	0.0860	P	0.6
6	☐	250.000	246.250	1028972.62	0.1724	P	0.8
7	☐	500.000	505.802	2121385.83	0.3541	A	0.9
8	☐	1000.000	998.378	4201516.72	0.6989	A	0.4
9	☐			9150.67	0.0015	P	3.9

$$y = 6.9998\text{E-}004 * x + 9.3614\text{E-}006$$

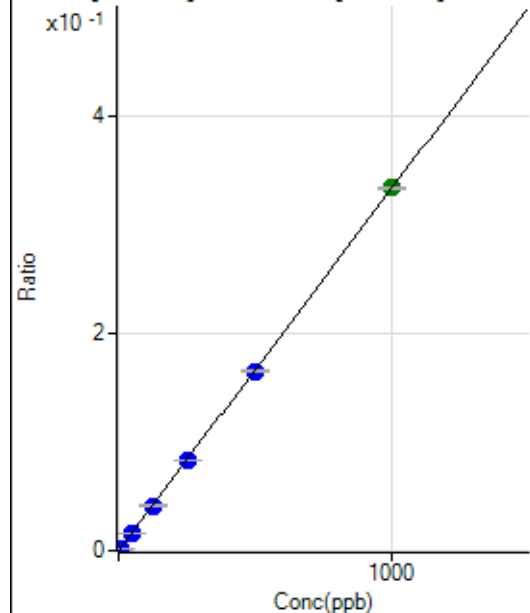
$$R = 1.0000$$

$$DL = 0.01732$$

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	47.23	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.441	8294.53	0.0015	P	7.4
4	☐	50.000	49.799	95082.45	0.0166	P	1.4
5	☐	125.000	124.539	246816.76	0.0415	P	0.6
6	☐	250.000	248.527	494109.81	0.0828	P	0.9
7	☐	500.000	495.909	989598.39	0.1652	P	0.8
8	☐	1000.000	1002.484	2007265.89	0.3339	A	0.7
9	☐			4520.41	0.0008	P	4.7

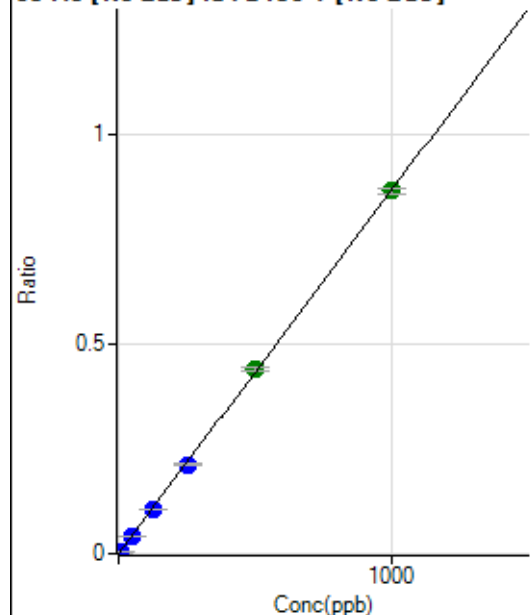
$$y = 3.3304\text{E-}004 * x + 7.9539\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01417$$

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	30.56	0.0000	P	41.3
2	☐	0.500					
3	☐	5.000	4.558	22054.79	0.0040	P	4.3
4	☐	50.000	48.661	241518.59	0.0421	P	1.3
5	☐	125.000	123.812	637983.23	0.1072	P	0.7
6	☐	250.000	245.928	1271301.88	0.2130	P	1.7
7	☐	500.000	505.710	2624018.35	0.4380	A	2.1
8	☐	1000.000	998.381	5198002.59	0.8646	A	1.4
9	☐			10551.84	0.0018	P	3.6

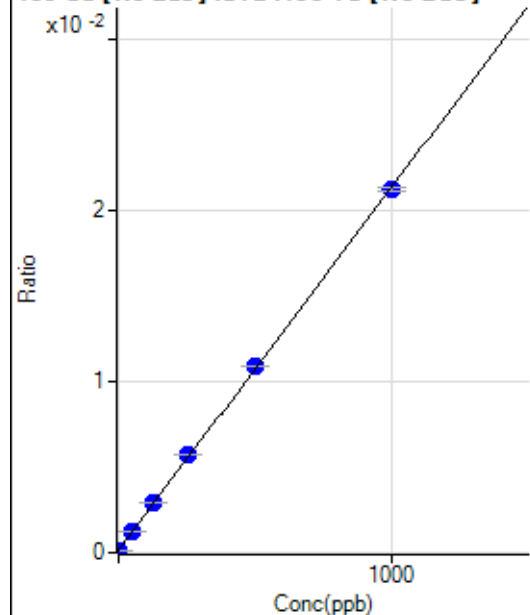
$$y = 8.6605E-004 * x + 5.1423E-006$$

$$R = 1.0000$$

$$DL = 0.007363$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1127.87	0.0002	P	9.2
2	☐	0.100					
3	☐	1.000	0.194	1083.43	0.0002	P	9.5
4	☐	50.000	51.755	8922.80	0.0012	P	4.4
5	☐	125.000	132.028	21904.71	0.0029	P	1.2
6	☐	250.000	262.261	42969.42	0.0057	P	0.8
7	☐	500.000	505.618	83239.90	0.0108	P	0.3
8	☐	1000.000	993.161	164934.14	0.0212	P	1.0
9	☐			1138.99	0.0002	P	13.9

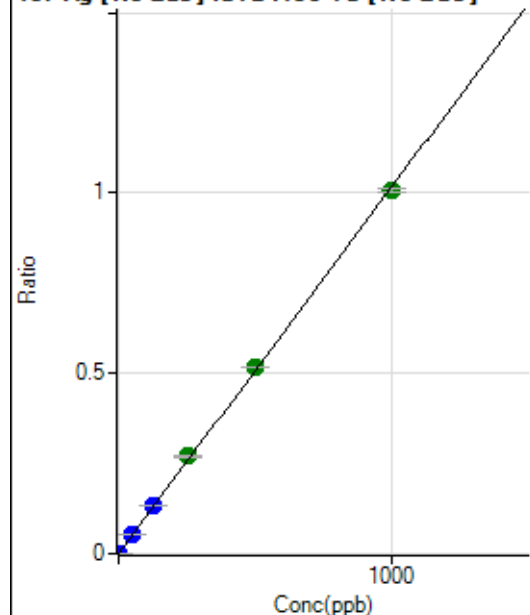
$$y = 2.1151E-005 * x + 1.5374E-004$$

$$R = 0.9999$$

$$DL = 2.008$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	1.026	7199.47	0.0010	P	3.9
4	☐	50.000	53.120	385931.36	0.0540	P	1.3
5	☐	125.000	132.592	1001742.98	0.1347	P	1.2
6	☐	250.000	265.043	2030020.77	0.2693	A	1.6
7	☐	500.000	509.973	3976479.65	0.5182	A	0.6
8	☐	1000.000	990.148	7841915.89	1.0062	A	1.1
9	☐			852.85	0.0001	P	21.1

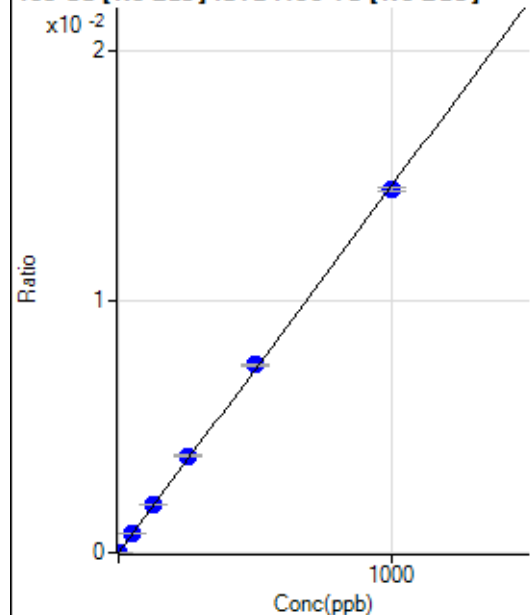
$$y = 0.0010 * x + 6.4465E-006$$

$$R = 0.9998$$

$$DL = 0.007125$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.071	109.72	0.0000	P	10.2
4	☐	50.000	51.640	5388.69	0.0008	P	1.3
5	☐	125.000	133.325	14462.18	0.0019	P	0.5
6	☐	250.000	262.938	28910.46	0.0038	P	1.6
7	☐	500.000	512.524	57367.53	0.0075	P	0.9
8	☐	1000.000	989.381	112480.71	0.0144	P	1.0
9	☐			26.39	0.0000	P	49.0

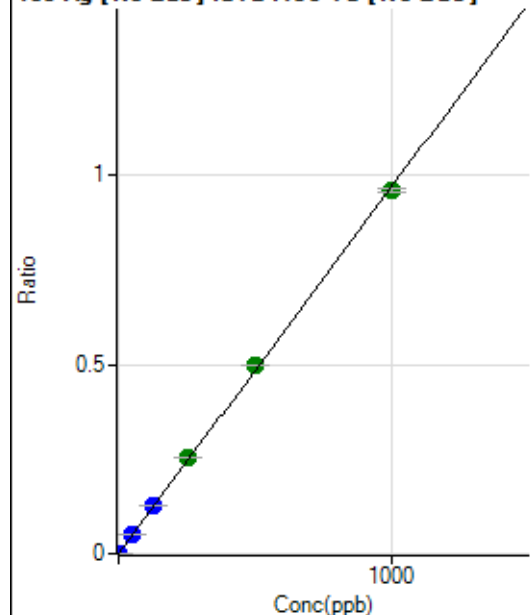
$$y = 1.4586E-005 * x + 3.7750E-007$$

$$R = 0.9998$$

$$DL = 0.06724$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.4
2	☐	0.100					
3	☐	1.000	1.007	6752.00	0.0010	P	5.2
4	☐	50.000	52.840	366370.71	0.0512	P	1.2
5	☐	125.000	131.841	950605.96	0.1279	P	0.8
6	☐	250.000	261.784	1913530.97	0.2539	A	0.2
7	☐	500.000	513.698	3822502.52	0.4982	A	0.4
8	☐	1000.000	989.208	7476643.31	0.9593	A	1.1
9	☐			727.83	0.0001	P	5.8

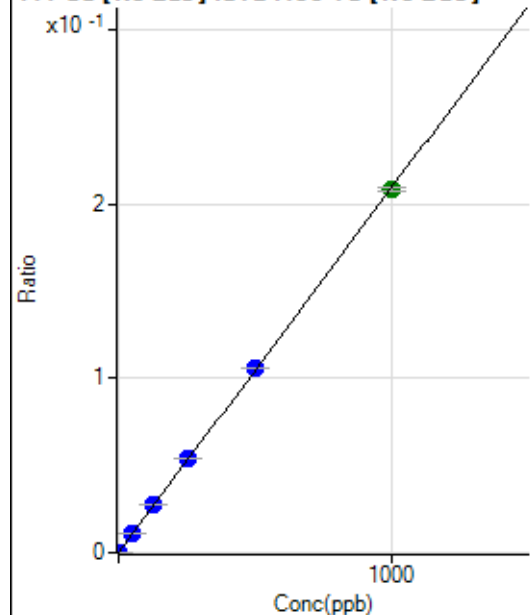
$$y = 9.6974\text{E-}004 * x + 7.5705\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.007344$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	791.73	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.926	2070.58	0.0003	P	4.1
4	☐	50.000	52.150	78773.50	0.0110	P	1.3
5	☐	125.000	130.837	204316.74	0.0275	P	0.9
6	☐	250.000	258.539	408522.06	0.0542	P	0.1
7	☐	500.000	505.143	811774.00	0.1058	P	0.5
8	☐	1000.000	994.457	1622511.00	0.2082	A	1.2
9	☐			995.49	0.0001	P	9.2

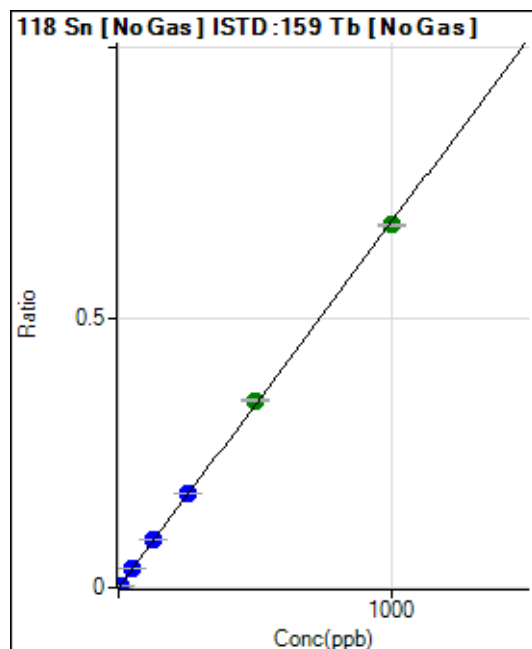
$$y = 2.0922\text{E-}004 * x + 1.0792\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1348$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.70	0.0001	P	11.7
2	☐	0.500					
3	☐	5.000	4.762	22558.59	0.0033	P	5.4
4	☐	50.000	51.273	248819.20	0.0348	P	1.8
5	☐	125.000	130.305	656992.61	0.0884	P	0.7
6	☐	250.000	255.160	1303806.62	0.1730	P	0.1
7	☐	500.000	511.740	2661503.75	0.3469	A	0.7
8	☐	1000.000	992.114	5240849.55	0.6724	A	0.3
9	☐			5092.88	0.0007	P	5.8

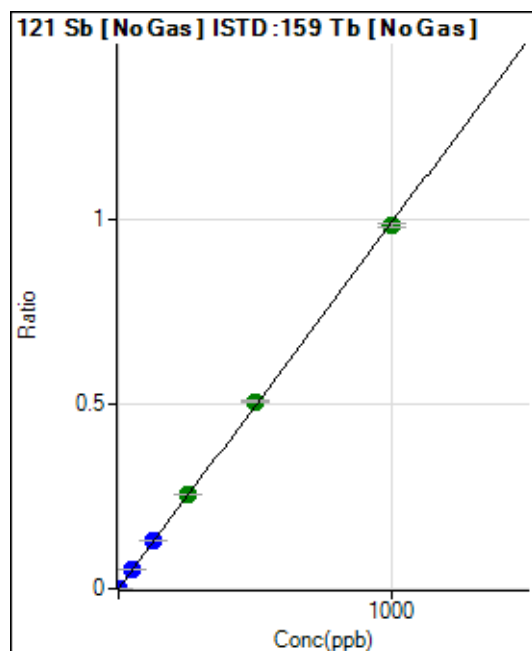
$$y = 6.7768\text{E-}004 * x + 6.0193\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03113$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	26.5
2	☐	0.200					
3	☐	2.000	1.906	13068.02	0.0019	P	3.5
4	☐	50.000	51.377	364642.30	0.0510	P	2.1
5	☐	125.000	130.125	960393.06	0.1292	P	1.2
6	☐	250.000	258.623	1935100.09	0.2567	A	0.6
7	☐	500.000	510.890	3891394.88	0.5071	A	0.9
8	☐	1000.000	991.690	7672595.75	0.9844	A	1.0
9	☐			9139.67	0.0012	P	4.7

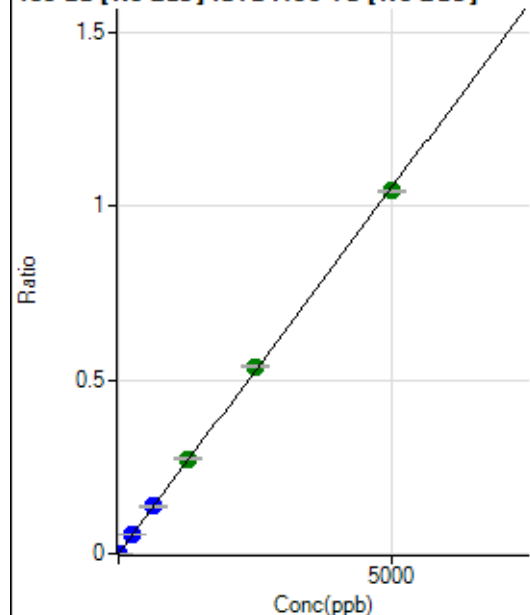
$$y = 9.9265\text{E-}004 * x + 1.1355\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.009089$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.4
2	☐	1.000					
3	☐	10.000	9.648	13949.61	0.0020	P	6.3
4	☐	250.000	256.226	385176.12	0.0539	P	2.0
5	☐	625.000	647.288	1011946.40	0.1361	P	1.5
6	☐	1250.000	1300.517	2061297.79	0.2735	A	0.5
7	☐	2500.000	2552.901	4119215.54	0.5368	A	1.1
8	☐	5000.000	4957.823	8125708.43	1.0425	A	0.8
9	☐			2166.95	0.0003	P	7.8

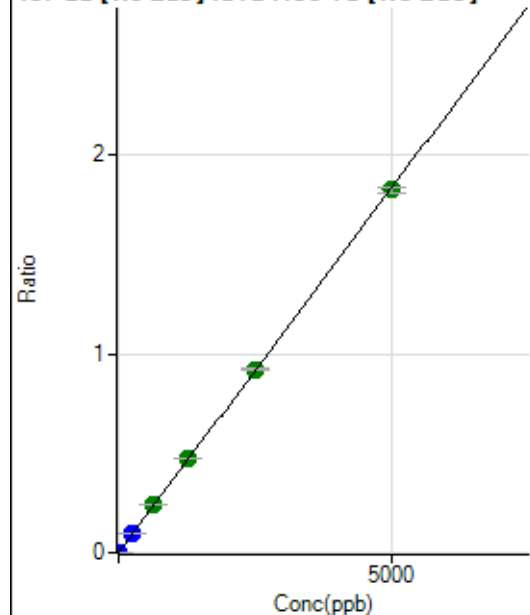
$$y = 2.1028\text{E-}004 * x + 3.7895\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02507$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	18.0
2	☐	1.000					
3	☐	10.000	9.738	24520.75	0.0036	P	5.8
4	☐	250.000	258.020	676175.19	0.0946	P	1.4
5	☐	625.000	656.369	1788808.31	0.2406	A	1.6
6	☐	1250.000	1294.991	3578030.03	0.4747	A	1.0
7	☐	2500.000	2517.277	7080543.91	0.9228	A	0.5
8	☐	5000.000	4975.792	14216012.99	1.8240	A	1.4
9	☐			3820.18	0.0005	P	4.4

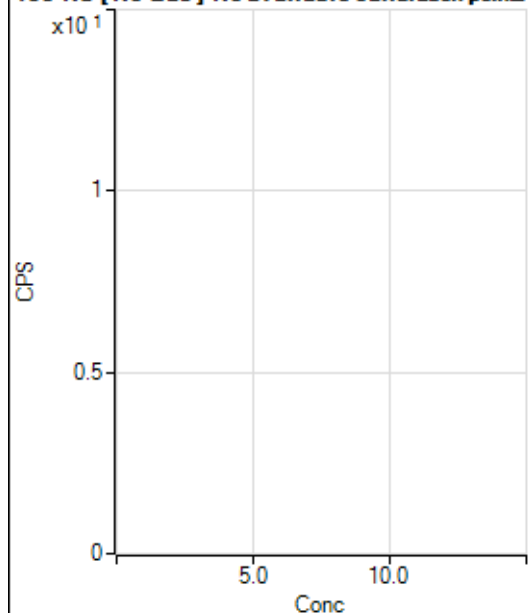
$$y = 3.6657\text{E-}004 * x + 3.7874\text{E-}006$$

$$R = 0.9999$$

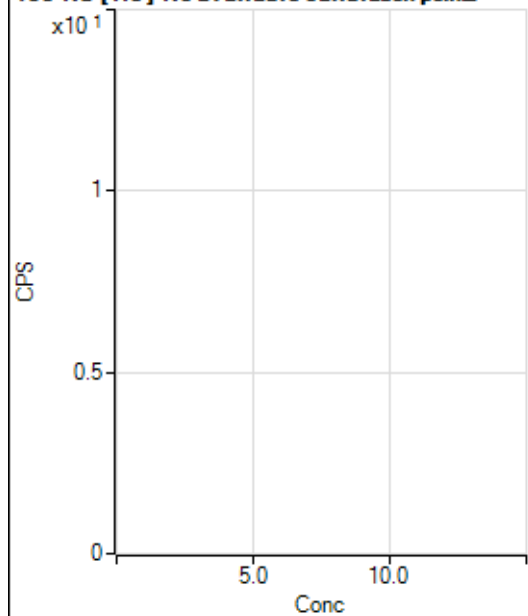
$$DL = 0.005568$$

Weight: <None>

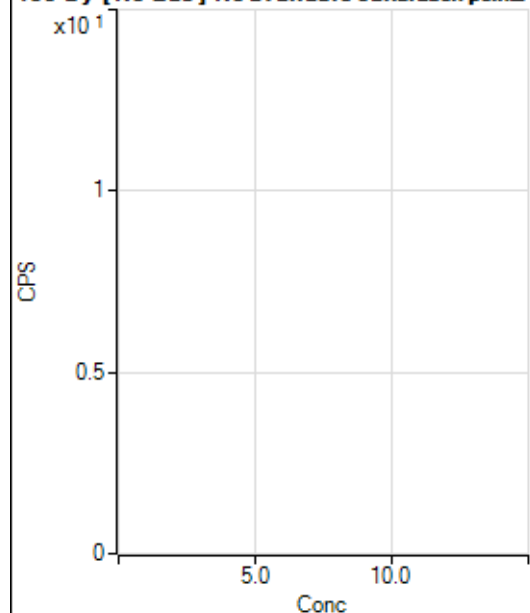
Min Conc: 0

150 Nd [No Gas] No available calibration points

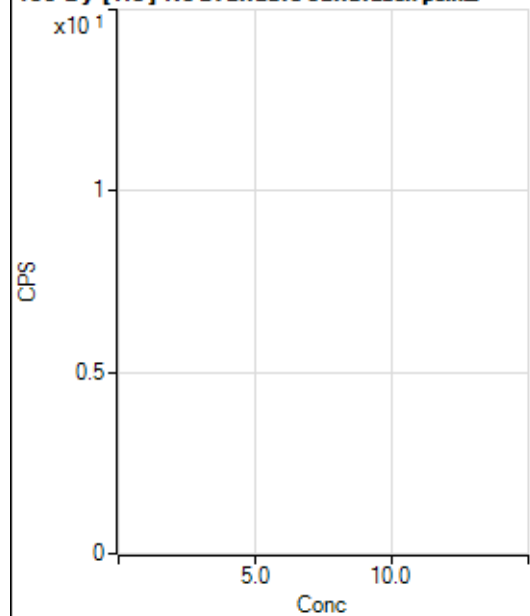
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			6.67		P	173.
4	☐			20.00		P	66.7
5	☐			55.56		P	13.9
6	☐			100.00		P	20.0
7	☐			157.78		P	13.6
8	☐			317.80		P	10.3
9	☐			75.56		P	13.5

150 Nd [He] No available calibration points

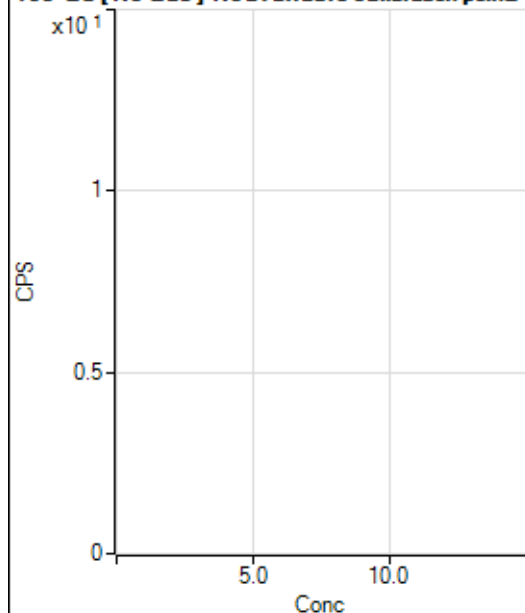
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			2.22		P	86.6
8	☐			7.78		P	99.0
9	☐			13.33		P	43.3

156 Dy [No Gas] No available calibration points

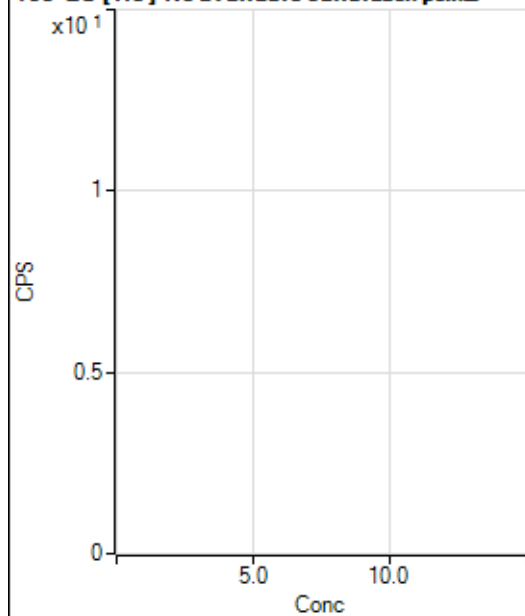
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			8.33		P	173.
4	☐			13.89		P	69.3
5	☐			19.45		P	24.7
6	☐			33.33		P	25.0
7	☐			33.33		P	43.3
8	☐			127.78		P	21.0
9	☐			52.78		P	48.2

156 Dy [He] No available calibration points

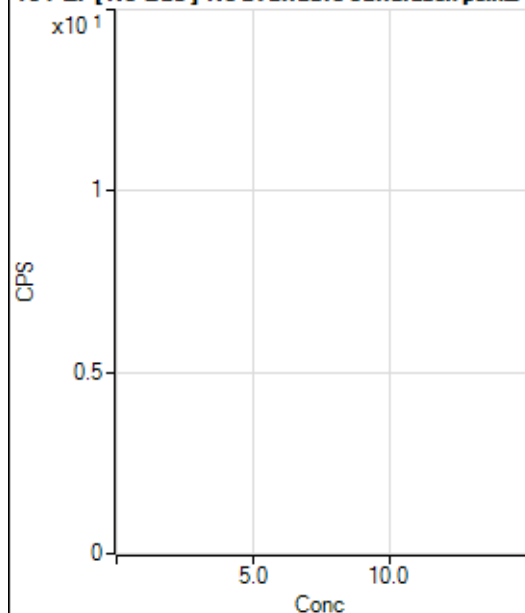
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			16.67		P	40.0
8	☐			15.56		P	53.9
9	☐			8.89		P	43.3

160 Gd [No Gas] Noavailable calibration poin_

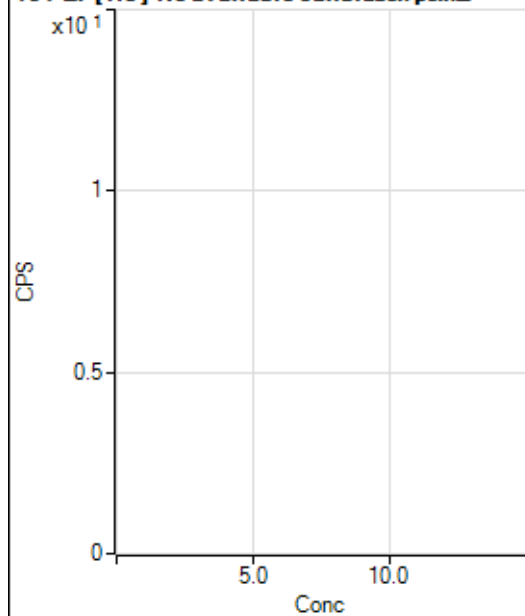
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	22.9
2	☐						
3	☐			69.45		P	60.4
4	☐			47.22		P	44.4
5	☐			47.22		P	36.7
6	☐			61.11		P	67.3
7	☐			61.11		P	51.6
8	☐			111.12		P	15.6
9	☐			72.23		P	65.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐						
3	☐			10.00		P	88.2
4	☐			4.44		P	43.4
5	☐			4.44		P	43.4
6	☐			10.00		P	57.8
7	☐			14.44		P	70.5
8	☐			28.89		P	46.6
9	☐			20.00		P	44.1

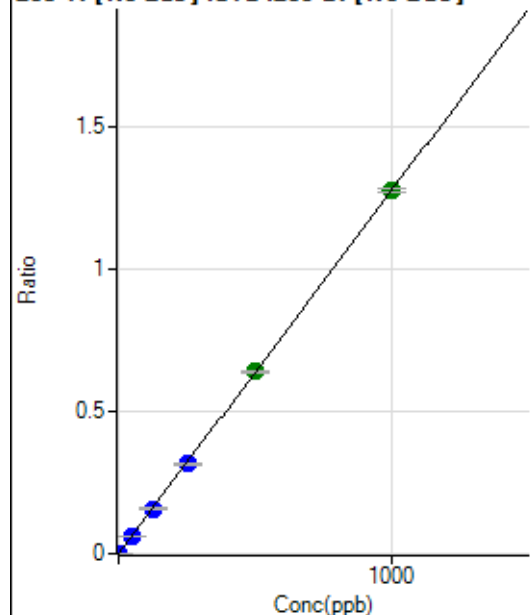
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			33.33		P	66.2
4	☐			30.56		P	41.7
5	☐			36.11		P	48.0
6	☐			30.56		P	63.0
7	☐			44.45		P	10.8
8	☐			58.34		P	14.3
9	☐			52.78		P	24.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			3.33		P	173.
4	☐			3.33		P	0.0
5	☐			4.44		P	114.
6	☐			3.33		P	0.0
7	☐			5.55		P	124.
8	☐			8.89		P	43.3
9	☐			11.11		P	62.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.56	0.0000	P	1.4
2	☐	0.100					
3	☐	1.000	0.962	5534.81	0.0013	P	1.3
4	☐	50.000	49.731	287059.17	0.0636	P	0.4
5	☐	125.000	124.234	755950.53	0.1588	P	1.1
6	☐	250.000	247.118	1523895.18	0.3159	P	0.8
7	☐	500.000	502.612	3163930.78	0.6424	A	1.2
8	☐	1000.000	999.524	6288740.85	1.2775	A	1.2
9	☐			2367.00	0.0005	P	6.3

$$y = 0.0013 * x + 3.8927E-005$$

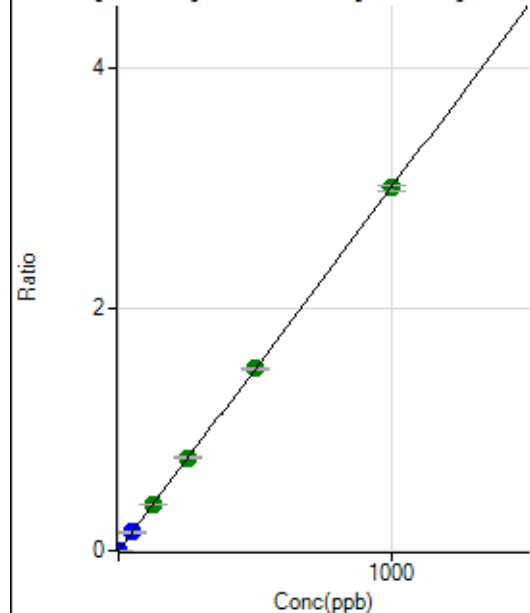
$$R = 1.0000$$

$$DL = 0.001241$$

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	377.80	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.968	13032.24	0.0030	P	5.8
4	☐	50.000	50.320	683219.99	0.1514	P	1.2
5	☐	125.000	127.640	1826979.90	0.3838	A	1.3
6	☐	250.000	255.792	3710664.10	0.7692	A	0.8
7	☐	500.000	500.120	7406009.20	1.5038	A	1.0
8	☐	1000.000	998.146	14772924.46	3.0011	A	1.4
9	☐			5290.24	0.0012	P	5.7

$$y = 0.0030 * x + 8.1407E-005$$

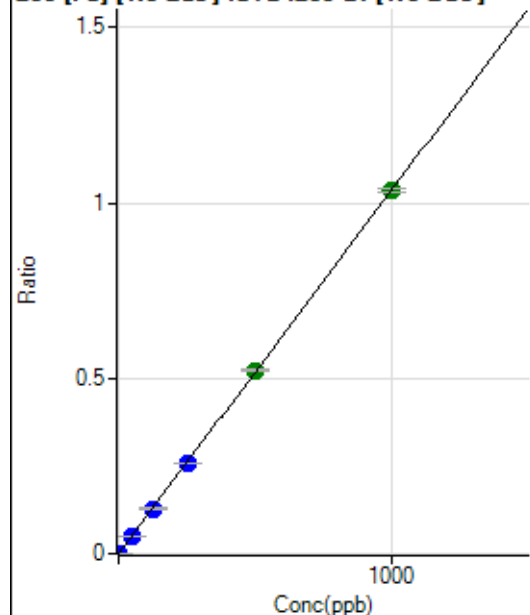
$$R = 1.0000$$

$$DL = 0.007202$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388.91	0.0001	P	4.4
2	☐	0.100					
3	☐	1.000	0.966	4730.66	0.0011	P	3.3
4	☐	50.000	49.735	232927.19	0.0516	P	0.2
5	☐	125.000	124.134	612485.97	0.1287	P	0.6
6	☐	250.000	248.034	1240014.58	0.2570	P	0.3
7	☐	500.000	504.356	2573760.45	0.5226	A	0.7
8	☐	1000.000	998.435	5092052.31	1.0344	A	1.0
9	☐			7369.00	0.0016	P	1.5

$$y = 0.0010 * x + 8.3874E-005$$

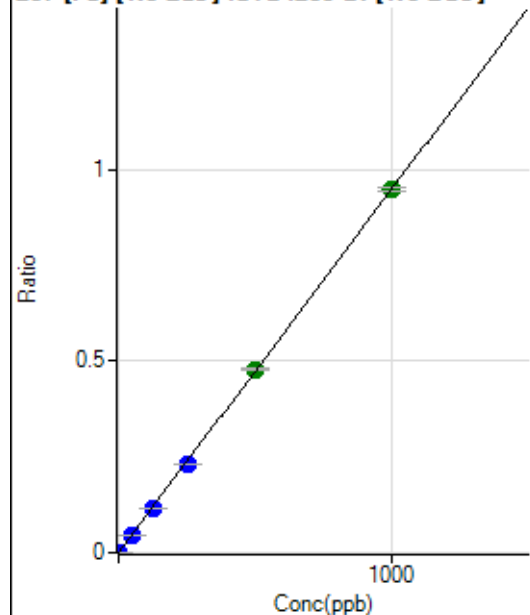
$$R = 1.0000$$

$$DL = 0.01074$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	362.98	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.934	4206.37	0.0010	P	0.6
4	☐	50.000	49.058	210457.66	0.0466	P	0.6
5	☐	125.000	122.611	554138.08	0.1164	P	0.7
6	☐	250.000	245.463	1124026.28	0.2330	P	0.2
7	☐	500.000	505.073	2360676.09	0.4793	A	1.1
8	☐	1000.000	998.944	4666428.00	0.9480	A	1.0
9	☐			6116.50	0.0013	P	5.1

$$y = 9.4888E-004 * x + 7.8301E-005$$

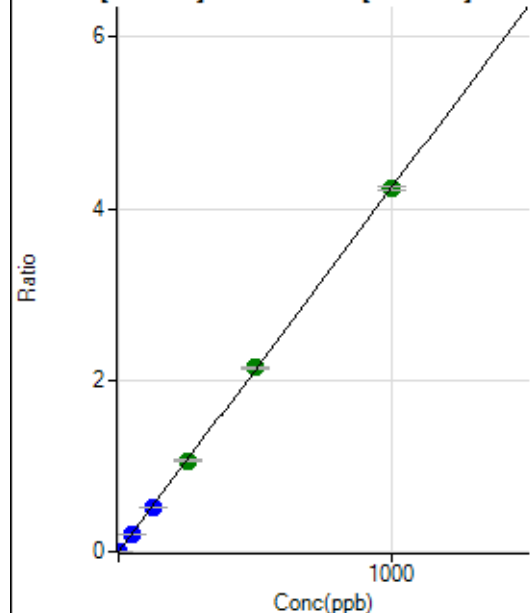
$$R = 1.0000$$

$$DL = 0.03605$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1711.21	0.0004	P	7.4
2	☐	0.100					
3	☐	1.000	0.940	18983.92	0.0044	P	2.8
4	☐	50.000	49.366	946447.99	0.2097	P	0.4
5	☐	125.000	123.478	2493839.37	0.5239	P	0.2
6	☐	250.000	251.004	5136320.53	1.0647	A	0.5
7	☐	500.000	505.372	10555670.75	2.1433	A	0.7
8	☐	1000.000	997.285	20818207.53	4.2291	A	0.9
9	☐			28389.06	0.0062	P	3.2

$$y = 0.0042 * x + 3.6908E-004$$

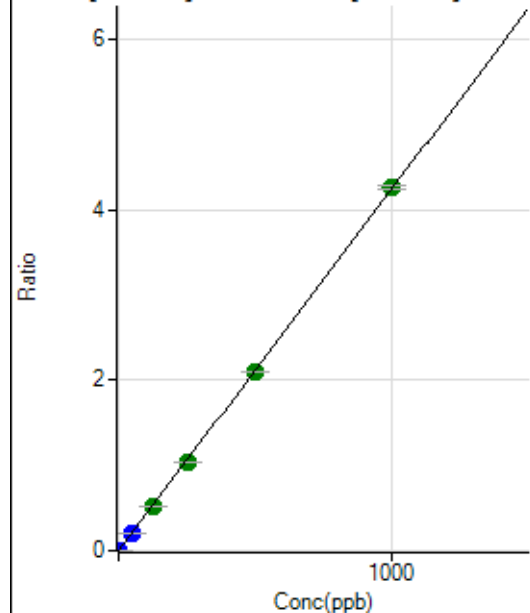
$$R = 1.0000$$

$$DL = 0.01938$$

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	69.45	0.0000	P	23.9
2	☐	0.100					
3	☐	1.000	0.896	16611.76	0.0038	P	4.9
4	☐	50.000	48.300	923725.71	0.2047	P	0.2
5	☐	125.000	123.935	2499409.37	0.5251	A	0.6
6	☐	250.000	246.053	5029446.25	1.0425	A	0.2
7	☐	500.000	494.329	10315421.93	2.0945	A	0.4
8	☐	1000.000	1004.040	20941040.22	4.2541	A	1.0
9	☐			777.84	0.0002	P	5.8

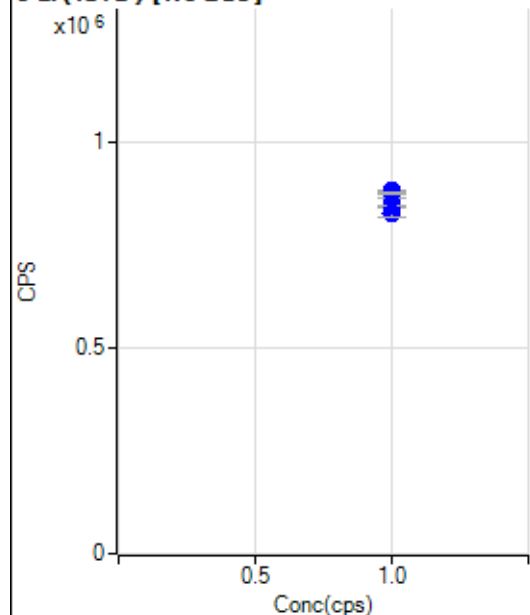
$$y = 0.0042 * x + 1.4944E-005$$

$$R = 1.0000$$

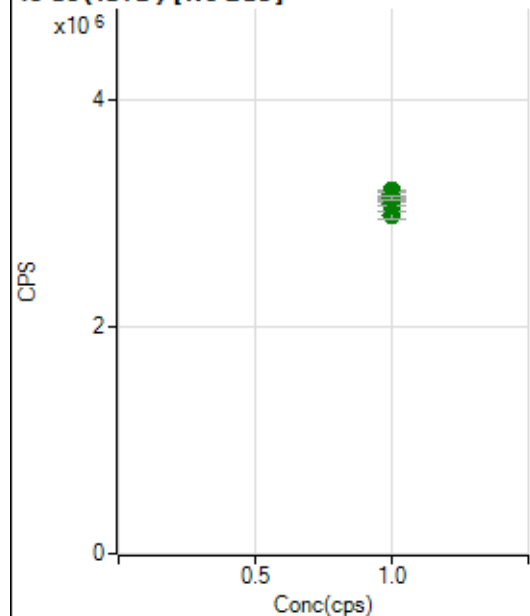
$$DL = 0.002532$$

Weight: <None>

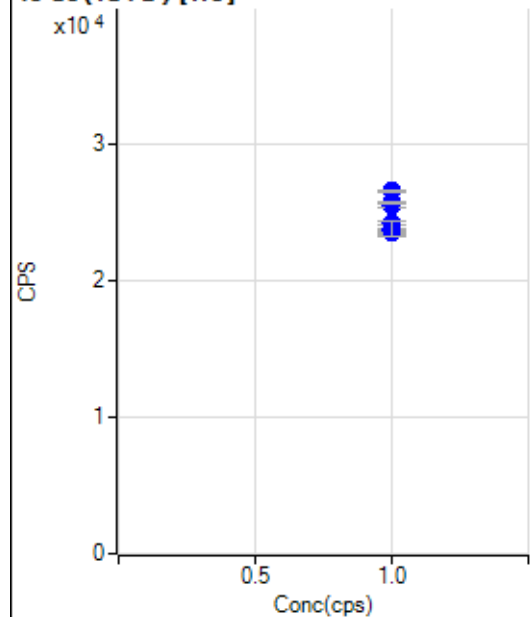
Min Conc: 0

6 Li (ISTD) [No Gas]

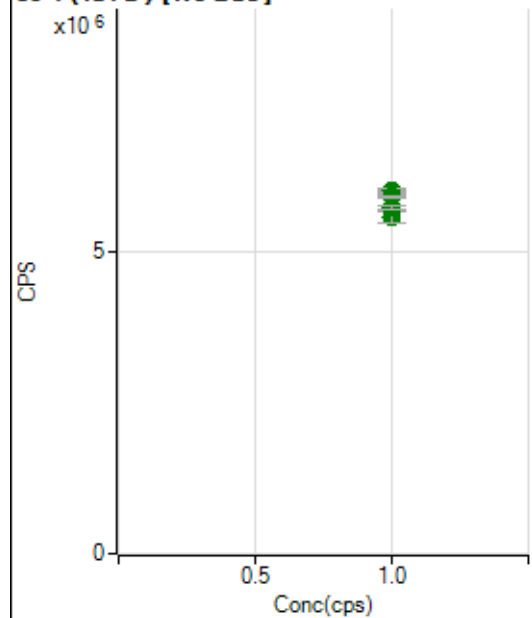
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		866477.48		P	0.2
2	☐	1.000					
3	☐	1.000		830024.67		P	2.9
4	☐	1.000		845129.05		P	0.2
5	☐	1.000		882430.62		P	0.6
6	☐	1.000		878402.54		P	0.1
7	☐	1.000		877657.15		P	0.5
8	☐	1.000		865351.38		P	0.2
9	☐	1.000		878388.87		P	0.5

45 Sc (ISTD) [No Gas]

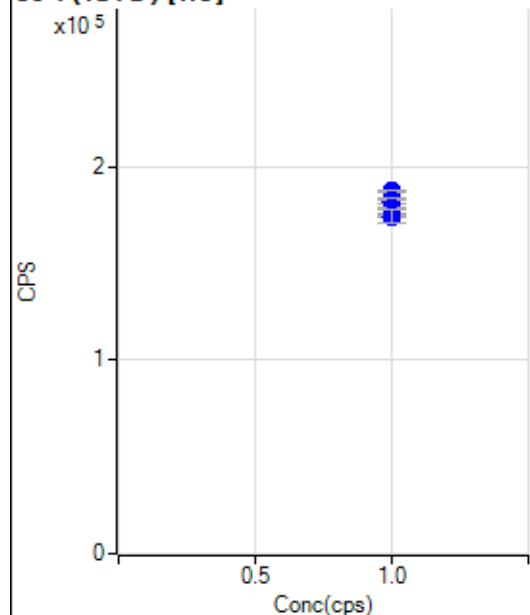
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3202712.16		A	0.1
2	☐	1.000					
3	☐	1.000		2989828.91		A	2.7
4	☐	1.000		3068445.01		A	0.1
5	☐	1.000		3172954.89		A	1.3
6	☐	1.000		3147184.25		A	0.5
7	☐	1.000		3122012.42		A	0.6
8	☐	1.000		3087054.54		A	1.1
9	☐	1.000		3139846.77		A	0.8

45 Sc (ISTD) [He]

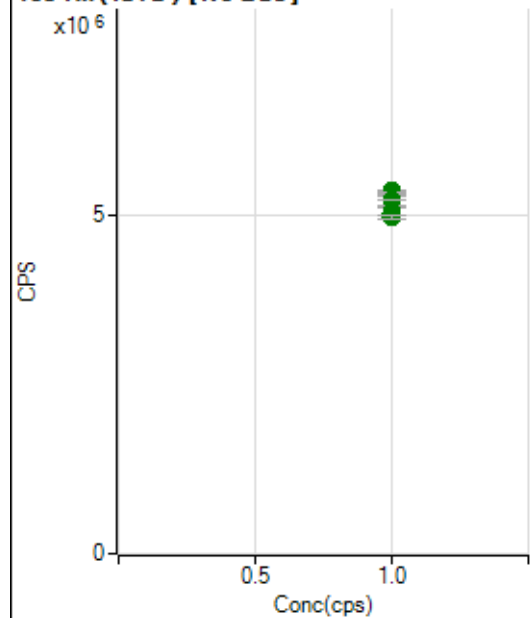
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26583.14		P	0.3
2	☐	1.000					
3	☐	1.000		25569.03		P	1.1
4	☐	1.000		25538.97		P	1.5
5	☐	1.000		25735.99		P	0.7
6	☐	1.000		24191.09		P	1.2
7	☐	1.000		23484.32		P	1.4
8	☐	1.000		23682.35		P	1.3
9	☐	1.000		23782.61		P	4.4

89 Y (ISTD) [No Gas]

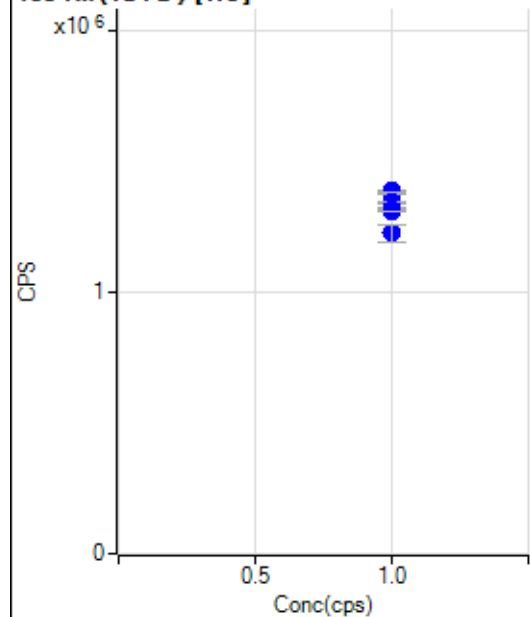
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5933205.40		A	0.7
2	☐	1.000					
3	☐	1.000		5585643.11		A	3.3
4	☐	1.000		5730956.51		A	1.3
5	☐	1.000		5949670.47		A	0.7
6	☐	1.000		5969447.90		A	0.9
7	☐	1.000		5991763.17		A	0.7
8	☐	1.000		6012043.80		A	0.9
9	☐	1.000		5913258.59		A	0.7

89 Y(ISTD) [He]

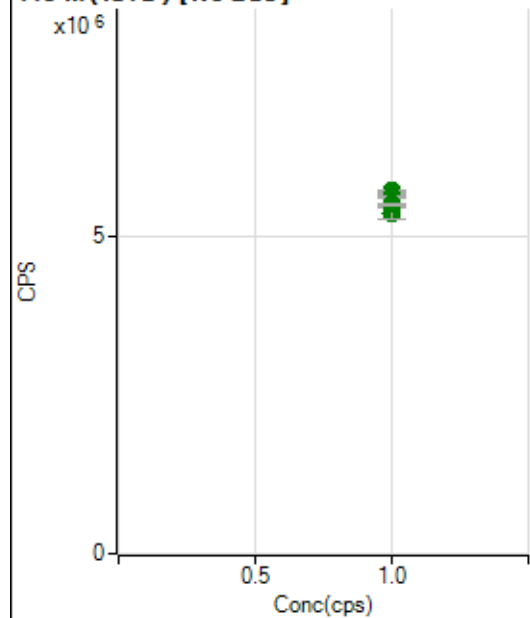
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		187701.27		P	0.5
2	☐	1.000					
3	☐	1.000		182147.92		P	0.7
4	☐	1.000		181075.83		P	0.4
5	☐	1.000		183528.61		P	0.3
6	☐	1.000		178846.62		P	0.5
7	☐	1.000		174926.40		P	1.0
8	☐	1.000		174911.93		P	0.4
9	☐	1.000		174482.79		P	4.4

103 Rh(ISTD) [No Gas]

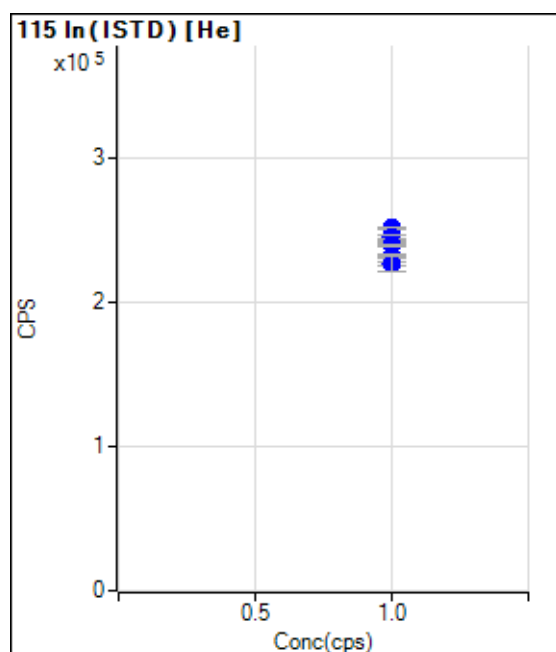
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5350725.34		A	0.5
2	☐	1.000					
3	☐	1.000		5021821.42		A	3.2
4	☐	1.000		5139415.92		A	0.2
5	☐	1.000		5297518.91		A	1.0
6	☐	1.000		5304482.11		A	0.8
7	☐	1.000		5313387.14		A	0.6
8	☐	1.000		5217666.87		A	0.4
9	☐	1.000		4965672.85		A	0.9

103 Rh (ISTD) [He]

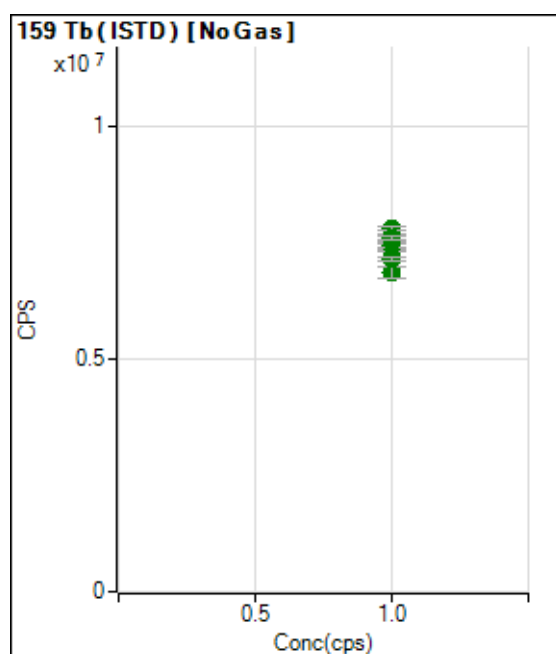
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1388573.28		P	0.3
2	☐	1.000					
3	☐	1.000		1344137.16		P	0.3
4	☐	1.000		1342813.66		P	0.4
5	☐	1.000		1377464.65		P	0.5
6	☐	1.000		1345155.38		P	0.2
7	☐	1.000		1320447.46		P	0.4
8	☐	1.000		1307205.38		P	0.1
9	☐	1.000		1226495.01		P	5.1

115 In (ISTD) [No Gas]

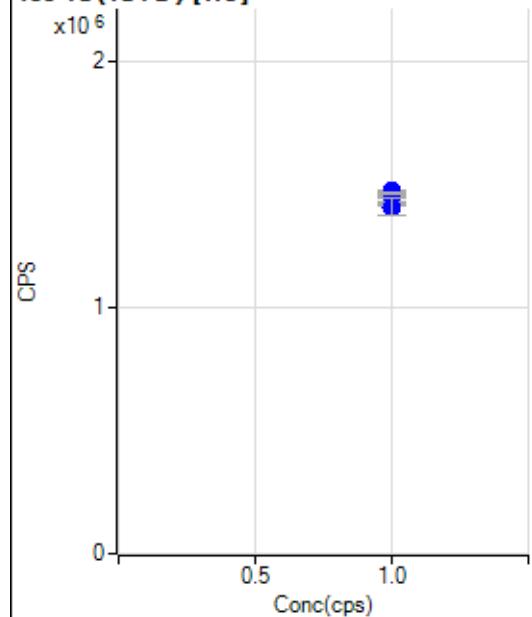
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5666972.05		A	0.9
2	☐	1.000					
3	☐	1.000		5357510.88		A	3.1
4	☐	1.000		5506466.04		A	0.1
5	☐	1.000		5718578.48		A	0.3
6	☐	1.000		5689626.19		A	0.4
7	☐	1.000		5714460.32		A	0.6
8	☐	1.000		5632401.86		A	0.5
9	☐	1.000		5506421.21		A	0.3



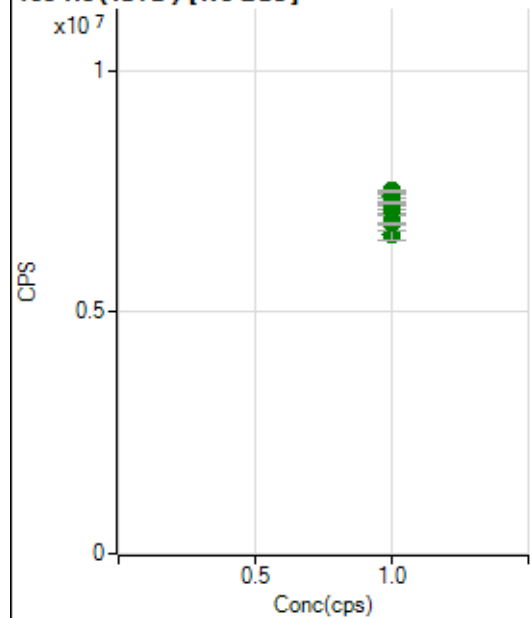
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		251883.03		P	0.4
2	☐	1.000					
3	☐	1.000		242455.61		P	0.4
4	☐	1.000		241752.94		P	0.6
5	☐	1.000		245716.34		P	1.0
6	☐	1.000		239966.15		P	0.8
7	☐	1.000		232534.06		P	0.9
8	☐	1.000		226860.96		P	1.0
9	☐	1.000		226645.49		P	4.8



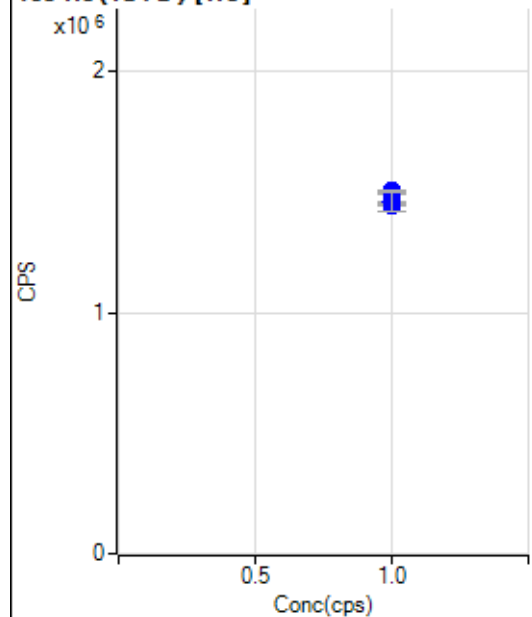
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7339260.30		A	0.8
2	☐	1.000					
3	☐	1.000		6871574.97		A	3.6
4	☐	1.000		7149660.31		A	1.4
5	☐	1.000		7435115.45		A	1.0
6	☐	1.000		7537413.50		A	0.3
7	☐	1.000		7673226.07		A	0.2
8	☐	1.000		7794390.79		A	0.9
9	☐	1.000		7598115.79		A	1.1

159 Tb (ISTD) [He]

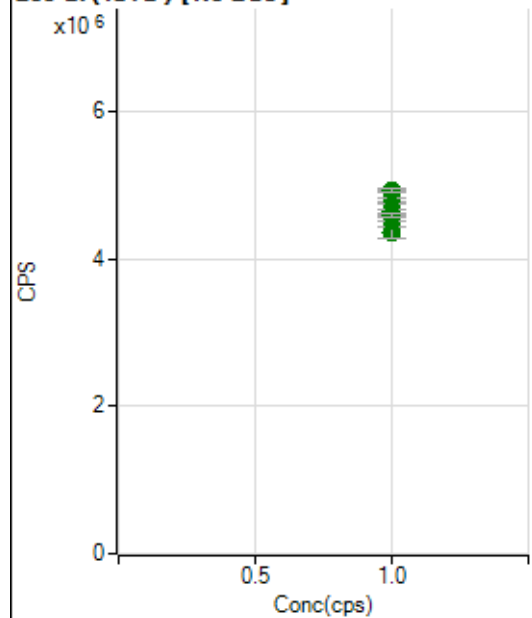
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1460909.44		P	0.4
2	☐	1.000					
3	☐	1.000		1418477.58		P	0.7
4	☐	1.000		1426030.08		P	0.5
5	☐	1.000		1476155.38		P	0.2
6	☐	1.000		1457453.15		P	0.5
7	☐	1.000		1454442.57		P	0.5
8	☐	1.000		1464134.54		P	0.5
9	☐	1.000		1411740.80		P	5.0

165 Ho (ISTD) [No Gas]

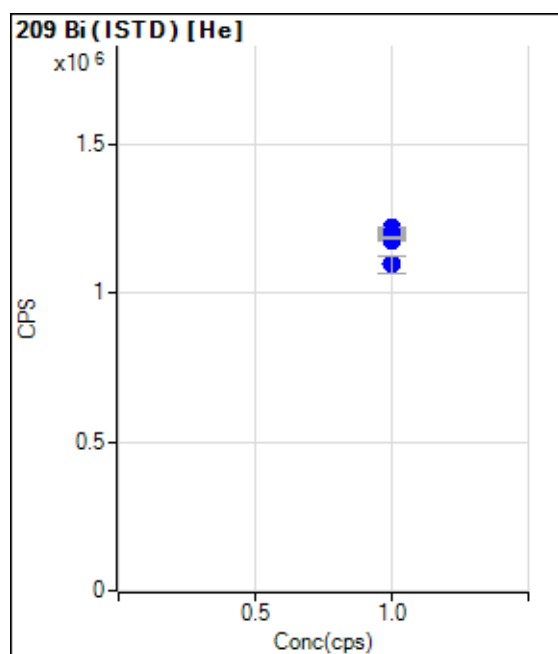
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7034860.49		A	0.7
2	☐	1.000					
3	☐	1.000		6590030.40		A	3.0
4	☐	1.000		6836387.22		A	0.3
5	☐	1.000		7124009.88		A	0.1
6	☐	1.000		7221776.12		A	0.8
7	☐	1.000		7389053.20		A	1.0
8	☐	1.000		7510432.55		A	0.6
9	☐	1.000		7266309.97		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1490400.95		P	0.3
2	☐	1.000					
3	☐	1.000		1447438.54		P	0.5
4	☐	1.000		1457818.55		P	0.5
5	☐	1.000		1503554.28		P	0.5
6	☐	1.000		1492860.32		P	0.5
7	☐	1.000		1502548.94		P	0.8
8	☐	1.000		1504826.78		P	0.3
9	☐	1.000		1456397.50		P	5.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4637944.58		A	1.3
2	☐	1.000					
3	☐	1.000		4362353.51		A	3.2
4	☐	1.000		4513467.08		A	0.1
5	☐	1.000		4759736.56		A	0.4
6	☐	1.000		4824266.98		A	0.3
7	☐	1.000		4925171.04		A	0.7
8	☐	1.000		4922897.05		A	1.0
9	☐	1.000		4586952.40		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1215767.79		P	0.8
2	☐	1.000					
3	☐	1.000		1178729.75		P	0.4
4	☐	1.000		1184498.88		P	0.3
5	☐	1.000		1218719.06		P	0.4
6	☐	1.000		1204720.82		P	0.3
7	☐	1.000		1200547.55		P	0.5
8	☐	1.000		1188271.47		P	0.5
9	☐	1.000		1095649.53		P	5.0

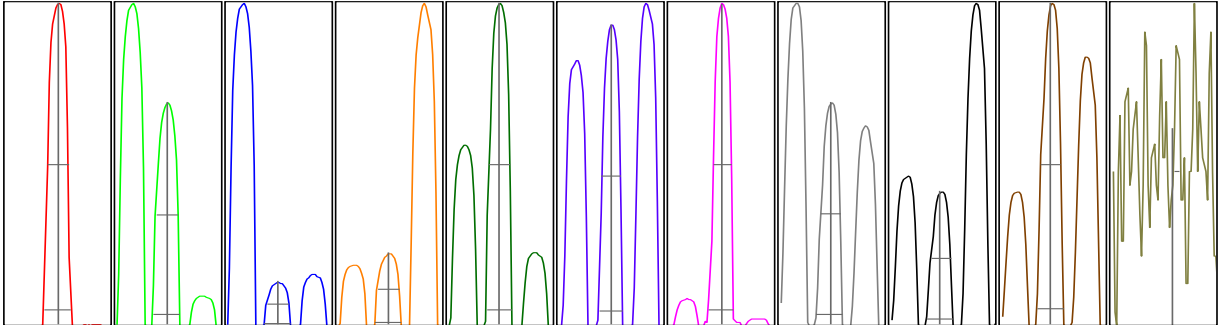
US EPA Tune Check Sample Report

Batch Folder D:\P8110217 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4141	1.43	5.00	
24	21487	1.51	5.00	
25	2892	1.71	5.00	
26	3371	1.61	5.00	
59	49950	1.51	5.00	
113	6768	0.82	5.00	
115	86649	0.96	5.00	
206	19914	1.16	5.00	
207	17961	0.93	5.00	
208	43222	1.00	5.00	
220	1	16.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4167	4186	4158	4037	4156
24	21691	21564	21602	20913	21666
25	2913	2913	2892	2808	2934
26	3406	3407	3401	3280	3361
59	50131	50234	50160	48640	50582
113	6761	6744	6821	6691	6824
115	86449	86547	86390	85815	88045
206	19827	19941	20114	19565	20121
207	17924	18008	18013	17702	18159
208	43167	43347	43630	42512	43452
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7016	9.05	8.9 - 9.1		0.774	0.900	
24	35135	24.00	23.9 - 24.1		0.781	0.900	
25	4697	25.00	24.9 - 25.1		0.743	0.900	
26	5607	26.00	25.9 - 26.1		0.741	0.900	
59	85113	59.00	58.9 - 59.1		0.738	0.900	
113	12595	113.05	112.9 - 113.1		0.689	0.900	
115	161439	115.05	114.9 - 115.1		0.720	0.900	
206	36676	206.00	205.9 - 206.1		0.739	0.900	
207	32835	206.95	206.9 - 207.1		0.755	0.900	
208	79126	207.95	207.9 - 208.1		0.765	0.900	
220	2	220.30	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	14.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6405	0.56	
89	1429	0.70	
205	9333	1.02	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6433	6448	6403	6383	6360
89	1441	1430	1415	1434	1423
205	9437	9386	9335	9322	9183

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:20:01	DataFile Name :	003CALB_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.69	2.17	0.52	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.04	0.03	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.04	-0.03	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.17	0.08	-0.25	0.00	N/A	ppb
Boron	11-1	-0.01	0.19	-0.18	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.04	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.73	0.59	0.14	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.56	-6.96	7.53	0.00	N/A	ppb
Calcium	44-1	0.07	-0.35	0.28	0.00	N/A	ppb
Chromium	52-2	0.06	-0.01	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	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	0.18	-0.21	0.03	0.00	N/A	ppb
Iron	57-2	-0.16	0.32	-0.16	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.58	0.13	0.45	0.00	N/A	ppb
Manganese	55-2	0.01	-0.03	0.02	0.00	N/A	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:20:01	DataFile Name :	003CALB_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	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	0.00	0.04	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-19.99	28.15	51.80	19.99	183.03	ppb
Potassium	39-2	-9.74	10.51	-0.77	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	-0.96	0.96	0.01	0.00	N/A	ppb
Selenium	82-1	0.25	-0.16	-0.09	0.00	N/A	ppb
Silicon	28-1	1.38	-0.71	-0.67	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	-2.31	-0.61	2.91	0.00	N/A	ppb
Strontium	86-1	0.04	-0.04	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-442.73	-616.01	-388.25	-482.33		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	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.18	0.08	0.10	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:20:01	DataFile Name :	003CALB_P8110217 M

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

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:27:10	DataFile Name :	005CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.40	18.94	24.10	19.15	25.35	ppb
Antimony	121-1	1.95	1.83	1.94	1.91	3.49	ppb
Arsenic	75-2	0.91	1.01	0.76	0.89	14.11	ppb
Barium	135-1	10.32	9.48	9.14	9.65	6.30	ppb
Barium	137-1	10.38	9.34	9.49	9.74	5.80	ppb
Beryllium	9-1	0.95	0.92	0.82	0.90	7.47	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	25.70	23.17	23.14	24.00	6.12	ppb
Boron	11-1	23.77	21.84	23.60	23.07	4.63	ppb
Cadmium	111-1	0.99	0.87	0.92	0.93	6.45	ppb
Cadmium	106-1	0.37	-0.59	0.79	0.19	364.80	ppb
Cadmium	108-1	1.19	1.06	0.96	1.07	10.50	ppb
Calcium	43-1	471.50	471.67	430.48	457.89	5.18	ppb
Calcium	44-1	485.03	447.45	439.69	457.39	5.30	ppb
Chromium	52-2	2.21	2.06	1.91	2.06	7.29	ppb
Cobalt	59-2	0.95	0.88	0.84	0.89	6.12	ppb
Copper	63-2	1.93	1.89	1.85	1.89	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				94		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	48.36	46.84	45.53	46.91	3.02	ppb
Iron	57-2	55.76	52.61	42.95	50.44	13.24	ppb
Lead	206-1	0.99	0.93	0.98	0.97	3.53	ppb
Lead	207-1	0.93	0.94	0.94	0.93	0.69	ppb
Lead	208-1	0.97	0.93	0.92	0.94	3.10	ppb
Lithium	6-1				96		%
Magnesium	24-2	475.88	456.85	457.00	463.25	2.36	ppb
Manganese	55-2	0.90	0.96	0.88	0.91	4.72	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:27:10	DataFile Name :	005CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.10	2.07	1.95	2.04	3.88	ppb
Molybdenum	95-1	4.71	4.45	4.64	4.60	2.93	ppb
Molybdenum	96-1	3.97	3.83	4.04	3.95	2.65	ppb
Molybdenum	97-1	4.82	4.30	4.20	4.44	7.45	ppb
Molybdenum	98-1	4.78	4.40	4.50	4.56	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.17	1.05	1.09	6.43	ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	499.30	482.64	492.53	491.49	1.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	11.97	3.99	173.21	ppb
Selenium	78-2	5.04	4.98	5.96	5.33	10.34	ppb
Selenium	82-1	5.56	4.88	5.70	5.38	8.20	ppb
Silicon	28-1	29.16	21.64	21.37	24.05	18.38	ppb
Silver	109-1	1.07	0.97	0.98	1.01	5.23	ppb
Silver	107-1	1.07	1.00	1.01	1.03	3.93	ppb
Sodium	23-2	470.25	443.88	473.03	462.39	3.48	ppb
Strontium	86-1	0.92	1.07	0.89	0.96	9.89	ppb
Strontium	88-1	1.05	0.89	0.91	0.95	9.23	ppb
Sulfur	34-1	976.94	291.24	178.81	482.33	89.57	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.97	0.95	0.96	0.96	1.34	ppb
Thallium	205-1	1.03	0.93	0.94	0.97	5.95	ppb
Tin	118-1	5.06	4.57	4.65	4.76	5.50	ppb
Titanium	47-1	4.70	4.76	4.79	4.75	0.90	ppb
Uranium	238-1	0.94	0.89	0.86	0.90	4.87	ppb
Vanadium	51-2	4.42	4.47	4.59	4.49	1.96	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	1.67	1.83	1.55	1.68	8.39	ppb
Zirconium	90-1	0.99	0.87	0.92	0.92	6.73	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:27:10	DataFile Name :	005CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.85	0.82	0.85	3.68	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:30:41	DataFile Name :	006CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	946.90	966.88	1034.27	982.68	4.66	ppb
Antimony	121-1	52.44	51.43	50.27	51.38	2.12	ppb
Arsenic	75-2	49.46	50.23	50.65	50.11	1.20	ppb
Barium	135-1	260.82	257.27	250.59	256.23	2.03	ppb
Barium	137-1	261.50	258.29	254.27	258.02	1.40	ppb
Beryllium	9-1	52.78	54.18	53.92	53.63	1.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	47.07	50.51	53.68	50.42	6.55	ppb
Boron	11-1	51.29	50.10	51.19	50.86	1.30	ppb
Cadmium	111-1	52.36	52.69	51.40	52.15	1.28	ppb
Cadmium	106-1	52.81	53.65	48.81	51.76	5.00	ppb
Cadmium	108-1	51.29	51.22	52.40	51.64	1.28	ppb
Calcium	43-1	5103.21	5106.81	5013.82	5074.61	1.04	ppb
Calcium	44-1	5185.24	5146.01	5079.19	5136.81	1.04	ppb
Chromium	52-2	50.56	51.48	48.82	50.28	2.69	ppb
Cobalt	59-2	50.87	51.63	49.73	50.74	1.88	ppb
Copper	63-2	100.70	100.80	99.40	100.30	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2543.60	2534.64	2469.78	2516.01	1.60	ppb
Iron	57-2	2473.40	2490.55	2450.21	2471.38	0.82	ppb
Lead	206-1	49.76	49.82	49.62	49.73	0.21	ppb
Lead	207-1	48.73	49.34	49.10	49.06	0.63	ppb
Lead	208-1	49.18	49.33	49.59	49.37	0.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	5080.19	4998.79	4932.35	5003.78	1.48	ppb
Manganese	55-2	100.97	102.34	101.20	101.50	0.72	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:30:41	DataFile Name :	006CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.93	49.67	49.62	50.07	1.49	ppb
Molybdenum	95-1	50.75	49.61	50.18	50.18	1.14	ppb
Molybdenum	96-1	49.31	47.63	48.59	48.51	1.74	ppb
Molybdenum	97-1	50.50	49.11	49.79	49.80	1.40	ppb
Molybdenum	98-1	49.35	48.10	48.53	48.66	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.03	50.66	51.70	51.13	1.03	ppb
Phosphorus	31-2	1313.13	1012.75	814.64	1046.84	23.98	ppb
Potassium	39-2	2566.19	2552.94	2419.62	2512.92	3.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	60.61	42.33	36.07	46.34	27.52	ppb
Selenium	78-2	44.16	59.08	64.67	55.97	18.94	ppb
Selenium	82-1	52.65	51.26	50.63	51.51	2.01	ppb
Silicon	28-1	66.47	67.07	66.11	66.55	0.73	ppb
Silver	109-1	53.48	52.80	52.24	52.84	1.18	ppb
Silver	107-1	53.70	53.34	52.32	53.12	1.34	ppb
Sodium	23-2	5116.17	4959.53	4921.89	4999.19	2.06	ppb
Strontium	86-1	51.16	49.56	49.54	50.09	1.85	ppb
Strontium	88-1	51.69	50.25	50.45	50.80	1.53	ppb
Sulfur	34-1	1360.40	1287.31	1330.04	1325.92	2.77	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	49.96	49.66	49.58	49.73	0.40	ppb
Thallium	205-1	50.85	50.42	49.70	50.32	1.15	ppb
Tin	118-1	51.92	51.71	50.19	51.27	1.84	ppb
Titanium	47-1	50.78	50.87	51.29	50.98	0.54	ppb
Uranium	238-1	48.42	48.29	48.19	48.30	0.23	ppb
Vanadium	51-2	50.58	49.95	48.59	49.71	2.05	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	102.88	102.22	94.57	99.89	4.62	ppb
Zirconium	90-1	51.29	49.94	49.61	50.28	1.76	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:30:41	DataFile Name :	006CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.90	48.88	49.46	49.75	2.09	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:34:12	DataFile Name :	007CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2482.74	2434.88	2416.07	2444.56	1.41	ppb
Antimony	121-1	129.82	128.69	131.87	130.12	1.24	ppb
Arsenic	75-2	132.08	126.58	129.25	129.30	2.13	ppb
Barium	135-1	646.13	638.01	657.72	647.29	1.53	ppb
Barium	137-1	651.89	648.71	668.51	656.37	1.62	ppb
Beryllium	9-1	131.31	133.13	132.28	132.24	0.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	122.50	131.90	130.60	128.34	3.97	ppb
Boron	11-1	124.72	124.73	127.48	125.64	1.26	ppb
Cadmium	111-1	131.08	129.55	131.87	130.84	0.90	ppb
Cadmium	106-1	133.61	130.31	132.16	132.03	1.26	ppb
Cadmium	108-1	134.02	133.21	132.75	133.33	0.48	ppb
Calcium	43-1	12791.80	12343.68	12438.95	12524.81	1.88	ppb
Calcium	44-1	12874.09	12603.38	12382.78	12620.09	1.95	ppb
Chromium	52-2	127.12	125.14	126.61	126.29	0.82	ppb
Cobalt	59-2	124.70	126.28	127.26	126.08	1.02	ppb
Copper	63-2	249.35	249.80	252.42	250.52	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	6257.57	6264.05	6401.29	6307.64	1.29	ppb
Iron	57-2	6154.08	6035.73	6195.61	6128.47	1.35	ppb
Lead	206-1	123.26	124.55	124.59	124.13	0.61	ppb
Lead	207-1	123.06	123.14	121.63	122.61	0.69	ppb
Lead	208-1	123.22	123.62	123.59	123.48	0.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	12321.12	12178.32	12318.20	12272.55	0.67	ppb
Manganese	55-2	247.59	249.99	252.52	250.03	0.99	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:34:12	DataFile Name :	007CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	125.02	126.26	125.33	125.54	0.52	ppb
Molybdenum	95-1	125.72	125.65	126.52	125.96	0.39	ppb
Molybdenum	96-1	122.34	123.76	122.62	122.91	0.61	ppb
Molybdenum	97-1	124.49	123.82	125.31	124.54	0.60	ppb
Molybdenum	98-1	123.01	124.65	123.78	123.81	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.59	125.84	127.63	126.35	0.88	ppb
Phosphorus	31-2	2859.18	3246.06	2550.78	2885.34	12.07	ppb
Potassium	39-2	6135.05	6203.91	6221.63	6186.86	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	178.74	125.53	83.21	129.16	37.06	ppb
Selenium	78-2	120.28	147.39	118.01	128.56	12.71	ppb
Selenium	82-1	130.86	128.40	130.29	129.85	0.99	ppb
Silicon	28-1	160.50	152.13	152.41	155.01	3.07	ppb
Silver	109-1	131.75	130.87	132.91	131.84	0.77	ppb
Silver	107-1	132.50	130.99	134.28	132.59	1.24	ppb
Sodium	23-2	12297.60	12404.57	12365.83	12356.00	0.44	ppb
Strontium	86-1	125.43	126.61	126.06	126.03	0.47	ppb
Strontium	88-1	127.01	127.89	129.74	128.21	1.09	ppb
Sulfur	34-1	3174.03	2667.66	2655.08	2832.26	10.45	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	122.69	124.78	125.23	124.23	1.09	ppb
Thallium	205-1	125.82	128.17	128.93	127.64	1.27	ppb
Tin	118-1	129.63	129.94	131.34	130.31	0.70	ppb
Titanium	47-1	128.69	125.57	124.24	126.17	1.81	ppb
Uranium	238-1	123.62	124.74	123.45	123.94	0.57	ppb
Vanadium	51-2	123.68	125.34	123.93	124.32	0.72	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	246.34	254.07	254.39	251.60	1.81	ppb
Zirconium	90-1	126.53	128.45	128.19	127.72	0.82	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:34:12	DataFile Name :	007CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.25	126.33	125.34	125.31	0.83	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:37:39	DataFile Name :	008CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4974.21	4973.86	5020.35	4989.47	0.54	ppb
Antimony	121-1	260.22	258.48	257.17	258.62	0.59	ppb
Arsenic	75-2	254.06	254.67	252.63	253.79	0.41	ppb
Barium	135-1	1304.72	1292.46	1304.37	1300.52	0.54	ppb
Barium	137-1	1305.87	1280.91	1298.19	1294.99	0.99	ppb
Beryllium	9-1	261.25	261.53	261.33	261.37	0.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	245.61	245.08	265.57	252.09	4.63	ppb
Boron	11-1	250.77	251.53	255.55	252.62	1.02	ppb
Cadmium	111-1	258.46	258.25	258.91	258.54	0.13	ppb
Cadmium	106-1	264.80	261.40	260.58	262.26	0.85	ppb
Cadmium	108-1	261.76	259.52	267.54	262.94	1.57	ppb
Calcium	43-1	25250.23	24947.02	24774.78	24990.68	0.96	ppb
Calcium	44-1	24742.00	24916.98	25008.84	24889.27	0.54	ppb
Chromium	52-2	253.84	263.01	258.29	258.38	1.78	ppb
Cobalt	59-2	254.20	260.61	258.47	257.76	1.27	ppb
Copper	63-2	510.36	521.86	513.96	515.39	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	12754.13	12912.83	12840.45	12835.80	0.62	ppb
Iron	57-2	12352.03	12700.42	12659.78	12570.74	1.52	ppb
Lead	206-1	247.18	248.59	248.34	248.03	0.30	ppb
Lead	207-1	244.93	246.03	245.43	245.46	0.22	ppb
Lead	208-1	249.52	251.82	251.68	251.00	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	24779.74	25241.59	24812.08	24944.47	1.03	ppb
Manganese	55-2	513.50	518.20	514.20	515.30	0.49	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:37:39	DataFile Name :	008CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	253.16	251.56	260.77	255.17	1.93	ppb
Molybdenum	95-1	248.67	247.57	254.19	250.14	1.42	ppb
Molybdenum	96-1	246.69	243.99	248.07	246.25	0.84	ppb
Molybdenum	97-1	246.94	247.67	250.97	248.53	0.86	ppb
Molybdenum	98-1	244.40	242.74	250.65	245.93	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.39	261.64	258.88	259.64	0.67	ppb
Phosphorus	31-2	4609.85	4712.43	5034.80	4785.69	4.63	ppb
Potassium	39-2	12530.53	12560.35	12404.34	12498.41	0.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	255.91	262.43	233.74	250.69	6.00	ppb
Selenium	78-2	243.00	269.63	247.34	253.33	5.64	ppb
Selenium	82-1	253.10	254.43	259.92	255.82	1.41	ppb
Silicon	28-1	267.59	271.42	270.01	269.67	0.72	ppb
Silver	109-1	261.29	261.74	262.32	261.78	0.20	ppb
Silver	107-1	267.20	260.07	267.86	265.04	1.63	ppb
Sodium	23-2	24983.70	25754.92	25076.80	25271.80	1.67	ppb
Strontium	86-1	247.56	248.45	252.01	249.34	0.94	ppb
Strontium	88-1	253.22	250.83	253.40	252.48	0.57	ppb
Sulfur	34-1	5314.57	4986.98	5169.93	5157.16	3.18	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	244.97	247.23	249.16	247.12	0.85	ppb
Thallium	205-1	256.04	257.64	253.70	255.79	0.77	ppb
Tin	118-1	255.36	255.18	254.93	255.16	0.08	ppb
Titanium	47-1	258.65	253.72	256.27	256.21	0.96	ppb
Uranium	238-1	246.36	246.42	245.38	246.05	0.24	ppb
Vanadium	51-2	255.15	259.63	254.68	256.49	1.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	506.60	522.98	516.38	515.32	1.60	ppb
Zirconium	90-1	252.25	249.31	254.49	252.02	1.03	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:37:39	DataFile Name :	008CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.80	245.57	253.43	249.27	1.58	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:41:01	DataFile Name :	009CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9697.37	9462.58	9650.26	9603.41	1.29	ppb
Antimony	121-1	514.25	505.97	512.45	510.89	0.85	ppb
Arsenic	75-2	501.99	500.86	501.00	501.28	0.12	ppb
Barium	135-1	2584.79	2539.54	2534.37	2552.90	1.09	ppb
Barium	137-1	2517.92	2505.56	2528.35	2517.28	0.45	ppb
Beryllium	9-1	504.97	502.42	502.47	503.29	0.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	489.49	502.00	487.50	492.99	1.59	ppb
Boron	11-1	492.39	492.13	498.42	494.32	0.72	ppb
Cadmium	111-1	506.30	502.52	506.61	505.14	0.45	ppb
Cadmium	106-1	507.45	504.53	504.88	505.62	0.31	ppb
Cadmium	108-1	508.78	517.64	511.15	512.52	0.89	ppb
Calcium	43-1	49909.71	49901.63	49319.66	49710.33	0.68	ppb
Calcium	44-1	49398.09	49596.20	49078.18	49357.49	0.53	ppb
Chromium	52-2	499.98	501.79	512.14	504.64	1.30	ppb
Cobalt	59-2	503.07	504.92	513.70	507.23	1.12	ppb
Copper	63-2	1007.01	1010.53	1028.86	1015.46	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	24912.51	25067.08	25573.02	25184.20	1.37	ppb
Iron	57-2	24241.72	24602.17	25073.78	24639.22	1.69	ppb
Lead	206-1	508.04	501.71	503.32	504.36	0.65	ppb
Lead	207-1	508.81	507.99	498.42	505.07	1.14	ppb
Lead	208-1	508.41	506.08	501.62	505.37	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	48779.85	48422.34	49462.88	48888.36	1.08	ppb
Manganese	55-2	1003.27	1002.56	1023.77	1009.87	1.19	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:41:01	DataFile Name :	009CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.67	500.39	506.49	507.18	1.41	ppb
Molybdenum	95-1	503.92	506.95	504.60	505.16	0.31	ppb
Molybdenum	96-1	508.56	500.70	508.15	505.80	0.88	ppb
Molybdenum	97-1	499.27	491.25	497.20	495.91	0.84	ppb
Molybdenum	98-1	512.71	493.48	510.94	505.71	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.36	509.32	522.41	512.03	1.82	ppb
Phosphorus	31-2	10214.07	10512.15	10599.46	10441.90	1.94	ppb
Potassium	39-2	24104.50	24062.54	24534.70	24233.91	1.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	494.90	602.29	409.44	502.21	19.24	ppb
Selenium	78-2	481.11	506.61	505.53	497.75	2.90	ppb
Selenium	82-1	504.66	504.52	505.18	504.79	0.07	ppb
Silicon	28-1	521.81	521.03	509.13	517.32	1.37	ppb
Silver	109-1	516.10	511.67	513.32	513.70	0.44	ppb
Silver	107-1	510.94	512.61	506.37	509.97	0.63	ppb
Sodium	23-2	49064.87	49700.81	50053.98	49606.55	1.01	ppb
Strontium	86-1	500.90	496.32	497.34	498.18	0.48	ppb
Strontium	88-1	500.20	493.29	497.11	496.87	0.70	ppb
Sulfur	34-1	9979.53	10032.19	9593.75	9868.49	2.43	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	503.54	508.22	496.08	502.61	1.22	ppb
Thallium	205-1	498.60	505.75	496.01	500.12	1.01	ppb
Tin	118-1	509.14	510.49	515.60	511.74	0.67	ppb
Titanium	47-1	500.18	498.76	491.99	496.97	0.88	ppb
Uranium	238-1	493.29	496.67	493.03	494.33	0.41	ppb
Vanadium	51-2	500.86	497.83	509.62	502.77	1.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	1020.44	1014.44	1027.41	1020.77	0.64	ppb
Zirconium	90-1	499.28	499.66	502.91	500.61	0.40	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:41:01	DataFile Name :	009CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.81	492.66	493.48	494.65	0.56	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:44:18	DataFile Name :	010CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19065.62	18810.85	18675.21	18850.56	1.05	ppb
Antimony	121-1	1002.73	982.98	989.36	991.69	1.02	ppb
Arsenic	75-2	1009.57	986.61	997.43	997.87	1.15	ppb
Barium	135-1	5000.91	4927.84	4944.72	4957.82	0.77	ppb
Barium	137-1	5055.03	4922.87	4949.48	4975.79	1.40	ppb
Beryllium	9-1	997.05	994.53	991.69	994.43	0.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	990.50	1004.14	1013.07	1002.57	1.13	ppb
Boron	11-1	990.27	1001.39	1014.68	1002.11	1.22	ppb
Cadmium	111-1	1004.65	981.62	997.10	994.46	1.18	ppb
Cadmium	106-1	995.34	982.52	1001.63	993.16	0.98	ppb
Cadmium	108-1	998.83	989.88	979.43	989.38	0.98	ppb
Calcium	43-1	100064.98	100613.77	103209.61	101296.12	1.66	ppb
Calcium	44-1	98675.36	99460.67	99793.84	99309.96	0.58	ppb
Chromium	52-2	996.64	1001.80	987.79	995.41	0.71	ppb
Cobalt	59-2	997.24	1003.31	982.27	994.27	1.09	ppb
Copper	63-2	1991.00	2007.80	1966.21	1988.34	1.05	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				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	50345.23	50019.85	49244.01	49869.70	1.13	ppb
Iron	57-2	48831.04	49142.60	48502.53	48825.39	0.66	ppb
Lead	206-1	994.82	990.79	1009.70	998.43	1.00	ppb
Lead	207-1	988.65	1000.66	1007.52	998.94	0.96	ppb
Lead	208-1	991.85	992.19	1007.82	997.28	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	97384.26	96942.53	95643.31	96656.70	0.94	ppb
Manganese	55-2	1989.65	1997.56	1986.27	1991.16	0.29	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:44:18	DataFile Name :	010CAL5_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	985.45	995.56	1004.17	995.06	0.94	ppb
Molybdenum	95-1	985.95	994.73	1011.09	997.26	1.28	ppb
Molybdenum	96-1	994.16	998.60	1002.37	998.38	0.41	ppb
Molybdenum	97-1	996.01	1000.89	1010.55	1002.48	0.74	ppb
Molybdenum	98-1	981.91	1005.28	1007.95	998.38	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.15	994.56	980.35	991.35	0.99	ppb
Phosphorus	31-2	20149.70	19126.42	20070.24	19782.12	2.88	ppb
Potassium	39-2	47966.59	47831.38	47204.50	47667.49	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	927.57	1046.22	1021.38	998.39	6.27	ppb
Selenium	78-2	1002.80	1016.89	978.95	999.55	1.92	ppb
Selenium	82-1	991.39	1005.58	989.43	995.47	0.89	ppb
Silicon	28-1	966.61	988.18	990.32	981.70	1.34	ppb
Silver	109-1	994.03	997.20	976.40	989.21	1.13	ppb
Silver	107-1	1002.04	987.40	981.00	990.15	1.09	ppb
Sodium	23-2	95913.20	96297.14	94976.08	95728.81	0.71	ppb
Strontium	86-1	991.52	1003.98	1007.32	1000.94	0.83	ppb
Strontium	88-1	990.97	1011.53	999.01	1000.50	1.04	ppb
Sulfur	34-1	19748.63	20136.82	20020.46	19968.64	1.00	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	990.19	995.91	1012.47	999.52	1.16	ppb
Thallium	205-1	989.04	990.74	1014.65	998.15	1.43	ppb
Tin	118-1	995.84	990.84	989.66	992.11	0.33	ppb
Titanium	47-1	996.07	1005.06	998.17	999.77	0.47	ppb
Uranium	238-1	993.61	1005.61	1012.90	1004.04	0.97	ppb
Vanadium	51-2	1003.46	999.92	987.90	997.09	0.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	2002.92	1995.66	1958.19	1985.59	1.21	ppb
Zirconium	90-1	997.45	1005.21	993.84	998.83	0.58	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:44:18	DataFile Name :	010CALS_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	986.09	1015.89	1006.51	1002.83	1.52	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CALS_P8110217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97283.93	97440.26	106090.70	100271.63	5.03	ppb
Antimony	121-1	1.17	1.17	1.27	1.20	4.74	ppb
Arsenic	75-2	0.33	0.43	0.29	0.35	20.74	ppb
Barium	135-1	1.29	1.46	1.26	1.34	7.92	ppb
Barium	137-1	1.42	1.30	1.37	1.36	4.40	ppb
Beryllium	9-1	0.32	0.23	0.25	0.27	17.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	42.39	39.43	38.85	40.22	4.73	ppb
Boron	11-1	43.11	40.99	39.87	41.32	3.97	ppb
Cadmium	111-1	0.16	0.05	0.12	0.11	52.12	ppb
Cadmium	106-1	0.21	-1.30	0.55	-0.18		ppb
Cadmium	108-1	0.24	0.09	0.32	0.21	54.95	ppb
Calcium	43-1	502069.49	494536.26	502700.91	499768.88	0.91	ppb
Calcium	44-1	503075.24	496861.47	500673.69	500203.47	0.63	ppb
Chromium	52-2	12.60	12.07	13.75	12.81	6.69	ppb
Cobalt	59-2	1.08	1.17	1.15	1.13	4.29	ppb
Copper	63-2	2.97	2.96	3.24	3.06	5.07	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				103		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	242429.99	242350.43	265187.33	249989.25	5.27	ppb
Iron	57-2	242352.20	243539.64	264920.51	250270.79	5.07	ppb
Lead	206-1	1.45	1.46	1.49	1.47	1.53	ppb
Lead	207-1	1.25	1.33	1.39	1.32	5.42	ppb
Lead	208-1	1.33	1.37	1.42	1.37	3.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	485231.21	485528.58	531605.06	500788.29	5.33	ppb
Manganese	55-2	5.62	5.33	5.38	5.44	2.85	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CAL5_P8110217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.73	0.74	0.74	0.74	0.78	ppb
Molybdenum	95-1	2.41	2.28	2.36	2.35	2.62	ppb
Molybdenum	96-1	2.30	2.15	2.14	2.20	3.95	ppb
Molybdenum	97-1	2.23	2.40	2.19	2.27	4.77	ppb
Molybdenum	98-1	2.05	1.98	2.13	2.05	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.16	9.85	11.26	10.42	7.13	ppb
Phosphorus	31-2	32.26	-19.99	-19.99	-2.57		ppb
Potassium	39-2	241693.72	243966.29	265973.96	250544.66	5.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	1.07	2.32	1.14	99.55	ppb
Selenium	82-1	0.79	0.07	0.63	0.50	75.46	ppb
Silicon	28-1	156.88	163.64	175.34	165.29	5.65	ppb
Silver	109-1	0.08	0.09	0.10	0.09	6.31	ppb
Silver	107-1	0.10	0.13	0.08	0.10	22.40	ppb
Sodium	23-2	486563.16	487306.95	528780.80	500883.64	4.82	ppb
Strontium	86-1	34.11	35.86	34.73	34.90	2.54	ppb
Strontium	88-1	35.34	35.46	35.28	35.36	0.26	ppb
Sulfur	34-1	-974.32	-922.10	-592.91	-829.78		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.38	0.34	0.39	0.37	6.85	ppb
Thallium	205-1	0.38	0.36	0.33	0.36	6.09	ppb
Tin	118-1	0.95	0.84	0.91	0.90	6.41	ppb
Titanium	47-1	0.69	0.66	0.63	0.66	4.95	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	6.36	ppb
Vanadium	51-2	0.18	0.19	0.16	0.18	8.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	6.72	7.20	6.74	6.89	3.93	ppb
Zirconium	90-1	0.08	0.08	0.10	0.09	10.26	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CALS_P8110217 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.12	0.08	0.10	19.40	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:06:36	DataFile Name :	015ICV_P8110217 MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	476.55	452.10	455.45	461.36	2.87	ppb
Antimony	121-1	194.75	194.86	194.06	194.56	0.22	ppb
Arsenic	75-2	198.61	193.85	195.86	196.11	1.22	ppb
Barium	135-1	97.58	99.35	98.62	98.52	0.90	ppb
Barium	137-1	98.05	99.81	99.12	98.99	0.90	ppb
Beryllium	9-1	95.18	97.21	94.76	95.72	1.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	586.25	574.31	579.92	580.16	1.03	ppb
Boron	11-1	579.58	588.68	584.59	584.28	0.78	ppb
Cadmium	111-1	101.90	100.84	102.21	101.65	0.70	ppb
Cadmium	106-1	156.91	153.71	154.90	155.17	1.04	ppb
Cadmium	108-1	132.48	138.19	128.40	133.02	3.70	ppb
Calcium	43-1	2054.08	1995.42	2103.71	2051.07	2.64	ppb
Calcium	44-1	1995.41	1990.38	2017.44	2001.08	0.72	ppb
Chromium	52-2	95.87	94.28	93.81	94.65	1.14	ppb
Cobalt	59-2	98.01	97.17	96.75	97.31	0.66	ppb
Copper	63-2	98.31	97.83	95.48	97.21	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	963.31	958.64	956.11	959.35	0.38	ppb
Iron	57-2	958.82	959.68	937.70	952.07	1.31	ppb
Lead	206-1	195.13	196.03	195.20	195.46	0.26	ppb
Lead	207-1	184.65	184.92	184.88	184.82	0.08	ppb
Lead	208-1	194.16	195.21	191.33	193.57	1.04	ppb
Lithium	6-1				106		%
Magnesium	24-2	1122.50	1191.51	1108.10	1140.70	3.91	ppb
Manganese	55-2	96.42	94.83	94.88	95.38	0.95	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:06:36	DataFile Name :	015ICV_P8110217 MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	489.56	482.87	483.23	485.22	0.78	ppb
Molybdenum	95-1	493.44	492.63	479.36	488.48	1.62	ppb
Molybdenum	96-1	482.40	484.07	483.41	483.29	0.17	ppb
Molybdenum	97-1	477.05	474.52	473.67	475.08	0.37	ppb
Molybdenum	98-1	485.52	488.00	480.53	484.68	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.31	97.00	97.30	97.87	1.28	ppb
Phosphorus	31-2	5.34	-19.99	-19.99	-11.54		ppb
Potassium	39-2	1889.97	1798.35	1899.80	1862.71	3.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	258.21	167.93	192.79	206.31	22.61	ppb
Selenium	78-2	190.78	214.34	188.42	197.85	7.24	ppb
Selenium	82-1	196.41	196.21	195.13	195.92	0.35	ppb
Silicon	28-1	465.49	467.54	473.61	468.88	0.90	ppb
Silver	109-1	98.24	100.74	99.52	99.50	1.25	ppb
Silver	107-1	100.51	100.42	100.93	100.62	0.27	ppb
Sodium	23-2	1917.20	1901.22	1844.18	1887.53	2.03	ppb
Strontium	86-1	484.81	480.37	474.19	479.79	1.11	ppb
Strontium	88-1	487.09	485.74	481.21	484.68	0.64	ppb
Sulfur	34-1	-1439.51	-1567.34	-1441.44	-1482.76		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	195.06	198.49	197.61	197.05	0.90	ppb
Thallium	205-1	204.10	204.92	207.05	205.36	0.74	ppb
Tin	118-1	509.19	512.71	504.86	508.92	0.77	ppb
Titanium	47-1	486.31	480.50	484.65	483.82	0.62	ppb
Uranium	238-1	513.31	514.44	509.91	512.55	0.46	ppb
Vanadium	51-2	97.84	95.57	95.64	96.35	1.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	197.73	195.92	191.11	194.92	1.76	ppb
Zirconium	90-1	483.80	476.94	476.53	479.09	0.85	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:06:36	DataFile Name :	015ICV_P8110217 MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	475.87	472.48	467.69	472.02	0.87	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.91	-4.19	-0.91	-0.73		ppb
Antimony	121-1	0.12	0.14	0.12	0.12	8.13	ppb
Arsenic	75-2	0.03	-0.04	-0.04	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.01	83.29	ppb
Beryllium	9-1	0.08	0.06	0.09	0.08	16.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	12.64	12.55	12.67	12.62	0.47	ppb
Boron	11-1	13.24	12.54	11.40	12.40	7.49	ppb
Cadmium	111-1	-0.02	-0.07	-0.05	-0.05		ppb
Cadmium	106-1	-0.38	-1.00	-0.65	-0.68		ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	2.00	ppb
Calcium	43-1	-14.55	-25.99	-16.98	-19.17		ppb
Calcium	44-1	-4.96	-3.07	-4.29	-4.11		ppb
Chromium	52-2	-0.04	0.06	-0.01	0.00	1055.01	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	48.59	ppb
Copper	63-2	0.01	0.02	-0.01	0.00	357.10	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				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	0.59	0.08	0.13	0.27	107.33	ppb
Iron	57-2	0.15	1.52	-1.95	-0.09		ppb
Lead	206-1	0.06	0.05	0.05	0.05	9.37	ppb
Lead	207-1	0.05	0.07	0.03	0.05	43.91	ppb
Lead	208-1	0.05	0.05	0.04	0.05	15.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.13	-0.35	0.25	0.01	2818.07	ppb
Manganese	55-2	-0.11	0.00	-0.06	-0.06		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.03	0.03	15.20	ppb
Molybdenum	95-1	0.05	0.02	0.04	0.04	33.38	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.03	38.07	ppb
Molybdenum	97-1	0.04	0.02	0.01	0.02	81.78	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	19.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.03	0.00	-0.02		ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	14.91	16.11	-22.95	2.69	824.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	6.02	2.01	173.21	ppb
Selenium	78-2	1.03	-0.96	2.03	0.70	218.06	ppb
Selenium	82-1	1.17	0.36	-0.22	0.44	159.48	ppb
Silicon	28-1	-14.27	-13.91	-13.29	-13.82		ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.44	ppb
Silver	107-1	0.01	0.02	0.01	0.02	15.28	ppb
Sodium	23-2	34.23	36.23	30.73	33.73	8.25	ppb
Strontium	86-1	-0.02	-0.05	0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1407.61	-1336.30	-1298.31	-1347.41		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.05	0.06	10.79	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.31	ppb
Tin	118-1	0.09	0.07	0.07	0.08	20.29	ppb
Titanium	47-1	0.08	0.00	0.00	0.02	209.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	63.91	ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.07	-0.01	-0.08	-0.01		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	38.32	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.02	0.01	79.20	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:12:54 DataFile Name : 017ICSA_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88441.28	87547.81	85818.71	87269.27	1.53	ppb
Antimony	121-1	1.16	1.14	1.13	1.14	1.11	ppb
Arsenic	75-2	0.19	0.50	0.23	0.31	55.18	ppb
Barium	135-1	1.47	1.55	1.57	1.53	3.44	ppb
Barium	137-1	1.53	1.44	1.45	1.47	3.47	ppb
Beryllium	9-1	0.29	0.36	0.35	0.33	11.62	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	12.74	10.37	11.82	11.65	10.24	ppb
Boron	11-1	12.34	12.69	11.00	12.01	7.45	ppb
Cadmium	111-1	0.18	0.26	0.26	0.23	19.64	ppb
Cadmium	106-1	-1.12	-0.70	-0.18	-0.67		ppb
Cadmium	108-1	7.13	6.48	7.76	7.12	8.94	ppb
Calcium	43-1	99041.58	98039.84	99185.08	98755.50	0.63	ppb
Calcium	44-1	96757.77	94205.06	98157.37	96373.40	2.08	ppb
Chromium	52-2	20.03	19.97	20.26	20.09	0.74	ppb
Cobalt	59-2	1.17	1.22	1.08	1.16	5.97	ppb
Copper	63-2	7.58	7.68	7.61	7.62	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	98442.33	97103.35	96502.77	97349.48	1.02	ppb
Iron	57-2	95938.43	94955.56	93913.89	94935.96	1.07	ppb
Lead	206-1	5.14	4.94	5.04	5.04	1.94	ppb
Lead	207-1	4.49	4.26	4.33	4.36	2.75	ppb
Lead	208-1	4.69	4.56	4.61	4.62	1.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	95312.87	95064.02	92900.51	94425.80	1.41	ppb
Manganese	55-2	8.05	7.21	6.88	7.38	8.15	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:12:54	DataFile Name :	017ICSA_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	589.33	585.12	588.99	587.81	0.40	ppb
Molybdenum	95-1	1900.50	1911.54	1905.00	1905.68	0.29	ppb
Molybdenum	96-1	1577.73	1578.48	1588.20	1581.47	0.37	ppb
Molybdenum	97-1	1906.59	1915.02	1922.23	1914.61	0.41	ppb
Molybdenum	98-1	1898.03	1879.13	1910.13	1895.77	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.31	5.32	5.37	1.74	ppb
Phosphorus	31-2	97657.35	98034.45	96140.80	97277.53	1.03	ppb
Potassium	39-2	97650.04	95987.53	95894.66	96510.74	1.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	5.93	0.00	1.98	173.21	ppb
Selenium	78-2	1.01	0.02	2.95	1.33	112.41	ppb
Selenium	82-1	0.72	0.17	-0.10	0.26	159.28	ppb
Silicon	28-1	23.86	20.28	24.41	22.85	9.81	ppb
Silver	109-1	0.13	0.14	0.17	0.15	13.54	ppb
Silver	107-1	0.12	0.13	0.15	0.14	11.40	ppb
Sodium	23-2	95624.76	95406.01	93653.65	94894.81	1.14	ppb
Strontium	86-1	33.47	33.30	33.40	33.39	0.25	ppb
Strontium	88-1	34.18	34.00	34.26	34.15	0.40	ppb
Sulfur	34-1	90481.78	87893.41	89436.09	89270.43	1.46	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.14	0.16	0.15	8.37	ppb
Thallium	205-1	0.12	0.15	0.14	0.14	9.56	ppb
Tin	118-1	0.20	0.18	0.17	0.18	9.65	ppb
Titanium	47-1	1992.06	1932.39	1952.42	1958.96	1.55	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	18.78	ppb
Vanadium	51-2	0.18	0.15	0.13	0.16	16.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.33	11.50	11.29	11.38	0.97	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	14.28	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:12:54	DataFile Name :	017ICSA_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.08	0.07	21.98	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:16:02 DataFile Name : 018ICSB_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85283.52	87211.45	84830.73	85775.23	1.47	ppb
Antimony	121-1	20.70	20.99	20.99	20.89	0.81	ppb
Arsenic	75-2	18.95	20.34	18.55	19.28	4.87	ppb
Barium	135-1	21.92	22.15	21.82	21.96	0.79	ppb
Barium	137-1	21.46	21.66	22.18	21.77	1.72	ppb
Beryllium	9-1	21.15	20.03	20.36	20.51	2.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	50.29	50.17	48.93	49.80	1.51	ppb
Boron	11-1	46.65	47.23	49.32	47.73	2.94	ppb
Cadmium	111-1	19.95	20.30	20.07	20.11	0.89	ppb
Cadmium	106-1	21.36	20.34	21.39	21.03	2.86	ppb
Cadmium	108-1	28.77	25.07	27.93	27.26	7.11	ppb
Calcium	43-1	96530.86	96646.25	97218.66	96798.59	0.38	ppb
Calcium	44-1	94673.39	96059.86	95589.32	95440.86	0.74	ppb
Chromium	52-2	38.03	39.91	38.45	38.80	2.55	ppb
Cobalt	59-2	21.05	21.26	20.59	20.97	1.64	ppb
Copper	63-2	27.20	27.09	26.98	27.09	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	94957.17	97363.75	95121.61	95814.18	1.40	ppb
Iron	57-2	92745.03	95295.33	93543.52	93861.30	1.39	ppb
Lead	206-1	25.40	25.40	24.96	25.25	0.99	ppb
Lead	207-1	22.93	22.99	22.86	22.93	0.29	ppb
Lead	208-1	24.09	23.91	23.57	23.86	1.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	94074.08	94874.02	93454.22	94134.11	0.76	ppb
Manganese	55-2	26.73	27.53	26.33	26.87	2.27	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:16:02	DataFile Name :	018ICSB_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	621.25	624.45	619.43	621.71	0.41	ppb
Molybdenum	95-1	1961.07	1935.16	1913.32	1936.52	1.23	ppb
Molybdenum	96-1	1619.21	1600.05	1604.79	1608.02	0.62	ppb
Molybdenum	97-1	1935.03	1934.70	1924.34	1931.36	0.31	ppb
Molybdenum	98-1	1903.75	1941.78	1914.78	1920.10	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.64	25.24	24.43	24.77	1.68	ppb
Phosphorus	31-2	94886.55	99330.43	91722.54	95313.17	4.01	ppb
Potassium	39-2	94948.41	96217.49	94958.76	95374.89	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	17.64	23.61	35.45	25.57	35.46	ppb
Selenium	78-2	20.43	19.55	18.59	19.53	4.73	ppb
Selenium	82-1	19.63	20.04	20.49	20.05	2.16	ppb
Silicon	28-1	62.00	66.16	64.60	64.25	3.27	ppb
Silver	109-1	19.24	19.25	19.27	19.25	0.08	ppb
Silver	107-1	19.31	19.02	19.15	19.16	0.76	ppb
Sodium	23-2	92582.27	94469.92	91986.54	93012.91	1.39	ppb
Strontium	86-1	69.95	69.55	68.77	69.42	0.86	ppb
Strontium	88-1	70.52	70.60	69.59	70.23	0.80	ppb
Sulfur	34-1	86525.76	87399.72	88189.39	87371.62	0.95	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	20.74	20.30	20.52	20.52	1.08	ppb
Thallium	205-1	21.02	20.56	20.36	20.64	1.64	ppb
Tin	118-1	36.65	36.80	37.41	36.95	1.09	ppb
Titanium	47-1	1980.16	1975.76	1981.77	1979.23	0.16	ppb
Uranium	238-1	36.85	36.51	36.47	36.61	0.58	ppb
Vanadium	51-2	19.68	20.45	19.68	19.94	2.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	30.28	31.13	29.86	30.42	2.14	ppb
Zirconium	90-1	36.69	36.70	36.30	36.56	0.62	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:16:02	DataFile Name :	018ICSB_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	37.42	35.86	35.38	36.22	2.94	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47980.36	50071.55	47926.33	48659.41	2.51	ppb
Antimony	121-1	502.67	509.79	510.02	507.49	0.82	ppb
Arsenic	75-2	501.77	533.71	500.20	511.89	3.69	ppb
Barium	135-1	2555.62	2567.76	2569.01	2564.13	0.29	ppb
Barium	137-1	2526.78	2538.74	2563.43	2542.98	0.73	ppb
Beryllium	9-1	509.86	510.69	508.67	509.74	0.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	495.26	504.72	512.94	504.31	1.75	ppb
Boron	11-1	491.05	513.14	515.71	506.63	2.68	ppb
Cadmium	111-1	488.44	495.75	498.96	494.39	1.09	ppb
Cadmium	106-1	494.49	514.84	503.11	504.15	2.03	ppb
Cadmium	108-1	499.38	505.59	497.63	500.87	0.84	ppb
Calcium	43-1	252401.14	256840.10	256476.72	255239.32	0.97	ppb
Calcium	44-1	252238.81	251554.97	253728.75	252507.51	0.44	ppb
Chromium	52-2	512.73	524.39	499.22	512.11	2.46	ppb
Cobalt	59-2	494.15	506.70	485.76	495.53	2.13	ppb
Copper	63-2	962.20	985.84	946.14	964.73	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				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	121555.64	123348.46	118519.52	121141.21	2.02	ppb
Iron	57-2	119342.61	121961.04	116806.48	119370.04	2.16	ppb
Lead	206-1	505.76	506.33	508.79	506.96	0.32	ppb
Lead	207-1	516.89	506.33	508.20	510.48	1.10	ppb
Lead	208-1	514.19	507.04	511.71	510.98	0.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	256427.97	259188.93	247957.12	254524.67	2.30	ppb
Manganese	55-2	1015.06	1039.16	997.37	1017.20	2.06	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.61	510.57	517.34	510.51	1.34	ppb
Molybdenum	95-1	505.11	510.22	514.07	509.80	0.88	ppb
Molybdenum	96-1	506.90	514.42	514.17	511.83	0.83	ppb
Molybdenum	97-1	492.87	497.54	497.51	495.97	0.54	ppb
Molybdenum	98-1	506.14	508.51	507.34	507.33	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.71	501.23	486.76	491.90	1.64	ppb
Phosphorus	31-2	9865.80	10888.73	9857.04	10203.86	5.81	ppb
Potassium	39-2	126342.62	127941.10	123011.75	125765.15	2.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	461.79	610.18	479.48	517.15	15.67	ppb
Selenium	78-2	519.78	535.35	475.01	510.05	6.14	ppb
Selenium	82-1	488.21	499.71	499.15	495.69	1.31	ppb
Silicon	28-1	521.50	526.75	540.36	529.54	1.84	ppb
Silver	109-1	492.40	501.00	507.25	500.22	1.49	ppb
Silver	107-1	499.03	502.58	502.62	501.41	0.41	ppb
Sodium	23-2	241890.18	247987.74	238644.92	242840.95	1.95	ppb
Strontium	86-1	508.38	518.58	513.11	513.35	0.99	ppb
Strontium	88-1	511.81	522.68	518.80	517.76	1.06	ppb
Sulfur	34-1	9317.17	9632.57	9891.47	9613.74	2.99	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	509.29	509.70	509.49	509.49	0.04	ppb
Thallium	205-1	507.77	504.99	507.98	506.91	0.33	ppb
Tin	118-1	516.57	516.93	518.39	517.29	0.19	ppb
Titanium	47-1	498.90	504.63	507.65	503.73	0.88	ppb
Uranium	238-1	507.69	507.77	505.30	506.92	0.28	ppb
Vanadium	51-2	513.23	521.86	497.81	510.97	2.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	988.80	999.39	965.33	984.51	1.77	ppb
Zirconium	90-1	497.77	505.38	502.00	501.72	0.76	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.94	497.28	501.15	497.13	0.83	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P8
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:22:11	DataFile Name :	020CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	-5.90	1.32	-1.74		ppb
Antimony	121-1	0.23	0.27	0.25	0.25	6.69	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	1464.64	ppb
Barium	135-1	0.03	0.03	0.00	0.02	96.06	ppb
Barium	137-1	0.01	0.01	0.01	0.01	13.37	ppb
Beryllium	9-1	0.13	0.10	0.15	0.13	21.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	20.16	21.71	19.48	20.45	5.58	ppb
Boron	11-1	21.46	18.31	17.79	19.19	10.35	ppb
Cadmium	111-1	-0.05	0.04	-0.05	-0.02		ppb
Cadmium	106-1	-1.42	-0.27	-1.05	-0.91		ppb
Cadmium	108-1	0.05	0.01	0.05	0.04	58.02	ppb
Calcium	43-1	-16.15	-18.52	-25.46	-20.04		ppb
Calcium	44-1	1.71	2.58	1.20	1.83	38.18	ppb
Chromium	52-2	0.11	0.07	0.17	0.12	38.58	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.11	0.08	0.11	0.10	17.52	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				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1.97	1.81	1.61	1.80	9.91	ppb
Iron	57-2	0.64	2.20	2.31	1.72	54.22	ppb
Lead	206-1	0.13	0.10	0.10	0.11	13.52	ppb
Lead	207-1	0.10	0.06	0.13	0.10	32.34	ppb
Lead	208-1	0.11	0.09	0.10	0.10	12.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.87	1.29	-0.54	0.54	177.49	ppb
Manganese	55-2	-0.09	-0.07	-0.05	-0.07		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P8
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:22:11	DataFile Name :	020CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.06	0.05	24.98	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	14.93	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	16.74	ppb
Molybdenum	97-1	0.07	0.10	0.05	0.07	31.10	ppb
Molybdenum	98-1	0.07	0.09	0.10	0.09	17.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.01	0.02	0.03	127.35	ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	38.68	37.77	32.96	36.47	8.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	1.07	3.11	1.41	110.94	ppb
Selenium	82-1	0.97	-0.48	-0.45	0.01	6308.63	ppb
Silicon	28-1	-13.70	-13.83	-15.25	-14.26		ppb
Silver	109-1	0.03	0.05	0.05	0.04	15.77	ppb
Silver	107-1	0.04	0.06	0.05	0.05	16.29	ppb
Sodium	23-2	88.75	89.77	86.29	88.27	2.03	ppb
Strontium	86-1	-0.04	0.01	0.03	0.00	3128.91	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-941.57	-998.05	-1115.28	-1018.30		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.11	0.13	0.12	11.61	ppb
Thallium	205-1	0.13	0.14	0.11	0.13	10.69	ppb
Tin	118-1	0.08	0.04	0.04	0.05	41.27	ppb
Titanium	47-1	0.00	0.02	0.06	0.02	128.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.30	ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.19	0.01	0.11	0.10	90.80	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	44.12	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P8
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:22:11	DataFile Name :	020CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	26.74	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:25:23 DataFile Name : 021SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.50	8.33	22.67	16.17	44.93	ppb
Antimony	121-1	2.00	1.86	1.87	1.91	3.96	ppb
Arsenic	75-2	1.01	0.91	0.79	0.90	12.17	ppb
Barium	135-1	9.29	9.22	8.75	9.09	3.23	ppb
Barium	137-1	9.34	9.22	9.41	9.32	1.01	ppb
Beryllium	9-1	0.98	1.03	1.04	1.01	3.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	29.88	31.30	34.60	31.93	7.59	ppb
Boron	11-1	30.27	32.01	30.77	31.02	2.89	ppb
Cadmium	111-1	0.95	0.83	0.89	0.89	6.74	ppb
Cadmium	106-1	1.03	0.06	-0.19	0.30	215.38	ppb
Cadmium	108-1	0.75	1.05	1.20	1.00	22.80	ppb
Calcium	43-1	428.02	414.03	423.04	421.70	1.68	ppb
Calcium	44-1	435.17	434.78	425.20	431.72	1.31	ppb
Chromium	52-2	2.00	2.09	1.79	1.96	7.65	ppb
Cobalt	59-2	0.98	0.96	0.91	0.95	4.12	ppb
Copper	63-2	1.95	1.84	1.96	1.92	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	49.04	47.74	46.85	47.88	2.31	ppb
Iron	57-2	39.94	42.49	46.77	43.06	8.02	ppb
Lead	206-1	0.97	1.00	1.04	1.00	3.32	ppb
Lead	207-1	0.97	0.99	0.99	0.98	1.47	ppb
Lead	208-1	0.99	0.97	1.01	0.99	2.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	453.39	433.61	461.70	449.57	3.21	ppb
Manganese	55-2	0.85	0.74	1.01	0.87	15.64	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:25:23 DataFile Name : 021SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.15	2.03	1.95	2.04	4.75	ppb
Molybdenum	95-1	4.37	4.53	4.36	4.42	2.08	ppb
Molybdenum	96-1	3.62	3.78	3.72	3.71	2.18	ppb
Molybdenum	97-1	4.50	4.30	4.62	4.47	3.59	ppb
Molybdenum	98-1	4.54	4.32	4.33	4.40	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.96	1.10	0.96	14.22	ppb
Phosphorus	31-2	6.84	-19.99	33.30	6.72	396.58	ppb
Potassium	39-2	487.50	468.45	478.44	478.13	1.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	6.23	0.00	0.00	2.08	173.21	ppb
Selenium	78-2	5.22	7.28	5.18	5.89	20.32	ppb
Selenium	82-1	5.04	5.48	4.75	5.09	7.18	ppb
Silicon	28-1	0.69	-0.07	3.21	1.28	134.61	ppb
Silver	109-1	1.04	0.97	0.96	0.99	4.45	ppb
Silver	107-1	0.94	1.04	0.92	0.97	6.82	ppb
Sodium	23-2	530.44	506.75	501.37	512.85	3.02	ppb
Strontium	86-1	0.88	0.96	0.95	0.93	4.59	ppb
Strontium	88-1	0.95	0.91	0.91	0.92	2.30	ppb
Sulfur	34-1	-846.21	-1144.41	-803.02	-931.21		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1.00	0.92	0.92	0.95	4.65	ppb
Thallium	205-1	0.96	0.97	0.97	0.97	0.55	ppb
Tin	118-1	4.78	4.57	4.59	4.64	2.54	ppb
Titanium	47-1	4.56	4.43	3.99	4.32	6.85	ppb
Uranium	238-1	0.86	0.87	0.85	0.86	1.06	ppb
Vanadium	51-2	4.49	4.53	4.63	4.55	1.61	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	2.19	1.97	2.07	2.08	5.32	ppb
Zirconium	90-1	0.87	0.92	0.90	0.90	3.03	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:25:23	DataFile Name :	021SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.78	0.92	0.86	8.26	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103923BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:28:34 DataFile Name : 022CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.14	-4.17	-4.16	-4.15		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	18.77	ppb
Arsenic	75-2	-0.01	0.01	-0.04	-0.01		ppb
Barium	135-1	0.01	0.02	-0.01	0.00	321.09	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.07	0.01	0.05	0.04	75.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	8.93	8.68	9.66	9.09	5.57	ppb
Boron	11-1	8.41	8.11	9.00	8.51	5.33	ppb
Cadmium	111-1	0.02	-0.03	0.01	0.00	1836.60	ppb
Cadmium	106-1	0.26	-0.49	-0.02	-0.08		ppb
Cadmium	108-1	0.09	-0.03	0.02	0.03	219.72	ppb
Calcium	43-1	-25.93	-24.68	-17.56	-22.72		ppb
Calcium	44-1	-4.30	-2.93	5.36	-0.62		ppb
Chromium	52-2	0.12	0.05	0.03	0.07	72.87	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.04	0.04	11.44	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				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.42	0.13	0.26	0.27	54.45	ppb
Iron	57-2	0.15	-0.90	-1.88	-0.88		ppb
Lead	206-1	0.07	0.08	0.06	0.07	20.33	ppb
Lead	207-1	0.05	0.06	0.08	0.06	18.95	ppb
Lead	208-1	0.06	0.05	0.06	0.06	8.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.88	0.44	1.94	1.09	71.32	ppb
Manganese	55-2	-0.11	-0.13	-0.11	-0.12		ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103923BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:28:34 DataFile Name : 022CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	87.65	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	56.79	ppb
Molybdenum	96-1	0.03	0.01	0.05	0.03	68.01	ppb
Molybdenum	97-1	0.00	0.01	0.05	0.02	140.95	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	45.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	6.24	-19.99	-19.99	-11.24		ppb
Potassium	39-2	12.01	0.24	16.69	9.65	87.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.02	0.02	-0.96	0.03	3845.92	ppb
Selenium	82-1	0.41	0.06	0.28	0.25	69.21	ppb
Silicon	28-1	-14.26	-16.28	-0.26	-10.27		ppb
Silver	109-1	0.01	0.01	0.02	0.01	32.18	ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.62	ppb
Sodium	23-2	58.81	46.71	51.11	52.21	11.73	ppb
Strontium	86-1	-0.02	-0.01	0.07	0.01	354.09	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1074.68	-1309.04	946.91	-478.94		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.04	0.03	22.53	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	23.45	ppb
Tin	118-1	0.02	0.05	0.02	0.03	49.67	ppb
Titanium	47-1	-0.04	-0.06	0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	0.01	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.16	-0.13	-0.03	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:28:34	DataFile Name :	022CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	160.18	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:31:45	DataFile Name :	023LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.85	51.41	37.19	43.15	17.12	ppb
Antimony	121-1	3.96	3.88	4.02	3.95	1.86	ppb
Arsenic	75-2	1.88	1.79	1.88	1.85	2.99	ppb
Barium	135-1	19.51	19.30	19.62	19.48	0.83	ppb
Barium	137-1	19.17	19.22	19.30	19.23	0.34	ppb
Beryllium	9-1	2.12	2.00	1.98	2.03	3.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	49.94	51.80	53.27	51.67	3.23	ppb
Boron	11-1	49.13	50.54	51.57	50.41	2.43	ppb
Cadmium	111-1	1.97	1.91	1.83	1.90	3.65	ppb
Cadmium	106-1	1.16	0.87	1.52	1.18	27.57	ppb
Cadmium	108-1	2.56	2.25	1.22	2.01	34.96	ppb
Calcium	43-1	874.67	938.48	900.95	904.70	3.54	ppb
Calcium	44-1	904.34	936.74	916.25	919.11	1.78	ppb
Chromium	52-2	4.06	4.42	4.23	4.24	4.19	ppb
Cobalt	59-2	2.08	2.01	2.04	2.04	1.57	ppb
Copper	63-2	4.04	4.26	3.98	4.09	3.62	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	408.72	418.53	412.19	413.15	1.20	ppb
Iron	57-2	418.88	411.73	407.07	412.56	1.44	ppb
Lead	206-1	1.95	1.96	1.92	1.94	0.98	ppb
Lead	207-1	1.90	1.99	2.04	1.98	3.60	ppb
Lead	208-1	1.92	1.98	1.95	1.95	1.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	923.08	921.15	963.43	935.89	2.55	ppb
Manganese	55-2	2.34	2.09	1.84	2.09	12.13	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:31:45	DataFile Name :	023LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.26	4.22	4.20	4.23	0.80	ppb
Molybdenum	95-1	9.46	9.40	9.52	9.46	0.63	ppb
Molybdenum	96-1	7.94	7.78	7.86	7.86	1.03	ppb
Molybdenum	97-1	9.40	9.56	9.10	9.35	2.52	ppb
Molybdenum	98-1	9.30	9.23	9.25	9.26	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	2.30	2.14	2.13	8.16	ppb
Phosphorus	31-2	5.83	-19.99	5.71	-2.82		ppb
Potassium	39-2	928.12	888.33	927.00	914.48	2.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	12.01	5.98	5.93	7.97	43.82	ppb
Selenium	78-2	7.98	13.90	10.82	10.90	27.20	ppb
Selenium	82-1	9.19	8.95	10.26	9.47	7.36	ppb
Silicon	28-1	15.61	18.29	15.75	16.55	9.14	ppb
Silver	109-1	2.08	2.07	1.99	2.05	2.45	ppb
Silver	107-1	2.09	2.05	1.97	2.03	2.87	ppb
Sodium	23-2	996.01	996.08	965.54	985.88	1.79	ppb
Strontium	86-1	1.74	1.94	1.78	1.82	5.77	ppb
Strontium	88-1	1.97	1.97	1.94	1.96	0.97	ppb
Sulfur	34-1	-1219.67	-905.09	-1041.80	-1055.52		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.91	1.89	1.89	1.90	0.75	ppb
Thallium	205-1	1.99	1.92	1.99	1.97	2.01	ppb
Tin	118-1	9.75	9.49	9.66	9.63	1.35	ppb
Titanium	47-1	9.05	9.00	9.21	9.09	1.25	ppb
Uranium	238-1	1.82	1.85	1.81	1.83	1.08	ppb
Vanadium	51-2	9.53	9.98	9.54	9.68	2.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	3.84	3.70	4.19	3.91	6.43	ppb
Zirconium	90-1	1.94	1.94	1.90	1.93	1.26	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:31:45	DataFile Name :	023LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.94	1.85	1.86	1.88	2.46	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103921BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:34:56 DataFile Name : 024CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.14	-5.90	-5.90	-5.31		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	32.81	ppb
Arsenic	75-2	-0.04	-0.01	0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	130.41	ppb
Beryllium	9-1	0.06	0.07	0.03	0.06	34.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	8.81	8.10	8.14	8.35	4.80	ppb
Boron	11-1	8.81	7.62	8.47	8.30	7.37	ppb
Cadmium	111-1	-0.02	-0.02	-0.07	-0.04		ppb
Cadmium	106-1	-0.34	-0.49	-0.92	-0.58		ppb
Cadmium	108-1	0.05	0.05	0.09	0.06	35.81	ppb
Calcium	43-1	-25.09	-17.15	-20.97	-21.07		ppb
Calcium	44-1	-4.96	-2.37	-4.54	-3.96		ppb
Chromium	52-2	0.00	0.09	0.02	0.04	121.88	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.01	0.04	0.02	0.02	163.29	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				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	0.10	-0.08	0.17	0.06	209.31	ppb
Iron	57-2	0.66	0.11	-1.89	-0.38		ppb
Lead	206-1	0.04	0.04	0.05	0.04	17.16	ppb
Lead	207-1	0.05	0.05	0.04	0.05	14.91	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.24	3.04	3.37	2.06	97.10	ppb
Manganese	55-2	-0.07	-0.09	-0.06	-0.07		ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103921BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:34:56 DataFile Name : 024CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	57.82	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	102.36	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	49.61	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.02	0.00	0.02	0.01	74.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	27.63	3.88	20.48	17.33	70.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.04	-0.96	-0.63		ppb
Selenium	82-1	0.24	-0.11	0.24	0.12	160.64	ppb
Silicon	28-1	-15.79	-16.93	-16.07	-16.27		ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.61	ppb
Silver	107-1	0.02	0.01	0.01	0.01	9.70	ppb
Sodium	23-2	46.84	44.19	45.82	45.62	2.92	ppb
Strontium	86-1	-0.02	-0.06	0.04	-0.01		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-804.74	-1024.88	-913.04	-914.22		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.03	0.03	21.69	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.89	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	-0.03	0.00	0.01	540.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	-0.09	0.06	-0.10	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:34:56	DataFile Name :	024CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.03	0.01	240.08	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.77	28.72	31.88	26.79	23.46	ppb
Antimony	121-1	3.89	3.83	3.88	3.87	0.76	ppb
Arsenic	75-2	1.58	2.11	1.86	1.85	14.29	ppb
Barium	135-1	20.00	19.04	19.08	19.37	2.80	ppb
Barium	137-1	18.97	19.36	19.54	19.29	1.50	ppb
Beryllium	9-1	2.18	1.91	1.66	1.92	13.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	48.09	46.81	47.45	47.45	1.35	ppb
Boron	11-1	49.62	49.45	51.04	50.03	1.74	ppb
Cadmium	111-1	2.11	1.79	1.78	1.89	9.82	ppb
Cadmium	106-1	2.39	0.45	1.15	1.33	74.19	ppb
Cadmium	108-1	1.54	2.06	2.00	1.87	15.29	ppb
Calcium	43-1	907.87	865.29	888.67	887.27	2.40	ppb
Calcium	44-1	917.52	903.30	902.99	907.94	0.91	ppb
Chromium	52-2	4.24	3.94	4.25	4.14	4.27	ppb
Cobalt	59-2	2.06	1.88	1.95	1.96	4.87	ppb
Copper	63-2	3.94	3.91	4.00	3.95	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	411.78	411.72	411.28	411.59	0.07	ppb
Iron	57-2	404.10	415.29	369.69	396.36	6.00	ppb
Lead	206-1	1.98	1.98	1.96	1.97	0.71	ppb
Lead	207-1	1.89	2.00	1.91	1.94	3.06	ppb
Lead	208-1	1.94	1.94	1.94	1.94	0.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	920.59	966.13	895.41	927.37	3.87	ppb
Manganese	55-2	2.02	2.34	2.05	2.14	8.32	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.25	4.29	4.18	4.24	1.39	ppb
Molybdenum	95-1	9.46	9.64	9.14	9.42	2.66	ppb
Molybdenum	96-1	8.03	8.10	7.67	7.93	2.97	ppb
Molybdenum	97-1	9.31	9.34	9.14	9.26	1.19	ppb
Molybdenum	98-1	9.08	9.13	9.12	9.11	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.02	2.04	2.11	6.26	ppb
Phosphorus	31-2	31.07	5.82	-19.99	5.63	453.14	ppb
Potassium	39-2	911.35	928.48	886.27	908.70	2.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	6.00	18.04	0.00	8.01	114.67	ppb
Selenium	78-2	8.97	7.99	9.97	8.98	10.99	ppb
Selenium	82-1	9.40	9.74	10.22	9.79	4.23	ppb
Silicon	28-1	16.42	15.36	14.76	15.51	5.43	ppb
Silver	109-1	2.06	1.95	1.91	1.97	3.87	ppb
Silver	107-1	2.06	2.00	2.00	2.02	1.56	ppb
Sodium	23-2	981.88	992.47	956.10	976.82	1.92	ppb
Strontium	86-1	2.01	1.94	1.99	1.98	1.73	ppb
Strontium	88-1	1.95	1.95	1.97	1.96	0.64	ppb
Sulfur	34-1	-844.57	-1194.58	-1326.23	-1121.80		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.84	1.90	1.89	1.88	1.93	ppb
Thallium	205-1	1.97	1.99	1.95	1.97	0.91	ppb
Tin	118-1	9.69	9.48	9.73	9.64	1.39	ppb
Titanium	47-1	9.30	9.20	9.29	9.26	0.61	ppb
Uranium	238-1	1.83	1.83	1.81	1.82	0.75	ppb
Vanadium	51-2	9.45	9.38	9.34	9.39	0.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	3.76	4.86	3.90	4.17	14.30	ppb
Zirconium	90-1	1.89	1.92	1.93	1.91	1.27	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.00	1.79	1.90	1.90	5.56	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:41:19 DataFile Name : 026SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24095.22	23269.31	24283.57	23882.70	2.26	ppb
Antimony	121-1	0.43	0.45	0.46	0.44	3.01	ppb
Arsenic	75-2	3.46	4.19	3.35	3.67	12.37	ppb
Barium	135-1	51.06	50.51	50.94	50.83	0.56	ppb
Barium	137-1	50.40	50.82	50.41	50.54	0.48	ppb
Beryllium	9-1	0.53	0.66	0.62	0.60	11.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	8.88	8.11	8.47	8.49	4.52	ppb
Boron	11-1	8.29	8.03	8.19	8.17	1.61	ppb
Cadmium	111-1	0.84	0.85	0.94	0.88	6.14	ppb
Cadmium	106-1	0.71	0.19	1.09	0.66	68.24	ppb
Cadmium	108-1	0.75	1.13	1.06	0.98	20.43	ppb
Calcium	43-1	3218.33	3242.21	3286.71	3249.08	1.07	ppb
Calcium	44-1	3239.35	3254.95	3308.01	3267.44	1.10	ppb
Chromium	52-2	32.02	31.74	32.29	32.02	0.85	ppb
Cobalt	59-2	12.27	12.30	12.44	12.33	0.76	ppb
Copper	63-2	58.44	57.99	60.11	58.85	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	29323.52	28902.35	30145.08	29456.98	2.15	ppb
Iron	57-2	28635.10	28068.34	29171.97	28625.14	1.93	ppb
Lead	206-1	416.80	411.36	413.45	413.87	0.66	ppb
Lead	207-1	381.33	379.50	381.03	380.62	0.26	ppb
Lead	208-1	397.33	394.68	399.53	397.18	0.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	5487.50	5339.97	5452.59	5426.69	1.42	ppb
Manganese	55-2	434.39	423.83	437.72	431.98	1.68	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:41:19 DataFile Name : 026SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.32	1.41	1.43	1.38	3.99	ppb
Molybdenum	95-1	0.47	0.47	0.44	0.46	4.34	ppb
Molybdenum	96-1	0.73	0.63	0.69	0.68	7.56	ppb
Molybdenum	97-1	0.39	0.47	0.44	0.43	9.04	ppb
Molybdenum	98-1	0.41	0.44	0.44	0.43	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.02	20.35	21.58	20.98	2.95	ppb
Phosphorus	31-2	388.44	855.19	1054.46	766.03	44.63	ppb
Potassium	39-2	308.85	356.46	372.20	345.84	9.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	11.22	16.73	44.51	24.15	73.88	ppb
Selenium	78-2	9.24	4.57	7.32	7.05	33.31	ppb
Selenium	82-1	0.56	0.32	0.28	0.39	39.62	ppb
Silicon	28-1	1144.11	1446.39	1403.00	1331.16	12.28	ppb
Silver	109-1	0.23	0.28	0.31	0.27	15.17	ppb
Silver	107-1	0.26	0.27	0.30	0.28	7.90	ppb
Sodium	23-2	470.08	463.81	483.83	472.57	2.17	ppb
Strontium	86-1	10.51	10.61	10.93	10.68	2.03	ppb
Strontium	88-1	10.82	10.73	10.85	10.80	0.56	ppb
Sulfur	34-1	-2727.60	-2794.78	-2651.24	-2724.54		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.14	0.12	0.13	7.58	ppb
Thallium	205-1	0.13	0.12	0.15	0.14	12.25	ppb
Tin	118-1	1.34	1.32	1.32	1.33	0.93	ppb
Titanium	47-1	382.43	381.60	392.44	385.49	1.56	ppb
Uranium	238-1	0.70	0.69	0.71	0.70	1.74	ppb
Vanadium	51-2	45.33	44.36	45.98	45.22	1.79	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	188.91	182.31	191.25	187.49	2.47	ppb
Zirconium	90-1	1.75	1.74	1.79	1.76	1.42	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01	Instrumnet Name :	P8
Client Sample ID :	MBDXN0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:41:19	DataFile Name :	026SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.84	2.18	1.81	1.94	10.43	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:44:27 DataFile Name : 027SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22244.00	21500.40	22468.20	22070.87	2.30	ppb
Antimony	121-1	0.46	0.49	0.53	0.49	6.85	ppb
Arsenic	75-2	3.43	3.55	3.33	3.44	3.22	ppb
Barium	135-1	51.01	50.04	58.38	53.14	8.58	ppb
Barium	137-1	51.82	49.40	56.63	52.62	7.00	ppb
Beryllium	9-1	0.58	0.52	0.67	0.59	12.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	8.04	6.28	10.05	8.12	23.28	ppb
Boron	11-1	8.42	7.39	9.30	8.37	11.47	ppb
Cadmium	111-1	0.81	0.88	1.00	0.90	10.67	ppb
Cadmium	106-1	-0.27	1.09	0.52	0.44	153.14	ppb
Cadmium	108-1	1.08	1.07	1.59	1.25	23.88	ppb
Calcium	43-1	3158.25	3268.68	3871.32	3432.75	11.18	ppb
Calcium	44-1	3206.18	3213.96	3762.77	3394.30	9.40	ppb
Chromium	52-2	31.83	31.24	31.37	31.48	0.98	ppb
Cobalt	59-2	12.36	11.94	11.96	12.09	1.94	ppb
Copper	63-2	55.49	54.92	56.22	55.54	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	28830.35	27840.30	28856.29	28508.98	2.03	ppb
Iron	57-2	28127.34	27010.28	28183.49	27773.70	2.38	ppb
Lead	206-1	374.50	377.63	432.28	394.80	8.23	ppb
Lead	207-1	337.29	337.62	389.93	354.95	8.54	ppb
Lead	208-1	360.83	360.11	416.83	379.26	8.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	5166.82	5137.05	5199.56	5167.81	0.61	ppb
Manganese	55-2	405.80	396.09	406.90	402.93	1.48	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:44:27 DataFile Name : 027SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.28	1.41	1.52	1.40	8.46	ppb
Molybdenum	95-1	0.53	0.58	0.56	0.56	4.92	ppb
Molybdenum	96-1	0.75	0.77	0.87	0.80	8.52	ppb
Molybdenum	97-1	0.55	0.43	0.66	0.54	21.28	ppb
Molybdenum	98-1	0.44	0.48	0.58	0.50	14.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.98	19.96	20.30	20.42	2.54	ppb
Phosphorus	31-2	698.81	822.87	921.05	814.24	13.68	ppb
Potassium	39-2	339.63	339.29	342.62	340.52	0.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	33.97	22.73	39.48	32.06	26.62	ppb
Selenium	78-2	6.53	-0.02	5.57	4.02	87.91	ppb
Selenium	82-1	0.14	0.64	1.05	0.61	74.98	ppb
Silicon	28-1	1177.32	1156.98	1505.30	1279.87	15.27	ppb
Silver	109-1	0.34	0.36	0.39	0.36	6.64	ppb
Silver	107-1	0.30	0.33	0.35	0.33	8.09	ppb
Sodium	23-2	454.58	453.23	463.44	457.08	1.21	ppb
Strontium	86-1	10.24	10.42	12.14	10.94	9.60	ppb
Strontium	88-1	10.52	10.60	12.16	11.09	8.33	ppb
Sulfur	34-1	-3424.94	-3499.56	-1476.28	-2800.26		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.11	0.14	0.12	17.65	ppb
Thallium	205-1	0.10	0.09	0.12	0.10	15.04	ppb
Tin	118-1	1.23	1.42	1.68	1.44	15.48	ppb
Titanium	47-1	384.68	375.35	437.10	399.04	8.34	ppb
Uranium	238-1	0.70	0.74	0.80	0.75	6.75	ppb
Vanadium	51-2	43.64	43.10	44.33	43.69	1.41	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	188.33	178.04	187.65	184.68	3.12	ppb
Zirconium	90-1	1.70	1.76	2.52	1.99	22.68	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-02	Instrumnet Name :	P8
Client Sample ID :	MBDXN0D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:44:27	DataFile Name :	027SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.74	1.65	2.01	1.80	10.20	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LX5 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 17:47:37 DataFile Name : 028SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4714.29	4707.65	4420.75	4614.23	3.63	ppb
Antimony	121-1	0.10	0.10	0.08	0.09	12.78	ppb
Arsenic	75-2	0.70	0.64	0.73	0.69	6.46	ppb
Barium	135-1	9.64	10.05	10.24	9.98	3.09	ppb
Barium	137-1	9.96	9.53	9.58	9.69	2.40	ppb
Beryllium	9-1	0.12	0.13	0.09	0.11	20.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	5.49	7.23	6.97	6.56	14.29	ppb
Boron	11-1	6.00	5.70	6.23	5.98	4.44	ppb
Cadmium	111-1	0.24	0.08	0.10	0.14	60.86	ppb
Cadmium	106-1	0.84	-0.56	-0.34	-0.02		ppb
Cadmium	108-1	0.24	0.24	0.24	0.24	0.53	ppb
Calcium	43-1	636.10	652.90	603.74	630.92	3.96	ppb
Calcium	44-1	646.47	646.73	641.77	644.99	0.43	ppb
Chromium	52-2	6.34	6.31	6.24	6.30	0.80	ppb
Cobalt	59-2	2.38	2.48	2.43	2.43	2.07	ppb
Copper	63-2	11.57	11.86	11.36	11.60	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	5782.09	5870.37	5799.44	5817.30	0.80	ppb
Iron	57-2	5527.33	5597.04	5514.27	5546.22	0.80	ppb
Lead	206-1	76.82	78.31	77.43	77.52	0.96	ppb
Lead	207-1	70.87	70.78	71.51	71.06	0.56	ppb
Lead	208-1	73.76	74.39	74.43	74.19	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	1010.57	1031.03	1059.26	1033.62	2.37	ppb
Manganese	55-2	84.71	82.60	83.52	83.61	1.27	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LX5 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 17:47:37 DataFile Name : 028SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.26	0.27	0.27	2.67	ppb
Molybdenum	95-1	0.09	0.09	0.11	0.10	10.73	ppb
Molybdenum	96-1	0.12	0.17	0.14	0.15	15.83	ppb
Molybdenum	97-1	0.10	0.06	0.08	0.08	26.74	ppb
Molybdenum	98-1	0.10	0.08	0.10	0.09	15.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.80	4.23	3.95	3.99	5.54	ppb
Phosphorus	31-2	102.63	106.06	128.34	112.34	12.43	ppb
Potassium	39-2	58.50	77.56	67.84	67.97	14.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	17.50	0.00	0.00	5.83	173.21	ppb
Selenium	78-2	1.94	0.02	2.98	1.65	91.04	ppb
Selenium	82-1	-0.15	0.55	0.10	0.16	215.51	ppb
Silicon	28-1	228.88	240.09	226.00	231.65	3.21	ppb
Silver	109-1	0.10	0.09	0.09	0.09	10.89	ppb
Silver	107-1	0.09	0.11	0.09	0.10	14.49	ppb
Sodium	23-2	134.12	138.70	132.36	135.06	2.42	ppb
Strontium	86-1	2.15	2.13	2.27	2.18	3.44	ppb
Strontium	88-1	2.16	2.09	2.16	2.14	1.96	ppb
Sulfur	34-1	-3726.18	-3684.17	-3798.46	-3736.27		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.00	0.01	40.40	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	26.13	ppb
Tin	118-1	0.28	0.24	0.25	0.26	8.78	ppb
Titanium	47-1	76.88	76.66	75.19	76.25	1.21	ppb
Uranium	238-1	0.14	0.13	0.12	0.13	9.01	ppb
Vanadium	51-2	8.66	8.50	8.50	8.55	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	38.20	38.50	36.60	37.76	2.71	ppb
Zirconium	90-1	0.36	0.35	0.36	0.36	0.33	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDXN0L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-02 17:47:37	DataFile Name :	028SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.45	0.37	0.36	0.39	12.73	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:50:48 DataFile Name : 029SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20790.89	20996.64	21228.70	21005.41	1.04	ppb
Antimony	121-1	21.38	21.57	21.55	21.50	0.48	ppb
Arsenic	75-2	10.95	11.49	10.23	10.89	5.83	ppb
Barium	135-1	474.78	466.31	471.40	470.83	0.91	ppb
Barium	137-1	473.36	469.44	475.66	472.82	0.66	ppb
Beryllium	9-1	11.04	10.65	11.07	10.92	2.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	7.71	4.55	5.91	6.06	26.19	ppb
Boron	11-1	6.71	6.21	6.76	6.56	4.63	ppb
Cadmium	111-1	11.28	10.98	11.24	11.16	1.43	ppb
Cadmium	106-1	9.22	9.26	9.16	9.21	0.53	ppb
Cadmium	108-1	11.54	11.11	10.58	11.08	4.36	ppb
Calcium	43-1	3205.76	3155.83	3244.96	3202.19	1.40	ppb
Calcium	44-1	3194.28	3145.76	3146.20	3162.08	0.88	ppb
Chromium	52-2	73.08	72.38	73.16	72.87	0.59	ppb
Cobalt	59-2	114.50	114.58	115.62	114.90	0.54	ppb
Copper	63-2	105.65	106.08	105.75	105.83	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	28184.77	27999.39	28343.56	28175.91	0.61	ppb
Iron	57-2	27228.83	27608.30	27614.91	27484.01	0.80	ppb
Lead	206-1	361.16	359.22	361.13	360.50	0.31	ppb
Lead	207-1	325.69	322.68	320.74	323.04	0.77	ppb
Lead	208-1	345.16	346.82	345.10	345.69	0.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	5025.74	5055.62	5160.01	5080.45	1.39	ppb
Manganese	55-2	492.34	492.84	494.24	493.14	0.20	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:50:48 DataFile Name : 029SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.29	1.26	1.22	1.26	2.95	ppb
Molybdenum	95-1	0.55	0.54	0.52	0.54	3.02	ppb
Molybdenum	96-1	0.68	0.71	0.72	0.70	2.93	ppb
Molybdenum	97-1	0.45	0.54	0.59	0.53	13.55	ppb
Molybdenum	98-1	0.52	0.52	0.58	0.54	6.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.66	123.83	123.70	124.40	0.88	ppb
Phosphorus	31-2	765.23	889.80	552.50	735.84	23.18	ppb
Potassium	39-2	281.20	293.31	314.05	296.19	5.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	39.86	74.16	63.13	59.05	29.66	ppb
Selenium	78-2	24.48	25.47	33.22	27.72	17.27	ppb
Selenium	82-1	21.67	20.51	20.44	20.88	3.31	ppb
Silicon	28-1	1189.67	1409.55	1133.75	1244.33	11.72	ppb
Silver	109-1	11.08	10.82	11.16	11.02	1.62	ppb
Silver	107-1	11.02	11.05	11.19	11.09	0.81	ppb
Sodium	23-2	420.91	441.73	457.54	440.06	4.17	ppb
Strontium	86-1	10.11	10.19	10.10	10.13	0.48	ppb
Strontium	88-1	10.46	10.14	10.28	10.29	1.58	ppb
Sulfur	34-1	-3878.32	-4043.92	-4206.38	-4042.87		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	10.46	10.11	10.22	10.27	1.74	ppb
Thallium	205-1	10.41	10.22	10.43	10.35	1.11	ppb
Tin	118-1	1.38	1.24	1.32	1.32	5.41	ppb
Titanium	47-1	364.36	361.53	366.72	364.21	0.71	ppb
Uranium	238-1	0.71	0.65	0.70	0.69	4.93	ppb
Vanadium	51-2	146.32	144.83	145.51	145.55	0.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	279.96	283.47	282.52	281.98	0.64	ppb
Zirconium	90-1	1.69	1.63	1.70	1.67	2.35	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-03	Instrumnet Name :	P8
Client Sample ID :	MBDXN0S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:50:48	DataFile Name :	029SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.64	1.83	1.49	1.65	10.21	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:53:58 DataFile Name : 030SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7256.45	7100.21	7355.82	7237.50	1.78	ppb
Antimony	121-1	0.84	0.83	0.87	0.85	2.38	ppb
Arsenic	75-2	3.60	3.24	3.47	3.44	5.30	ppb
Barium	135-1	46.91	45.08	46.38	46.12	2.05	ppb
Barium	137-1	45.27	45.71	46.74	45.91	1.64	ppb
Beryllium	9-1	0.38	0.37	0.38	0.38	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	4.92	6.32	7.19	6.14	18.64	ppb
Boron	11-1	6.31	5.79	6.18	6.09	4.44	ppb
Cadmium	111-1	2.48	2.58	2.58	2.55	2.21	ppb
Cadmium	106-1	0.98	1.61	2.22	1.60	38.90	ppb
Cadmium	108-1	2.55	2.80	2.76	2.70	4.91	ppb
Calcium	43-1	3299.41	3328.74	3328.02	3318.72	0.50	ppb
Calcium	44-1	3327.56	3337.81	3333.89	3333.09	0.16	ppb
Chromium	52-2	41.12	41.09	41.72	41.31	0.86	ppb
Cobalt	59-2	10.63	10.50	10.99	10.71	2.36	ppb
Copper	63-2	58.32	57.26	58.39	57.99	1.09	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				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	21665.17	21632.41	22277.55	21858.38	1.66	ppb
Iron	57-2	21154.61	21019.93	21452.72	21209.09	1.04	ppb
Lead	206-1	234.04	232.08	233.25	233.12	0.42	ppb
Lead	207-1	211.45	208.59	211.82	210.62	0.84	ppb
Lead	208-1	225.37	223.43	226.98	225.26	0.79	ppb
Lithium	6-1				113		%
Magnesium	24-2	4368.85	4315.66	4400.92	4361.81	0.99	ppb
Manganese	55-2	143.67	142.81	141.37	142.62	0.82	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:53:58 DataFile Name : 030SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.12	2.11	2.16	2.13	1.39	ppb
Molybdenum	95-1	0.67	0.67	0.71	0.68	3.41	ppb
Molybdenum	96-1	0.94	1.08	1.11	1.04	8.65	ppb
Molybdenum	97-1	0.67	0.61	0.58	0.62	6.95	ppb
Molybdenum	98-1	0.72	0.59	0.68	0.66	10.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.68	19.41	19.76	19.61	0.92	ppb
Phosphorus	31-2	389.83	342.60	522.85	418.42	22.34	ppb
Potassium	39-2	485.04	340.45	352.91	392.80	20.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	23.05	23.14	17.28	21.16	15.88	ppb
Selenium	78-2	9.53	8.61	7.61	8.58	11.14	ppb
Selenium	82-1	0.61	0.97	0.70	0.76	24.72	ppb
Silicon	28-1	497.88	810.73	517.41	608.68	28.79	ppb
Silver	109-1	0.50	0.47	0.49	0.49	2.36	ppb
Silver	107-1	0.41	0.45	0.49	0.45	8.94	ppb
Sodium	23-2	388.35	382.43	378.16	382.98	1.34	ppb
Strontium	86-1	9.40	9.18	8.96	9.18	2.39	ppb
Strontium	88-1	9.35	9.33	9.16	9.28	1.16	ppb
Sulfur	34-1	-3436.70	-3459.13	-3404.14	-3433.32		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.08	0.07	0.08	9.09	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.84	ppb
Tin	118-1	3.35	3.36	3.30	3.33	0.90	ppb
Titanium	47-1	634.81	641.89	630.94	635.88	0.87	ppb
Uranium	238-1	0.71	0.72	0.68	0.71	3.04	ppb
Vanadium	51-2	52.56	51.57	52.00	52.04	0.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	169.94	161.65	163.20	164.93	2.67	ppb
Zirconium	90-1	2.69	2.70	2.84	2.75	3.07	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-13	Instrumnet Name :	P8
Client Sample ID :	MBDXM4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:53:58	DataFile Name :	030SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.64	3.03	2.63	2.76	8.35	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:57:07 DataFile Name : 031SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10728.35	10772.65	10497.22	10666.07	1.39	ppb
Antimony	121-1	1.04	1.02	0.99	1.02	2.42	ppb
Arsenic	75-2	4.18	4.70	4.42	4.43	5.92	ppb
Barium	135-1	101.74	102.72	101.68	102.05	0.57	ppb
Barium	137-1	102.27	103.60	101.08	102.32	1.23	ppb
Beryllium	9-1	0.75	0.98	0.77	0.83	14.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	10.48	11.01	9.88	10.46	5.39	ppb
Boron	11-1	9.41	9.83	8.73	9.32	5.97	ppb
Cadmium	111-1	0.87	0.84	1.01	0.91	10.11	ppb
Cadmium	106-1	0.85	0.22	1.76	0.94	82.33	ppb
Cadmium	108-1	1.18	1.15	1.67	1.33	21.82	ppb
Calcium	43-1	6329.66	6393.44	6138.40	6287.16	2.11	ppb
Calcium	44-1	6438.41	6398.75	6418.26	6418.47	0.31	ppb
Chromium	52-2	32.55	32.51	33.23	32.76	1.24	ppb
Cobalt	59-2	7.39	7.34	7.60	7.44	1.88	ppb
Copper	63-2	33.18	32.64	32.93	32.91	0.83	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				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	29272.41	29197.61	29185.47	29218.50	0.16	ppb
Iron	57-2	28571.91	28296.07	28450.61	28439.53	0.49	ppb
Lead	206-1	222.10	220.84	220.24	221.06	0.43	ppb
Lead	207-1	199.29	198.38	197.46	198.38	0.46	ppb
Lead	208-1	213.31	213.42	212.10	212.94	0.35	ppb
Lithium	6-1				111		%
Magnesium	24-2	2699.02	2677.02	2669.93	2681.99	0.57	ppb
Manganese	55-2	185.74	186.00	186.43	186.06	0.19	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:57:07 DataFile Name : 031SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.96	0.89	8.22	3.36	125.44	ppb
Molybdenum	95-1	1.33	1.29	1.32	1.32	1.75	ppb
Molybdenum	96-1	1.19	1.12	1.18	1.16	3.33	ppb
Molybdenum	97-1	1.15	1.24	1.31	1.23	6.37	ppb
Molybdenum	98-1	1.23	1.19	1.35	1.25	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.76	15.44	15.95	15.71	1.64	ppb
Phosphorus	31-2	688.08	925.11	882.59	831.93	15.19	ppb
Potassium	39-2	543.14	478.92	489.99	504.01	6.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	43.67	70.71	49.25	54.54	26.18	ppb
Selenium	78-2	8.97	14.34	12.62	11.98	22.88	ppb
Selenium	82-1	1.63	2.28	1.68	1.86	19.50	ppb
Silicon	28-1	1737.77	2194.64	1853.76	1928.72	12.31	ppb
Silver	109-1	0.55	0.62	0.55	0.57	7.29	ppb
Silver	107-1	0.61	0.59	0.60	0.60	2.00	ppb
Sodium	23-2	558.13	539.70	542.68	546.84	1.81	ppb
Strontium	86-1	26.38	26.24	26.02	26.21	0.69	ppb
Strontium	88-1	26.22	26.38	26.94	26.52	1.43	ppb
Sulfur	34-1	-3049.75	-2961.37	-3077.39	-3029.51		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.07	0.09	0.08	8.90	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.76	ppb
Tin	118-1	4.30	4.47	4.61	4.46	3.46	ppb
Titanium	47-1	219.35	221.87	217.55	219.59	0.99	ppb
Uranium	238-1	1.25	1.21	1.24	1.23	1.66	ppb
Vanadium	51-2	82.96	82.40	82.46	82.61	0.37	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	130.96	126.22	127.55	128.24	1.91	ppb
Zirconium	90-1	0.83	0.78	1.09	0.90	18.05	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-14	Instrumnet Name :	P8
Client Sample ID :	MBDXR3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:57:07	DataFile Name :	031SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	1.19	1.14	1.05	18.41	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:00:16 DataFile Name : 032SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12055.93	11556.43	11889.08	11833.81	2.15	ppb
Antimony	121-1	0.70	0.70	0.66	0.69	3.41	ppb
Arsenic	75-2	12.75	14.94	14.93	14.20	8.89	ppb
Barium	135-1	184.15	180.62	180.22	181.66	1.19	ppb
Barium	137-1	184.01	182.10	181.92	182.68	0.63	ppb
Beryllium	9-1	1.62	1.33	1.72	1.56	13.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	7.08	8.03	7.86	7.66	6.61	ppb
Boron	11-1	7.68	7.18	7.83	7.56	4.52	ppb
Cadmium	111-1	3.15	3.09	2.95	3.06	3.41	ppb
Cadmium	106-1	1.96	2.75	2.88	2.53	19.83	ppb
Cadmium	108-1	3.41	3.61	3.20	3.40	6.00	ppb
Calcium	43-1	4573.74	4705.50	4590.64	4623.30	1.55	ppb
Calcium	44-1	4668.24	4713.95	4701.88	4694.69	0.50	ppb
Chromium	52-2	32.32	32.32	32.15	32.26	0.31	ppb
Cobalt	59-2	12.08	12.09	12.50	12.22	1.93	ppb
Copper	63-2	35.42	35.56	36.16	35.71	1.09	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	58685.46	57457.68	59071.98	58405.04	1.44	ppb
Iron	57-2	56655.64	55663.63	57794.47	56704.58	1.88	ppb
Lead	206-1	693.60	688.79	687.46	689.95	0.47	ppb
Lead	207-1	640.73	637.96	650.81	643.16	1.05	ppb
Lead	208-1	662.70	659.96	666.51	663.06	0.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	2746.39	2722.62	2690.56	2719.85	1.03	ppb
Manganese	55-2	616.83	614.49	626.32	619.21	1.01	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:00:16 DataFile Name : 032SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	1.12	1.16	1.13	2.36	ppb
Molybdenum	95-1	1.66	1.66	1.71	1.68	1.70	ppb
Molybdenum	96-1	1.57	1.60	1.52	1.57	2.62	ppb
Molybdenum	97-1	1.71	1.74	1.62	1.69	3.71	ppb
Molybdenum	98-1	1.56	1.59	1.55	1.57	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.61	18.01	18.27	17.97	1.85	ppb
Phosphorus	31-2	906.29	684.47	1368.10	986.29	35.36	ppb
Potassium	39-2	300.39	290.20	338.36	309.65	8.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	79.61	32.08	100.87	70.85	49.71	ppb
Selenium	78-2	10.45	10.54	12.21	11.07	8.98	ppb
Selenium	82-1	1.36	1.16	1.07	1.20	12.44	ppb
Silicon	28-1	1698.49	1778.78	1725.64	1734.31	2.35	ppb
Silver	109-1	0.39	0.39	0.42	0.40	4.92	ppb
Silver	107-1	0.42	0.39	0.40	0.40	4.42	ppb
Sodium	23-2	187.59	191.92	203.45	194.32	4.22	ppb
Strontium	86-1	17.40	17.27	17.33	17.34	0.38	ppb
Strontium	88-1	17.55	17.59	17.46	17.53	0.37	ppb
Sulfur	34-1	-3596.79	-3415.54	-3616.47	-3542.93		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.09	0.08	0.08	17.29	ppb
Thallium	205-1	0.09	0.09	0.10	0.10	0.83	ppb
Tin	118-1	3.05	2.96	3.04	3.02	1.55	ppb
Titanium	47-1	159.49	159.15	158.06	158.90	0.47	ppb
Uranium	238-1	1.58	1.66	1.60	1.61	2.47	ppb
Vanadium	51-2	125.18	127.30	127.30	126.59	0.96	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	170.81	162.69	170.24	167.91	2.70	ppb
Zirconium	90-1	0.89	0.89	0.90	0.89	1.05	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-15	Instrumnet Name :	P8
Client Sample ID :	MBDXS1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:00:16	DataFile Name :	032SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.98	0.91	0.95	3.57	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:03:24 DataFile Name : 033SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1269.52	1115.66	1282.97	1222.72	7.60	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	16.17	ppb
Arsenic	75-2	0.16	0.12	0.14	0.14	15.94	ppb
Barium	135-1	2.60	2.44	2.42	2.48	3.98	ppb
Barium	137-1	2.67	2.33	2.46	2.49	6.85	ppb
Beryllium	9-1	0.04	0.06	0.06	0.06	20.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	2.72	3.05	4.17	3.31	23.02	ppb
Boron	11-1	2.82	3.10	2.52	2.81	10.36	ppb
Cadmium	111-1	-0.02	-0.07	0.01	-0.03		ppb
Cadmium	106-1	-0.99	-1.70	-0.96	-1.22		ppb
Cadmium	108-1	0.05	0.05	0.01	0.04	59.94	ppb
Calcium	43-1	152.39	139.00	150.06	147.15	4.86	ppb
Calcium	44-1	162.76	170.32	169.09	167.39	2.42	ppb
Chromium	52-2	2.06	1.63	2.07	1.92	13.00	ppb
Cobalt	59-2	0.65	0.58	0.60	0.61	5.71	ppb
Copper	63-2	3.10	2.99	3.30	3.13	5.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	1487.25	1420.26	1594.63	1500.71	5.86	ppb
Iron	57-2	1464.96	1423.38	1562.50	1483.62	4.81	ppb
Lead	206-1	19.11	18.91	19.31	19.11	1.05	ppb
Lead	207-1	17.60	17.23	17.54	17.46	1.12	ppb
Lead	208-1	18.28	18.15	18.33	18.26	0.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	282.54	257.64	308.33	282.84	8.96	ppb
Manganese	55-2	20.77	20.67	23.13	21.52	6.47	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:03:24 DataFile Name : 033SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.05	0.07	30.85	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	10.29	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	19.86	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	67.01	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	29.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.01	1.05	1.06	5.23	ppb
Phosphorus	31-2	30.88	53.70	62.75	49.11	33.44	ppb
Potassium	39-2	34.11	-2.55	24.68	18.74	101.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	5.85	0.00	6.60	4.15	87.07	ppb
Selenium	78-2	-0.96	-0.96	0.13	-0.60		ppb
Selenium	82-1	0.44	0.01	0.14	0.20	114.10	ppb
Silicon	28-1	51.28	52.51	49.96	51.25	2.49	ppb
Silver	109-1	0.04	0.05	0.04	0.05	13.19	ppb
Silver	107-1	0.04	0.04	0.05	0.04	9.27	ppb
Sodium	23-2	47.69	52.81	54.61	51.70	6.95	ppb
Strontium	86-1	0.54	0.44	0.44	0.47	11.56	ppb
Strontium	88-1	0.55	0.57	0.54	0.56	2.79	ppb
Sulfur	34-1	-4320.24	-4330.69	-4306.57	-4319.17		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.05	0.06	0.05	27.23	ppb
Titanium	47-1	18.20	19.05	18.83	18.69	2.37	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.65	ppb
Vanadium	51-2	2.06	1.96	2.45	2.16	12.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	9.75	9.22	10.87	9.95	8.48	ppb
Zirconium	90-1	0.07	0.10	0.08	0.08	18.02	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:03:24	DataFile Name :	033SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.11	0.10	9.89	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:06:34 DataFile Name : 034SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1112.47	1081.36	1125.35	1106.39	2.04	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	42.12	ppb
Arsenic	75-2	0.23	0.33	0.26	0.27	18.15	ppb
Barium	135-1	2.23	2.39	2.30	2.31	3.31	ppb
Barium	137-1	2.37	2.44	2.63	2.48	5.49	ppb
Beryllium	9-1	0.03	0.02	0.08	0.05	69.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	3.49	2.55	3.13	3.06	15.64	ppb
Boron	11-1	3.17	2.67	2.71	2.85	9.71	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	82.88	ppb
Cadmium	106-1	-0.70	-0.57	-0.44	-0.57		ppb
Cadmium	108-1	0.16	0.24	0.09	0.16	45.34	ppb
Calcium	43-1	139.63	147.73	150.37	145.91	3.83	ppb
Calcium	44-1	154.52	153.46	151.24	153.07	1.09	ppb
Chromium	52-2	1.71	1.77	1.58	1.69	5.71	ppb
Cobalt	59-2	0.56	0.55	0.61	0.57	5.53	ppb
Copper	63-2	2.92	2.99	2.90	2.94	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	1413.61	1464.72	1432.56	1436.97	1.80	ppb
Iron	57-2	1416.52	1401.90	1413.81	1410.74	0.55	ppb
Lead	206-1	18.42	17.72	17.69	17.94	2.29	ppb
Lead	207-1	16.89	16.35	16.00	16.41	2.75	ppb
Lead	208-1	17.51	17.11	16.88	17.17	1.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	265.64	253.10	267.84	262.19	3.03	ppb
Manganese	55-2	20.38	20.87	20.44	20.56	1.29	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:06:34 DataFile Name : 034SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.04	0.05	16.68	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	61.36	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	42.39	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	41.53	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	14.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.09	0.95	1.03	6.90	ppb
Phosphorus	31-2	79.02	56.86	30.39	55.42	43.93	ppb
Potassium	39-2	2.44	28.48	25.14	18.69	75.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	5.93	0.00	0.00	1.98	173.21	ppb
Selenium	78-2	-0.96	-0.96	1.00	-0.31		ppb
Selenium	82-1	-0.43	0.21	0.38	0.05	785.10	ppb
Silicon	28-1	51.21	55.52	51.92	52.89	4.37	ppb
Silver	109-1	0.03	0.03	0.04	0.04	15.45	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.46	ppb
Sodium	23-2	41.60	48.39	45.44	45.14	7.54	ppb
Strontium	86-1	0.55	0.51	0.51	0.52	4.63	ppb
Strontium	88-1	0.53	0.52	0.48	0.51	5.71	ppb
Sulfur	34-1	-4087.48	-3966.90	-4366.93	-4140.44		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.05	0.05	0.06	11.23	ppb
Titanium	47-1	19.12	18.87	17.45	18.48	4.88	ppb
Uranium	238-1	0.03	0.03	0.04	0.04	24.04	ppb
Vanadium	51-2	2.15	2.45	2.22	2.27	6.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	8.20	9.73	8.75	8.89	8.70	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	7.63	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:06:34	DataFile Name :	034SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.12	0.04	0.08	51.05	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 18:09:45 DataFile Name : 035SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	215.87	202.07	246.55	221.50	10.28	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	28.71	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	81.32	ppb
Barium	135-1	0.45	0.48	0.43	0.45	4.84	ppb
Barium	137-1	0.49	0.44	0.51	0.48	7.47	ppb
Beryllium	9-1	0.05	0.01	0.03	0.03	84.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	2.49	2.44	1.98	2.30	12.25	ppb
Boron	11-1	2.66	2.69	2.32	2.56	8.24	ppb
Cadmium	111-1	-0.06	-0.01	-0.04	-0.04		ppb
Cadmium	106-1	-0.96	-0.38	-0.67	-0.67		ppb
Cadmium	108-1	0.06	0.09	0.13	0.09	39.45	ppb
Calcium	43-1	35.85	21.41	24.58	27.28	27.82	ppb
Calcium	44-1	35.14	31.01	30.09	32.08	8.38	ppb
Chromium	52-2	0.44	0.36	0.44	0.41	10.81	ppb
Cobalt	59-2	0.10	0.13	0.11	0.11	13.55	ppb
Copper	63-2	0.63	0.55	0.68	0.62	10.43	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				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	273.89	272.46	279.90	275.42	1.43	ppb
Iron	57-2	273.63	288.32	288.99	283.65	3.06	ppb
Lead	206-1	3.95	3.70	3.80	3.81	3.20	ppb
Lead	207-1	3.76	3.48	3.34	3.53	6.00	ppb
Lead	208-1	3.85	3.57	3.53	3.65	4.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	49.13	57.73	52.13	53.00	8.24	ppb
Manganese	55-2	3.70	4.09	3.51	3.76	7.85	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 18:09:45 DataFile Name : 035SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	78.98	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	63.20	ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	65.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.26	0.32	0.24	33.51	ppb
Phosphorus	31-2	-19.99	-19.99	31.96	-2.67		ppb
Potassium	39-2	0.80	-15.97	-2.94	-6.04		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	5.97	0.00	0.00	1.99	173.21	ppb
Selenium	78-2	-0.96	-0.96	1.04	-0.30		ppb
Selenium	82-1	0.28	-0.28	0.13	0.05	622.67	ppb
Silicon	28-1	12.22	1.84	-0.01	4.68	140.77	ppb
Silver	109-1	0.03	0.02	0.01	0.02	38.63	ppb
Silver	107-1	0.03	0.02	0.01	0.02	56.71	ppb
Sodium	23-2	28.15	16.79	32.71	25.88	31.68	ppb
Strontium	86-1	0.11	0.08	0.13	0.11	23.54	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	3.12	ppb
Sulfur	34-1	-3299.94	-4187.17	-4068.94	-3852.02		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	183.06	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	70.31	ppb
Tin	118-1	0.00	-0.01	0.20	0.06	197.54	ppb
Titanium	47-1	4.13	3.67	3.63	3.81	7.23	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	64.26	ppb
Vanadium	51-2	0.49	0.54	0.49	0.51	6.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.19	1.82	1.58	1.53	20.78	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	34.87	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDXN0L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-02 18:09:45	DataFile Name :	035SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	42.12	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:12:56 DataFile Name : 036SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1172.08	1053.07	1164.34	1129.83	5.89	ppb
Antimony	121-1	1.05	1.03	1.09	1.06	2.61	ppb
Arsenic	75-2	0.56	0.28	0.73	0.52	42.97	ppb
Barium	135-1	23.57	22.93	22.48	23.00	2.39	ppb
Barium	137-1	23.75	23.17	22.62	23.18	2.44	ppb
Beryllium	9-1	0.53	0.57	0.52	0.54	5.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	2.23	1.35	1.79	1.79	24.53	ppb
Boron	11-1	2.37	1.88	2.21	2.15	11.62	ppb
Cadmium	111-1	0.48	0.52	0.46	0.49	5.67	ppb
Cadmium	106-1	-0.62	-0.51	-0.71	-0.61		ppb
Cadmium	108-1	0.68	0.60	0.63	0.64	6.56	ppb
Calcium	43-1	133.57	123.52	140.24	132.44	6.35	ppb
Calcium	44-1	147.99	153.40	155.69	152.36	2.60	ppb
Chromium	52-2	3.83	3.95	3.69	3.82	3.52	ppb
Cobalt	59-2	5.93	5.71	5.70	5.78	2.24	ppb
Copper	63-2	5.58	5.27	5.72	5.52	4.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	1441.57	1437.06	1421.83	1433.49	0.72	ppb
Iron	57-2	1417.84	1480.04	1406.35	1434.75	2.76	ppb
Lead	206-1	17.71	17.42	17.25	17.46	1.33	ppb
Lead	207-1	15.77	15.84	15.90	15.84	0.39	ppb
Lead	208-1	16.66	16.74	16.54	16.64	0.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	264.18	262.66	255.11	260.65	1.86	ppb
Manganese	55-2	24.72	24.75	24.15	24.54	1.37	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:12:56 DataFile Name : 036SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.06	0.07	12.98	ppb
Molybdenum	95-1	0.00	0.02	0.00	0.01	131.44	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	28.63	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	41.36	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	26.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.44	6.55	6.04	6.34	4.26	ppb
Phosphorus	31-2	5.84	83.91	5.78	31.84	141.60	ppb
Potassium	39-2	41.25	6.95	19.95	22.72	76.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	6.00	0.00	2.00	173.21	ppb
Selenium	78-2	0.03	5.99	1.05	2.36	135.32	ppb
Selenium	82-1	1.47	1.30	1.21	1.33	10.05	ppb
Silicon	28-1	67.27	55.74	53.58	58.86	12.51	ppb
Silver	109-1	0.60	0.52	0.51	0.55	8.60	ppb
Silver	107-1	0.55	0.53	0.56	0.55	3.50	ppb
Sodium	23-2	44.03	45.79	41.20	43.67	5.31	ppb
Strontium	86-1	0.54	0.48	0.44	0.49	10.27	ppb
Strontium	88-1	0.51	0.51	0.54	0.52	3.29	ppb
Sulfur	34-1	-3945.85	-3997.25	-3946.81	-3963.31		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.51	0.51	0.50	0.51	1.16	ppb
Thallium	205-1	0.49	0.52	0.50	0.51	2.98	ppb
Tin	118-1	0.05	0.05	0.02	0.04	34.83	ppb
Titanium	47-1	17.46	18.29	17.88	17.88	2.30	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.10	ppb
Vanadium	51-2	7.47	7.81	7.78	7.69	2.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	13.88	14.76	14.83	14.49	3.66	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	9.42	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:12:56	DataFile Name :	036SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.10	0.09	19.11	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:16:08 DataFile Name : 037SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	392.11	340.75	393.52	375.46	8.01	ppb
Antimony	121-1	0.03	0.02	0.05	0.03	41.85	ppb
Arsenic	75-2	0.24	0.15	0.14	0.18	31.53	ppb
Barium	135-1	2.08	2.05	2.14	2.09	2.18	ppb
Barium	137-1	3.03	2.32	2.29	2.55	16.49	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	16.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	1.74	2.26	1.57	1.86	19.28	ppb
Boron	11-1	1.95	1.72	2.11	1.93	10.18	ppb
Cadmium	111-1	0.07	0.05	-0.01	0.04	103.03	ppb
Cadmium	106-1	-0.62	-0.98	-2.02	-1.21		ppb
Cadmium	108-1	0.05	0.01	0.17	0.08	102.21	ppb
Calcium	43-1	152.94	138.02	138.03	143.00	6.02	ppb
Calcium	44-1	165.42	167.64	160.70	164.58	2.15	ppb
Chromium	52-2	1.77	1.88	2.33	1.99	14.86	ppb
Cobalt	59-2	0.43	0.53	0.55	0.50	12.70	ppb
Copper	63-2	2.71	2.75	3.07	2.84	7.05	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				98		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	1040.70	1076.43	1169.00	1095.38	6.04	ppb
Iron	57-2	1059.43	1020.46	1144.26	1074.72	5.89	ppb
Lead	206-1	11.67	11.90	11.78	11.78	1.00	ppb
Lead	207-1	10.48	10.77	10.83	10.69	1.74	ppb
Lead	208-1	10.99	11.31	11.26	11.19	1.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	205.63	216.60	253.09	225.11	11.04	ppb
Manganese	55-2	6.57	6.54	7.75	6.95	9.89	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:16:08 DataFile Name : 037SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.11	0.09	0.09	15.11	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	30.39	ppb
Molybdenum	96-1	0.08	0.04	0.06	0.06	28.54	ppb
Molybdenum	97-1	0.04	0.01	0.05	0.04	62.50	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	18.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.92	1.01	0.89	15.93	ppb
Phosphorus	31-2	-19.99	-19.99	35.96	-1.34		ppb
Potassium	39-2	17.03	18.90	22.47	19.47	14.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	-0.96	-0.96	-0.63		ppb
Selenium	82-1	0.06	0.89	-0.08	0.29	179.82	ppb
Silicon	28-1	24.11	66.72	22.89	37.91	65.85	ppb
Silver	109-1	0.05	0.04	0.03	0.04	31.02	ppb
Silver	107-1	0.04	0.04	0.04	0.04	10.91	ppb
Sodium	23-2	30.73	32.40	41.61	34.91	16.78	ppb
Strontium	86-1	0.52	0.39	0.40	0.43	16.82	ppb
Strontium	88-1	0.45	0.46	0.48	0.46	2.97	ppb
Sulfur	34-1	-3843.70	-3814.65	-3838.13	-3832.16		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.18	0.17	0.12	0.15	21.67	ppb
Titanium	47-1	31.64	32.07	31.07	31.59	1.59	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.41	ppb
Vanadium	51-2	2.32	2.64	3.01	2.66	12.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	7.95	8.06	9.00	8.33	6.95	ppb
Zirconium	90-1	0.12	0.14	0.14	0.13	9.57	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXM4	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:16:08	DataFile Name :	037SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.13	0.14	0.14	6.55	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:19:20 DataFile Name : 038SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.69	551.30	487.71	511.90	6.72	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	15.34	ppb
Arsenic	75-2	0.14	0.10	0.32	0.19	62.99	ppb
Barium	135-1	4.81	4.55	4.94	4.77	4.18	ppb
Barium	137-1	4.55	4.82	4.69	4.69	2.85	ppb
Beryllium	9-1	0.04	0.11	0.03	0.06	74.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	2.87	1.73	1.03	1.88	49.49	ppb
Boron	11-1	1.64	1.62	1.87	1.71	7.99	ppb
Cadmium	111-1	-0.02	0.06	0.01	0.02	244.69	ppb
Cadmium	106-1	-0.87	0.11	-0.72	-0.49		ppb
Cadmium	108-1	0.13	0.05	0.17	0.11	50.83	ppb
Calcium	43-1	278.15	307.41	276.99	287.52	6.00	ppb
Calcium	44-1	297.65	292.39	284.75	291.60	2.23	ppb
Chromium	52-2	1.41	1.80	1.54	1.58	12.70	ppb
Cobalt	59-2	0.37	0.36	0.37	0.36	1.22	ppb
Copper	63-2	1.41	1.43	1.49	1.45	2.87	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				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	1367.81	1385.43	1372.70	1375.32	0.66	ppb
Iron	57-2	1286.71	1324.72	1343.14	1318.19	2.18	ppb
Lead	206-1	10.12	10.24	10.45	10.27	1.62	ppb
Lead	207-1	9.18	9.26	9.41	9.29	1.25	ppb
Lead	208-1	9.65	9.69	9.81	9.72	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	128.82	137.26	123.91	129.99	5.20	ppb
Manganese	55-2	8.78	8.23	8.59	8.53	3.27	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:19:20 DataFile Name : 038SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.05	0.04	26.06	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	22.78	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.06	13.99	ppb
Molybdenum	97-1	0.07	0.03	0.08	0.06	38.34	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	6.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.72	0.63	0.66	7.48	ppb
Phosphorus	31-2	54.23	55.34	54.89	54.82	1.01	ppb
Potassium	39-2	18.02	44.88	25.95	29.62	46.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	5.89	0.00	0.00	1.96	173.21	ppb
Selenium	78-2	-0.96	0.01	0.00	-0.32		ppb
Selenium	82-1	0.19	0.26	0.30	0.25	23.73	ppb
Silicon	28-1	82.82	84.69	145.92	104.47	34.36	ppb
Silver	109-1	0.05	0.04	0.04	0.04	11.26	ppb
Silver	107-1	0.03	0.03	0.05	0.04	35.05	ppb
Sodium	23-2	42.97	35.01	37.52	38.50	10.57	ppb
Strontium	86-1	1.22	1.26	1.38	1.28	6.64	ppb
Strontium	88-1	1.32	1.29	1.32	1.31	1.17	ppb
Sulfur	34-1	-3493.40	-3833.79	-3771.71	-3699.63		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	27.02	ppb
Tin	118-1	0.17	0.25	0.21	0.21	18.08	ppb
Titanium	47-1	9.76	9.75	10.11	9.87	2.09	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	3.71	ppb
Vanadium	51-2	3.96	3.69	4.05	3.90	4.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	5.52	6.24	5.51	5.75	7.23	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	15.28	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXR3	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:19:20	DataFile Name :	038SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.05	0.03	65.79	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:22:31 DataFile Name : 039SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	654.50	600.16	548.32	600.99	8.83	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	23.94	ppb
Arsenic	75-2	0.55	0.78	0.83	0.72	21.34	ppb
Barium	135-1	8.90	8.67	9.10	8.89	2.44	ppb
Barium	137-1	8.64	8.82	8.78	8.75	1.10	ppb
Beryllium	9-1	0.06	0.16	0.12	0.11	40.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	2.55	2.30	2.71	2.52	8.14	ppb
Boron	11-1	1.91	1.64	2.05	1.87	11.30	ppb
Cadmium	111-1	0.09	0.07	0.12	0.09	22.77	ppb
Cadmium	106-1	-0.95	-1.38	-0.27	-0.87		ppb
Cadmium	108-1	0.20	0.13	0.05	0.13	59.85	ppb
Calcium	43-1	207.27	211.37	210.65	209.76	1.04	ppb
Calcium	44-1	223.49	220.26	219.46	221.07	0.96	ppb
Chromium	52-2	1.62	1.63	1.68	1.65	1.99	ppb
Cobalt	59-2	0.63	0.68	0.56	0.62	9.10	ppb
Copper	63-2	1.75	1.78	1.89	1.81	3.87	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				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2818.43	2844.80	2846.66	2836.63	0.56	ppb
Iron	57-2	2759.49	2822.79	2823.38	2801.88	1.31	ppb
Lead	206-1	33.21	33.50	33.34	33.35	0.44	ppb
Lead	207-1	30.10	30.78	30.08	30.32	1.32	ppb
Lead	208-1	31.47	31.88	31.52	31.62	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	117.01	120.77	136.08	124.62	8.11	ppb
Manganese	55-2	30.81	29.89	30.83	30.51	1.76	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:22:31 DataFile Name : 039SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.09	0.06	44.07	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	8.88	ppb
Molybdenum	96-1	0.11	0.09	0.09	0.10	12.49	ppb
Molybdenum	97-1	0.06	0.13	0.09	0.09	37.62	ppb
Molybdenum	98-1	0.09	0.06	0.10	0.08	29.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.87	0.80	0.81	6.16	ppb
Phosphorus	31-2	102.53	29.83	4.90	45.75	110.87	ppb
Potassium	39-2	-1.10	18.60	5.37	7.62	131.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	5.88	5.81	0.00	3.90	86.61	ppb
Selenium	78-2	0.98	0.00	2.93	1.30	114.33	ppb
Selenium	82-1	0.10	-0.23	-0.53	-0.22		ppb
Silicon	28-1	101.66	97.41	89.51	96.19	6.41	ppb
Silver	109-1	0.01	0.03	0.03	0.02	33.99	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.51	ppb
Sodium	23-2	20.80	15.23	21.00	19.01	17.24	ppb
Strontium	86-1	0.90	0.88	0.85	0.88	2.66	ppb
Strontium	88-1	0.94	0.98	0.90	0.94	4.15	ppb
Sulfur	34-1	-3386.07	-3646.95	-3673.09	-3568.70		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	1612.46	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	46.26	ppb
Tin	118-1	0.12	0.14	0.13	0.13	5.71	ppb
Titanium	47-1	8.12	7.97	7.96	8.02	1.11	ppb
Uranium	238-1	0.08	0.09	0.08	0.09	8.51	ppb
Vanadium	51-2	5.97	6.38	6.20	6.18	3.33	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	8.41	8.88	7.96	8.42	5.47	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	15.45	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXS1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:22:31	DataFile Name :	039SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.12	0.07	54.80	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:25:43 DataFile Name : 040SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.81	47.86	23.95	33.54	37.67	ppb
Antimony	121-1	0.09	0.11	0.10	0.10	6.11	ppb
Arsenic	75-2	0.12	0.09	0.01	0.07	82.55	ppb
Barium	135-1	1.41	1.70	1.62	1.58	9.57	ppb
Barium	137-1	1.43	1.57	1.45	1.48	5.03	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				85		%
Boron	10-1	1.37	1.08	1.60	1.35	19.10	ppb
Boron	11-1	1.44	1.46	1.48	1.46	1.10	ppb
Cadmium	111-1	-0.06	-0.03	0.09	0.00	50108.68	ppb
Cadmium	106-1	-1.62	-1.11	0.37	-0.79		ppb
Cadmium	108-1	0.15	0.08	0.15	0.13	31.44	ppb
Calcium	43-1	93.02	94.35	82.65	90.00	7.12	ppb
Calcium	44-1	99.63	99.51	101.29	100.14	0.99	ppb
Chromium	52-2	0.55	1.06	0.29	0.63	62.36	ppb
Cobalt	59-2	0.01	0.05	0.01	0.02	102.50	ppb
Copper	63-2	0.64	0.75	0.46	0.62	23.76	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				109		%
Holmium	165-2				88		%
Indium	115-1				111		%
Indium	115-2				85		%
Iron	56-2	64.65	82.09	51.84	66.19	22.94	ppb
Iron	57-2	61.83	73.65	49.29	61.59	19.77	ppb
Lead	206-1	0.46	0.45	0.45	0.45	1.63	ppb
Lead	207-1	0.41	0.42	0.37	0.40	6.52	ppb
Lead	208-1	0.42	0.42	0.40	0.41	3.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	23.17	35.65	19.81	26.21	31.84	ppb
Manganese	55-2	2.36	2.60	1.91	2.29	15.20	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:25:43 DataFile Name : 040SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.01	0.01	0.01	149.40	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	63.92	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	36.61	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.00	318.62	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	23.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.28	0.24	0.24	12.33	ppb
Phosphorus	31-2	-19.99	-19.99	3.44	-12.18		ppb
Potassium	39-2	27.13	74.56	6.44	36.04	96.88	ppb
Rhodium	103-1				109		%
Rhodium	103-2				88		%
Scandium	45-1				107		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.37	1.84	-0.96	0.75	200.35	ppb
Selenium	82-1	-0.35	0.30	-0.02	-0.02		ppb
Silicon	28-1	4.58	4.27	3.03	3.96	20.66	ppb
Silver	109-1	0.12	0.12	0.15	0.13	12.48	ppb
Silver	107-1	0.13	0.15	0.15	0.14	11.05	ppb
Sodium	23-2	118.30	170.43	82.99	123.91	35.50	ppb
Strontium	86-1	0.10	0.15	0.17	0.14	23.97	ppb
Strontium	88-1	0.22	0.23	0.25	0.24	5.49	ppb
Sulfur	34-1	-4470.72	-4584.29	-4361.55	-4472.19		ppb
Terbium	159-1				109		%
Terbium	159-2				87		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	452.31	ppb
Tin	118-1	0.79	0.81	0.83	0.81	2.60	ppb
Titanium	47-1	1.20	1.08	1.20	1.16	6.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.00	ppb
Vanadium	51-2	0.17	0.21	0.09	0.16	38.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				85		%
Zinc	66-2	21.37	30.07	17.21	22.88	28.68	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.68	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-04	Instrumnet Name :	P8
Client Sample ID :	MBDY25	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:25:43	DataFile Name :	040SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	56.05	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:28:53 DataFile Name : 041SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.30	76.01	90.29	82.87	8.64	ppb
Antimony	121-1	0.51	0.48	0.50	0.50	3.72	ppb
Arsenic	75-2	0.67	0.76	0.52	0.65	18.66	ppb
Barium	135-1	21.77	21.64	21.39	21.60	0.88	ppb
Barium	137-1	21.63	21.61	21.57	21.60	0.15	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	119.47	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	85.09	84.78	87.54	85.80	1.76	ppb
Boron	11-1	86.52	87.41	88.62	87.51	1.21	ppb
Cadmium	111-1	-0.06	-0.02	0.02	-0.02		ppb
Cadmium	106-1	-1.32	-0.83	-0.09	-0.75		ppb
Cadmium	108-1	0.29	0.11	0.04	0.15	85.40	ppb
Calcium	43-1	31294.45	31118.59	31445.31	31286.12	0.52	ppb
Calcium	44-1	31621.82	31311.46	31333.08	31422.12	0.55	ppb
Chromium	52-2	0.64	1.00	0.89	0.84	21.81	ppb
Cobalt	59-2	0.21	0.26	0.19	0.22	17.07	ppb
Copper	63-2	4.02	4.28	4.08	4.13	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	651.21	681.21	654.25	662.22	2.49	ppb
Iron	57-2	646.30	645.84	642.61	644.92	0.31	ppb
Lead	206-1	0.85	0.95	0.89	0.90	5.60	ppb
Lead	207-1	0.76	0.82	0.78	0.79	3.98	ppb
Lead	208-1	0.83	0.88	0.87	0.86	2.89	ppb
Lithium	6-1				114		%
Magnesium	24-2	9762.12	9594.72	9637.15	9664.66	0.90	ppb
Manganese	55-2	94.20	90.96	87.52	90.89	3.68	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:28:53 DataFile Name : 041SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.26	0.24	0.26	5.72	ppb
Molybdenum	95-1	0.71	0.60	0.62	0.64	8.64	ppb
Molybdenum	96-1	0.49	0.53	0.53	0.52	5.00	ppb
Molybdenum	97-1	0.78	0.61	0.63	0.68	13.56	ppb
Molybdenum	98-1	0.66	0.63	0.61	0.64	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.96	0.95	0.93	4.52	ppb
Phosphorus	31-2	4.83	54.82	54.23	37.96	75.59	ppb
Potassium	39-2	3000.26	2987.83	2919.02	2969.04	1.47	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.00	-0.96	-0.64		ppb
Selenium	82-1	0.32	0.49	0.54	0.45	25.55	ppb
Silicon	28-1	4966.74	5025.03	4920.85	4970.87	1.05	ppb
Silver	109-1	0.16	0.17	0.15	0.16	3.95	ppb
Silver	107-1	0.13	0.15	0.15	0.14	6.01	ppb
Sodium	23-2	37503.92	37821.90	36921.27	37415.70	1.22	ppb
Strontium	86-1	92.24	92.33	97.74	94.10	3.35	ppb
Strontium	88-1	97.53	95.58	96.23	96.45	1.03	ppb
Sulfur	34-1	3143.90	3453.71	3374.70	3324.10	4.84	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.12	0.16	0.15	0.15	13.78	ppb
Titanium	47-1	6.47	4.19	3.57	4.74	32.12	ppb
Uranium	238-1	0.10	0.09	0.09	0.10	3.01	ppb
Vanadium	51-2	3.36	3.22	3.35	3.31	2.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	23.91	25.33	23.21	24.15	4.47	ppb
Zirconium	90-1	0.13	0.10	0.08	0.10	22.11	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-05	Instrumnet Name :	P8
Client Sample ID :	MBDXK9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:28:53	DataFile Name :	041SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.19	0.11	0.14	32.60	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:32:00 DataFile Name : 042SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2760.40	2768.30	2694.56	2741.09	1.48	ppb
Antimony	121-1	0.54	0.53	0.52	0.53	1.34	ppb
Arsenic	75-2	3.69	3.75	3.59	3.68	2.14	ppb
Barium	135-1	77.80	80.00	79.58	79.12	1.48	ppb
Barium	137-1	78.01	79.36	78.95	78.78	0.88	ppb
Beryllium	9-1	0.26	0.19	0.24	0.23	15.05	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	906.29	934.50	927.54	922.78	1.59	ppb
Boron	11-1	902.42	952.87	937.59	930.96	2.78	ppb
Cadmium	111-1	0.69	0.67	0.60	0.65	7.05	ppb
Cadmium	106-1	0.36	-0.12	0.05	0.10	248.80	ppb
Cadmium	108-1	0.85	1.00	0.79	0.88	12.59	ppb
Calcium	43-1	82295.50	81083.09	81514.11	81630.90	0.75	ppb
Calcium	44-1	80344.98	80087.56	79595.10	80009.21	0.48	ppb
Chromium	52-2	12.03	11.84	12.20	12.02	1.50	ppb
Cobalt	59-2	4.66	4.67	4.45	4.59	2.73	ppb
Copper	63-2	28.64	28.61	28.39	28.55	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	56-2	12313.39	12274.58	12352.08	12313.35	0.31	ppb
Iron	57-2	12067.22	11998.39	11968.15	12011.25	0.42	ppb
Lead	206-1	59.25	59.93	59.85	59.68	0.63	ppb
Lead	207-1	54.03	54.37	54.52	54.31	0.46	ppb
Lead	208-1	56.38	56.94	56.98	56.77	0.59	ppb
Lithium	6-1				115		%
Magnesium	24-2	25903.81	25926.45	25762.76	25864.34	0.34	ppb
Manganese	55-2	692.00	689.30	681.38	687.56	0.80	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:32:00 DataFile Name : 042SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.38	0.32	0.35	7.57	ppb
Molybdenum	95-1	0.38	0.37	0.46	0.40	12.32	ppb
Molybdenum	96-1	0.40	0.37	0.41	0.39	5.56	ppb
Molybdenum	97-1	0.35	0.39	0.37	0.37	5.58	ppb
Molybdenum	98-1	0.44	0.36	0.38	0.40	9.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.43	7.19	7.28	7.30	1.66	ppb
Phosphorus	31-2	543.99	497.75	418.52	486.75	13.04	ppb
Potassium	39-2	2002.88	1986.73	1977.84	1989.15	0.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	23.05	23.15	35.14	27.11	25.64	ppb
Selenium	78-2	0.94	2.87	0.97	1.60	69.19	ppb
Selenium	82-1	0.54	1.20	0.79	0.84	39.43	ppb
Silicon	28-1	14668.74	14518.14	14352.19	14513.03	1.09	ppb
Silver	109-1	0.83	0.87	0.85	0.85	2.62	ppb
Silver	107-1	0.87	0.86	0.87	0.87	0.57	ppb
Sodium	23-2	32946.96	33228.21	32613.09	32929.42	0.94	ppb
Strontium	86-1	152.93	150.73	152.15	151.94	0.73	ppb
Strontium	88-1	157.33	157.00	156.28	156.87	0.34	ppb
Sulfur	34-1	7340.36	7180.67	6907.82	7142.95	3.06	ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.05	0.06	0.05	21.05	ppb
Thallium	205-1	0.06	0.05	0.03	0.05	23.60	ppb
Tin	118-1	0.96	1.01	0.95	0.97	2.96	ppb
Titanium	47-1	73.40	70.52	75.75	73.22	3.57	ppb
Uranium	238-1	0.83	0.80	0.81	0.81	1.32	ppb
Vanadium	51-2	29.47	29.47	29.17	29.37	0.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	176.67	174.82	171.77	174.42	1.42	ppb
Zirconium	90-1	0.35	0.36	0.35	0.35	1.46	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-06	Instrumnet Name :	P8
Client Sample ID :	MBDXL0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:32:00	DataFile Name :	042SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.37	0.38	0.37	2.81	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:35:08 DataFile Name : 043SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.11	67.14	80.47	76.90	11.13	ppb
Antimony	121-1	0.44	0.46	0.50	0.47	6.40	ppb
Arsenic	75-2	0.82	1.20	0.64	0.88	32.53	ppb
Barium	135-1	19.70	19.67	19.15	19.51	1.60	ppb
Barium	137-1	19.75	19.34	19.66	19.58	1.09	ppb
Beryllium	9-1	-0.01	0.01	0.05	0.01	221.21	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	113.87	115.11	118.40	115.79	2.03	ppb
Boron	11-1	118.44	116.77	118.07	117.76	0.74	ppb
Cadmium	111-1	-0.03	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-0.79	-0.85	-1.23	-0.96		ppb
Cadmium	108-1	0.18	0.11	0.11	0.14	29.33	ppb
Calcium	43-1	26967.86	27668.18	27280.36	27305.47	1.28	ppb
Calcium	44-1	27051.10	27836.73	27363.79	27417.21	1.44	ppb
Chromium	52-2	1.09	0.76	1.29	1.05	25.28	ppb
Cobalt	59-2	0.18	0.18	0.20	0.19	6.93	ppb
Copper	63-2	4.40	4.33	4.25	4.33	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				96		%
Iron	56-2	502.41	493.57	491.08	495.69	1.20	ppb
Iron	57-2	487.95	505.28	443.18	478.80	6.69	ppb
Lead	206-1	0.94	0.87	0.89	0.90	3.88	ppb
Lead	207-1	0.81	0.78	0.81	0.80	2.11	ppb
Lead	208-1	0.85	0.85	0.85	0.85	0.23	ppb
Lithium	6-1				114		%
Magnesium	24-2	8318.21	8434.79	8306.34	8353.11	0.85	ppb
Manganese	55-2	100.64	103.70	101.66	102.00	1.53	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:35:08 DataFile Name : 043SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.29	0.30	0.29	3.41	ppb
Molybdenum	95-1	0.72	0.65	0.64	0.67	6.24	ppb
Molybdenum	96-1	0.61	0.62	0.65	0.63	2.88	ppb
Molybdenum	97-1	0.66	0.60	0.68	0.65	6.64	ppb
Molybdenum	98-1	0.71	0.64	0.68	0.68	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.05	0.94	1.00	5.96	ppb
Phosphorus	31-2	59.68	116.21	33.70	69.86	60.38	ppb
Potassium	39-2	2781.21	2705.24	2716.24	2734.23	1.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	-0.96	-0.96	-0.29		ppb
Selenium	82-1	0.08	0.45	0.36	0.30	65.73	ppb
Silicon	28-1	4189.71	4187.06	4186.13	4187.63	0.04	ppb
Silver	109-1	0.14	0.12	0.13	0.13	7.21	ppb
Silver	107-1	0.14	0.14	0.14	0.14	1.11	ppb
Sodium	23-2	31560.73	31850.64	32105.51	31838.96	0.86	ppb
Strontium	86-1	80.20	80.18	81.18	80.52	0.71	ppb
Strontium	88-1	84.46	83.14	85.63	84.41	1.48	ppb
Sulfur	34-1	2134.18	2555.49	2572.32	2420.66	10.26	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.18	0.22	0.18	0.20	9.53	ppb
Titanium	47-1	2.61	4.81	3.15	3.52	32.62	ppb
Uranium	238-1	0.09	0.09	0.10	0.09	5.42	ppb
Vanadium	51-2	2.97	2.95	2.52	2.81	9.10	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	22.13	23.10	23.30	22.84	2.74	ppb
Zirconium	90-1	0.06	0.08	0.08	0.07	14.35	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-07	Instrumnet Name :	P8
Client Sample ID :	MBDXL1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:35:08	DataFile Name :	043SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.12	0.11	15.50	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:38:16 DataFile Name : 044SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.84	88.55	73.72	85.37	12.22	ppb
Antimony	121-1	0.16	0.14	0.16	0.15	7.89	ppb
Arsenic	75-2	0.88	0.83	0.81	0.84	4.80	ppb
Barium	135-1	34.48	35.24	35.64	35.12	1.68	ppb
Barium	137-1	34.55	34.95	35.16	34.89	0.88	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	25.21	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	1039.08	1051.78	1058.63	1049.83	0.94	ppb
Boron	11-1	1056.43	1061.17	1059.49	1059.03	0.23	ppb
Cadmium	111-1	-0.01	-0.08	0.06	-0.01		ppb
Cadmium	106-1	-0.75	-1.95	0.22	-0.82		ppb
Cadmium	108-1	0.11	0.15	0.11	0.12	16.07	ppb
Calcium	43-1	86637.55	87690.75	86193.44	86840.58	0.89	ppb
Calcium	44-1	84897.22	85012.17	84393.88	84767.76	0.39	ppb
Chromium	52-2	0.77	0.67	0.64	0.69	9.85	ppb
Cobalt	59-2	0.31	0.33	0.30	0.31	4.90	ppb
Copper	63-2	1.47	1.60	1.62	1.56	4.99	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				112		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				94		%
Iron	56-2	506.32	522.40	521.31	516.68	1.74	ppb
Iron	57-2	539.25	500.65	530.15	523.35	3.86	ppb
Lead	206-1	3.20	3.16	3.11	3.16	1.38	ppb
Lead	207-1	2.89	2.84	2.83	2.85	1.01	ppb
Lead	208-1	3.00	3.01	2.93	2.98	1.43	ppb
Lithium	6-1				114		%
Magnesium	24-2	27001.78	27821.20	27615.27	27479.42	1.55	ppb
Manganese	55-2	173.87	181.90	177.87	177.88	2.26	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:38:16 DataFile Name : 044SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.11	0.10	8.39	ppb
Molybdenum	95-1	0.25	0.28	0.23	0.26	8.88	ppb
Molybdenum	96-1	0.22	0.18	0.18	0.20	12.07	ppb
Molybdenum	97-1	0.21	0.22	0.28	0.24	15.74	ppb
Molybdenum	98-1	0.27	0.25	0.22	0.25	9.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.24	0.98	1.10	11.78	ppb
Phosphorus	31-2	61.17	92.71	64.84	72.91	23.66	ppb
Potassium	39-2	1481.54	1474.65	1431.14	1462.44	1.87	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.09	-0.96	0.08	0.07	1463.90	ppb
Selenium	82-1	0.70	0.38	0.10	0.39	76.60	ppb
Silicon	28-1	12208.39	12118.01	12305.93	12210.77	0.77	ppb
Silver	109-1	0.09	0.12	0.12	0.11	14.28	ppb
Silver	107-1	0.09	0.12	0.12	0.11	16.42	ppb
Sodium	23-2	30785.82	31936.19	31326.30	31349.44	1.84	ppb
Strontium	86-1	153.36	154.24	154.71	154.10	0.44	ppb
Strontium	88-1	158.63	159.26	159.74	159.21	0.35	ppb
Sulfur	34-1	7008.38	7033.22	7443.92	7161.84	3.42	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.13	0.12	0.10	0.12	16.92	ppb
Titanium	47-1	3.71	4.96	18.22	8.96	89.70	ppb
Uranium	238-1	0.54	0.57	0.57	0.56	3.36	ppb
Vanadium	51-2	4.45	4.53	4.41	4.46	1.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	24.29	28.65	25.89	26.27	8.39	ppb
Zirconium	90-1	0.03	0.02	0.05	0.04	48.68	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-08	Instrumnet Name :	P8
Client Sample ID :	MBDXL5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:38:16	DataFile Name :	044SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.04	0.05	18.54	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:41:25 DataFile Name : 045SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	117.52	127.69	87.10	110.77	19.07	ppb
Antimony	121-1	0.44	0.46	0.48	0.46	3.63	ppb
Arsenic	75-2	0.87	0.81	0.64	0.78	15.28	ppb
Barium	135-1	21.28	21.89	21.57	21.58	1.41	ppb
Barium	137-1	21.49	21.65	21.47	21.54	0.47	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	48.69	ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	124.93	128.85	127.31	127.03	1.55	ppb
Boron	11-1	127.60	127.03	125.70	126.78	0.77	ppb
Cadmium	111-1	0.02	-0.06	0.01	-0.01		ppb
Cadmium	106-1	-0.45	-1.07	-0.40	-0.64		ppb
Cadmium	108-1	0.04	0.15	0.11	0.10	52.58	ppb
Calcium	43-1	28875.74	28963.88	29035.96	28958.53	0.28	ppb
Calcium	44-1	28973.86	29162.75	28867.89	29001.50	0.52	ppb
Chromium	52-2	0.92	1.00	0.86	0.93	7.83	ppb
Cobalt	59-2	0.26	0.22	0.20	0.22	13.24	ppb
Copper	63-2	4.60	4.63	4.64	4.62	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	56-2	604.28	591.38	594.25	596.64	1.14	ppb
Iron	57-2	610.81	609.75	580.30	600.29	2.89	ppb
Lead	206-1	1.25	1.21	1.20	1.22	2.24	ppb
Lead	207-1	1.09	1.12	1.10	1.10	1.40	ppb
Lead	208-1	1.15	1.14	1.16	1.15	0.51	ppb
Lithium	6-1				113		%
Magnesium	24-2	9064.05	8829.81	8924.06	8939.31	1.32	ppb
Manganese	55-2	107.68	108.85	107.07	107.86	0.84	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:41:25 DataFile Name : 045SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.27	0.29	0.30	14.09	ppb
Molybdenum	95-1	0.85	0.73	0.76	0.78	8.05	ppb
Molybdenum	96-1	0.76	0.68	0.68	0.71	6.81	ppb
Molybdenum	97-1	0.80	0.78	0.87	0.82	5.47	ppb
Molybdenum	98-1	0.67	0.81	0.77	0.75	9.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.99	1.20	1.09	9.63	ppb
Phosphorus	31-2	175.29	8.07	64.95	82.77	102.73	ppb
Potassium	39-2	3069.70	2999.44	2899.53	2989.55	2.86	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	6.39	2.13	173.21	ppb
Selenium	78-2	-0.96	1.15	0.09	0.09	1135.48	ppb
Selenium	82-1	-0.35	0.33	0.21	0.06	562.70	ppb
Silicon	28-1	4239.40	4141.94	4144.20	4175.18	1.33	ppb
Silver	109-1	0.11	0.11	0.15	0.12	15.36	ppb
Silver	107-1	0.12	0.12	0.12	0.12	3.13	ppb
Sodium	23-2	36454.61	35862.94	36017.29	36111.61	0.85	ppb
Strontium	86-1	89.26	88.77	89.79	89.27	0.57	ppb
Strontium	88-1	93.98	91.55	93.01	92.85	1.32	ppb
Sulfur	34-1	3284.13	3023.40	3322.87	3210.13	5.07	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.13	0.15	0.17	0.15	10.60	ppb
Titanium	47-1	4.03	4.29	7.28	5.20	34.75	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	6.94	ppb
Vanadium	51-2	3.04	2.71	2.85	2.87	5.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	24.73	25.09	25.04	24.95	0.78	ppb
Zirconium	90-1	0.08	0.08	0.14	0.10	31.99	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-09	Instrumnet Name :	P8
Client Sample ID :	MBDY66	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:41:25	DataFile Name :	045SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.12	0.08	0.11	23.57	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:44:34 DataFile Name : 046SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.32	96.98	62.10	78.47	22.35	ppb
Antimony	121-1	0.51	0.49	0.53	0.51	4.14	ppb
Arsenic	75-2	0.72	0.77	0.67	0.72	6.47	ppb
Barium	135-1	21.33	20.35	20.41	20.70	2.66	ppb
Barium	137-1	21.21	21.04	20.45	20.90	1.89	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	36.07	ppb
Bismuth	209-1				115		%
Bismuth	209-2				98		%
Boron	10-1	97.03	100.24	108.81	102.03	5.97	ppb
Boron	11-1	101.03	102.58	100.73	101.44	0.98	ppb
Cadmium	111-1	-0.06	-0.01	-0.01	-0.03		ppb
Cadmium	106-1	-1.49	-0.71	-0.47	-0.89		ppb
Cadmium	108-1	0.01	0.04	0.18	0.08	117.07	ppb
Calcium	43-1	31540.56	31081.11	31067.10	31229.59	0.86	ppb
Calcium	44-1	31791.55	31148.41	31228.59	31389.52	1.12	ppb
Chromium	52-2	0.83	1.02	1.02	0.96	11.51	ppb
Cobalt	59-2	0.21	0.19	0.21	0.20	4.11	ppb
Copper	63-2	4.45	4.97	4.81	4.74	5.67	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				113		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				90		%
Iron	56-2	671.32	772.47	698.59	714.13	7.33	ppb
Iron	57-2	674.56	722.10	685.06	693.91	3.60	ppb
Lead	206-1	0.89	0.91	0.98	0.93	4.93	ppb
Lead	207-1	0.88	0.79	0.85	0.84	5.42	ppb
Lead	208-1	0.85	0.86	0.88	0.86	1.87	ppb
Lithium	6-1				113		%
Magnesium	24-2	9827.24	10865.83	10067.14	10253.40	5.30	ppb
Manganese	55-2	89.75	99.93	92.77	94.15	5.56	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:44:34 DataFile Name : 046SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.29	0.28	0.28	3.16	ppb
Molybdenum	95-1	0.66	0.57	0.74	0.66	12.56	ppb
Molybdenum	96-1	0.56	0.59	0.58	0.58	3.00	ppb
Molybdenum	97-1	0.66	0.60	0.74	0.67	10.13	ppb
Molybdenum	98-1	0.58	0.61	0.62	0.60	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.19	1.07	1.04	15.89	ppb
Phosphorus	31-2	37.07	75.92	69.51	60.83	34.24	ppb
Potassium	39-2	2907.25	3190.79	2948.82	3015.62	5.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				80		%
Selenium	77-2	6.39	0.00	0.00	2.13	173.21	ppb
Selenium	78-2	1.15	0.20	0.10	0.49	119.10	ppb
Selenium	82-1	0.37	0.52	0.46	0.45	16.48	ppb
Silicon	28-1	4810.53	4739.95	4716.95	4755.81	1.03	ppb
Silver	109-1	0.09	0.11	0.10	0.10	7.40	ppb
Silver	107-1	0.09	0.11	0.12	0.10	13.95	ppb
Sodium	23-2	37365.89	41641.48	38765.95	39257.77	5.55	ppb
Strontium	86-1	92.40	90.39	91.39	91.39	1.10	ppb
Strontium	88-1	96.33	97.50	95.60	96.48	0.99	ppb
Sulfur	34-1	3670.48	3423.60	3432.33	3508.80	3.99	ppb
Terbium	159-1				113		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.11	0.14	0.10	0.12	13.65	ppb
Titanium	47-1	3.71	4.07	3.88	3.89	4.64	ppb
Uranium	238-1	0.11	0.09	0.10	0.10	10.31	ppb
Vanadium	51-2	3.22	3.93	3.61	3.59	9.87	ppb
Yttrium	89-1				106		%
Yttrium	89-2				88		%
Zinc	66-2	24.14	26.35	26.62	25.71	5.30	ppb
Zirconium	90-1	0.10	0.14	0.10	0.11	19.71	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10	Instrumnet Name :	P8
Client Sample ID :	MBDXL7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:44:34	DataFile Name :	046SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.10	0.10	2.33	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:47:43	DataFile Name :	047CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47732.30	48198.11	47711.36	47880.59	0.57	ppb
Antimony	121-1	487.94	489.21	485.31	487.49	0.41	ppb
Arsenic	75-2	491.29	498.22	490.45	493.32	0.86	ppb
Barium	135-1	2473.04	2495.67	2479.44	2482.72	0.47	ppb
Barium	137-1	2476.45	2486.21	2471.16	2477.94	0.31	ppb
Beryllium	9-1	503.18	496.73	500.30	500.07	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				94		%
Boron	10-1	504.16	500.92	520.71	508.60	2.09	ppb
Boron	11-1	502.74	510.20	522.72	511.89	1.97	ppb
Cadmium	111-1	474.18	476.65	471.94	474.26	0.50	ppb
Cadmium	106-1	488.75	487.29	480.75	485.60	0.88	ppb
Cadmium	108-1	476.77	472.62	478.29	475.89	0.62	ppb
Calcium	43-1	252446.17	248226.80	250211.07	250294.68	0.84	ppb
Calcium	44-1	249034.77	247085.88	247354.06	247824.90	0.43	ppb
Chromium	52-2	514.45	523.19	513.59	517.08	1.03	ppb
Cobalt	59-2	502.63	510.66	505.06	506.12	0.81	ppb
Copper	63-2	984.84	1007.82	989.74	994.13	1.22	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				106		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	122737.42	124493.65	122520.24	123250.44	0.88	ppb
Iron	57-2	118757.46	121767.89	119084.57	119869.97	1.38	ppb
Lead	206-1	512.58	506.32	506.09	508.33	0.72	ppb
Lead	207-1	509.17	509.88	510.17	509.74	0.10	ppb
Lead	208-1	508.32	505.16	504.81	506.09	0.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	253426.64	258474.35	255997.89	255966.29	0.99	ppb
Manganese	55-2	998.19	1029.28	998.02	1008.49	1.78	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:47:43	DataFile Name :	047CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.40	507.96	501.45	505.60	0.71	ppb
Molybdenum	95-1	503.78	500.73	499.21	501.24	0.46	ppb
Molybdenum	96-1	504.60	507.42	499.46	503.83	0.80	ppb
Molybdenum	97-1	494.24	493.25	490.58	492.69	0.38	ppb
Molybdenum	98-1	504.37	505.98	506.85	505.73	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.41	511.15	509.16	508.58	0.57	ppb
Phosphorus	31-2	9930.15	9428.06	9560.35	9639.52	2.70	ppb
Potassium	39-2	121629.48	125257.76	123551.91	123479.72	1.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	464.00	525.58	449.44	479.67	8.43	ppb
Selenium	78-2	501.81	517.54	481.30	500.22	3.63	ppb
Selenium	82-1	489.10	487.75	484.42	487.09	0.49	ppb
Silicon	28-1	507.01	494.79	504.67	502.16	1.29	ppb
Silver	109-1	480.72	483.38	483.41	482.50	0.32	ppb
Silver	107-1	478.63	481.43	484.98	481.68	0.66	ppb
Sodium	23-2	242189.40	247025.64	242131.59	243782.21	1.15	ppb
Strontium	86-1	507.67	504.09	500.62	504.13	0.70	ppb
Strontium	88-1	513.41	515.74	511.24	513.46	0.44	ppb
Sulfur	34-1	10433.19	10096.38	10355.54	10295.04	1.71	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	513.71	504.48	508.03	508.74	0.92	ppb
Thallium	205-1	507.42	502.16	505.81	505.13	0.53	ppb
Tin	118-1	501.08	500.61	495.47	499.05	0.62	ppb
Titanium	47-1	499.10	488.09	493.37	493.52	1.12	ppb
Uranium	238-1	512.09	508.94	514.51	511.85	0.54	ppb
Vanadium	51-2	507.83	518.68	509.77	512.09	1.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	993.34	1007.60	1005.72	1002.22	0.77	ppb
Zirconium	90-1	496.58	500.11	492.85	496.51	0.73	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:47:43	DataFile Name :	047CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.96	491.17	486.29	489.48	0.56	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-2.09	-5.90	-2.72		ppb
Antimony	121-1	0.21	0.23	0.22	0.22	4.74	ppb
Arsenic	75-2	-0.01	-0.01	0.04	0.00	825.01	ppb
Barium	135-1	0.01	0.00	0.01	0.01	71.11	ppb
Barium	137-1	0.02	0.02	0.02	0.02	26.38	ppb
Beryllium	9-1	0.16	0.11	0.09	0.12	30.73	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	26.09	21.53	24.51	24.04	9.63	ppb
Boron	11-1	28.27	25.03	25.68	26.33	6.52	ppb
Cadmium	111-1	0.05	0.01	-0.01	0.02	194.65	ppb
Cadmium	106-1	0.25	-0.56	-0.79	-0.37		ppb
Cadmium	108-1	0.19	0.08	0.16	0.14	39.01	ppb
Calcium	43-1	-22.79	-19.20	-7.03	-16.34		ppb
Calcium	44-1	7.22	3.40	4.31	4.98	40.10	ppb
Chromium	52-2	0.08	-0.02	0.00	0.02	252.94	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.13	0.10	0.10	21.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	1.22	0.95	0.91	1.03	16.63	ppb
Iron	57-2	-0.65	0.44	1.57	0.46	243.12	ppb
Lead	206-1	0.06	0.05	0.05	0.05	4.09	ppb
Lead	207-1	0.05	0.07	0.08	0.07	23.98	ppb
Lead	208-1	0.05	0.05	0.06	0.05	9.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.73	4.94	0.92	3.20	64.59	ppb
Manganese	55-2	-0.04	-0.04	-0.06	-0.05		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	19.22	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	31.01	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	12.49	ppb
Molybdenum	97-1	0.04	0.02	0.01	0.02	63.31	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.03	0.03	-0.03		ppb
Phosphorus	31-2	-19.99	8.41	-19.99	-10.52		ppb
Potassium	39-2	16.41	17.52	22.71	18.88	17.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.09	-0.96	-0.61		ppb
Selenium	82-1	0.34	0.71	-0.37	0.23	242.88	ppb
Silicon	28-1	-19.84	-21.02	-21.49	-20.78		ppb
Silver	109-1	0.05	0.05	0.06	0.05	11.20	ppb
Silver	107-1	0.06	0.06	0.05	0.05	9.57	ppb
Sodium	23-2	67.30	55.10	48.60	57.00	16.65	ppb
Strontium	86-1	0.04	-0.01	0.02	0.02	144.04	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	42.92	ppb
Sulfur	34-1	-105.29	-206.88	-144.85	-152.34		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.06	0.06	10.28	ppb
Thallium	205-1	0.06	0.06	0.04	0.06	22.62	ppb
Tin	118-1	0.03	0.02	0.05	0.03	52.11	ppb
Titanium	47-1	0.04	-0.05	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.72	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	41.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	0.41	0.28	0.39	0.36	20.12	ppb
Zirconium	90-1	0.02	0.04	0.02	0.02	41.70	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.05	0.04	24.29	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:53:56 DataFile Name : 049SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.75	106.81	87.62	95.06	10.83	ppb
Antimony	121-1	0.65	0.64	0.64	0.64	0.54	ppb
Arsenic	75-2	1.11	1.22	1.05	1.13	7.75	ppb
Barium	135-1	21.40	20.49	20.66	20.85	2.30	ppb
Barium	137-1	21.17	20.39	20.85	20.80	1.88	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	47.11	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Boron	10-1	99.83	102.74	102.10	101.56	1.50	ppb
Boron	11-1	101.83	100.87	105.55	102.75	2.41	ppb
Cadmium	111-1	0.03	-0.01	0.04	0.02	136.52	ppb
Cadmium	106-1	-0.47	-1.14	-0.65	-0.76		ppb
Cadmium	108-1	0.11	0.24	0.24	0.20	39.60	ppb
Calcium	43-1	31391.25	30987.64	31326.81	31235.23	0.69	ppb
Calcium	44-1	31612.57	30852.16	31802.16	31422.30	1.60	ppb
Chromium	52-2	0.89	0.96	0.78	0.88	10.42	ppb
Cobalt	59-2	0.24	0.22	0.18	0.21	14.02	ppb
Copper	63-2	4.57	4.50	4.48	4.52	1.08	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				117		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	674.11	670.89	680.71	675.24	0.74	ppb
Iron	57-2	679.76	684.72	659.92	674.80	1.95	ppb
Lead	206-1	0.95	0.93	0.98	0.95	2.47	ppb
Lead	207-1	0.85	0.88	0.93	0.89	4.30	ppb
Lead	208-1	0.89	0.89	0.91	0.90	1.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	9777.10	9664.51	9780.57	9740.73	0.68	ppb
Manganese	55-2	89.34	89.68	90.53	89.85	0.68	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:53:56 DataFile Name : 049SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.26	0.27	0.26	2.91	ppb
Molybdenum	95-1	0.61	0.70	0.56	0.63	10.97	ppb
Molybdenum	96-1	0.60	0.59	0.65	0.61	5.28	ppb
Molybdenum	97-1	0.70	0.60	0.61	0.64	8.56	ppb
Molybdenum	98-1	0.62	0.66	0.63	0.63	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.04	0.83	0.96	11.55	ppb
Phosphorus	31-2	7.20	33.39	34.73	25.11	61.81	ppb
Potassium	39-2	2915.06	2886.84	2962.04	2921.31	1.30	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	77-2	6.15	6.02	0.00	4.06	86.62	ppb
Selenium	78-2	-0.96	-0.96	-0.96	-0.96		ppb
Selenium	82-1	0.16	0.32	0.28	0.25	33.45	ppb
Silicon	28-1	4822.32	4789.77	4764.49	4792.20	0.60	ppb
Silver	109-1	0.15	0.18	0.18	0.17	9.12	ppb
Silver	107-1	0.16	0.15	0.19	0.17	10.88	ppb
Sodium	23-2	37700.48	37658.12	37543.39	37634.00	0.22	ppb
Strontium	86-1	92.68	90.72	91.21	91.54	1.12	ppb
Strontium	88-1	95.70	95.56	94.95	95.40	0.42	ppb
Sulfur	34-1	4304.53	4001.85	4211.03	4172.47	3.71	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.07	0.09	0.09	21.68	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	12.74	ppb
Tin	118-1	0.10	0.15	0.14	0.13	20.57	ppb
Titanium	47-1	3.43	3.89	4.25	3.86	10.54	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.66	ppb
Vanadium	51-2	3.36	3.42	3.39	3.39	0.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	26.70	26.82	23.33	25.62	7.73	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	0.87	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-11	Instrumnet Name :	P8
Client Sample ID :	MBDXL7D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:53:56	DataFile Name :	049SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.17	0.11	0.13	32.61	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LX5 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 18:57:05 DataFile Name : 050SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.75	3.61	15.25	9.54	61.03	ppb
Antimony	121-1	0.13	0.15	0.15	0.14	8.90	ppb
Arsenic	75-2	0.26	0.28	0.28	0.27	4.83	ppb
Barium	135-1	4.36	4.24	4.19	4.27	2.12	ppb
Barium	137-1	4.19	4.13	4.06	4.13	1.63	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	22.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	32.34	33.12	33.21	32.89	1.46	ppb
Boron	11-1	31.44	31.57	32.71	31.90	2.19	ppb
Cadmium	111-1	-0.06	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-1.15	-0.40	-0.49	-0.68		ppb
Cadmium	108-1	0.01	-0.03	0.15	0.05	206.51	ppb
Calcium	43-1	6043.49	6058.05	6096.14	6065.89	0.45	ppb
Calcium	44-1	6249.07	6250.91	6316.92	6272.30	0.62	ppb
Chromium	52-2	0.25	0.27	0.22	0.25	10.54	ppb
Cobalt	59-2	0.03	0.03	0.01	0.02	62.93	ppb
Copper	63-2	1.06	0.94	0.91	0.97	8.33	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				109		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	132.73	130.86	131.55	131.71	0.72	ppb
Iron	57-2	132.84	139.43	137.67	136.65	2.50	ppb
Lead	206-1	0.19	0.18	0.20	0.19	5.61	ppb
Lead	207-1	0.17	0.18	0.18	0.18	4.37	ppb
Lead	208-1	0.19	0.18	0.19	0.19	4.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	1993.31	1929.94	1923.28	1948.84	1.98	ppb
Manganese	55-2	17.31	16.40	17.77	17.16	4.06	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LX5 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 18:57:05 DataFile Name : 050SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.06	0.06	4.45	ppb
Molybdenum	95-1	0.18	0.12	0.12	0.14	22.46	ppb
Molybdenum	96-1	0.09	0.10	0.12	0.10	16.79	ppb
Molybdenum	97-1	0.17	0.10	0.12	0.13	26.76	ppb
Molybdenum	98-1	0.15	0.16	0.13	0.15	13.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.20	0.15	0.21	30.60	ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	585.14	563.61	556.30	568.35	2.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.09	-0.96	-0.61		ppb
Selenium	82-1	-0.06	0.03	0.11	0.03	307.91	ppb
Silicon	28-1	928.69	933.68	940.14	934.17	0.61	ppb
Silver	109-1	0.05	0.07	0.07	0.06	14.16	ppb
Silver	107-1	0.06	0.07	0.07	0.07	9.34	ppb
Sodium	23-2	7438.15	7264.32	7258.95	7320.48	1.39	ppb
Strontium	86-1	18.03	17.79	18.04	17.95	0.78	ppb
Strontium	88-1	18.33	18.28	18.30	18.30	0.16	ppb
Sulfur	34-1	659.78	600.28	640.77	633.61	4.80	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	-0.01	0.00	0.01	318.54	ppb
Titanium	47-1	0.63	0.73	1.54	0.97	51.68	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	34.73	ppb
Vanadium	51-2	0.73	0.67	0.70	0.70	3.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	5.03	4.40	4.45	4.63	7.49	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	57.77	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDXL7L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-02 18:57:05	DataFile Name :	050SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.03	0.02	82.10	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:00:15 DataFile Name : 051SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2073.08	2038.93	2064.92	2058.98	0.87	ppb
Antimony	121-1	106.56	106.06	106.80	106.47	0.36	ppb
Arsenic	75-2	44.98	44.22	43.92	44.37	1.23	ppb
Barium	135-1	2210.95	2192.16	2216.95	2206.68	0.59	ppb
Barium	137-1	2190.33	2188.24	2192.80	2190.46	0.10	ppb
Beryllium	9-1	52.03	51.05	51.60	51.56	0.94	ppb
Bismuth	209-1				119		%
Bismuth	209-2				102		%
Boron	10-1	96.94	90.39	96.77	94.70	3.94	ppb
Boron	11-1	92.86	92.76	93.47	93.03	0.41	ppb
Cadmium	111-1	52.93	53.00	52.96	52.96	0.06	ppb
Cadmium	106-1	43.30	46.49	45.46	45.08	3.60	ppb
Cadmium	108-1	47.24	48.08	48.79	48.04	1.61	ppb
Calcium	43-1	31202.82	31034.01	31217.84	31151.56	0.33	ppb
Calcium	44-1	31177.44	31177.84	31272.83	31209.37	0.18	ppb
Chromium	52-2	227.49	227.64	232.31	229.14	1.20	ppb
Cobalt	59-2	583.72	583.76	598.95	588.81	1.49	ppb
Copper	63-2	298.37	297.76	305.30	300.48	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				116		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	56-2	1797.59	1796.06	1852.60	1815.42	1.77	ppb
Iron	57-2	1784.46	1844.82	1845.18	1824.82	1.92	ppb
Lead	206-1	22.15	21.62	21.91	21.90	1.21	ppb
Lead	207-1	21.80	21.54	21.72	21.69	0.60	ppb
Lead	208-1	21.95	21.66	21.78	21.80	0.65	ppb
Lithium	6-1				113		%
Magnesium	24-2	9698.18	9511.67	10029.69	9746.51	2.69	ppb
Manganese	55-2	644.19	641.46	663.31	649.65	1.83	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:00:15 DataFile Name : 051SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.36	0.32	0.32	12.60	ppb
Molybdenum	95-1	0.73	0.71	0.67	0.70	4.28	ppb
Molybdenum	96-1	0.61	0.59	0.59	0.60	1.59	ppb
Molybdenum	97-1	0.59	0.68	0.73	0.66	10.77	ppb
Molybdenum	98-1	0.66	0.67	0.65	0.66	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	591.57	585.76	601.98	593.10	1.39	ppb
Phosphorus	31-2	63.35	91.09	65.95	73.46	20.85	ppb
Potassium	39-2	2889.81	2873.45	2837.97	2867.08	0.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				85		%
Selenium	77-2	125.66	68.61	113.20	102.49	29.27	ppb
Selenium	78-2	105.06	117.70	106.20	109.65	6.38	ppb
Selenium	82-1	108.80	108.53	108.61	108.65	0.13	ppb
Silicon	28-1	4792.76	4793.97	4823.27	4803.33	0.36	ppb
Silver	109-1	55.87	55.54	56.02	55.81	0.44	ppb
Silver	107-1	56.20	56.00	55.80	56.00	0.36	ppb
Sodium	23-2	37220.03	36676.54	37741.57	37212.71	1.43	ppb
Strontium	86-1	91.83	92.07	93.88	92.60	1.21	ppb
Strontium	88-1	96.21	96.15	95.36	95.91	0.50	ppb
Sulfur	34-1	3617.67	3501.48	3581.45	3566.87	1.67	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	53.26	53.23	52.98	53.16	0.29	ppb
Thallium	205-1	54.57	54.15	54.29	54.34	0.39	ppb
Tin	118-1	0.17	0.17	0.14	0.16	11.65	ppb
Titanium	47-1	3.51	4.71	4.09	4.10	14.51	ppb
Uranium	238-1	0.10	0.11	0.10	0.10	3.35	ppb
Vanadium	51-2	565.04	565.44	580.24	570.24	1.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				93		%
Zinc	66-2	605.02	617.48	629.61	617.37	1.99	ppb
Zirconium	90-1	0.13	0.12	0.11	0.12	10.43	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-12	Instrumnet Name :	P8
Client Sample ID :	MBDXL7S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:00:15	DataFile Name :	051SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.16	0.19	0.20	20.20	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:03:24 DataFile Name : 052SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.65	14.62	15.94	13.74	20.07	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	12.30	ppb
Arsenic	75-2	-0.04	0.06	-0.01	0.00	1913.68	ppb
Barium	135-1	0.22	0.22	0.19	0.21	6.88	ppb
Barium	137-1	0.14	0.19	0.13	0.16	20.04	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	33.18	ppb
Bismuth	209-1				119		%
Bismuth	209-2				103		%
Boron	10-1	8.47	8.41	9.03	8.63	3.98	ppb
Boron	11-1	9.02	9.99	9.52	9.51	5.12	ppb
Cadmium	111-1	0.00	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-0.38	-0.60	-0.85	-0.61		ppb
Cadmium	108-1	0.04	0.01	0.11	0.05	98.26	ppb
Calcium	43-1	-20.48	-14.92	-21.79	-19.06		ppb
Calcium	44-1	11.06	14.00	13.14	12.74	11.86	ppb
Chromium	52-2	0.03	-0.01	-0.05	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.14	0.19	0.17	0.17	14.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	56-2	5.28	4.73	5.47	5.16	7.49	ppb
Iron	57-2	1.89	1.43	8.00	3.77	97.20	ppb
Lead	206-1	0.07	0.08	0.09	0.08	14.95	ppb
Lead	207-1	0.08	0.09	0.06	0.07	18.58	ppb
Lead	208-1	0.07	0.07	0.06	0.07	6.76	ppb
Lithium	6-1				110		%
Magnesium	24-2	-0.08	7.15	5.32	4.13	90.99	ppb
Manganese	55-2	0.46	0.35	0.36	0.39	15.39	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:03:24 DataFile Name : 052SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	15.98	ppb
Molybdenum	97-1	0.00	-0.01	0.02	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	66.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.03	0.13	0.11	63.75	ppb
Phosphorus	31-2	7.42	-19.99	9.62	-0.98		ppb
Potassium	39-2	-9.67	-0.34	-8.98	-6.33		ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	-0.96	-0.96	-0.96		ppb
Selenium	82-1	0.49	-0.67	0.34	0.05	1179.54	ppb
Silicon	28-1	-35.28	-35.67	-32.43	-34.46		ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.33	ppb
Silver	107-1	0.03	0.02	0.04	0.03	32.36	ppb
Sodium	23-2	23.41	41.18	46.46	37.02	32.62	ppb
Strontium	86-1	0.00	0.02	0.06	0.03	109.64	ppb
Strontium	88-1	0.05	0.06	0.06	0.06	10.40	ppb
Sulfur	34-1	-2373.86	-2075.50	-2305.73	-2251.70		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.02	0.09	0.09	0.07	62.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	820.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	2.02	1.79	2.29	2.03	12.30	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-16	Instrumnet Name :	P8
Client Sample ID :	MBDY26	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:03:24	DataFile Name :	052SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	672.33	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:06:33	DataFile Name :	053CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47338.35	47266.08	48238.37	47614.27	1.14	ppb
Antimony	121-1	501.48	498.92	488.91	496.44	1.34	ppb
Arsenic	75-2	491.63	493.71	498.95	494.76	0.76	ppb
Barium	135-1	2501.00	2512.66	2476.66	2496.77	0.74	ppb
Barium	137-1	2497.38	2491.05	2473.67	2487.37	0.49	ppb
Beryllium	9-1	500.55	498.62	499.83	499.67	0.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Boron	10-1	484.28	500.52	515.53	500.11	3.12	ppb
Boron	11-1	494.52	498.19	506.04	499.58	1.18	ppb
Cadmium	111-1	478.00	477.35	474.42	476.59	0.40	ppb
Cadmium	106-1	476.48	482.32	476.97	478.59	0.68	ppb
Cadmium	108-1	483.61	477.09	479.79	480.16	0.68	ppb
Calcium	43-1	251130.12	248804.59	248165.06	249366.59	0.63	ppb
Calcium	44-1	248257.29	247855.43	246599.02	247570.58	0.35	ppb
Chromium	52-2	504.61	509.49	511.84	508.65	0.73	ppb
Cobalt	59-2	499.68	498.38	499.45	499.17	0.14	ppb
Copper	63-2	979.04	977.82	982.98	979.94	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	121379.85	121764.56	121471.73	121538.72	0.17	ppb
Iron	57-2	118599.62	118312.21	118589.00	118500.28	0.14	ppb
Lead	206-1	517.41	501.90	501.16	506.82	1.81	ppb
Lead	207-1	512.91	505.75	508.59	509.08	0.71	ppb
Lead	208-1	512.06	505.26	505.51	507.61	0.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	252181.32	254246.14	253046.30	253157.92	0.41	ppb
Manganese	55-2	992.15	995.34	998.04	995.18	0.30	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:06:33	DataFile Name :	053CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.82	508.91	505.14	506.29	0.45	ppb
Molybdenum	95-1	502.17	509.90	502.67	504.91	0.86	ppb
Molybdenum	96-1	510.53	500.71	504.92	505.38	0.97	ppb
Molybdenum	97-1	492.02	488.26	488.65	489.65	0.42	ppb
Molybdenum	98-1	505.54	501.09	508.87	505.16	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.42	498.03	498.29	497.58	0.20	ppb
Phosphorus	31-2	9860.30	9546.30	9767.58	9724.72	1.66	ppb
Potassium	39-2	119210.75	123466.73	122214.44	121630.64	1.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	493.59	433.90	456.69	461.40	6.53	ppb
Selenium	78-2	491.19	497.19	511.51	499.96	2.09	ppb
Selenium	82-1	488.93	481.49	477.51	482.64	1.20	ppb
Silicon	28-1	497.84	492.68	497.95	496.16	0.61	ppb
Silver	109-1	485.91	486.93	479.77	484.20	0.80	ppb
Silver	107-1	488.15	488.04	487.38	487.86	0.09	ppb
Sodium	23-2	240532.29	243256.53	244869.37	242886.06	0.90	ppb
Strontium	86-1	504.09	503.81	502.58	503.49	0.16	ppb
Strontium	88-1	514.83	511.16	507.56	511.19	0.71	ppb
Sulfur	34-1	10401.11	10156.97	10253.67	10270.58	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	509.11	505.30	507.37	507.26	0.38	ppb
Thallium	205-1	503.78	506.30	507.12	505.74	0.34	ppb
Tin	118-1	504.41	509.28	495.75	503.15	1.36	ppb
Titanium	47-1	496.44	492.13	489.40	492.65	0.72	ppb
Uranium	238-1	513.21	510.49	514.99	512.90	0.44	ppb
Vanadium	51-2	506.35	507.13	503.42	505.63	0.39	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	993.26	991.85	991.05	992.05	0.11	ppb
Zirconium	90-1	500.85	495.93	498.78	498.52	0.50	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:06:33	DataFile Name :	053CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.19	486.52	489.89	490.20	0.78	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CCB041 Instrumnet Name : P8
 Client Sample ID : CCB041 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:09:36 DataFile Name : 054CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.10	1.91	1.85	0.56	413.44	ppb
Antimony	121-1	0.21	0.27	0.22	0.23	13.84	ppb
Arsenic	75-2	-0.01	-0.04	-0.01	-0.02		ppb
Barium	135-1	0.02	0.00	-0.01	0.00	1552.67	ppb
Barium	137-1	0.01	0.02	0.02	0.02	26.46	ppb
Beryllium	9-1	0.12	0.13	0.20	0.15	29.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	20.32	19.46	21.56	20.45	5.14	ppb
Boron	11-1	22.13	19.25	18.56	19.98	9.48	ppb
Cadmium	111-1	0.03	0.02	0.00	0.01	100.26	ppb
Cadmium	106-1	0.06	-0.46	-0.37	-0.26		ppb
Cadmium	108-1	0.09	0.09	0.01	0.06	70.06	ppb
Calcium	43-1	-20.54	-12.44	-18.71	-17.23		ppb
Calcium	44-1	5.30	2.82	3.72	3.95	31.83	ppb
Chromium	52-2	0.11	-0.04	0.06	0.04	171.84	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.14	0.06	0.11	0.10	36.63	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				96		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	1.14	1.69	1.36	1.40	20.14	ppb
Iron	57-2	1.52	-2.26	-1.71	-0.82		ppb
Lead	206-1	0.06	0.07	0.07	0.07	12.19	ppb
Lead	207-1	0.04	0.05	0.07	0.05	28.42	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.49	4.33	5.92	4.25	40.44	ppb
Manganese	55-2	-0.10	-0.12	-0.14	-0.12		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:09:36	DataFile Name :	054CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	22.64	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	38.66	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	13.61	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.03	66.22	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	38.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.06	-0.05	0.01	681.03	ppb
Phosphorus	31-2	65.06	-19.99	-19.99	8.36	587.21	ppb
Potassium	39-2	12.14	27.38	22.87	20.80	37.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	-0.96	0.13	-0.24		ppb
Selenium	82-1	-0.31	-0.57	0.33	-0.19		ppb
Silicon	28-1	-20.99	-21.22	-20.17	-20.79		ppb
Silver	109-1	0.05	0.04	0.06	0.05	18.68	ppb
Silver	107-1	0.05	0.04	0.04	0.04	8.77	ppb
Sodium	23-2	60.20	66.68	54.50	60.46	10.08	ppb
Strontium	86-1	0.06	-0.08	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	171.40	ppb
Sulfur	34-1	-114.58	2.21	-26.53	-46.30		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.06	0.06	0.07	30.13	ppb
Thallium	205-1	0.09	0.08	0.09	0.08	5.43	ppb
Tin	118-1	0.05	0.03	0.06	0.05	35.79	ppb
Titanium	47-1	0.02	-0.05	0.10	0.02	321.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.00	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	220.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	0.38	0.44	0.26	0.36	25.70	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.38	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:09:36	DataFile Name :	054CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	21.94	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:12:48 DataFile Name : 055SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.91	-3.87	1.75	-2.01		ppb
Antimony	121-1	0.08	0.10	0.08	0.09	11.99	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.08	0.06	0.08	0.07	16.26	ppb
Barium	137-1	0.07	0.07	0.06	0.07	9.07	ppb
Beryllium	9-1	0.07	0.06	0.11	0.08	37.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	13.20	11.86	10.36	11.81	12.04	ppb
Boron	11-1	13.26	11.87	12.50	12.54	5.57	ppb
Cadmium	111-1	0.03	0.01	-0.01	0.01	212.50	ppb
Cadmium	106-1	0.17	-0.12	-0.39	-0.11		ppb
Cadmium	108-1	0.08	0.05	0.12	0.08	43.56	ppb
Calcium	43-1	-25.12	-18.39	-8.15	-17.22		ppb
Calcium	44-1	3.97	4.85	1.85	3.56	43.31	ppb
Chromium	52-2	0.21	0.08	0.12	0.14	50.01	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.09	0.09	0.09	0.09	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	3.80	3.95	3.19	3.65	11.04	ppb
Iron	57-2	1.17	4.19	2.65	2.67	56.61	ppb
Lead	206-1	0.09	0.08	0.07	0.08	10.85	ppb
Lead	207-1	0.08	0.05	0.08	0.07	24.13	ppb
Lead	208-1	0.08	0.06	0.07	0.07	9.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.65	1.64	-1.15	0.38	370.61	ppb
Manganese	55-2	0.02	0.01	0.04	0.02	64.80	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:12:48 DataFile Name : 055SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.02	0.01	174.19	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	606.64	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	21.18	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.02	57.69	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	62.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	0.01	-0.03		ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	7.32	17.69	9.56	11.52	47.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	1.23	0.11	0.50	125.96	ppb
Selenium	82-1	-0.47	-0.01	0.39	-0.03		ppb
Silicon	28-1	-20.47	-20.58	-20.72	-20.59		ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.10	ppb
Silver	107-1	0.02	0.02	0.03	0.03	18.06	ppb
Sodium	23-2	51.00	61.91	44.64	52.51	16.64	ppb
Strontium	86-1	-0.04	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	60.47	ppb
Sulfur	34-1	-149.14	178.56	16.46	15.29	1071.32	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.02	0.02	0.02	10.79	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	10.39	ppb
Tin	118-1	0.03	0.03	0.02	0.03	24.21	ppb
Titanium	47-1	0.09	0.03	0.04	0.05	61.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.02	0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				88		%
Zinc	66-2	1.51	0.87	1.37	1.25	26.87	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	103.75	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY25	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:12:48	DataFile Name :	055SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.00	0.02	77.06	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:15:59 DataFile Name : 056SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.19	-0.38	9.35	2.26	274.90	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	24.29	ppb
Arsenic	75-2	-0.04	-0.04	0.01	-0.02		ppb
Barium	135-1	0.87	1.05	1.07	1.00	10.84	ppb
Barium	137-1	1.09	1.04	1.00	1.04	4.14	ppb
Beryllium	9-1	0.07	0.04	0.08	0.06	29.32	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	13.96	10.77	14.86	13.20	16.30	ppb
Boron	11-1	12.39	14.33	14.67	13.80	8.91	ppb
Cadmium	111-1	-0.05	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-0.87	-0.57	-0.73	-0.72		ppb
Cadmium	108-1	-0.03	0.05	0.12	0.05	154.95	ppb
Calcium	43-1	1440.87	1456.05	1460.72	1452.55	0.71	ppb
Calcium	44-1	1507.61	1508.13	1479.13	1498.29	1.11	ppb
Chromium	52-2	0.14	0.17	0.08	0.13	34.46	ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.25	0.28	0.25	0.26	6.43	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				107		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	29.82	33.45	31.79	31.69	5.74	ppb
Iron	57-2	30.58	29.29	40.31	33.39	18.04	ppb
Lead	206-1	0.11	0.11	0.12	0.11	3.79	ppb
Lead	207-1	0.11	0.09	0.10	0.10	7.79	ppb
Lead	208-1	0.09	0.10	0.11	0.10	9.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	452.45	453.16	501.20	468.94	5.96	ppb
Manganese	55-2	4.71	4.91	4.00	4.54	10.55	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:15:59 DataFile Name : 056SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.02	0.02	30.02	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	52.61	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	19.11	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	35.14	ppb
Molybdenum	98-1	0.05	0.02	0.04	0.04	34.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.03	0.01	542.85	ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	141.52	143.50	147.67	144.23	2.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	6.31	2.10	173.21	ppb
Selenium	78-2	1.14	-0.96	0.08	0.08	1237.21	ppb
Selenium	82-1	0.57	0.45	0.40	0.47	17.89	ppb
Silicon	28-1	236.93	238.75	221.13	232.27	4.17	ppb
Silver	109-1	0.04	0.02	0.03	0.03	30.72	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.55	ppb
Sodium	23-2	1807.75	1791.42	1848.01	1815.73	1.60	ppb
Strontium	86-1	4.32	4.22	4.54	4.36	3.70	ppb
Strontium	88-1	4.52	4.40	4.47	4.46	1.32	ppb
Sulfur	34-1	732.37	430.99	209.27	457.54	57.38	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.00	0.01	0.01	87.40	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	52.50	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.44	0.13	1.14	0.57	90.23	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	27.76	ppb
Vanadium	51-2	0.11	0.12	0.22	0.15	39.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	1.24	1.40	0.99	1.21	16.96	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	46.43	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXK9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:15:59	DataFile Name :	056SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	21.52	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:19:10 DataFile Name : 057SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.36	117.24	125.65	132.42	14.70	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	19.87	ppb
Arsenic	75-2	0.27	0.18	0.23	0.23	20.11	ppb
Barium	135-1	3.79	3.62	4.08	3.83	6.12	ppb
Barium	137-1	3.44	3.77	3.78	3.67	5.22	ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	52.39	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	56.42	58.77	56.28	57.16	2.45	ppb
Boron	11-1	53.84	55.08	56.57	55.16	2.47	ppb
Cadmium	111-1	0.11	0.02	0.01	0.04	119.25	ppb
Cadmium	106-1	1.22	-0.06	-0.62	0.18	518.76	ppb
Cadmium	108-1	0.15	0.19	0.05	0.13	57.37	ppb
Calcium	43-1	3743.50	3800.98	3643.77	3729.42	2.13	ppb
Calcium	44-1	3786.69	3783.29	3784.33	3784.77	0.05	ppb
Chromium	52-2	0.64	0.76	0.70	0.70	8.52	ppb
Cobalt	59-2	0.20	0.19	0.19	0.19	3.00	ppb
Copper	63-2	1.39	1.37	1.33	1.37	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	587.46	580.71	587.43	585.20	0.66	ppb
Iron	57-2	589.44	577.66	572.93	580.01	1.47	ppb
Lead	206-1	2.80	2.98	2.79	2.86	3.77	ppb
Lead	207-1	2.50	2.59	2.65	2.58	3.03	ppb
Lead	208-1	2.66	2.79	2.70	2.72	2.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	1298.31	1201.90	1246.67	1248.96	3.86	ppb
Manganese	55-2	32.05	33.08	34.39	33.18	3.53	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:19:10 DataFile Name : 057SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.01	0.02	50.14	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	65.72	ppb
Molybdenum	96-1	0.05	0.03	0.03	0.03	31.96	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	28.90	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.32	0.30	0.30	7.84	ppb
Phosphorus	31-2	-19.99	-19.99	8.03	-10.65		ppb
Potassium	39-2	118.88	97.65	104.32	106.95	10.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	0.00	6.37	6.35	4.24	86.60	ppb
Selenium	78-2	0.07	0.09	1.14	0.43	140.42	ppb
Selenium	82-1	-0.40	0.24	0.46	0.10	442.29	ppb
Silicon	28-1	859.53	679.95	685.53	741.67	13.77	ppb
Silver	109-1	0.07	0.04	0.05	0.05	29.61	ppb
Silver	107-1	0.07	0.05	0.06	0.06	15.04	ppb
Sodium	23-2	1584.07	1550.96	1582.74	1572.59	1.19	ppb
Strontium	86-1	7.07	7.15	7.35	7.19	2.05	ppb
Strontium	88-1	7.30	7.40	7.37	7.36	0.66	ppb
Sulfur	34-1	478.11	786.43	523.84	596.13	27.91	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	39.04	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	51.45	ppb
Tin	118-1	0.02	0.03	0.03	0.02	17.71	ppb
Titanium	47-1	3.41	3.47	3.39	3.42	1.24	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.72	ppb
Vanadium	51-2	1.24	1.36	1.30	1.30	4.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	7.48	7.50	7.92	7.64	3.21	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	51.04	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL0	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:19:10	DataFile Name :	057SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	67.24	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:22:21 DataFile Name : 058SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.05	1.50	10.69	5.75	80.69	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	14.01	ppb
Arsenic	75-2	-0.04	0.06	-0.04	-0.01		ppb
Barium	135-1	0.90	0.96	0.83	0.90	7.75	ppb
Barium	137-1	0.95	0.98	0.87	0.93	6.24	ppb
Beryllium	9-1	0.06	0.04	0.00	0.03	85.29	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	13.87	11.71	14.25	13.28	10.32	ppb
Boron	11-1	14.24	12.89	15.01	14.05	7.64	ppb
Cadmium	111-1	-0.13	-0.06	-0.06	-0.09		ppb
Cadmium	106-1	-2.06	-0.89	-1.04	-1.33		ppb
Cadmium	108-1	-0.03	0.05	0.05	0.02	184.65	ppb
Calcium	43-1	1268.97	1249.47	1293.55	1270.66	1.74	ppb
Calcium	44-1	1293.53	1305.92	1278.19	1292.55	1.07	ppb
Chromium	52-2	0.17	0.19	0.11	0.16	26.97	ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	0.28	0.26	0.24	0.26	6.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	23.80	22.99	22.98	23.26	2.02	ppb
Iron	57-2	22.76	22.58	29.37	24.90	15.54	ppb
Lead	206-1	0.09	0.10	0.11	0.10	7.41	ppb
Lead	207-1	0.07	0.08	0.10	0.08	17.18	ppb
Lead	208-1	0.09	0.08	0.10	0.09	9.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	386.88	412.95	396.39	398.74	3.31	ppb
Manganese	55-2	4.91	4.86	4.39	4.72	6.04	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:22:21 DataFile Name : 058SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.02	0.01	78.89	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	44.88	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	21.42	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	62.76	ppb
Molybdenum	98-1	0.03	0.06	0.03	0.04	37.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.04	0.05	0.03	222.65	ppb
Phosphorus	31-2	-19.99	-19.99	-19.99	-19.99		ppb
Potassium	39-2	118.42	129.14	142.18	129.91	9.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	0.00	12.55	0.00	4.18	173.21	ppb
Selenium	78-2	-0.96	0.07	-0.96	-0.62		ppb
Selenium	82-1	0.02	-0.05	0.02	-0.01		ppb
Silicon	28-1	222.02	224.42	217.97	221.47	1.47	ppb
Silver	109-1	0.03	0.02	0.02	0.02	11.59	ppb
Silver	107-1	0.03	0.01	0.01	0.02	37.97	ppb
Sodium	23-2	1460.81	1512.43	1484.45	1485.90	1.74	ppb
Strontium	86-1	3.85	3.76	3.92	3.84	2.14	ppb
Strontium	88-1	3.93	3.89	3.92	3.91	0.54	ppb
Sulfur	34-1	409.19	336.62	298.30	348.04	16.18	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	0.00	-0.02	-0.02		ppb
Titanium	47-1	0.22	0.22	0.13	0.19	26.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.33	ppb
Vanadium	51-2	0.12	0.15	0.12	0.13	12.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	0.96	1.04	0.71	0.91	19.05	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	70.14	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:22:21	DataFile Name :	058SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	38.84	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:25:32 DataFile Name : 059SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	13.29	3.52	6.13	102.46	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	32.79	ppb
Arsenic	75-2	-0.04	0.01	0.01	0.00		ppb
Barium	135-1	1.76	1.66	1.66	1.70	3.56	ppb
Barium	137-1	1.68	1.80	1.75	1.74	3.58	ppb
Beryllium	9-1	0.06	0.01	0.03	0.03	69.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	62.20	61.46	60.01	61.23	1.82	ppb
Boron	11-1	61.66	61.36	62.58	61.87	1.02	ppb
Cadmium	111-1	-0.03	-0.03	-0.09	-0.05		ppb
Cadmium	106-1	-0.53	-0.59	-1.30	-0.81		ppb
Cadmium	108-1	0.05	0.05	0.01	0.04	59.62	ppb
Calcium	43-1	4145.40	4177.99	4059.89	4127.76	1.48	ppb
Calcium	44-1	4142.20	4128.56	4062.80	4111.18	1.03	ppb
Chromium	52-2	0.25	0.16	0.20	0.21	23.58	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.11	0.07	0.10	0.09	24.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	25.18	24.89	24.96	25.01	0.61	ppb
Iron	57-2	26.05	19.16	21.46	22.22	15.79	ppb
Lead	206-1	0.24	0.21	0.23	0.23	6.21	ppb
Lead	207-1	0.19	0.20	0.19	0.19	1.10	ppb
Lead	208-1	0.21	0.21	0.21	0.21	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	1332.52	1364.66	1357.41	1351.53	1.25	ppb
Manganese	55-2	8.83	8.81	8.55	8.73	1.80	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:25:32 DataFile Name : 059SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	119.01	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	55.93	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	126.64	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	66.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	-0.01	0.01	401.60	ppb
Phosphorus	31-2	-19.99	-19.99	8.10	-10.62		ppb
Potassium	39-2	70.21	68.06	74.48	70.92	4.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.09	0.10	-0.26		ppb
Selenium	82-1	0.44	0.31	0.21	0.32	35.65	ppb
Silicon	28-1	600.73	606.01	583.29	596.68	1.99	ppb
Silver	109-1	0.01	0.02	0.01	0.01	59.07	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.95	ppb
Sodium	23-2	1481.26	1558.45	1521.05	1520.26	2.54	ppb
Strontium	86-1	7.24	7.32	7.84	7.46	4.33	ppb
Strontium	88-1	7.49	7.58	7.49	7.52	0.67	ppb
Sulfur	34-1	491.74	407.90	163.45	354.37	48.13	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.15	0.26	0.27	0.23	29.37	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	17.74	ppb
Vanadium	51-2	0.27	0.22	0.12	0.20	37.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	0.86	1.07	1.68	1.20	35.28	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL5	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:25:32	DataFile Name :	059SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	73.82	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:28:42 DataFile Name : 060SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.08	-0.19	-3.99	-2.09		ppb
Antimony	121-1	0.02	0.03	0.04	0.03	38.20	ppb
Arsenic	75-2	-0.01	0.01	0.06	0.02	183.40	ppb
Barium	135-1	0.98	1.10	0.98	1.02	6.90	ppb
Barium	137-1	1.00	1.02	0.93	0.99	4.87	ppb
Beryllium	9-1	0.00	0.04	0.03	0.02	93.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	13.59	13.29	11.73	12.87	7.76	ppb
Boron	11-1	12.10	12.52	11.76	12.12	3.13	ppb
Cadmium	111-1	-0.03	-0.07	-0.02	-0.04		ppb
Cadmium	106-1	-0.54	-1.07	-0.52	-0.71		ppb
Cadmium	108-1	0.05	0.01	0.05	0.04	58.36	ppb
Calcium	43-1	1397.85	1339.43	1372.83	1370.04	2.14	ppb
Calcium	44-1	1374.76	1404.46	1376.84	1385.35	1.20	ppb
Chromium	52-2	0.15	0.13	0.14	0.14	8.35	ppb
Cobalt	59-2	-0.01	0.03	-0.01	0.00	622.05	ppb
Copper	63-2	0.28	0.32	0.27	0.29	9.33	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				104		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	27.63	28.31	27.82	27.92	1.24	ppb
Iron	57-2	23.41	33.67	32.09	29.72	18.60	ppb
Lead	206-1	0.10	0.15	0.13	0.13	16.50	ppb
Lead	207-1	0.11	0.11	0.11	0.11	0.88	ppb
Lead	208-1	0.10	0.12	0.11	0.11	8.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	438.06	434.18	413.34	428.53	3.10	ppb
Manganese	55-2	5.51	5.18	5.44	5.38	3.15	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:28:42 DataFile Name : 060SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	20.78	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	14.15	ppb
Molybdenum	96-1	0.04	0.04	0.01	0.03	61.51	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	12.04	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.01	0.03	52.19	ppb
Phosphorus	31-2	36.93	-19.99	8.41	8.45	336.73	ppb
Potassium	39-2	129.98	134.74	149.59	138.10	7.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	0.11	1.18	0.47	131.94	ppb
Selenium	82-1	-0.95	0.35	0.09	-0.17		ppb
Silicon	28-1	228.28	231.60	224.52	228.13	1.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.70	ppb
Silver	107-1	0.03	0.02	0.02	0.02	24.33	ppb
Sodium	23-2	1692.42	1704.39	1708.39	1701.74	0.49	ppb
Strontium	86-1	4.35	4.35	4.26	4.32	1.27	ppb
Strontium	88-1	4.34	4.30	4.20	4.28	1.70	ppb
Sulfur	34-1	129.61	632.00	-30.13	243.83	141.71	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.21	0.37	0.11	0.23	57.35	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	27.96	ppb
Vanadium	51-2	0.15	0.20	0.10	0.15	33.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1.06	1.16	1.50	1.24	18.59	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	395.09	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY66	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:28:42	DataFile Name :	060SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	-0.01	0.02	180.92	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:31:53 DataFile Name : 061SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	0.00	-0.25	0.51	217.21	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	21.39	ppb
Arsenic	75-2	0.06	0.06	0.01	0.05	62.59	ppb
Barium	135-1	0.99	1.09	1.08	1.05	5.18	ppb
Barium	137-1	0.93	1.12	0.95	1.00	10.27	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	104.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	11.70	10.80	11.17	11.23	4.02	ppb
Boron	11-1	9.95	9.82	9.54	9.77	2.14	ppb
Cadmium	111-1	-0.09	-0.13	-0.04	-0.08		ppb
Cadmium	106-1	-1.30	-1.81	-0.66	-1.25		ppb
Cadmium	108-1	0.16	0.01	0.05	0.08	104.23	ppb
Calcium	43-1	1466.29	1423.76	1439.86	1443.30	1.49	ppb
Calcium	44-1	1480.94	1463.31	1475.08	1473.11	0.61	ppb
Chromium	52-2	0.07	0.26	0.20	0.18	57.16	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.24	0.28	0.21	0.25	13.92	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				101		%
Indium	115-2				91		%
Iron	56-2	30.29	32.87	30.66	31.28	4.46	ppb
Iron	57-2	29.08	30.41	29.53	29.68	2.27	ppb
Lead	206-1	0.11	0.12	0.10	0.11	9.14	ppb
Lead	207-1	0.11	0.13	0.10	0.11	14.81	ppb
Lead	208-1	0.10	0.11	0.09	0.10	5.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	493.10	468.66	463.72	475.16	3.31	ppb
Manganese	55-2	4.36	4.53	4.33	4.40	2.42	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:31:53 DataFile Name : 061SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	65.58	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	25.18	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	14.32	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	37.53	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	20.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.13	0.05	154.43	ppb
Phosphorus	31-2	-19.99	-19.99	8.09	-10.63		ppb
Potassium	39-2	124.71	137.50	107.68	123.30	12.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.19	-0.96	0.12	0.12	925.53	ppb
Selenium	82-1	-0.56	0.43	0.15	0.01	7832.25	ppb
Silicon	28-1	233.03	255.06	259.78	249.29	5.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.93	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.56	ppb
Sodium	23-2	1783.46	1776.81	1755.29	1771.86	0.83	ppb
Strontium	86-1	4.34	4.39	4.31	4.35	0.88	ppb
Strontium	88-1	4.46	4.45	4.44	4.45	0.31	ppb
Sulfur	34-1	345.82	12.91	9.06	122.60	157.69	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.01	-0.03	-0.01		ppb
Titanium	47-1	0.38	0.13	0.15	0.22	63.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.41	ppb
Vanadium	51-2	0.19	0.14	0.18	0.17	14.05	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	1.07	0.97	0.74	0.92	18.32	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	92.50	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:31:53	DataFile Name :	061SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	62.60	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:35:04 DataFile Name : 062SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	2.58	-2.20	0.03	8544.49	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	16.39	ppb
Arsenic	75-2	0.01	-0.01	0.08	0.03	175.41	ppb
Barium	135-1	1.07	1.08	1.09	1.08	1.00	ppb
Barium	137-1	1.02	1.13	0.96	1.04	7.82	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	102.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				96		%
Boron	10-1	8.97	9.90	10.25	9.70	6.84	ppb
Boron	11-1	9.71	8.94	10.21	9.62	6.66	ppb
Cadmium	111-1	-0.14	-0.08	-0.11	-0.11		ppb
Cadmium	106-1	-2.01	-1.13	-1.60	-1.58		ppb
Cadmium	108-1	0.05	0.01	0.01	0.02	92.30	ppb
Calcium	43-1	1617.86	1549.17	1581.14	1582.72	2.17	ppb
Calcium	44-1	1585.18	1589.74	1565.11	1580.01	0.83	ppb
Chromium	52-2	0.16	0.24	0.21	0.20	19.92	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.25	0.24	0.27	0.25	5.66	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				96		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	34.68	37.83	32.92	35.15	7.09	ppb
Iron	57-2	29.82	37.91	28.92	32.22	15.38	ppb
Lead	206-1	0.11	0.10	0.15	0.12	21.68	ppb
Lead	207-1	0.09	0.12	0.11	0.11	14.14	ppb
Lead	208-1	0.10	0.10	0.12	0.11	8.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	502.17	564.07	490.87	519.04	7.59	ppb
Manganese	55-2	4.48	5.75	4.01	4.75	19.02	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:35:04 DataFile Name : 062SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	92.72	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	30.07	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	9.15	ppb
Molybdenum	97-1	0.01	0.03	0.05	0.03	74.87	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	142.51	ppb
Phosphorus	31-2	7.88	11.61	7.56	9.02	24.98	ppb
Potassium	39-2	151.41	142.22	122.71	138.78	10.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.20	-0.96	-0.58		ppb
Selenium	82-1	0.55	0.49	0.07	0.37	69.92	ppb
Silicon	28-1	242.97	244.78	239.93	242.56	1.01	ppb
Silver	109-1	0.02	0.01	0.02	0.01	36.71	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.52	ppb
Sodium	23-2	1897.06	2108.87	1828.15	1944.69	7.52	ppb
Strontium	86-1	4.40	4.47	4.63	4.50	2.67	ppb
Strontium	88-1	4.64	4.60	4.74	4.66	1.54	ppb
Sulfur	34-1	251.94	242.90	-70.36	141.50	129.70	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.03	-0.01	-0.02		ppb
Titanium	47-1	0.14	0.09	0.17	0.13	30.12	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	107.96	ppb
Vanadium	51-2	0.21	0.19	0.20	0.20	5.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	0.86	0.96	0.98	0.93	6.79	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	129.71	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:35:04	DataFile Name :	062SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.02	0.01	171.69	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 19:38:15 DataFile Name : 063SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-4.03	-0.31	-1.58		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	91.40	ppb
Arsenic	75-2	-0.01	-0.01	0.04	0.00	900.26	ppb
Barium	135-1	0.23	0.18	0.27	0.23	20.65	ppb
Barium	137-1	0.19	0.24	0.25	0.23	15.52	ppb
Beryllium	9-1	0.02	0.02	0.05	0.03	65.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	5.67	4.21	6.07	5.32	18.44	ppb
Boron	11-1	6.48	5.33	5.54	5.79	10.59	ppb
Cadmium	111-1	-0.09	-0.04	0.01	-0.04		ppb
Cadmium	106-1	-1.34	-0.59	-0.04	-0.66		ppb
Cadmium	108-1	0.05	0.05	-0.03	0.02	183.98	ppb
Calcium	43-1	295.33	239.18	268.03	267.51	10.50	ppb
Calcium	44-1	281.52	285.43	288.45	285.13	1.22	ppb
Chromium	52-2	0.12	0.07	0.08	0.09	29.57	ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.07	0.10	0.05	0.07	30.87	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				106		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	5.60	5.98	6.37	5.99	6.39	ppb
Iron	57-2	4.51	7.85	1.96	4.77	61.87	ppb
Lead	206-1	0.07	0.04	0.04	0.05	41.94	ppb
Lead	207-1	0.06	0.05	0.04	0.05	19.72	ppb
Lead	208-1	0.06	0.04	0.05	0.05	19.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	88.46	91.61	94.66	91.58	3.39	ppb
Manganese	55-2	0.77	0.55	0.87	0.73	22.29	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 19:38:15 DataFile Name : 063SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	2243.58	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	181.16	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	106.05	ppb
Molybdenum	97-1	0.01	0.02	-0.01	0.01	235.73	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	9.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-19.99	7.83	-19.99	-10.71		ppb
Potassium	39-2	15.61	7.44	28.27	17.11	61.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.12	-0.96	1.14	0.43	279.42	ppb
Selenium	82-1	0.27	-0.20	0.16	0.08	324.28	ppb
Silicon	28-1	35.93	35.89	34.22	35.35	2.76	ppb
Silver	109-1	0.01	0.02	0.01	0.01	54.21	ppb
Silver	107-1	0.01	0.02	0.01	0.02	29.50	ppb
Sodium	23-2	363.34	343.80	353.06	353.40	2.76	ppb
Strontium	86-1	0.80	0.78	0.81	0.80	2.12	ppb
Strontium	88-1	0.86	0.86	0.85	0.86	0.63	ppb
Sulfur	34-1	177.55	71.57	130.13	126.42	42.00	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	207.64	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.10	0.00	-0.02	0.02	274.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.03	0.07	0.05	39.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	0.28	0.63	0.26	0.39	52.50	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	15622.00	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDXL7L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-02 19:38:15	DataFile Name :	063SMPL_P8110217 M

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

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:41:26 DataFile Name : 064SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98.97	115.91	92.15	102.34	11.96	ppb
Antimony	121-1	5.48	5.65	5.55	5.56	1.52	ppb
Arsenic	75-2	2.28	1.96	2.37	2.20	9.87	ppb
Barium	135-1	111.04	112.31	113.22	112.19	0.98	ppb
Barium	137-1	111.14	112.86	112.46	112.15	0.80	ppb
Beryllium	9-1	2.97	3.07	3.03	3.02	1.64	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	9.51	9.49	8.22	9.07	8.17	ppb
Boron	11-1	8.44	8.61	8.38	8.48	1.41	ppb
Cadmium	111-1	2.59	2.63	2.63	2.62	0.89	ppb
Cadmium	106-1	0.26	1.04	1.91	1.07	77.52	ppb
Cadmium	108-1	2.97	1.96	2.66	2.53	20.57	ppb
Calcium	43-1	1574.85	1600.06	1549.78	1574.90	1.60	ppb
Calcium	44-1	1596.49	1585.02	1585.02	1588.84	0.42	ppb
Chromium	52-2	11.69	11.79	12.58	12.02	4.07	ppb
Cobalt	59-2	29.73	29.76	31.07	30.19	2.54	ppb
Copper	63-2	15.35	15.06	15.52	15.31	1.50	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				107		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	91.44	91.60	97.41	93.48	3.64	ppb
Iron	57-2	76.76	90.60	79.25	82.20	8.97	ppb
Lead	206-1	1.19	1.14	1.15	1.16	2.04	ppb
Lead	207-1	1.12	1.19	1.14	1.15	3.41	ppb
Lead	208-1	1.16	1.19	1.16	1.17	1.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	520.66	509.18	514.63	514.82	1.11	ppb
Manganese	55-2	34.96	33.50	34.92	34.46	2.42	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:41:26 DataFile Name : 064SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	23.04	ppb
Molybdenum	95-1	0.08	0.07	0.12	0.09	30.58	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	16.15	ppb
Molybdenum	97-1	0.10	0.11	0.04	0.08	43.18	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.29	30.64	31.70	30.88	2.39	ppb
Phosphorus	31-2	7.45	-19.99	-19.99	-10.84		ppb
Potassium	39-2	156.16	132.52	141.00	143.23	8.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	6.27	0.00	13.20	6.49	101.73	ppb
Selenium	78-2	5.27	4.26	6.68	5.40	22.42	ppb
Selenium	82-1	5.26	5.54	4.59	5.13	9.47	ppb
Silicon	28-1	242.69	241.60	247.64	243.98	1.32	ppb
Silver	109-1	2.92	2.94	2.96	2.94	0.61	ppb
Silver	107-1	2.93	2.96	2.93	2.94	0.62	ppb
Sodium	23-2	1910.95	1943.36	1979.03	1944.45	1.75	ppb
Strontium	86-1	4.59	4.54	4.66	4.59	1.27	ppb
Strontium	88-1	4.82	4.81	4.81	4.81	0.19	ppb
Sulfur	34-1	298.70	300.10	221.01	273.27	16.56	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	2.72	2.67	2.64	2.68	1.60	ppb
Thallium	205-1	2.67	2.71	2.73	2.70	1.16	ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.12	0.32	0.50	0.31	60.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	53.14	ppb
Vanadium	51-2	29.60	29.39	29.80	29.60	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	29.75	31.91	31.32	30.99	3.60	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:41:26	DataFile Name :	064SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.01	38.71	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:44:37 DataFile Name : 065SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-4.04	-2.29	-2.29		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	147.90	ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	851.20	ppb
Beryllium	9-1	0.03	0.00	0.06	0.03	105.77	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	5.83	4.39	4.78	5.00	14.92	ppb
Boron	11-1	4.85	4.51	3.87	4.41	11.26	ppb
Cadmium	111-1	-0.07	-0.05	0.01	-0.04		ppb
Cadmium	106-1	-0.95	-0.95	0.19	-0.57		ppb
Cadmium	108-1	0.08	0.01	0.05	0.05	76.14	ppb
Calcium	43-1	-25.64	-28.28	-27.56	-27.16		ppb
Calcium	44-1	-7.44	-5.23	-5.92	-6.19		ppb
Chromium	52-2	0.00	-0.14	0.08	-0.02		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.04	0.09	0.02	0.05	72.73	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				106		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	0.08	0.37	0.31	0.25	61.22	ppb
Iron	57-2	-1.84	1.41	1.27	0.28	651.63	ppb
Lead	206-1	0.07	0.04	0.06	0.06	21.54	ppb
Lead	207-1	0.04	0.04	0.02	0.04	32.10	ppb
Lead	208-1	0.04	0.04	0.04	0.04	9.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.19	2.74	0.62	1.06	143.02	ppb
Manganese	55-2	-0.09	-0.03	-0.07	-0.06		ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:44:37 DataFile Name : 065SMPL_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	1251.84	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.09	-0.06	0.00		ppb
Phosphorus	31-2	6.67	-19.99	6.92	-2.13		ppb
Potassium	39-2	-5.24	10.28	-11.91	-2.29		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.11	0.08	1.13	0.77	77.95	ppb
Selenium	82-1	0.43	0.16	0.64	0.41	59.06	ppb
Silicon	28-1	-19.26	-21.54	-20.15	-20.32		ppb
Silver	109-1	0.01	0.01	0.02	0.01	28.31	ppb
Silver	107-1	0.01	0.01	0.00	0.01	103.86	ppb
Sodium	23-2	11.83	30.18	17.31	19.77	47.63	ppb
Strontium	86-1	-0.02	0.00	-0.05	-0.02		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	258.30	204.81	212.50	225.20	12.84	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	-0.01	0.00	777.14	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	244.62	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.06	0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	0.04	-0.14	-0.05	-0.05		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY26	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:44:37	DataFile Name :	065SMPL_P8110217 M

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

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48086.83	52227.95	47819.27	49378.02	5.01	ppb
Antimony	121-1	506.10	504.53	506.40	505.68	0.20	ppb
Arsenic	75-2	499.57	552.54	504.63	518.91	5.63	ppb
Barium	135-1	2501.29	2566.24	2562.77	2543.43	1.44	ppb
Barium	137-1	2473.74	2516.27	2518.18	2502.73	1.00	ppb
Beryllium	9-1	517.07	514.09	512.78	514.65	0.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Boron	10-1	506.44	503.59	524.02	511.35	2.16	ppb
Boron	11-1	501.41	509.92	518.47	509.93	1.67	ppb
Cadmium	111-1	477.94	483.41	483.49	481.61	0.66	ppb
Cadmium	106-1	477.47	493.36	487.53	486.12	1.65	ppb
Cadmium	108-1	487.82	498.84	492.41	493.02	1.12	ppb
Calcium	43-1	251992.19	249830.56	251898.31	251240.35	0.49	ppb
Calcium	44-1	247649.57	247005.34	247311.49	247322.13	0.13	ppb
Chromium	52-2	522.25	553.71	511.47	529.14	4.15	ppb
Cobalt	59-2	501.37	535.75	496.36	511.16	4.20	ppb
Copper	63-2	982.42	1046.85	975.75	1001.68	3.92	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				96		%
Indium	115-1				101		%
Indium	115-2				87		%
Iron	56-2	123378.29	131372.46	122652.08	125800.94	3.85	ppb
Iron	57-2	120360.71	127535.43	118347.67	122081.27	3.96	ppb
Lead	206-1	512.81	519.75	507.46	513.34	1.20	ppb
Lead	207-1	512.89	510.89	506.92	510.24	0.60	ppb
Lead	208-1	515.90	516.36	509.81	514.02	0.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	257489.06	274858.21	256554.70	262967.32	3.92	ppb
Manganese	55-2	1018.26	1076.08	1003.51	1032.62	3.71	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.25	512.65	508.47	509.12	0.64	ppb
Molybdenum	95-1	512.53	518.97	504.50	512.00	1.42	ppb
Molybdenum	96-1	506.58	515.57	504.26	508.80	1.17	ppb
Molybdenum	97-1	492.46	496.33	492.11	493.63	0.47	ppb
Molybdenum	98-1	504.14	510.05	503.46	505.88	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.44	535.12	500.99	510.51	4.21	ppb
Phosphorus	31-2	10205.81	10008.62	9523.66	9912.70	3.54	ppb
Potassium	39-2	123752.83	133736.15	124109.60	127199.53	4.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	409.23	605.13	422.96	479.11	22.82	ppb
Selenium	78-2	509.44	589.38	492.05	530.29	9.79	ppb
Selenium	82-1	495.20	494.45	486.48	492.04	0.98	ppb
Silicon	28-1	505.52	513.23	509.08	509.28	0.76	ppb
Silver	109-1	493.11	495.46	495.56	494.71	0.28	ppb
Silver	107-1	487.87	498.98	494.74	493.87	1.14	ppb
Sodium	23-2	245718.32	264401.01	246544.16	252221.16	4.19	ppb
Strontium	86-1	508.51	508.84	505.99	507.78	0.31	ppb
Strontium	88-1	519.28	521.39	514.22	518.30	0.71	ppb
Sulfur	34-1	10773.50	10343.21	10682.71	10599.81	2.14	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	515.93	512.79	520.10	516.27	0.71	ppb
Thallium	205-1	513.39	517.00	510.64	513.68	0.62	ppb
Tin	118-1	505.56	509.64	516.84	510.68	1.12	ppb
Titanium	47-1	491.37	494.23	494.51	493.37	0.35	ppb
Uranium	238-1	516.98	517.16	513.68	515.94	0.38	ppb
Vanadium	51-2	512.87	544.98	506.93	521.59	3.92	ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	993.03	1079.34	988.90	1020.42	5.00	ppb
Zirconium	90-1	506.53	511.37	499.55	505.82	1.18	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.48	496.23	490.36	493.69	0.61	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CCB042 Instrumnet Name : P8
 Client Sample ID : CCB042 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:50:52 DataFile Name : 067CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	-2.17	-4.05	-2.15		ppb
Antimony	121-1	0.20	0.20	0.21	0.21	3.72	ppb
Arsenic	75-2	-0.01	0.04	-0.04	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.00	557.17	ppb
Barium	137-1	0.00	0.02	0.02	0.01	74.40	ppb
Beryllium	9-1	0.16	0.10	0.12	0.12	27.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	15.31	13.89	14.96	14.72	5.04	ppb
Boron	11-1	15.23	13.18	12.93	13.78	9.15	ppb
Cadmium	111-1	0.04	-0.02	0.01	0.01	354.12	ppb
Cadmium	106-1	-0.06	-0.58	-0.39	-0.35		ppb
Cadmium	108-1	0.16	0.09	0.09	0.11	38.89	ppb
Calcium	43-1	-25.28	-17.37	-21.62	-21.43		ppb
Calcium	44-1	1.04	0.73	0.68	0.82	23.30	ppb
Chromium	52-2	0.13	0.04	0.01	0.06	102.64	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.09	0.06	0.05	0.07	32.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	1.29	0.93	0.62	0.95	35.40	ppb
Iron	57-2	0.42	1.96	1.38	1.25	62.02	ppb
Lead	206-1	0.06	0.06	0.05	0.06	4.52	ppb
Lead	207-1	0.04	0.07	0.06	0.06	24.07	ppb
Lead	208-1	0.04	0.05	0.05	0.05	11.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.68	3.95	1.11	2.91	53.74	ppb
Manganese	55-2	-0.04	0.03	-0.03	-0.01		ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:50:52	DataFile Name :	067CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	14.48	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	53.88	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	8.58	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.02	28.47	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.06	-0.02		ppb
Phosphorus	31-2	-19.99	35.59	7.50	7.70	360.82	ppb
Potassium	39-2	-5.57	-11.79	1.20	-5.39		ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	6.33	0.00	0.00	2.11	173.21	ppb
Selenium	78-2	-0.96	1.15	-0.96	-0.26		ppb
Selenium	82-1	-0.01	0.48	0.85	0.44	97.65	ppb
Silicon	28-1	-20.33	-21.60	-21.39	-21.11		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.53	ppb
Silver	107-1	0.03	0.02	0.02	0.03	21.32	ppb
Sodium	23-2	52.32	52.21	48.04	50.86	4.81	ppb
Strontium	86-1	0.01	-0.05	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	35.07	ppb
Sulfur	34-1	-52.34	-80.10	-298.76	-143.73		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.10	0.11	0.11	4.00	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	5.20	ppb
Tin	118-1	0.05	0.04	0.01	0.03	58.93	ppb
Titanium	47-1	0.01	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	171.87	ppb
Vanadium	51-2	-0.01	0.02	0.00	0.00	573.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	0.24	0.13	0.29	0.22	37.05	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	37.59	ppb

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:50:52	DataFile Name :	067CCBE_P8110217 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.02	0.04	0.05	64.72	ppb

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:20:01 DataFile Name : 003CALB_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	33	31	41.66	cps
Antimony	121-1	92	58	100	83	26.46	cps
Arsenic	75-2	4	0	6	3	91.69	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	25	25	33	28	17.31	cps
Beryllium	9-1	78	17	44	46	66.08	cps
Bismuth	209-1	4675738	4670681	4567415	4637945	1.32	cps
Bismuth	209-2	1208693	1226153	1212457	1215768	0.76	cps
Boron	10-1	150	142	108	133	16.54	cps
Boron	11-1	567	658	483	569	15.37	cps
Cadmium	111-1	723	849	803	792	8.05	cps
Cadmium	106-1	1025	1217	1142	1128	8.56	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	1383	1283	1508	1392	8.10	cps
Calcium	44-1	12865	12765	12898	12843	0.54	cps
Chromium	52-2	663	613	597	624	5.56	cps
Cobalt	59-2	57	47	53	52	9.75	cps
Copper	63-2	77	103	93	91	14.79	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	17	10	0	9	94.38	cps
Holmium	165-1	7092044	7006366	7006171	7034860	0.70	cps
Holmium	165-2	1491151	1493902	1486150	1490401	0.26	cps
Indium	115-1	5689602	5701339	5609975	5666972	0.88	cps
Indium	115-2	251725	253041	250883	251883	0.43	cps
Iron	56-2	1439	1250	1372	1354	7.08	cps
Iron	57-2	39	44	39	41	7.88	cps
Lead	206-1	372	400	394	389	3.78	cps
Lead	207-1	306	406	378	363	14.22	cps
Lead	208-1	1578	1800	1756	1711	6.87	cps
Lithium	6-1	866851	868241	864340	866477	0.23	cps
Magnesium	24-2	83	100	108	97	13.09	cps
Manganese	55-2	33	27	37	32	15.80	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:20:01	DataFile Name :	003CALB_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	150	167	167	10.00	cps
Molybdenum	95-1	42	42	50	44	10.82	cps
Molybdenum	96-1	83	42	42	56	43.30	cps
Molybdenum	97-1	42	42	58	47	20.38	cps
Molybdenum	98-1	42	17	33	31	41.66	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	117	80	98	18.78	cps
Phosphorus	31-2	0	17	25	14	91.65	cps
Potassium	39-2	2175	2442	2300	2306	5.79	cps
Rhodium	103-1	5324952	5382062	5345162	5350725	0.54	cps
Rhodium	103-2	1393087	1385207	1387425	1388573	0.29	cps
Scandium	45-1	3203733	3205939	3198465	3202712	0.12	cps
Scandium	45-2	26622	26489	26639	26583	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-8	-47	-42	-33	-64.82	cps
Silicon	28-1	371232	365736	364986	367318	0.93	cps
Silver	109-1	50	75	42	56	31.22	cps
Silver	107-1	33	42	67	47	36.73	cps
Sodium	23-2	3701	3776	3992	3823	3.96	cps
Strontium	86-1	542	392	475	469	16.01	cps
Strontium	88-1	242	292	258	264	9.65	cps
Sulfur	34-1	319820	316523	320397	318913	0.66	cps
Terbium	159-1	7408971	7319865	7288946	7339260	0.85	cps
Terbium	159-2	1467217	1460540	1454971	1460909	0.42	cps
Thallium	203-1	183	183	175	181	2.66	cps
Thallium	205-1	417	375	342	378	9.95	cps
Tin	118-1	417	500	408	442	11.48	cps
Titanium	47-1	142	117	108	122	14.19	cps
Uranium	238-1	75	83	50	69	24.98	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	5941005	5887009	5971603	5933205	0.72	cps
Yttrium	89-2	188017	188538	186548	187701	0.55	cps
Zinc	66-2	33	63	67	54	33.72	cps
Zirconium	90-1	525	383	392	433	18.35	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:20:01	DataFile Name :	003CALB_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	83	108	69	68.23	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:27:10 DataFile Name : 005CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	125	150	125	20.00	cps
Antimony	121-1	12815	12923	13466	13068	2.67	cps
Arsenic	75-2	76	85	65	75	13.54	cps
Barium	135-1	14350	14125	13374	13950	3.66	cps
Barium	137-1	25141	24240	24181	24521	2.19	cps
Beryllium	9-1	794	817	722	778	6.35	cps
Bismuth	209-1	4203508	4466961	4416591	4362354	3.21	cps
Bismuth	209-2	1181850	1173620	1180720	1178730	0.38	cps
Boron	10-1	2492	2392	2350	2411	3.02	cps
Boron	11-1	10888	10638	11263	10930	2.88	cps
Cadmium	111-1	2073	2046	2092	2071	1.10	cps
Cadmium	106-1	1067	1000	1183	1083	8.57	cps
Cadmium	108-1	117	113	100	110	7.91	cps
Calcium	43-1	7986	8395	7719	8033	4.24	cps
Calcium	44-1	125584	122692	119875	122717	2.33	cps
Chromium	52-2	2024	1967	1857	1949	4.35	cps
Cobalt	59-2	1380	1317	1247	1315	5.07	cps
Copper	63-2	2480	2484	2410	2458	1.69	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	108	75	25	69	60.40	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	6371247	6752189	6646655	6590030	2.98	cps
Holmium	165-2	1455435	1440699	1446181	1447439	0.51	cps
Indium	115-1	5166262	5475522	5430749	5357511	3.12	cps
Indium	115-2	242418	243497	241452	242456	0.42	cps
Iron	56-2	22791	22597	21856	22415	2.20	cps
Iron	57-2	678	656	539	624	11.95	cps
Lead	206-1	4673	4668	4851	4731	2.20	cps
Lead	207-1	4023	4323	4273	4206	3.82	cps
Lead	208-1	18884	19279	18789	18984	1.37	cps
Lithium	6-1	803086	850344	836645	830025	2.93	cps
Magnesium	24-2	11071	10863	10796	10910	1.32	cps
Manganese	55-2	197	213	197	202	4.76	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:27:10	DataFile Name :	005CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11414	12006	11022	11480	4.32	cps
Molybdenum	95-1	13549	13691	13883	13708	1.22	cps
Molybdenum	96-1	15017	15518	15893	15476	2.84	cps
Molybdenum	97-1	8695	8303	7886	8295	4.88	cps
Molybdenum	98-1	22328	21977	21860	22055	1.10	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	587	533	548	6.22	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8720	8686	8761	8723	0.43	cps
Rhodium	103-1	4853028	5171135	5041301	5021821	3.19	cps
Rhodium	103-2	1339926	1347518	1344967	1344137	0.29	cps
Scandium	45-1	2899096	3046550	3023841	2989829	2.66	cps
Scandium	45-2	25260	25807	25640	25569	1.10	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	11	11	13	12	9.11	cps
Selenium	82-1	464	431	495	463	6.89	cps
Silicon	28-1	405336	406209	402479	404675	0.48	cps
Silver	109-1	6877	6702	6677	6752	1.62	cps
Silver	107-1	7227	7202	7169	7199	0.41	cps
Sodium	23-2	28362	27561	28939	28287	2.45	cps
Strontium	86-1	2084	2517	2117	2239	10.77	cps
Strontium	88-1	16652	15142	14984	15593	5.91	cps
Sulfur	34-1	315466	318285	313760	315837	0.72	cps
Terbium	159-1	6598628	7074793	6941303	6871575	3.57	cps
Terbium	159-2	1425502	1423345	1406586	1418478	0.73	cps
Thallium	203-1	5401	5593	5610	5535	2.09	cps
Thallium	205-1	13408	12824	12865	13032	2.50	cps
Tin	118-1	23029	22353	22294	22559	1.81	cps
Titanium	47-1	3559	3784	3776	3706	3.44	cps
Uranium	238-1	16845	16912	16078	16612	2.79	cps
Vanadium	51-2	2140	2214	2257	2204	2.68	cps
Yttrium	89-1	5390830	5763627	5602472	5585643	3.35	cps
Yttrium	89-2	180721	182843	182880	182148	0.68	cps
Zinc	66-2	237	260	227	241	7.10	cps
Zirconium	90-1	10454	9837	10071	10121	3.08	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:27:10	DataFile Name :	005CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2084	2142	2017	2081	3.01	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:30:41 DataFile Name : 006CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4709	4801	5268	4926	6.08	cps
Antimony	121-1	367552	364379	361996	364642	0.76	cps
Arsenic	75-2	3975	4045	4104	4041	1.61	cps
Barium	135-1	387200	386086	382243	385176	0.68	cps
Barium	137-1	676718	675707	676101	676175	0.08	cps
Beryllium	9-1	44062	45071	45015	44716	1.27	cps
Bismuth	209-1	4511839	4511002	4517560	4513467	0.08	cps
Bismuth	209-2	1187799	1180462	1185235	1184499	0.31	cps
Boron	10-1	4701	5018	5343	5021	6.39	cps
Boron	11-1	24104	23478	24063	23882	1.47	cps
Cadmium	111-1	78090	79441	78789	78774	0.86	cps
Cadmium	106-1	8970	9195	8603	8923	3.35	cps
Cadmium	108-1	5284	5334	5547	5389	2.59	cps
Calcium	43-1	78328	78386	77137	77950	0.90	cps
Calcium	44-1	1300836	1291154	1277094	1289694	0.93	cps
Chromium	52-2	33350	33894	33016	33420	1.33	cps
Cobalt	59-2	71834	72799	71961	72198	0.73	cps
Copper	63-2	125127	125059	126553	125580	0.67	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6810316	6843328	6855518	6836387	0.34	cps
Holmium	165-2	1459063	1449953	1464440	1457819	0.50	cps
Indium	115-1	5506130	5499533	5513735	5506466	0.13	cps
Indium	115-2	243227	240360	241671	241753	0.59	cps
Iron	56-2	1136128	1130489	1130382	1132333	0.29	cps
Iron	57-2	28480	28635	28908	28675	0.76	cps
Lead	206-1	232978	233205	232599	232927	0.13	cps
Lead	207-1	208986	211564	210823	210458	0.63	cps
Lead	208-1	942484	945308	951552	946448	0.49	cps
Lithium	6-1	846058	843200	846129	845129	0.20	cps
Magnesium	24-2	117685	115632	117078	116798	0.90	cps
Manganese	55-2	18759	18986	19267	19004	1.34	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:30:41	DataFile Name :	006CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	285765	286046	283196	285002	0.55	cps
Molybdenum	95-1	152599	153121	153460	153060	0.28	cps
Molybdenum	96-1	195021	193379	195482	194627	0.57	cps
Molybdenum	97-1	95050	94880	95317	95082	0.23	cps
Molybdenum	98-1	241476	241571	241508	241519	0.02	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21203	21019	22011	21411	2.46	cps
Phosphorus	31-2	442	342	283	356	22.52	cps
Potassium	39-2	35863	35638	34777	35426	1.62	cps
Rhodium	103-1	5137450	5151114	5129683	5139416	0.21	cps
Rhodium	103-2	1338747	1341559	1348134	1342814	0.36	cps
Scandium	45-1	3066296	3066455	3072584	3068445	0.12	cps
Scandium	45-2	25343	25306	25968	25539	1.46	cps
Selenium	77-2	33	23	20	26	27.15	cps
Selenium	78-2	83	111	122	106	18.98	cps
Selenium	82-1	4864	4860	4756	4827	1.27	cps
Silicon	28-1	527297	528930	527445	527891	0.17	cps
Silver	109-1	366191	365432	367490	366371	0.28	cps
Silver	107-1	385250	386841	385703	385931	0.21	cps
Sodium	23-2	273590	264940	269829	269453	1.61	cps
Strontium	86-1	97245	96726	95801	96591	0.76	cps
Strontium	88-1	843929	842194	837845	841323	0.37	cps
Sulfur	34-1	341104	339702	341212	340673	0.25	cps
Terbium	159-1	7059335	7136235	7253411	7149660	1.37	cps
Terbium	159-2	1423972	1419695	1434423	1426030	0.53	cps
Thallium	203-1	288265	286471	286442	287059	0.36	cps
Thallium	205-1	690105	684148	675407	683220	1.08	cps
Tin	118-1	248825	250486	247147	248819	0.67	cps
Titanium	47-1	39482	39557	39966	39668	0.66	cps
Uranium	238-1	925637	923017	922523	923726	0.18	cps
Vanadium	51-2	24502	24158	24114	24258	0.87	cps
Yttrium	89-1	5648793	5798447	5745630	5730957	1.32	cps
Yttrium	89-2	180441	180837	181950	181076	0.43	cps
Zinc	66-2	11495	11405	10831	11244	3.20	cps
Zirconium	90-1	546211	545920	537476	543202	0.91	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:30:41	DataFile Name :	006CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	121505	119774	120077	120452	0.77	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:34:12 DataFile Name : 007CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12573	12264	12064	12300	2.08	cps
Antimony	121-1	956256	959761	965162	960393	0.47	cps
Arsenic	75-2	10793	10309	10589	10564	2.30	cps
Barium	135-1	1008199	1007908	1019733	1011946	0.67	cps
Barium	137-1	1773170	1786479	1806776	1788808	0.95	cps
Beryllium	9-1	114905	115224	115045	115058	0.14	cps
Bismuth	209-1	4775544	4741445	4762221	4759737	0.36	cps
Bismuth	209-2	1214323	1224126	1217708	1218719	0.41	cps
Boron	10-1	12614	13423	13357	13131	3.42	cps
Boron	11-1	60653	59993	61599	60749	1.33	cps
Cadmium	111-1	204302	204435	204214	204317	0.05	cps
Cadmium	106-1	22111	21860	21743	21905	0.86	cps
Cadmium	108-1	14508	14600	14279	14462	1.14	cps
Calcium	43-1	198106	195175	197393	196891	0.78	cps
Calcium	44-1	3273929	3271758	3226516	3257401	0.82	cps
Chromium	52-2	84788	83021	83259	83689	1.15	cps
Cobalt	59-2	179918	181198	181022	180713	0.38	cps
Copper	63-2	316545	315409	315947	315967	0.18	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	67	42	33	47	36.74	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7120739	7121453	7129838	7124010	0.07	cps
Holmium	165-2	1501339	1512198	1497126	1503554	0.52	cps
Indium	115-1	5716021	5704816	5734899	5718578	0.27	cps
Indium	115-2	248441	245329	243379	245716	1.04	cps
Iron	56-2	2854970	2842449	2879471	2858963	0.66	cps
Iron	57-2	72370	70595	71835	71600	1.27	cps
Lead	206-1	610224	612178	615056	612486	0.40	cps
Lead	207-1	557990	554408	550017	554138	0.72	cps
Lead	208-1	2496992	2487128	2497399	2493839	0.23	cps
Lithium	6-1	887468	877785	882038	882431	0.55	cps
Magnesium	24-2	291607	286668	287441	288572	0.92	cps
Manganese	55-2	46975	47173	47236	47128	0.29	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:34:12	DataFile Name :	007CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	744170	744007	736689	741622	0.58	cps
Molybdenum	95-1	401053	396808	398592	398818	0.53	cps
Molybdenum	96-1	513427	514155	508194	511925	0.64	cps
Molybdenum	97-1	248578	244764	247108	246817	0.78	cps
Molybdenum	98-1	638634	640650	634665	637983	0.48	cps
Neodymium	150-1	60	60	47	56	13.85	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53198	53017	53302	53172	0.27	cps
Phosphorus	31-2	975	1100	858	978	12.36	cps
Potassium	39-2	84513	84973	84470	84652	0.33	cps
Rhodium	103-1	5252680	5355453	5284424	5297519	0.99	cps
Rhodium	103-2	1384926	1370985	1376483	1377465	0.51	cps
Scandium	45-1	3125877	3190638	3202349	3172955	1.30	cps
Scandium	45-2	25904	25764	25540	25736	0.71	cps
Selenium	77-2	100	70	47	72	37.02	cps
Selenium	78-2	228	278	224	243	12.33	cps
Selenium	82-1	12878	12508	12663	12683	1.46	cps
Silicon	28-1	790824	784191	787842	787619	0.42	cps
Silver	109-1	948070	953452	950295	950606	0.28	cps
Silver	107-1	999129	1000012	1006088	1001743	0.38	cps
Sodium	23-2	666950	669076	661206	665744	0.61	cps
Strontium	86-1	252342	252155	250449	251649	0.41	cps
Strontium	88-1	2200157	2193225	2219611	2204331	0.62	cps
Sulfur	34-1	383623	381342	382487	382484	0.30	cps
Terbium	159-1	7420133	7512418	7372796	7435115	0.96	cps
Terbium	159-2	1474228	1478992	1475247	1476155	0.17	cps
Thallium	203-1	749062	756385	762405	755951	0.88	cps
Thallium	205-1	1806948	1827568	1846423	1826980	1.08	cps
Tin	118-1	652300	661992	656686	656993	0.74	cps
Titanium	47-1	101828	101424	100719	101324	0.55	cps
Uranium	238-1	2501309	2506029	2490890	2499409	0.31	cps
Vanadium	51-2	61223	61705	60483	61137	1.01	cps
Yttrium	89-1	5994623	5934411	5919977	5949670	0.67	cps
Yttrium	89-2	183576	182967	184044	183529	0.29	cps
Zinc	66-2	28059	28780	28566	28468	1.30	cps
Zirconium	90-1	1429419	1436568	1430102	1432030	0.28	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:34:12	DataFile Name :	007CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	314638	316679	313452	314923	0.52	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:37:39 DataFile Name : 008CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23804	23287	23612	23568	1.11	cps
Antimony	121-1	1944222	1940215	1920863	1935100	0.65	cps
Arsenic	75-2	20298	20315	19994	20202	0.89	cps
Barium	135-1	2064979	2055102	2063812	2061298	0.26	cps
Barium	137-1	3602907	3550524	3580659	3578030	0.73	cps
Beryllium	9-1	226318	226667	226024	226337	0.14	cps
Bismuth	209-1	4827955	4835293	4809552	4824267	0.27	cps
Bismuth	209-2	1200231	1207753	1206179	1204721	0.33	cps
Boron	10-1	24906	24864	26876	25549	4.50	cps
Boron	11-1	120166	120587	122250	121001	0.91	cps
Cadmium	111-1	407803	409367	408396	408522	0.19	cps
Cadmium	106-1	43312	42970	42627	42969	0.80	cps
Cadmium	108-1	28739	28627	29366	28910	1.38	cps
Calcium	43-1	391577	389865	383646	388363	1.07	cps
Calcium	44-1	6310266	6403640	6368502	6360803	0.74	cps
Chromium	52-2	159611	161776	159608	160332	0.78	cps
Cobalt	59-2	346937	347982	346709	347210	0.20	cps
Copper	63-2	612907	613132	606632	610890	0.60	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	8	42	31	62.99	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	108	33	61	67.27	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	7278966	7163532	7222831	7221776	0.80	cps
Holmium	165-2	1488601	1500795	1489185	1492860	0.46	cps
Indium	115-1	5696708	5705034	5667137	5689626	0.35	cps
Indium	115-2	240235	241815	237849	239966	0.83	cps
Iron	56-2	5504128	5451893	5446258	5467426	0.58	cps
Iron	57-2	137392	138206	138397	137998	0.39	cps
Lead	206-1	1236685	1245611	1237748	1240015	0.39	cps
Lead	207-1	1122459	1129194	1120425	1124026	0.41	cps
Lead	208-1	5109816	5164747	5134398	5136321	0.54	cps
Lithium	6-1	878738	879145	877325	878403	0.11	cps
Magnesium	24-2	554777	552874	545966	551205	0.84	cps
Manganese	55-2	92144	90974	90686	91268	0.85	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:37:39	DataFile Name :	008CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1508455	1499168	1528629	1512084	1.00	cps
Molybdenum	95-1	794170	790809	798630	794536	0.49	cps
Molybdenum	96-1	1036399	1025214	1025305	1028973	0.63	cps
Molybdenum	97-1	493618	495168	493544	494110	0.19	cps
Molybdenum	98-1	1270299	1261900	1281706	1271302	0.78	cps
Neodymium	150-1	100	120	80	100	20.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103461	102490	101876	102609	0.78	cps
Phosphorus	31-2	1483	1483	1592	1520	4.12	cps
Potassium	39-2	161095	157976	156757	158609	1.41	cps
Rhodium	103-1	5346776	5267510	5299161	5304482	0.75	cps
Rhodium	103-2	1348711	1342930	1343825	1345155	0.23	cps
Scandium	45-1	3140728	3164865	3135960	3147184	0.49	cps
Scandium	45-2	24508	23977	24088	24191	1.16	cps
Selenium	77-2	140	143	127	137	6.45	cps
Selenium	78-2	448	496	452	465	5.76	cps
Selenium	82-1	24967	25103	25226	25098	0.52	cps
Silicon	28-1	1084435	1103196	1089304	1092311	0.89	cps
Silver	109-1	1907137	1919356	1914101	1913531	0.32	cps
Silver	107-1	2043662	1998351	2048050	2030021	1.36	cps
Sodium	23-2	1278323	1289133	1261051	1276169	1.11	cps
Strontium	86-1	498143	500030	498878	499017	0.19	cps
Strontium	88-1	4391368	4350667	4323301	4355112	0.79	cps
Sulfur	34-1	428008	424733	424487	425743	0.46	cps
Terbium	159-1	7526459	7561532	7524249	7537413	0.28	cps
Terbium	159-2	1465592	1457086	1449681	1457453	0.55	cps
Thallium	203-1	1511833	1528060	1531793	1523895	0.70	cps
Thallium	205-1	3716975	3745971	3669046	3710664	1.05	cps
Tin	118-1	1302954	1308091	1300375	1303807	0.30	cps
Titanium	47-1	205511	203147	203314	203991	0.65	cps
Uranium	238-1	5039609	5048345	5000385	5029446	0.51	cps
Vanadium	51-2	119484	118949	117218	118550	1.00	cps
Yttrium	89-1	6001472	6002580	5904292	5969448	0.95	cps
Yttrium	89-2	179502	179221	177817	178847	0.50	cps
Zinc	66-2	54540	55082	54637	54753	0.53	cps
Zirconium	90-1	2852516	2819857	2831239	2834538	0.58	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:37:39	DataFile Name :	008CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	630673	622601	632005	628426	0.81	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:41:01 DataFile Name : 009CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44914	43593	43526	44011	1.78	cps
Antimony	121-1	3914552	3864081	3895551	3891395	0.66	cps
Arsenic	75-2	39501	38862	38717	39027	1.07	cps
Barium	135-1	4168011	4108444	4081191	4119216	1.08	cps
Barium	137-1	7077891	7066150	7097591	7080544	0.22	cps
Beryllium	9-1	434379	436219	435620	435406	0.22	cps
Bismuth	209-1	4907724	4902151	4965638	4925171	0.71	cps
Bismuth	209-2	1206644	1195959	1199040	1200548	0.46	cps
Boron	10-1	49160	50883	49344	49796	1.90	cps
Boron	11-1	233767	235824	238476	236022	1.00	cps
Cadmium	111-1	813114	809694	812515	811774	0.22	cps
Cadmium	106-1	83483	83282	82954	83240	0.32	cps
Cadmium	108-1	56912	58091	57100	57368	1.11	cps
Calcium	43-1	765870	764796	764252	764973	0.11	cps
Calcium	44-1	12475452	12509897	12516276	12500541	0.18	cps
Chromium	52-2	303902	303367	303133	303467	0.13	cps
Cobalt	59-2	664857	663729	661132	663239	0.29	cps
Copper	63-2	1171037	1168855	1165135	1168342	0.26	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	17	23	10	17	39.99	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	25	83	75	61	51.63	cps
Gadolinium	160-2	23	3	17	14	70.51	cps
Holmium	165-1	7315951	7458397	7392811	7389053	0.96	cps
Holmium	165-2	1515897	1496316	1495435	1502549	0.77	cps
Indium	115-1	5750792	5683128	5709461	5714460	0.60	cps
Indium	115-2	234724	232042	230836	232534	0.86	cps
Iron	56-2	10410189	10418811	10406509	10411837	0.06	cps
Iron	57-2	261083	263549	262977	262536	0.49	cps
Lead	206-1	2583384	2548308	2589589	2573760	0.86	cps
Lead	207-1	2369850	2363328	2348850	2360676	0.46	cps
Lead	208-1	10581828	10521420	10563764	10555671	0.29	cps
Lithium	6-1	872663	880804	879505	877657	0.50	cps
Magnesium	24-2	1057496	1044138	1044240	1048625	0.73	cps
Manganese	55-2	174313	173259	173219	173597	0.36	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:41:01	DataFile Name :	009CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3036327	2994903	3018966	3016732	0.69	cps
Molybdenum	95-1	1593502	1626316	1612148	1610655	1.02	cps
Molybdenum	96-1	2115502	2112982	2135673	2121386	0.59	cps
Molybdenum	97-1	988171	986377	994247	989598	0.42	cps
Molybdenum	98-1	2638713	2576544	2656798	2624018	1.60	cps
Neodymium	150-1	167	133	173	158	13.58	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	195479	196346	197174	196333	0.43	cps
Phosphorus	31-2	3176	3251	3209	3212	1.17	cps
Potassium	39-2	298196	296090	295539	296608	0.47	cps
Rhodium	103-1	5293714	5296156	5350292	5313387	0.60	cps
Rhodium	103-2	1326095	1319216	1316031	1320447	0.39	cps
Scandium	45-1	3113125	3109263	3143650	3122012	0.60	cps
Scandium	45-2	23734	23607	23113	23484	1.40	cps
Selenium	77-2	267	320	217	268	19.30	cps
Selenium	78-2	872	906	900	893	2.00	cps
Selenium	82-1	49326	50027	49887	49747	0.75	cps
Silicon	28-1	1756873	1752610	1739747	1749743	0.51	cps
Silver	109-1	3837957	3817468	3812083	3822503	0.36	cps
Silver	107-1	3981410	4007493	3940535	3976480	0.85	cps
Sodium	23-2	2427828	2446114	2411888	2428610	0.71	cps
Strontium	86-1	997561	1002763	1000703	1000342	0.26	cps
Strontium	88-1	8589093	8593171	8624320	8602195	0.22	cps
Sulfur	34-1	516189	516585	513572	515449	0.32	cps
Terbium	159-1	7668323	7693393	7657962	7673226	0.24	cps
Terbium	159-2	1460979	1455821	1446528	1454443	0.50	cps
Thallium	203-1	3158738	3184424	3148631	3163931	0.58	cps
Thallium	205-1	7357622	7454618	7405787	7406009	0.65	cps
Tin	118-1	2646288	2661979	2676244	2661504	0.56	cps
Titanium	47-1	393816	392214	391169	392399	0.34	cps
Uranium	238-1	10257460	10315851	10372954	10315422	0.56	cps
Vanadium	51-2	227127	224546	225052	225575	0.61	cps
Yttrium	89-1	5942598	6028688	6004003	5991763	0.74	cps
Yttrium	89-2	176804	174337	173638	174926	0.95	cps
Zinc	66-2	106337	105148	104261	105249	0.99	cps
Zirconium	90-1	5590203	5675480	5689009	5651564	0.95	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:41:01	DataFile Name :	009CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1249425	1254414	1251377	1251739	0.20	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 16:44:18 DataFile Name : 010CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87829	85909	87528	87089	1.19	cps
Antimony	121-1	7690771	7602380	7724636	7672596	0.82	cps
Arsenic	75-2	78411	76661	77960	77678	1.17	cps
Barium	135-1	8125236	8073521	8178368	8125708	0.65	cps
Barium	137-1	14317518	14059915	14270607	14216013	0.97	cps
Beryllium	9-1	850627	846881	847103	848203	0.25	cps
Bismuth	209-1	4965718	4934967	4868006	4922897	1.01	cps
Bismuth	209-2	1185750	1183579	1195485	1188271	0.53	cps
Boron	10-1	98528	99695	100894	99706	1.19	cps
Boron	11-1	465724	470061	477780	471188	1.30	cps
Cadmium	111-1	1624901	1600956	1641676	1622511	1.26	cps
Cadmium	106-1	163850	163109	167843	164934	1.54	cps
Cadmium	108-1	112573	112498	112372	112481	0.09	cps
Calcium	43-1	1541214	1521576	1556796	1539862	1.15	cps
Calcium	44-1	25022666	24764636	24783832	24857045	0.58	cps
Chromium	52-2	602160	600055	607202	603139	0.61	cps
Cobalt	59-2	1311220	1307829	1313996	1311015	0.24	cps
Copper	63-2	2303494	2302908	2314384	2306929	0.28	cps
Dysprosium	156-1	117	108	158	128	20.96	cps
Dysprosium	156-2	23	7	17	16	53.90	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	43	27	17	29	46.62	cps
Holmium	165-1	7565764	7481968	7483566	7510433	0.64	cps
Holmium	165-2	1499203	1505896	1509382	1504827	0.34	cps
Indium	115-1	5608734	5666150	5622321	5632402	0.53	cps
Indium	115-2	224976	226159	229448	226861	1.02	cps
Iron	56-2	20929868	20615334	20828185	20791129	0.77	cps
Iron	57-2	523207	522006	528727	524647	0.68	cps
Lead	206-1	5118059	5065736	5092363	5092052	0.51	cps
Lead	207-1	4658803	4686167	4654314	4666428	0.37	cps
Lead	208-1	20886039	20763880	20804703	20818208	0.30	cps
Lithium	6-1	865537	863909	866609	865351	0.16	cps
Magnesium	24-2	2100399	2072846	2098733	2090659	0.74	cps
Manganese	55-2	343910	342302	349299	345170	1.06	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:44:18	DataFile Name :	010CAL5_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5926983	5884012	6005371	5938788	1.04	cps
Molybdenum	95-1	3178547	3151263	3241152	3190320	1.44	cps
Molybdenum	96-1	4216122	4161539	4226889	4201517	0.83	cps
Molybdenum	97-1	2009721	1984563	2027514	2007266	1.08	cps
Molybdenum	98-1	5152064	5183217	5258726	5198003	1.06	cps
Neodymium	150-1	333	340	280	318	10.35	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	385201	380126	384532	383286	0.72	cps
Phosphorus	31-2	6227	5860	6310	6132	3.91	cps
Potassium	39-2	588357	581646	589113	586372	0.70	cps
Rhodium	103-1	5204187	5209992	5238822	5217667	0.36	cps
Rhodium	103-2	1305482	1307880	1308254	1307205	0.12	cps
Scandium	45-1	3127464	3070787	3062913	3087055	1.14	cps
Scandium	45-2	23613	23410	24024	23682	1.32	cps
Selenium	77-2	493	557	547	532	6.40	cps
Selenium	78-2	1793	1819	1761	1791	1.61	cps
Selenium	82-1	98822	98498	98068	98463	0.38	cps
Silicon	28-1	2963689	2967058	2965099	2965282	0.06	cps
Silver	109-1	7448057	7534390	7447483	7476643	0.67	cps
Silver	107-1	7867506	7817464	7840778	7841916	0.32	cps
Sodium	23-2	4718673	4696705	4753879	4723086	0.61	cps
Strontium	86-1	2012686	2002649	2033176	2016170	0.77	cps
Strontium	88-1	17347867	17400926	17389731	17379508	0.16	cps
Sulfur	34-1	711994	706638	702570	707067	0.67	cps
Terbium	159-1	7726531	7791197	7865444	7794391	0.89	cps
Terbium	159-2	1462225	1457353	1472825	1464135	0.54	cps
Thallium	203-1	6284706	6281841	6299675	6288741	0.15	cps
Thallium	205-1	14766903	14700672	14851198	14772924	0.51	cps
Tin	118-1	5214805	5232089	5275655	5240850	0.60	cps
Titanium	47-1	787754	780454	773120	780443	0.94	cps
Uranium	238-1	20905095	21026497	20891529	20941040	0.35	cps
Vanadium	51-2	452726	447242	453460	451142	0.75	cps
Yttrium	89-1	6058483	5953460	6024188	6012044	0.89	cps
Yttrium	89-2	174518	174592	175625	174912	0.35	cps
Zinc	66-2	207613	205078	206509	206400	0.62	cps
Zirconium	90-1	11385371	11275023	11279984	11313459	0.55	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:44:18	DataFile Name :	010CALS_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2523157	2554347	2560830	2546111	0.79	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CAL5_P8110217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463063	463297	466915	464425	0.47	cps
Antimony	121-1	8928	8970	9521	9140	3.62	cps
Arsenic	75-2	30	37	24	30	21.51	cps
Barium	135-1	2109	2375	2017	2167	8.59	cps
Barium	137-1	3992	3667	3801	3820	4.28	cps
Beryllium	9-1	322	244	267	278	14.42	cps
Bismuth	209-1	4615250	4611283	4534324	4586952	0.99	cps
Bismuth	209-2	1130253	1124717	1031979	1095650	5.04	cps
Boron	10-1	4384	4126	4059	4190	4.10	cps
Boron	11-1	21008	20190	19623	20273	3.43	cps
Cadmium	111-1	1080	901	1006	995	9.00	cps
Cadmium	106-1	1208	967	1242	1139	13.18	cps
Cadmium	108-1	29	13	38	26	48.24	cps
Calcium	43-1	7711633	7713471	7741372	7722159	0.22	cps
Calcium	44-1	127259790	127632757	126981099	127291215	0.26	cps
Chromium	52-2	8433	8096	8459	8329	2.43	cps
Cobalt	59-2	1513	1640	1483	1546	5.38	cps
Copper	63-2	3641	3624	3657	3641	0.46	cps
Dysprosium	156-1	25	58	75	53	48.24	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	125	58	33	72	65.61	cps
Gadolinium	160-2	30	17	13	20	44.10	cps
Holmium	165-1	7323059	7279637	7196234	7266310	0.89	cps
Holmium	165-2	1500566	1503329	1365298	1456397	5.42	cps
Indium	115-1	5492009	5525504	5501751	5506421	0.31	cps
Indium	115-2	233294	232443	214199	226645	4.76	cps
Iron	56-2	104158066	104009288	105347102	104504819	0.70	cps
Iron	57-2	2683608	2693789	2712382	2696593	0.54	cps
Lead	206-1	7325	7380	7402	7369	0.54	cps
Lead	207-1	5824	6191	6335	6117	4.31	cps
Lead	208-1	27674	28524	28969	28389	2.32	cps
Lithium	6-1	873468	881647	880052	878389	0.49	cps
Magnesium	24-2	10815974	10810691	10956439	10861035	0.76	cps
Manganese	55-2	1033	980	917	977	5.98	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CAL5_P8110217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4468	4476	4518	4487	0.60	cps
Molybdenum	95-1	7644	7169	7494	7436	3.27	cps
Molybdenum	96-1	9604	8887	8962	9151	4.31	cps
Molybdenum	97-1	4451	4726	4384	4520	4.01	cps
Molybdenum	98-1	10596	10088	10972	10552	4.20	cps
Neodymium	150-1	67	87	73	76	13.48	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	4137	4007	4231	4125	2.72	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3055425	3080740	3108720	3081629	0.87	cps
Rhodium	103-1	5009312	4962760	4924946	4965673	0.85	cps
Rhodium	103-2	1266154	1259669	1153662	1226495	5.15	cps
Scandium	45-1	3121050	3169339	3129151	3139847	0.82	cps
Scandium	45-2	24405	24378	22565	23783	4.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	44	-25	29	16	228.27	cps
Silicon	28-1	779863	810400	831686	807316	3.23	cps
Silver	109-1	683	750	750	728	5.29	cps
Silver	107-1	850	1042	667	853	21.99	cps
Sodium	23-2	24725661	24736198	24845237	24769032	0.27	cps
Strontium	86-1	68314	70911	69544	69590	1.87	cps
Strontium	88-1	606635	601211	605535	604461	0.47	cps
Sulfur	34-1	301062	306768	309399	305743	1.39	cps
Terbium	159-1	7637629	7651374	7505344	7598116	1.06	cps
Terbium	159-2	1454764	1450441	1330018	1411741	5.02	cps
Thallium	203-1	2442	2209	2450	2367	5.80	cps
Thallium	205-1	5593	5368	4910	5290	6.58	cps
Tin	118-1	5393	4809	5076	5093	5.74	cps
Titanium	47-1	667	650	617	644	3.95	cps
Uranium	238-1	833	767	733	778	6.55	cps
Vanadium	51-2	93	97	77	89	12.05	cps
Yttrium	89-1	5937698	5864772	5937306	5913259	0.71	cps
Yttrium	89-2	179995	177680	165773	174483	4.37	cps
Zinc	66-2	770	820	713	768	6.95	cps
Zirconium	90-1	1308	1350	1500	1386	7.27	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 16:47:32	DataFile Name :	011CALS_P8110217 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	358	275	308	14.30	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:06:36 DataFile Name : 015ICV_P8110217 MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2367	2259	2292	2306	2.41	cps
Antimony	121-1	1490824	1480493	1479968	1483762	0.41	cps
Arsenic	75-2	16102	15737	15828	15889	1.20	cps
Barium	135-1	158268	159914	159349	159177	0.53	cps
Barium	137-1	277192	280058	279157	278802	0.53	cps
Beryllium	9-1	86313	87934	85972	86740	1.21	cps
Bismuth	209-1	4960043	4934348	4960914	4951768	0.30	cps
Bismuth	209-2	1231345	1234890	1238270	1234835	0.28	cps
Boron	10-1	62010	60603	61374	61329	1.15	cps
Boron	11-1	289823	293650	292478	291984	0.67	cps
Cadmium	111-1	165242	162302	165110	164218	1.01	cps
Cadmium	106-1	26778	26059	26352	26396	1.37	cps
Cadmium	108-1	14904	15430	14391	14909	3.48	cps
Calcium	43-1	33700	32848	34260	33602	2.12	cps
Calcium	44-1	529794	529629	532068	530497	0.26	cps
Chromium	52-2	62244	61534	61686	61821	0.61	cps
Cobalt	59-2	137325	136854	137274	137151	0.19	cps
Copper	63-2	121253	121283	119252	120596	0.96	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	42	100	64	49.39	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	8	58	33	33	75.02	cps
Gadolinium	160-2	10	20	27	19	44.42	cps
Holmium	165-1	7297016	7385693	7355069	7345926	0.61	cps
Holmium	165-2	1528413	1514781	1517659	1520284	0.47	cps
Indium	115-1	5824901	5844954	5867317	5845724	0.36	cps
Indium	115-2	244906	242754	241172	242944	0.77	cps
Iron	56-2	427894	428031	430063	428663	0.28	cps
Iron	57-2	10982	11049	10877	10969	0.79	cps
Lead	206-1	1003088	1002485	1003629	1003068	0.06	cps
Lead	207-1	869439	866191	870693	868774	0.27	cps
Lead	208-1	4085298	4086174	4026523	4065998	0.84	cps
Lithium	6-1	919505	917281	919990	918925	0.16	cps
Magnesium	24-2	25883	27611	25874	26456	3.78	cps
Manganese	55-2	17785	17581	17721	17696	0.59	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:06:36 DataFile Name : 015ICV_P8110217 MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2952410	2916171	2936711	2935097	0.62	cps
Molybdenum	95-1	1595064	1594660	1561501	1583742	1.22	cps
Molybdenum	96-1	2051316	2061299	2071445	2061353	0.49	cps
Molybdenum	97-1	965180	961397	965741	964106	0.25	cps
Molybdenum	98-1	2554346	2570970	2547603	2557640	0.47	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40874	40131	40552	40519	0.92	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	26793	25733	27261	26595	2.94	cps
Rhodium	103-1	5509744	5502988	5420309	5477680	0.91	cps
Rhodium	103-2	1395317	1389675	1383497	1389497	0.43	cps
Scandium	45-1	3196851	3203726	3176349	3192309	0.45	cps
Scandium	45-2	25156	25286	25473	25305	0.63	cps
Selenium	77-2	143	93	107	114	22.62	cps
Selenium	78-2	357	402	352	370	7.40	cps
Selenium	82-1	19604	19611	19626	19614	0.06	cps
Silicon	28-1	1648964	1658190	1660632	1655929	0.37	cps
Silver	109-1	734711	747707	741520	741313	0.88	cps
Silver	107-1	787666	781060	787970	785565	0.50	cps
Sodium	23-2	104029	103726	101468	103074	1.36	cps
Strontium	86-1	987007	979329	972841	979726	0.72	cps
Strontium	88-1	8550044	8538214	8511894	8533384	0.23	cps
Sulfur	34-1	298959	297009	297003	297657	0.38	cps
Terbium	159-1	7711400	7653362	7682450	7682404	0.38	cps
Terbium	159-2	1484365	1475651	1481862	1480626	0.30	cps
Thallium	203-1	1236752	1251991	1253170	1247304	0.73	cps
Thallium	205-1	3044199	3040536	3088747	3057828	0.88	cps
Tin	118-1	2661438	2659647	2628888	2649991	0.69	cps
Titanium	47-1	393198	389340	389346	390628	0.57	cps
Uranium	238-1	10787390	10755207	10717853	10753483	0.32	cps
Vanadium	51-2	47032	46183	46554	46589	0.91	cps
Yttrium	89-1	6074704	6083177	6121569	6093150	0.41	cps
Yttrium	89-2	182146	182382	181548	182025	0.24	cps
Zinc	66-2	21881	21794	21417	21697	1.14	cps
Zirconium	90-1	5537350	5466487	5496218	5500018	0.65	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:06:36	DataFile Name :	015ICV_P8110217 MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1220937	1213921	1209206	1214688	0.49	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	25	25	66.68	cps
Antimony	121-1	967	1100	1008	1025	6.66	cps
Arsenic	75-2	6	0	0	2	173.21	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	58	42	33	44	28.65	cps
Beryllium	9-1	122	106	133	120	11.62	cps
Bismuth	209-1	4950033	4938831	4961797	4950220	0.23	cps
Bismuth	209-2	1227721	1230953	1230880	1229851	0.15	cps
Boron	10-1	1458	1433	1492	1461	2.00	cps
Boron	11-1	7127	6710	6352	6730	5.77	cps
Cadmium	111-1	791	707	757	751	5.63	cps
Cadmium	106-1	1108	1000	1083	1064	5.33	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1158	967	1108	1078	9.22	cps
Calcium	44-1	11514	11856	11564	11644	1.59	cps
Chromium	52-2	547	623	600	590	6.66	cps
Cobalt	59-2	60	53	60	58	6.67	cps
Copper	63-2	97	107	70	91	20.80	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	75	33	25	44	60.28	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	7279871	7214296	7314950	7269705	0.70	cps
Holmium	165-2	1501230	1516140	1509299	1508889	0.49	cps
Indium	115-1	5804206	5848646	5823512	5825455	0.38	cps
Indium	115-2	246633	245789	246071	246165	0.17	cps
Iron	56-2	1489	1306	1367	1387	6.73	cps
Iron	57-2	39	56	17	37	52.68	cps
Lead	206-1	722	672	683	693	3.79	cps
Lead	207-1	606	728	528	620	16.25	cps
Lead	208-1	2950	2872	2656	2826	5.40	cps
Lithium	6-1	908654	898911	927946	911837	1.62	cps
Magnesium	24-2	92	83	100	92	9.09	cps
Manganese	55-2	10	30	20	20	50.00	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	308	325	331	7.70	cps
Molybdenum	95-1	192	117	167	158	24.12	cps
Molybdenum	96-1	142	217	250	203	27.36	cps
Molybdenum	97-1	125	83	58	89	37.89	cps
Molybdenum	98-1	242	342	325	303	17.70	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	103	93	84	29.10	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2292	2375	1925	2198	10.90	cps
Rhodium	103-1	5446686	5427227	5444908	5439607	0.20	cps
Rhodium	103-2	1383602	1378215	1395434	1385750	0.64	cps
Scandium	45-1	3191108	3152163	3157460	3166910	0.67	cps
Scandium	45-2	24261	24979	25714	24985	2.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	83	3	-55	10	663.81	cps
Silicon	28-1	326757	323749	325965	325490	0.48	cps
Silver	109-1	108	117	117	114	4.22	cps
Silver	107-1	158	192	167	172	10.07	cps
Sodium	23-2	5218	5476	5343	5346	2.42	cps
Strontium	86-1	442	367	517	442	16.98	cps
Strontium	88-1	275	225	242	247	10.30	cps
Sulfur	34-1	299066	296840	298098	298001	0.37	cps
Terbium	159-1	7604481	7544804	7740413	7629900	1.31	cps
Terbium	159-2	1465897	1461083	1476231	1467737	0.53	cps
Thallium	203-1	600	525	542	556	7.09	cps
Thallium	205-1	1517	1492	1450	1486	2.27	cps
Tin	118-1	942	792	825	853	9.24	cps
Titanium	47-1	183	117	117	139	27.71	cps
Uranium	238-1	142	92	167	133	28.64	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	6040610	6006029	6025755	6024131	0.29	cps
Yttrium	89-2	181791	182564	181442	181932	0.32	cps
Zinc	66-2	57	50	43	50	13.34	cps
Zirconium	90-1	542	625	542	569	8.45	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:09:43	DataFile Name :	016CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	108	125	103	24.77	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:12:54 DataFile Name : 017ICSA_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434107	428071	427104	429761	0.88	cps
Antimony	121-1	8845	8787	8703	8778	0.81	cps
Arsenic	75-2	19	44	22	28	49.38	cps
Barium	135-1	2384	2525	2559	2489	3.73	cps
Barium	137-1	4318	4084	4109	4170	3.07	cps
Beryllium	9-1	289	350	344	328	10.31	cps
Bismuth	209-1	4614723	4710899	4663121	4662914	1.03	cps
Bismuth	209-2	1173956	1170087	1176853	1173632	0.29	cps
Boron	10-1	1383	1158	1300	1281	8.88	cps
Boron	11-1	6293	6502	5701	6166	6.73	cps
Cadmium	111-1	1108	1241	1241	1197	6.41	cps
Cadmium	106-1	992	1067	1150	1070	7.41	cps
Cadmium	108-1	796	729	871	799	8.87	cps
Calcium	43-1	1549376	1564234	1549863	1554491	0.54	cps
Calcium	44-1	24921224	24746835	25252925	24973661	1.03	cps
Chromium	52-2	13480	13390	13814	13561	1.65	cps
Cobalt	59-2	1687	1753	1590	1677	4.90	cps
Copper	63-2	9430	9513	9603	9516	0.91	cps
Dysprosium	156-1	25	83	25	44	75.78	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	23	10	0	11	105.35	cps
Gadolinium	160-1	67	75	42	61	28.38	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	7308982	7303442	7309164	7307196	0.04	cps
Holmium	165-2	1513605	1507011	1518865	1513160	0.39	cps
Indium	115-1	5664159	5671169	5725624	5686984	0.59	cps
Indium	115-2	242630	241269	242578	242159	0.32	cps
Iron	56-2	43614997	42856534	43351468	43274333	0.89	cps
Iron	57-2	1095504	1080116	1087330	1087650	0.71	cps
Lead	206-1	24947	24513	24725	24728	0.88	cps
Lead	207-1	20044	19427	19504	19658	1.71	cps
Lead	208-1	93557	92862	92816	93079	0.45	cps
Lithium	6-1	856055	861579	860638	859424	0.34	cps
Magnesium	24-2	2190902	2176789	2165209	2177633	0.59	cps
Manganese	55-2	1513	1353	1317	1395	7.50	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:12:54	DataFile Name :	017ICSA_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3550867	3513893	3514743	3526501	0.60	cps
Molybdenum	95-1	6137730	6153037	6093181	6127983	0.51	cps
Molybdenum	96-1	6702773	6683894	6682484	6689717	0.17	cps
Molybdenum	97-1	3853833	3858125	3848129	3853362	0.13	cps
Molybdenum	98-1	9976473	9844661	9943703	9921612	0.69	cps
Neodymium	150-1	33	7	47	29	70.50	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2344	2267	2310	2307	1.67	cps
Phosphorus	31-2	32137	32137	32079	32118	0.10	cps
Potassium	39-2	1274272	1247804	1268842	1263639	1.11	cps
Rhodium	103-1	5236748	5274848	5202296	5237964	0.69	cps
Rhodium	103-2	1341630	1337383	1342767	1340593	0.21	cps
Scandium	45-1	3176484	3239683	3172891	3196353	1.18	cps
Scandium	45-2	25166	25069	25517	25251	0.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	38	-17	-43	-7	-583.58	cps
Silicon	28-1	429607	428179	430651	429479	0.29	cps
Silver	109-1	1025	1108	1317	1150	13.06	cps
Silver	107-1	1008	1083	1250	1114	11.11	cps
Sodium	23-2	5013844	4983169	4978994	4992002	0.38	cps
Strontium	86-1	68522	67953	67718	68064	0.61	cps
Strontium	88-1	599590	594535	595389	596505	0.45	cps
Sulfur	34-1	2145618	2135219	2122186	2134341	0.55	cps
Terbium	159-1	7628895	7681244	7671760	7660633	0.36	cps
Terbium	159-2	1474573	1468848	1478739	1474053	0.34	cps
Thallium	203-1	1017	1042	1158	1072	7.05	cps
Thallium	205-1	2084	2467	2409	2320	8.91	cps
Tin	118-1	1508	1408	1333	1417	6.20	cps
Titanium	47-1	1600016	1582977	1566407	1583133	1.06	cps
Uranium	238-1	400	367	492	419	15.43	cps
Vanadium	51-2	97	80	73	83	14.43	cps
Yttrium	89-1	6069211	6049236	6010939	6043128	0.49	cps
Yttrium	89-2	183170	184277	184896	184115	0.48	cps
Zinc	66-2	1303	1317	1317	1312	0.59	cps
Zirconium	90-1	1067	933	1083	1028	8.00	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:12:54	DataFile Name :	017ICSA_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	283	267	253	15.58	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:16:02 DataFile Name : 018ICSB_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423330	424040	419479	422283	0.58	cps
Antimony	121-1	157013	159206	158539	158253	0.71	cps
Arsenic	75-2	1572	1680	1532	1595	4.80	cps
Barium	135-1	35231	35608	34914	35251	0.99	cps
Barium	137-1	60121	60673	61863	60886	1.46	cps
Beryllium	9-1	17906	16910	17205	17341	2.95	cps
Bismuth	209-1	4630546	4676800	4693849	4667065	0.70	cps
Bismuth	209-2	1175269	1183611	1175473	1178118	0.40	cps
Boron	10-1	5076	5051	4934	5021	1.51	cps
Boron	11-1	22251	22460	23453	22722	2.83	cps
Cadmium	111-1	32709	33265	32752	32909	0.94	cps
Cadmium	106-1	4626	4459	4609	4565	2.01	cps
Cadmium	108-1	3209	2796	3100	3035	7.05	cps
Calcium	43-1	1536723	1517596	1530229	1528183	0.64	cps
Calcium	44-1	24813985	24834152	24771717	24806618	0.13	cps
Chromium	52-2	25340	26021	25517	25626	1.38	cps
Cobalt	59-2	29882	29558	29111	29517	1.31	cps
Copper	63-2	34008	33170	33594	33591	1.25	cps
Dysprosium	156-1	0	42	75	39	96.62	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	25	117	67	69.60	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	100	92	25	72	56.92	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	7335153	7319723	7304294	7319723	0.21	cps
Holmium	165-2	1515591	1526989	1514189	1518923	0.46	cps
Indium	115-1	5748502	5754636	5786432	5763190	0.35	cps
Indium	115-2	243120	242891	240220	242077	0.67	cps
Iron	56-2	42545494	42731007	42456900	42577800	0.33	cps
Iron	57-2	1070986	1077915	1076093	1074998	0.33	cps
Lead	206-1	122210	123438	121779	122476	0.70	cps
Lead	207-1	101134	102388	102175	101899	0.66	cps
Lead	208-1	474741	475884	470916	473847	0.55	cps
Lithium	6-1	856634	854385	855273	855431	0.13	cps
Magnesium	24-2	2186820	2160282	2164140	2170414	0.66	cps
Manganese	55-2	5011	5054	4918	4994	1.40	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:16:02 DataFile Name : 018ICSB_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3723036	3755512	3751626	3743391	0.47	cps
Molybdenum	95-1	6299271	6238117	6211271	6249553	0.72	cps
Molybdenum	96-1	6842022	6785036	6853226	6826761	0.54	cps
Molybdenum	97-1	3890283	3903428	3909938	3901216	0.26	cps
Molybdenum	98-1	9952736	10187566	10116910	10085737	1.19	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	10331	10361	10204	10298	0.81	cps
Phosphorus	31-2	31578	32380	30409	31456	3.15	cps
Potassium	39-2	1253055	1243789	1248420	1248421	0.37	cps
Rhodium	103-1	5251117	5322411	5314920	5296149	0.74	cps
Rhodium	103-2	1344517	1344159	1336109	1341595	0.35	cps
Scandium	45-1	3232413	3188371	3196003	3205596	0.73	cps
Scandium	45-2	25450	24929	25353	25244	1.10	cps
Selenium	77-2	10	13	20	14	35.26	cps
Selenium	78-2	41	39	37	39	4.76	cps
Selenium	82-1	1917	1964	2024	1969	2.73	cps
Silicon	28-1	543426	547448	544467	545114	0.38	cps
Silver	109-1	142548	142641	142132	142441	0.19	cps
Silver	107-1	149927	147636	147981	148514	0.83	cps
Sodium	23-2	4909191	4906700	4859054	4891649	0.58	cps
Strontium	86-1	141915	141620	141021	141519	0.32	cps
Strontium	88-1	1230282	1236071	1226930	1231094	0.38	cps
Sulfur	34-1	2102439	2091435	2112419	2102098	0.50	cps
Terbium	159-1	7638369	7637248	7603456	7626358	0.26	cps
Terbium	159-2	1488287	1477604	1463602	1476498	0.84	cps
Thallium	203-1	122925	121512	123277	122571	0.76	cps
Thallium	205-1	292986	289444	287689	290040	0.93	cps
Tin	118-1	190176	190930	193234	191447	0.83	cps
Titanium	47-1	1618459	1592862	1601532	1604284	0.81	cps
Uranium	238-1	723086	723556	725300	723981	0.16	cps
Vanadium	51-2	9580	9750	9543	9625	1.15	cps
Yttrium	89-1	6036578	6057996	6100783	6065119	0.54	cps
Yttrium	89-2	186061	185218	185136	185472	0.28	cps
Zinc	66-2	3434	3457	3374	3422	1.26	cps
Zirconium	90-1	417656	419338	417709	418234	0.23	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:16:02	DataFile Name :	018ICSB_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	95468	91809	91238	92838	2.47	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231147	237437	235318	234634	1.36	cps
Antimony	121-1	3829023	3844468	3796559	3823350	0.64	cps
Arsenic	75-2	40199	40875	40626	40567	0.84	cps
Barium	135-1	4123825	4102040	4051064	4092310	0.91	cps
Barium	137-1	7107691	7070026	7046649	7074789	0.44	cps
Beryllium	9-1	434448	434851	435367	434889	0.11	cps
Bismuth	209-1	4660598	4685273	4641312	4662394	0.47	cps
Bismuth	209-2	1140598	1093344	1156056	1129999	2.89	cps
Boron	10-1	49268	50172	51250	50230	1.98	cps
Boron	11-1	230930	241128	243585	238547	2.81	cps
Cadmium	111-1	785005	788790	783650	785815	0.34	cps
Cadmium	106-1	81438	83895	80952	82095	1.92	cps
Cadmium	108-1	55899	56029	54434	55454	1.60	cps
Calcium	43-1	3959990	4009019	3960331	3976447	0.71	cps
Calcium	44-1	65171441	64662689	64520510	64784880	0.53	cps
Chromium	52-2	324309	326469	321836	324205	0.72	cps
Cobalt	59-2	679624	685945	680897	682156	0.49	cps
Copper	63-2	1164430	1174334	1166975	1168580	0.44	cps
Dysprosium	156-1	100	117	58	92	32.77	cps
Dysprosium	156-2	7	27	7	13	86.58	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	100	150	67	106	39.74	cps
Gadolinium	160-2	17	13	27	19	36.75	cps
Holmium	165-1	7311838	7240477	7317273	7289863	0.59	cps
Holmium	165-2	1492034	1429803	1508840	1476892	2.82	cps
Indium	115-1	5699352	5583950	5522324	5601875	1.60	cps
Indium	115-2	233624	224371	236219	231404	2.69	cps
Iron	56-2	52854929	52793361	52523816	52724035	0.33	cps
Iron	57-2	1337435	1345344	1334136	1338971	0.43	cps
Lead	206-1	2442304	2457991	2446770	2449022	0.33	cps
Lead	207-1	2286231	2251421	2238530	2258727	1.09	cps
Lead	208-1	10163209	10074985	10072354	10103516	0.51	cps
Lithium	6-1	864427	863826	868293	865515	0.28	cps
Magnesium	24-2	5784745	5755333	5701004	5747027	0.74	cps
Manganese	55-2	183532	184942	183795	184090	0.41	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3055491	3046429	3071009	3057643	0.41	cps
Molybdenum	95-1	1642637	1631771	1635660	1636689	0.34	cps
Molybdenum	96-1	2168480	2164220	2152130	2161610	0.39	cps
Molybdenum	97-1	1003194	995948	990777	996639	0.63	cps
Molybdenum	98-1	2678870	2646859	2627293	2651007	0.98	cps
Neodymium	150-1	260	187	160	202	25.61	cps
Neodymium	150-2	13	30	13	19	50.96	cps
Nickel	60-2	196718	198996	200101	198605	0.87	cps
Phosphorus	31-2	3192	3467	3251	3303	4.39	cps
Potassium	39-2	1617445	1612196	1605083	1611575	0.38	cps
Rhodium	103-1	5152280	5128385	5088088	5122918	0.63	cps
Rhodium	103-2	1283213	1232629	1299194	1271679	2.73	cps
Scandium	45-1	3187465	3171178	3137102	3165248	0.81	cps
Scandium	45-2	24699	24311	25173	24728	1.74	cps
Selenium	77-2	253	320	267	280	12.60	cps
Selenium	78-2	959	944	889	931	3.99	cps
Selenium	82-1	49072	49397	49090	49186	0.37	cps
Silicon	28-1	1797968	1803133	1820553	1807218	0.65	cps
Silver	109-1	3664228	3691037	3688828	3681364	0.40	cps
Silver	107-1	3891287	3879858	3830081	3867075	0.84	cps
Sodium	23-2	12441935	12555448	12510634	12502672	0.46	cps
Strontium	86-1	1041193	1044503	1028190	1037962	0.83	cps
Strontium	88-1	9037985	9077279	8963728	9026331	0.64	cps
Sulfur	34-1	515149	518849	518416	517471	0.39	cps
Terbium	159-1	7673610	7597006	7498947	7589854	1.15	cps
Terbium	159-2	1451895	1391367	1455762	1433008	2.52	cps
Thallium	203-1	3033919	3052419	3022549	3036296	0.50	cps
Thallium	205-1	7115554	7114111	7089059	7106241	0.21	cps
Tin	118-1	2686750	2661781	2634865	2661132	0.98	cps
Titanium	47-1	402193	404728	402773	403232	0.33	cps
Uranium	238-1	10025162	10079999	9936844	10014002	0.72	cps
Vanadium	51-2	242200	242408	239430	241346	0.69	cps
Yttrium	89-1	6111338	6010203	5979424	6033655	1.14	cps
Yttrium	89-2	180007	172083	182490	178194	3.05	cps
Zinc	66-2	107231	106679	106696	106869	0.29	cps
Zirconium	90-1	5731544	5722930	5655474	5703316	0.73	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P8
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:19:09	DataFile Name :	019CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1272354	1262314	1265613	1266760	0.40	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P8
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:22:11	DataFile Name :	020CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	33	19	89.21	cps
Antimony	121-1	1800	2050	1925	1925	6.49	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	75	75	25	58	49.49	cps
Barium	137-1	67	58	67	64	7.53	cps
Beryllium	9-1	161	133	183	159	15.73	cps
Bismuth	209-1	4824882	4786643	4855622	4822383	0.72	cps
Bismuth	209-2	1200775	1198722	1197584	1199027	0.13	cps
Boron	10-1	2184	2334	2125	2214	4.86	cps
Boron	11-1	10888	9345	9170	9801	9.65	cps
Cadmium	111-1	723	859	724	769	10.14	cps
Cadmium	106-1	917	1100	983	1000	9.28	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	1108	1075	975	1053	6.59	cps
Calcium	44-1	12948	13207	12948	13034	1.14	cps
Chromium	52-2	643	613	657	638	3.48	cps
Cobalt	59-2	40	33	33	36	10.83	cps
Copper	63-2	210	173	203	196	9.99	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	42	33	25	88.19	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	7182297	7123583	7125267	7143716	0.47	cps
Holmium	165-2	1472267	1469054	1466298	1469207	0.20	cps
Indium	115-1	5773490	5726781	5725616	5741962	0.48	cps
Indium	115-2	243272	241297	242015	242195	0.41	cps
Iron	56-2	2084	2000	1878	1987	5.20	cps
Iron	57-2	44	61	61	56	17.31	cps
Lead	206-1	1039	917	906	954	7.76	cps
Lead	207-1	856	667	967	830	18.28	cps
Lead	208-1	4112	3573	3800	3828	7.07	cps
Lithium	6-1	885039	882228	889304	885523	0.40	cps
Magnesium	24-2	108	117	75	100	22.05	cps
Manganese	55-2	13	17	20	17	20.01	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CCB039 Instrumnet Name : P8
 Client Sample ID : CCB039 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:22:11 DataFile Name : 020CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	425	517	442	15.44	cps
Molybdenum	95-1	208	192	242	214	11.90	cps
Molybdenum	96-1	317	317	400	344	13.97	cps
Molybdenum	97-1	175	233	150	186	22.98	cps
Molybdenum	98-1	400	508	550	486	15.93	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	87	97	100	15.27	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2600	2567	2459	2542	2.91	cps
Rhodium	103-1	5358733	5323290	5227601	5303208	1.28	cps
Rhodium	103-2	1362320	1351698	1355514	1356511	0.40	cps
Scandium	45-1	3121285	3129966	3152414	3134555	0.51	cps
Scandium	45-2	24355	24148	23683	24062	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	7	4	65.54	cps
Selenium	82-1	62	-79	-75	-31	-261.11	cps
Silicon	28-1	321122	321668	320115	320968	0.25	cps
Silver	109-1	300	383	383	356	13.53	cps
Silver	107-1	367	483	400	417	14.42	cps
Sodium	23-2	8003	7986	7661	7883	2.45	cps
Strontium	86-1	383	492	525	467	15.87	cps
Strontium	88-1	158	267	150	192	33.96	cps
Sulfur	34-1	301732	301452	301274	301486	0.08	cps
Terbium	159-1	7415956	7434544	7471118	7440540	0.38	cps
Terbium	159-2	1436537	1440352	1437180	1438023	0.14	cps
Thallium	203-1	858	850	1008	906	9.84	cps
Thallium	205-1	2242	2392	2034	2223	8.10	cps
Tin	118-1	850	667	650	722	15.37	cps
Titanium	47-1	117	133	167	139	18.33	cps
Uranium	238-1	133	125	167	142	15.56	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	5903814	5848055	5867170	5873013	0.48	cps
Yttrium	89-2	179427	178317	177786	178510	0.47	cps
Zinc	66-2	70	50	60	60	16.67	cps
Zirconium	90-1	558	750	650	653	14.69	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P8
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:22:11	DataFile Name :	020CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	150	133	133	12.50	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:25:23 DataFile Name : 021SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	67	133	103	32.77	cps
Antimony	121-1	14675	13774	13549	14000	4.26	cps
Arsenic	75-2	81	74	65	73	11.36	cps
Barium	135-1	14409	14400	13349	14052	4.34	cps
Barium	137-1	25225	25100	25000	25108	0.45	cps
Beryllium	9-1	878	928	917	907	2.89	cps
Bismuth	209-1	4830283	4815423	4653627	4766444	2.06	cps
Bismuth	209-2	1184522	1187331	1201158	1191004	0.75	cps
Boron	10-1	3100	3267	3517	3295	6.37	cps
Boron	11-1	14783	15726	14800	15103	3.57	cps
Cadmium	111-1	2250	2082	2131	2154	4.02	cps
Cadmium	106-1	1292	1150	1083	1175	9.06	cps
Cadmium	108-1	83	117	129	110	21.59	cps
Calcium	43-1	7828	7727	7669	7741	1.03	cps
Calcium	44-1	121010	122690	117252	120318	2.31	cps
Chromium	52-2	1770	1847	1660	1759	5.33	cps
Cobalt	59-2	1343	1333	1253	1310	3.77	cps
Copper	63-2	2350	2247	2384	2327	3.06	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	7162264	7058051	6919410	7046575	1.73	cps
Holmium	165-2	1452970	1451237	1466877	1457028	0.59	cps
Indium	115-1	5676879	5669298	5562231	5636136	1.14	cps
Indium	115-2	238416	237367	241100	238961	0.81	cps
Iron	56-2	21712	21417	20955	21361	1.79	cps
Iron	57-2	467	500	544	504	7.75	cps
Lead	206-1	5268	5396	5396	5353	1.38	cps
Lead	207-1	4807	4901	4745	4818	1.63	cps
Lead	208-1	22092	21574	21686	21784	1.25	cps
Lithium	6-1	865179	872174	852615	863323	1.15	cps
Magnesium	24-2	9921	9604	10179	9901	2.91	cps
Manganese	55-2	177	160	207	181	13.06	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:25:23 DataFile Name : 021SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12673	12014	11272	11986	5.85	cps
Molybdenum	95-1	13691	14175	13349	13738	3.02	cps
Molybdenum	96-1	14934	15585	14992	15170	2.37	cps
Molybdenum	97-1	8845	8453	8862	8720	2.65	cps
Molybdenum	98-1	23112	21985	21526	22208	3.67	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	407	467	517	463	11.89	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	8053	7911	8003	7989	0.90	cps
Rhodium	103-1	5293284	5301328	5135192	5243268	1.79	cps
Rhodium	103-2	1334611	1342188	1349111	1341970	0.54	cps
Scandium	45-1	3080904	3126213	3047969	3085028	1.27	cps
Scandium	45-2	23747	24027	23931	23902	0.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	15	11	12	17.31	cps
Selenium	82-1	455	497	417	456	8.79	cps
Silicon	28-1	355180	358349	357999	357176	0.49	cps
Silver	109-1	7477	7044	6777	7099	4.98	cps
Silver	107-1	7111	7911	6802	7275	7.87	cps
Sodium	23-2	29640	28805	28421	28955	2.15	cps
Strontium	86-1	2192	2342	2275	2270	3.31	cps
Strontium	88-1	16344	15701	15359	15802	3.16	cps
Sulfur	34-1	299688	298194	297318	298400	0.40	cps
Terbium	159-1	7360488	7416221	7240225	7338978	1.23	cps
Terbium	159-2	1419418	1430016	1425408	1424948	0.37	cps
Thallium	203-1	6335	5877	5627	5946	6.04	cps
Thallium	205-1	14359	14400	13983	14247	1.61	cps
Tin	118-1	24290	23396	22945	23544	2.91	cps
Titanium	47-1	3667	3617	3192	3492	7.48	cps
Uranium	238-1	17772	17722	16812	17435	3.10	cps
Vanadium	51-2	2047	2087	2127	2087	1.92	cps
Yttrium	89-1	5869558	5867647	5730403	5822536	1.37	cps
Yttrium	89-2	175507	175633	176674	175938	0.36	cps
Zinc	66-2	277	257	267	267	3.75	cps
Zirconium	90-1	10046	10638	10171	10285	3.04	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:25:23	DataFile Name :	021SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2267	2009	2292	2189	7.17	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:28:34	DataFile Name :	022CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	358	375	417	383	7.84	cps
Arsenic	75-2	2	4	0	2	100.00	cps
Barium	135-1	42	58	8	36	70.51	cps
Barium	137-1	0	25	25	17	86.60	cps
Beryllium	9-1	111	56	78	81	34.31	cps
Bismuth	209-1	4973034	4834651	4390908	4732864	6.43	cps
Bismuth	209-2	1231891	1222745	1220776	1225137	0.48	cps
Boron	10-1	1050	1025	1000	1025	2.44	cps
Boron	11-1	4651	4509	4393	4518	2.86	cps
Cadmium	111-1	840	781	745	789	6.03	cps
Cadmium	106-1	1200	1092	1033	1108	7.63	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	967	992	967	975	1.48	cps
Calcium	44-1	11530	11947	12339	11939	3.39	cps
Chromium	52-2	647	613	593	618	4.36	cps
Cobalt	59-2	50	33	53	46	23.52	cps
Copper	63-2	120	130	130	127	4.56	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	7247339	7199367	6417056	6954588	6.70	cps
Holmium	165-2	1506547	1503344	1502375	1504089	0.15	cps
Indium	115-1	5859572	5840753	5169403	5623243	6.99	cps
Indium	115-2	248370	247432	244458	246753	0.83	cps
Iron	56-2	1417	1311	1361	1363	3.87	cps
Iron	57-2	39	28	17	28	39.99	cps
Lead	206-1	778	828	622	743	14.44	cps
Lead	207-1	644	656	667	656	1.70	cps
Lead	208-1	3161	2884	2684	2909	8.25	cps
Lithium	6-1	890866	891027	792315	858070	6.64	cps
Magnesium	24-2	108	100	133	114	15.23	cps
Manganese	55-2	10	7	10	9	21.63	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:28:34	DataFile Name :	022CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	167	192	192	13.04	cps
Molybdenum	95-1	125	100	58	94	35.66	cps
Molybdenum	96-1	192	92	233	172	42.28	cps
Molybdenum	97-1	50	58	125	78	52.85	cps
Molybdenum	98-1	150	75	133	119	32.97	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	83	93	84	9.94	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2259	2142	2342	2247	4.47	cps
Rhodium	103-1	5459001	5450876	4861061	5256980	6.52	cps
Rhodium	103-2	1380426	1384951	1385793	1383723	0.21	cps
Scandium	45-1	3148998	3166779	2776340	3030706	7.27	cps
Scandium	45-2	24295	24655	24552	24500	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	7	-26	-5	-8	-211.05	cps
Silicon	28-1	322452	318780	317796	319676	0.77	cps
Silver	109-1	142	150	183	158	13.92	cps
Silver	107-1	217	225	192	211	8.22	cps
Sodium	23-2	6468	5943	6143	6185	4.29	cps
Strontium	86-1	433	450	550	478	13.21	cps
Strontium	88-1	192	200	133	175	20.76	cps
Sulfur	34-1	301757	298762	301580	300700	0.56	cps
Terbium	159-1	7540712	7609810	6741127	7297216	6.62	cps
Terbium	159-2	1474247	1475065	1467226	1472179	0.29	cps
Thallium	203-1	417	342	392	383	9.96	cps
Thallium	205-1	858	925	992	925	7.21	cps
Tin	118-1	558	692	500	583	16.84	cps
Titanium	47-1	92	75	150	106	37.31	cps
Uranium	238-1	42	42	75	53	36.46	cps
Vanadium	51-2	0	10	13	8	89.21	cps
Yttrium	89-1	5982405	5948722	5299859	5743662	6.70	cps
Yttrium	89-2	182801	183341	180992	182378	0.67	cps
Zinc	66-2	67	37	47	50	30.55	cps
Zirconium	90-1	450	400	400	417	6.93	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:28:34	DataFile Name :	022CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	92	81	23.89	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103923BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:31:45 DataFile Name : 023LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	275	208	236	14.70	cps
Antimony	121-1	30043	29517	30335	29965	1.38	cps
Arsenic	75-2	156	148	157	154	3.19	cps
Barium	135-1	31288	31071	31279	31213	0.39	cps
Barium	137-1	53584	53927	53626	53713	0.35	cps
Beryllium	9-1	1911	1850	1789	1850	3.30	cps
Bismuth	209-1	4980372	4929268	4930805	4946815	0.59	cps
Bismuth	209-2	1231878	1238894	1233469	1234747	0.30	cps
Boron	10-1	5243	5585	5601	5476	3.69	cps
Boron	11-1	24338	25715	25599	25217	3.03	cps
Cadmium	111-1	3963	3878	3719	3853	3.21	cps
Cadmium	106-1	1358	1317	1408	1361	3.37	cps
Cadmium	108-1	288	254	138	226	34.79	cps
Calcium	43-1	15217	15951	15526	15565	2.37	cps
Calcium	44-1	248248	252346	249635	250076	0.83	cps
Chromium	52-2	3144	3357	3264	3255	3.29	cps
Cobalt	59-2	2904	2807	2867	2859	1.71	cps
Copper	63-2	4964	5218	4918	5033	3.21	cps
Dysprosium	156-1	17	33	8	19	65.48	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	100	33	67	50.00	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	75	75	8	53	72.93	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7338424	7315834	7270910	7308389	0.47	cps
Holmium	165-2	1509398	1519784	1509826	1513003	0.39	cps
Indium	115-1	5850126	5836470	5878603	5855066	0.37	cps
Indium	115-2	247188	247161	249046	247798	0.44	cps
Iron	56-2	178853	182545	181188	180862	1.03	cps
Iron	57-2	4729	4634	4618	4660	1.29	cps
Lead	206-1	10455	10421	10232	10369	1.16	cps
Lead	207-1	9370	9710	9932	9671	2.92	cps
Lead	208-1	42368	43130	42668	42722	0.90	cps
Lithium	6-1	890843	915690	893686	900073	1.51	cps
Magnesium	24-2	20899	20791	21909	21200	2.91	cps
Manganese	55-2	453	407	363	408	11.04	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : PB103923BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:31:45 DataFile Name : 023LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25675	25600	25207	25494	0.99	cps
Molybdenum	95-1	30393	30427	30485	30435	0.15	cps
Molybdenum	96-1	33568	33141	33133	33281	0.75	cps
Molybdenum	97-1	18906	19390	18255	18850	3.02	cps
Molybdenum	98-1	48572	48563	48169	48435	0.47	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	877	1013	957	949	7.24	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	13999	13449	14049	13832	2.41	cps
Rhodium	103-1	5516724	5435628	5483069	5478474	0.74	cps
Rhodium	103-2	1395623	1389166	1384390	1389726	0.41	cps
Scandium	45-1	3211467	3157233	3189606	3186102	0.86	cps
Scandium	45-2	24682	24605	24795	24694	0.39	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	17	28	22	22	25.00	cps
Selenium	82-1	879	862	982	908	7.18	cps
Silicon	28-1	411517	411876	409096	410830	0.37	cps
Silver	109-1	15393	15443	14659	15165	2.90	cps
Silver	107-1	16194	15968	15217	15793	3.24	cps
Sodium	23-2	54731	54564	53410	54235	1.33	cps
Strontium	86-1	3984	4418	4051	4151	5.62	cps
Strontium	88-1	34528	34929	33935	34464	1.45	cps
Sulfur	34-1	304795	305936	306312	305681	0.26	cps
Terbium	159-1	7619908	7648488	7574347	7614247	0.49	cps
Terbium	159-2	1470662	1470086	1485178	1475309	0.58	cps
Thallium	203-1	12373	12098	12090	12187	1.32	cps
Thallium	205-1	30204	28884	29911	29666	2.34	cps
Tin	118-1	50798	49659	50028	50162	1.16	cps
Titanium	47-1	7469	7302	7552	7441	1.71	cps
Uranium	238-1	38561	38711	37917	38396	1.10	cps
Vanadium	51-2	4504	4698	4527	4576	2.31	cps
Yttrium	89-1	6026634	6074016	6009783	6036811	0.55	cps
Yttrium	89-2	182240	182593	184247	183027	0.59	cps
Zinc	66-2	467	450	507	474	6.14	cps
Zirconium	90-1	22428	22686	21935	22350	1.71	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103923BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:31:45	DataFile Name :	023LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5001	4826	4793	4873	2.30	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:34:56	DataFile Name :	024CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	242	167	225	211	18.66	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	50	25	42	39	32.73	cps
Beryllium	9-1	106	111	78	98	18.19	cps
Bismuth	209-1	4900019	4975144	5004233	4959798	1.08	cps
Bismuth	209-2	1238407	1224511	1228612	1230510	0.58	cps
Boron	10-1	1050	967	967	995	4.84	cps
Boron	11-1	4901	4276	4668	4615	6.85	cps
Cadmium	111-1	788	803	713	768	6.31	cps
Cadmium	106-1	1117	1108	1025	1083	4.68	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1000	1125	1058	1061	5.89	cps
Calcium	44-1	11597	12264	11630	11830	3.18	cps
Chromium	52-2	570	637	597	601	5.58	cps
Cobalt	59-2	33	40	50	41	20.41	cps
Copper	63-2	70	133	107	103	30.77	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	75	25	44	60.28	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	7280383	7397382	7335409	7337725	0.80	cps
Holmium	165-2	1510128	1497114	1499130	1502124	0.47	cps
Indium	115-1	5967378	5844228	5837464	5883023	1.24	cps
Indium	115-2	248591	244018	245812	246140	0.94	cps
Iron	56-2	1278	1217	1333	1276	4.57	cps
Iron	57-2	44	39	17	33	44.09	cps
Lead	206-1	611	617	689	639	6.79	cps
Lead	207-1	622	644	583	617	5.02	cps
Lead	208-1	2611	2689	2656	2652	1.47	cps
Lithium	6-1	901107	892011	888813	893977	0.71	cps
Magnesium	24-2	83	158	167	136	33.72	cps
Manganese	55-2	17	13	20	17	20.01	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:34:56	DataFile Name :	024CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	258	200	222	14.20	cps
Molybdenum	95-1	108	67	50	75	40.06	cps
Molybdenum	96-1	75	117	108	100	22.05	cps
Molybdenum	97-1	25	33	67	42	52.92	cps
Molybdenum	98-1	117	42	133	97	50.22	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	107	80	79	35.94	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2450	2184	2409	2348	6.11	cps
Rhodium	103-1	5482702	5423354	5450672	5452243	0.54	cps
Rhodium	103-2	1399581	1385048	1382626	1389085	0.66	cps
Scandium	45-1	3214439	3212541	3193618	3206866	0.36	cps
Scandium	45-2	24248	24602	24742	24530	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-9	-44	-9	-21	-96.34	cps
Silicon	28-1	324915	321575	322043	322844	0.56	cps
Silver	109-1	150	142	150	147	3.27	cps
Silver	107-1	167	150	150	156	6.19	cps
Sodium	23-2	5851	5801	5918	5857	1.00	cps
Strontium	86-1	433	367	567	456	22.35	cps
Strontium	88-1	192	142	133	156	20.28	cps
Sulfur	34-1	313522	308859	309301	310561	0.83	cps
Terbium	159-1	7624084	7725949	7627816	7659283	0.75	cps
Terbium	159-2	1479957	1459635	1459257	1466283	0.81	cps
Thallium	203-1	400	333	358	364	9.25	cps
Thallium	205-1	892	783	817	831	6.68	cps
Tin	118-1	475	433	458	456	4.60	cps
Titanium	47-1	158	100	125	128	22.90	cps
Uranium	238-1	33	42	33	36	13.33	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	6008780	6090542	6046198	6048507	0.68	cps
Yttrium	89-2	181842	180711	180984	181179	0.33	cps
Zinc	66-2	40	57	40	46	21.13	cps
Zirconium	90-1	425	417	392	411	4.22	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:34:56	DataFile Name :	024CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	158	94	60.06	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	167	183	158	18.97	cps
Antimony	121-1	29717	29250	29450	29472	0.80	cps
Arsenic	75-2	131	174	154	153	13.92	cps
Barium	135-1	32290	30703	30653	31216	2.98	cps
Barium	137-1	53384	54404	54698	54162	1.27	cps
Beryllium	9-1	1967	1756	1511	1745	13.07	cps
Bismuth	209-1	4957543	4923937	4927330	4936270	0.37	cps
Bismuth	209-2	1230663	1226140	1233257	1230020	0.29	cps
Boron	10-1	5059	5001	5009	5023	0.63	cps
Boron	11-1	24597	24881	25365	24948	1.56	cps
Cadmium	111-1	4208	3691	3669	3856	7.91	cps
Cadmium	106-1	1567	1250	1358	1392	11.57	cps
Cadmium	108-1	175	233	225	211	14.94	cps
Calcium	43-1	15593	15092	15451	15379	1.68	cps
Calcium	44-1	249293	248359	248098	248583	0.25	cps
Chromium	52-2	3294	3067	3290	3217	4.04	cps
Cobalt	59-2	2920	2627	2744	2764	5.35	cps
Copper	63-2	4911	4818	4968	4899	1.55	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	83	42	58	37.80	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	75	108	33	72	52.04	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	7338030	7395763	7241585	7325126	1.06	cps
Holmium	165-2	1513601	1505729	1521283	1513538	0.51	cps
Indium	115-1	5856071	5808982	5870383	5845145	0.55	cps
Indium	115-2	249623	248077	247935	248545	0.38	cps
Iron	56-2	182327	180203	181426	181319	0.59	cps
Iron	57-2	4618	4690	4212	4506	5.72	cps
Lead	206-1	10582	10538	10410	10510	0.85	cps
Lead	207-1	9298	9748	9320	9456	2.68	cps
Lead	208-1	42596	42328	42312	42412	0.38	cps
Lithium	6-1	891730	904959	894539	897076	0.78	cps
Magnesium	24-2	21092	21876	20440	21136	3.40	cps
Manganese	55-2	400	453	403	419	7.13	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25517	25917	25399	25611	1.06	cps
Molybdenum	95-1	30335	31020	29650	30335	2.26	cps
Molybdenum	96-1	33877	34320	32707	33634	2.48	cps
Molybdenum	97-1	18697	18839	18563	18700	0.74	cps
Molybdenum	98-1	47334	47777	48112	47741	0.82	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1013	907	920	947	6.14	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	13949	14008	13574	13844	1.70	cps
Rhodium	103-1	5498481	5554190	5431132	5494601	1.12	cps
Rhodium	103-2	1393651	1390658	1394841	1393050	0.15	cps
Scandium	45-1	3181034	3216420	3214069	3203841	0.62	cps
Scandium	45-2	24976	24688	24882	24849	0.59	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	19	17	20	19	9.99	cps
Selenium	82-1	897	935	990	941	4.97	cps
Silicon	28-1	409851	411464	409497	410271	0.26	cps
Silver	109-1	15351	14558	14175	14695	4.08	cps
Silver	107-1	16094	15652	15585	15777	1.75	cps
Sodium	23-2	54648	54564	53108	54107	1.60	cps
Strontium	86-1	4526	4409	4534	4490	1.56	cps
Strontium	88-1	34136	34269	34912	34439	1.21	cps
Sulfur	34-1	309461	305776	302874	306037	1.08	cps
Terbium	159-1	7671643	7662011	7633304	7655653	0.26	cps
Terbium	159-2	1483911	1479577	1473273	1478920	0.36	cps
Thallium	203-1	11823	12157	12123	12034	1.53	cps
Thallium	205-1	29744	29861	29352	29653	0.90	cps
Tin	118-1	50856	49702	50797	50452	1.29	cps
Titanium	47-1	7602	7602	7669	7625	0.50	cps
Uranium	238-1	38477	38319	37808	38201	0.91	cps
Vanadium	51-2	4517	4431	4447	4465	1.03	cps
Yttrium	89-1	6014387	6040142	6084763	6046431	0.59	cps
Yttrium	89-2	182213	181885	182145	182081	0.10	cps
Zinc	66-2	463	577	477	506	12.25	cps
Zirconium	90-1	21818	22269	22620	22236	1.81	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	PB103921BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:38:07	DataFile Name :	025LCSE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5159	4643	4951	4918	5.29	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:41:19 DataFile Name : 026SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124711	122332	123660	123568	0.96	cps
Antimony	121-1	3384	3476	3559	3473	2.52	cps
Arsenic	75-2	304	369	296	323	12.31	cps
Barium	135-1	82750	81417	81869	82012	0.83	cps
Barium	137-1	142386	142781	141212	142126	0.57	cps
Beryllium	9-1	533	661	606	600	10.68	cps
Bismuth	209-1	4833069	4922664	4833035	4862922	1.06	cps
Bismuth	209-2	1237988	1230415	1229705	1232703	0.37	cps
Boron	10-1	1092	1017	1033	1047	3.76	cps
Boron	11-1	4801	4701	4684	4729	1.34	cps
Cadmium	111-1	2182	2193	2323	2233	3.51	cps
Cadmium	106-1	1300	1208	1350	1286	5.59	cps
Cadmium	108-1	88	129	121	113	19.60	cps
Calcium	43-1	54021	54315	54164	54167	0.27	cps
Calcium	44-1	884962	887584	887475	886674	0.17	cps
Chromium	52-2	22341	22502	22158	22334	0.77	cps
Cobalt	59-2	18172	18503	18135	18270	1.11	cps
Copper	63-2	76053	76660	76968	76561	0.61	cps
Dysprosium	156-1	17237	17671	16937	17281	2.14	cps
Dysprosium	156-2	3971	3987	4077	4012	1.43	cps
Erbium	164-1	17871	17905	17504	17760	1.25	cps
Erbium	164-2	3404	3461	3701	3522	4.47	cps
Gadolinium	160-1	18097	18322	17563	17994	2.17	cps
Gadolinium	160-2	5041	4854	5104	5000	2.60	cps
Holmium	165-1	7365969	7323442	7319191	7336201	0.35	cps
Holmium	165-2	1544081	1533379	1528965	1535475	0.51	cps
Indium	115-1	5842219	5868544	5813498	5841420	0.47	cps
Indium	115-2	251965	252517	251644	252042	0.18	cps
Iron	56-2	13697888	13713605	13854736	13755410	0.63	cps
Iron	57-2	344754	343248	345558	344520	0.34	cps
Lead	206-1	2087268	2098232	2070455	2085318	0.67	cps
Lead	207-1	1749162	1773049	1747784	1756665	0.81	cps
Lead	208-1	8144493	8240073	8189543	8191370	0.58	cps
Lithium	6-1	931097	937399	917809	928768	1.08	cps
Magnesium	24-2	133076	131538	130099	131571	1.13	cps
Manganese	55-2	84389	83635	83665	83897	0.51	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:41:19 DataFile Name : 026SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8553	9029	9106	8896	3.37	cps
Molybdenum	95-1	1650	1642	1517	1603	4.66	cps
Molybdenum	96-1	3309	2834	3100	3081	7.73	cps
Molybdenum	97-1	883	1042	967	964	8.22	cps
Molybdenum	98-1	2325	2442	2425	2398	2.63	cps
Neodymium	150-1	26020	24443	25292	25252	3.12	cps
Neodymium	150-2	3377	3414	3304	3365	1.66	cps
Nickel	60-2	9200	9050	9293	9181	1.34	cps
Phosphorus	31-2	142	308	367	272	42.90	cps
Potassium	39-2	6543	7311	7294	7049	6.22	cps
Rhodium	103-1	5414616	5517552	5437642	5456603	0.99	cps
Rhodium	103-2	1409169	1410982	1405973	1408708	0.18	cps
Scandium	45-1	3320227	3314351	3261570	3298716	0.98	cps
Scandium	45-2	26532	26949	26104	26529	1.59	cps
Selenium	77-2	7	10	27	14	74.18	cps
Selenium	78-2	20	11	17	16	29.04	cps
Selenium	82-1	24	-2	-5	6	288.92	cps
Silicon	28-1	3654210	4511064	4317269	4160848	10.80	cps
Silver	109-1	1767	2150	2359	2092	14.35	cps
Silver	107-1	2084	2150	2392	2209	7.35	cps
Sodium	23-2	29782	29899	30049	29910	0.45	cps
Strontium	86-1	22978	23029	23596	23201	1.48	cps
Strontium	88-1	199761	196841	198131	198245	0.74	cps
Sulfur	34-1	283420	281509	279990	281640	0.61	cps
Terbium	159-1	7704887	7662466	7640938	7669430	0.42	cps
Terbium	159-2	1502869	1507627	1482754	1497750	0.88	cps
Thallium	203-1	1025	1083	942	1017	7.00	cps
Thallium	205-1	2350	2159	2600	2370	9.35	cps
Tin	118-1	7461	7311	7286	7352	1.29	cps
Titanium	47-1	321172	319907	323751	321610	0.61	cps
Uranium	238-1	14317	14367	14601	14428	1.05	cps
Vanadium	51-2	22989	22852	22939	22927	0.30	cps
Yttrium	89-1	6382475	6337739	6310390	6343535	0.57	cps
Yttrium	89-2	195062	196136	196606	195935	0.40	cps
Zinc	66-2	22051	21617	21964	21877	1.05	cps
Zirconium	90-1	21543	21260	21737	21513	1.11	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01	Instrumnet Name :	P8
Client Sample ID :	MBDXN0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:41:19	DataFile Name :	026SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5043	5903	4901	5282	10.26	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:44:27 DataFile Name : 027SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115450	114198	115794	115147	0.73	cps
Antimony	121-1	3517	3734	3501	3584	3.63	cps
Arsenic	75-2	298	307	291	299	2.79	cps
Barium	135-1	80335	79405	80177	79972	0.62	cps
Barium	137-1	142246	136643	135582	138157	2.59	cps
Beryllium	9-1	561	517	567	548	5.00	cps
Bismuth	209-1	4801366	4769261	4093275	4554634	8.78	cps
Bismuth	209-2	1211556	1212539	1206339	1210144	0.28	cps
Boron	10-1	967	792	1033	931	13.41	cps
Boron	11-1	4693	4226	4509	4476	5.25	cps
Cadmium	111-1	2083	2199	2074	2119	3.29	cps
Cadmium	106-1	1108	1333	1075	1172	11.99	cps
Cadmium	108-1	121	121	154	132	14.58	cps
Calcium	43-1	52767	54205	54305	53759	1.60	cps
Calcium	44-1	871543	867905	861146	866865	0.61	cps
Chromium	52-2	22271	22385	21804	22153	1.39	cps
Cobalt	59-2	18356	18152	17648	18052	2.02	cps
Copper	63-2	72420	73352	72860	72877	0.64	cps
Dysprosium	156-1	18124	17588	17479	17730	1.95	cps
Dysprosium	156-2	4027	3887	3994	3970	1.84	cps
Erbium	164-1	17729	17646	16494	17290	3.99	cps
Erbium	164-2	3454	3397	3384	3412	1.09	cps
Gadolinium	160-1	17596	17571	17930	17699	1.13	cps
Gadolinium	160-2	4811	4748	4891	4817	1.49	cps
Holmium	165-1	7176798	7199367	6227363	6867843	8.08	cps
Holmium	165-2	1513957	1514389	1508386	1512244	0.22	cps
Indium	115-1	5872550	5836126	4964932	5557869	9.24	cps
Indium	115-2	249639	248356	249556	249183	0.29	cps
Iron	56-2	13504748	13345661	13421942	13424117	0.59	cps
Iron	57-2	339577	333710	337865	337051	0.90	cps
Lead	206-1	1863175	1866202	1833396	1854258	0.98	cps
Lead	207-1	1537065	1528254	1514838	1526719	0.73	cps
Lead	208-1	7347967	7284264	7236160	7289464	0.77	cps
Lithium	6-1	897976	905765	790173	864638	7.47	cps
Magnesium	24-2	125651	127846	125558	126351	1.02	cps
Manganese	55-2	79055	78968	78713	78912	0.23	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:44:27 DataFile Name : 027SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8278	9055	8461	8598	4.72	cps
Molybdenum	95-1	1834	2009	1692	1845	8.60	cps
Molybdenum	96-1	3384	3467	3417	3423	1.23	cps
Molybdenum	97-1	1217	950	1250	1139	14.44	cps
Molybdenum	98-1	2459	2684	2817	2653	6.83	cps
Neodymium	150-1	24984	24290	24924	24733	1.56	cps
Neodymium	150-2	3551	3230	3471	3417	4.87	cps
Nickel	60-2	9210	8973	8853	9012	2.01	cps
Phosphorus	31-2	250	300	325	292	13.09	cps
Potassium	39-2	6985	7144	6977	7035	1.33	cps
Rhodium	103-1	5468322	5441587	4700659	5203522	8.37	cps
Rhodium	103-2	1390893	1392785	1386204	1389961	0.24	cps
Scandium	45-1	3303202	3281576	2787279	3124019	9.34	cps
Scandium	45-2	26605	27227	26418	26750	1.58	cps
Selenium	77-2	20	13	23	19	26.96	cps
Selenium	78-2	15	2	13	10	71.00	cps
Selenium	82-1	-21	32	65	25	169.61	cps
Silicon	28-1	3730008	3648066	3935171	3771082	3.92	cps
Silver	109-1	2534	2667	2509	2570	3.31	cps
Silver	107-1	2325	2600	2375	2434	6.02	cps
Sodium	23-2	29006	29607	29289	29301	1.03	cps
Strontium	86-1	22327	22620	22828	22592	1.11	cps
Strontium	88-1	193597	194290	193597	193828	0.21	cps
Sulfur	34-1	267384	264083	260008	263825	1.40	cps
Terbium	159-1	7486788	7543874	6529541	7186734	7.93	cps
Terbium	159-2	1476996	1473101	1461914	1470670	0.53	cps
Thallium	203-1	825	858	908	864	4.86	cps
Thallium	205-1	1767	1742	1834	1781	2.66	cps
Tin	118-1	6710	7703	7819	7411	8.22	cps
Titanium	47-1	321402	311557	308143	313701	2.19	cps
Uranium	238-1	14359	15068	13983	14470	3.81	cps
Vanadium	51-2	22194	22431	22385	22337	0.56	cps
Yttrium	89-1	6360389	6337137	5504938	6067488	8.03	cps
Yttrium	89-2	193168	192419	193918	193169	0.39	cps
Zinc	66-2	22044	21330	21811	21728	1.68	cps
Zirconium	90-1	20885	21527	26496	22969	13.37	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-02	Instrumnet Name :	P8
Client Sample ID :	MBDXN0D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:44:27	DataFile Name :	027SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4759	4493	4726	4659	3.12	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LX5 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 17:47:37 DataFile Name : 028SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23930	23245	22260	23145	3.63	cps
Antimony	121-1	850	808	675	778	11.75	cps
Arsenic	75-2	61	56	63	60	6.43	cps
Barium	135-1	15093	15794	15935	15607	2.89	cps
Barium	137-1	27154	26085	25968	26402	2.47	cps
Beryllium	9-1	150	161	122	144	13.87	cps
Bismuth	209-1	4757336	4681145	4705843	4714775	0.82	cps
Bismuth	209-2	1211509	1196205	1200324	1202679	0.66	cps
Boron	10-1	683	850	825	786	11.43	cps
Boron	11-1	3409	3242	3492	3381	3.77	cps
Cadmium	111-1	1176	937	950	1021	13.16	cps
Cadmium	106-1	1275	1058	1083	1139	10.41	cps
Cadmium	108-1	29	29	29	29	0.00	cps
Calcium	43-1	11372	11514	10830	11238	3.21	cps
Calcium	44-1	179937	178117	178161	178738	0.58	cps
Chromium	52-2	4824	4674	4721	4740	1.62	cps
Cobalt	59-2	3497	3544	3541	3527	0.74	cps
Copper	63-2	14825	14781	14441	14682	1.43	cps
Dysprosium	156-1	3184	3326	3317	3276	2.43	cps
Dysprosium	156-2	713	720	683	706	2.77	cps
Erbium	164-1	3251	2909	3401	3187	7.91	cps
Erbium	164-2	597	713	630	647	9.29	cps
Gadolinium	160-1	3442	3059	3342	3281	6.06	cps
Gadolinium	160-2	900	933	883	906	2.81	cps
Holmium	165-1	7106172	7127985	7054268	7096142	0.53	cps
Holmium	165-2	1496826	1491756	1488186	1492256	0.29	cps
Indium	115-1	5779635	5737200	5715701	5744179	0.57	cps
Indium	115-2	248847	245677	245516	246680	0.76	cps
Iron	56-2	2647318	2614518	2633763	2631866	0.63	cps
Iron	57-2	65230	64254	64549	64678	0.77	cps
Lead	206-1	379017	380139	377883	379013	0.30	cps
Lead	207-1	320289	314777	319700	318255	0.95	cps
Lead	208-1	1489724	1478374	1486833	1484977	0.40	cps
Lithium	6-1	871479	864274	864696	866816	0.47	cps
Magnesium	24-2	24088	23904	25040	24344	2.50	cps
Manganese	55-2	16150	15319	15792	15754	2.65	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LX5 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 17:47:37 DataFile Name : 028SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1817	1742	1742	1767	2.45	cps
Molybdenum	95-1	350	333	392	358	8.39	cps
Molybdenum	96-1	583	783	658	675	14.97	cps
Molybdenum	97-1	250	167	200	206	20.41	cps
Molybdenum	98-1	542	433	567	514	13.79	cps
Neodymium	150-1	4881	4728	4981	4863	2.62	cps
Neodymium	150-2	647	637	647	643	0.90	cps
Nickel	60-2	1707	1840	1757	1768	3.81	cps
Phosphorus	31-2	42	42	50	44	10.82	cps
Potassium	39-2	3042	3209	3142	3131	2.68	cps
Rhodium	103-1	5416088	5405878	5346796	5389587	0.69	cps
Rhodium	103-2	1395170	1381732	1373789	1383564	0.78	cps
Scandium	45-1	3190286	3156822	3180278	3175795	0.54	cps
Scandium	45-2	25994	25286	25784	25688	1.42	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-49	21	-23	-17	-211.56	cps
Silicon	28-1	995114	1015157	984088	998120	1.58	cps
Silver	109-1	808	700	667	725	10.22	cps
Silver	107-1	692	892	725	770	13.93	cps
Sodium	23-2	10996	10938	10813	10916	0.86	cps
Strontium	86-1	4834	4809	5001	4882	2.13	cps
Strontium	88-1	37996	36976	37578	37517	1.37	cps
Sulfur	34-1	252160	250354	249913	250809	0.47	cps
Terbium	159-1	7433233	7457658	7387863	7426251	0.48	cps
Terbium	159-2	1470266	1449716	1452302	1457428	0.77	cps
Thallium	203-1	242	242	208	231	8.35	cps
Thallium	205-1	683	567	700	650	11.18	cps
Tin	118-1	1859	1642	1700	1734	6.47	cps
Titanium	47-1	62139	61310	60582	61344	1.27	cps
Uranium	238-1	2851	2725	2384	2653	9.11	cps
Vanadium	51-2	4307	4114	4197	4206	2.31	cps
Yttrium	89-1	6044211	6078773	5965534	6029506	0.96	cps
Yttrium	89-2	187474	183389	183829	184897	1.21	cps
Zinc	66-2	4411	4324	4194	4310	2.53	cps
Zirconium	90-1	4493	4509	4451	4484	0.67	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01LX5	Instrumnet Name :	P8
Client Sample ID :	MBDXN0L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-02 17:47:37	DataFile Name :	028SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1225	1017	983	1075	12.19	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:50:48 DataFile Name : 029SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105364	106188	106061	105871	0.42	cps
Antimony	121-1	156851	159864	158598	158438	0.95	cps
Arsenic	75-2	939	983	870	931	6.11	cps
Barium	135-1	737442	731751	734603	734598	0.39	cps
Barium	137-1	1281687	1284177	1292146	1286003	0.42	cps
Beryllium	9-1	9648	9364	9781	9598	2.22	cps
Bismuth	209-1	4664416	4704662	4652411	4673830	0.59	cps
Bismuth	209-2	1195861	1198121	1194773	1196252	0.14	cps
Boron	10-1	917	600	742	753	21.07	cps
Boron	11-1	3792	3576	3859	3742	3.96	cps
Cadmium	111-1	18221	17951	18220	18131	0.86	cps
Cadmium	106-1	2575	2609	2575	2586	0.74	cps
Cadmium	108-1	1246	1213	1146	1201	4.24	cps
Calcium	43-1	51094	50918	51755	51256	0.86	cps
Calcium	44-1	828692	826010	817241	823981	0.73	cps
Chromium	52-2	49139	48574	48501	48738	0.72	cps
Cobalt	59-2	165674	165449	164925	165349	0.23	cps
Copper	63-2	134557	134829	132774	134053	0.83	cps
Dysprosium	156-1	17195	16928	17137	17087	0.82	cps
Dysprosium	156-2	3854	3834	3817	3835	0.48	cps
Erbium	164-1	17271	16786	17412	17156	1.91	cps
Erbium	164-2	3220	3344	3287	3284	1.88	cps
Gadolinium	160-1	16878	16828	16695	16800	0.56	cps
Gadolinium	160-2	4654	4868	4754	4759	2.24	cps
Holmium	165-1	7094333	7126695	7069708	7096912	0.40	cps
Holmium	165-2	1488578	1483191	1477977	1483249	0.36	cps
Indium	115-1	5666833	5780169	5704229	5717077	1.01	cps
Indium	115-2	244193	246148	242616	244319	0.72	cps
Iron	56-2	12890926	12779816	12780271	12817004	0.50	cps
Iron	57-2	320976	324780	320924	322227	0.69	cps
Lead	206-1	1745590	1751157	1740924	1745890	0.29	cps
Lead	207-1	1441888	1440881	1416296	1433022	1.01	cps
Lead	208-1	6828360	6920521	6809571	6852817	0.87	cps
Lithium	6-1	882573	887693	891803	887356	0.52	cps
Magnesium	24-2	119339	119801	120793	119978	0.62	cps
Manganese	55-2	93645	93547	92678	93290	0.57	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:50:48 DataFile Name : 029SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8086	7944	7644	7892	2.86	cps
Molybdenum	95-1	1850	1842	1750	1814	3.06	cps
Molybdenum	96-1	2992	3167	3159	3106	3.18	cps
Molybdenum	97-1	975	1175	1267	1139	13.10	cps
Molybdenum	98-1	2792	2859	3125	2925	6.03	cps
Neodymium	150-1	24163	23856	24811	24276	2.01	cps
Neodymium	150-2	3591	3114	3014	3239	9.52	cps
Nickel	60-2	53382	52495	51806	52561	1.50	cps
Phosphorus	31-2	267	308	192	256	23.13	cps
Potassium	39-2	6035	6185	6385	6202	2.83	cps
Rhodium	103-1	5340787	5370261	5259865	5323638	1.07	cps
Rhodium	103-2	1377521	1379018	1371845	1376128	0.27	cps
Scandium	45-1	3152314	3189832	3155529	3165892	0.66	cps
Scandium	45-2	25978	25924	25610	25837	0.77	cps
Selenium	77-2	23	43	37	34	29.57	cps
Selenium	78-2	50	52	67	56	16.27	cps
Selenium	82-1	2163	2066	2041	2090	3.08	cps
Silicon	28-1	3593181	4240335	3444784	3759434	11.25	cps
Silver	109-1	79392	78328	80230	79317	1.20	cps
Silver	107-1	82780	83827	84313	83640	0.94	cps
Sodium	23-2	26501	27569	28079	27383	2.94	cps
Strontium	86-1	21342	21718	21359	21473	0.99	cps
Strontium	88-1	186492	182468	183461	184140	1.14	cps
Sulfur	34-1	246122	245707	239819	243883	1.45	cps
Terbium	159-1	7386182	7462353	7410532	7419689	0.52	cps
Terbium	159-2	1457146	1463882	1447630	1456219	0.56	cps
Thallium	203-1	62563	60998	60972	61511	1.48	cps
Thallium	205-1	146323	144920	146218	145820	0.54	cps
Tin	118-1	7369	6727	7085	7060	4.56	cps
Titanium	47-1	290527	291700	292706	291645	0.37	cps
Uranium	238-1	14184	13032	13908	13708	4.39	cps
Vanadium	51-2	72630	71746	71207	71861	1.00	cps
Yttrium	89-1	6159227	6219380	6167919	6182175	0.53	cps
Yttrium	89-2	192063	191701	190589	191451	0.40	cps
Zinc	66-2	31970	32305	31807	32027	0.79	cps
Zirconium	90-1	20060	19524	20204	19929	1.80	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-03	Instrumnet Name :	P8
Client Sample ID :	MBDXN0S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:50:48	DataFile Name :	029SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4334	4876	3959	4390	10.51	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:53:58 DataFile Name : 030SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37451	36548	37091	37030	1.23	cps
Antimony	121-1	6452	6343	6527	6441	1.43	cps
Arsenic	75-2	307	276	296	293	5.44	cps
Barium	135-1	75457	71996	72902	73452	2.44	cps
Barium	137-1	126913	127249	128061	127408	0.46	cps
Beryllium	9-1	417	411	422	417	1.33	cps
Bismuth	209-1	4803395	4815916	4762198	4793836	0.59	cps
Bismuth	209-2	1209874	1209109	1208757	1209246	0.05	cps
Boron	10-1	700	858	967	842	15.93	cps
Boron	11-1	3976	3709	3959	3881	3.85	cps
Cadmium	111-1	4800	4917	4846	4854	1.22	cps
Cadmium	106-1	1333	1425	1500	1420	5.88	cps
Cadmium	108-1	288	313	304	301	4.22	cps
Calcium	43-1	54474	54565	54532	54523	0.08	cps
Calcium	44-1	894381	890884	889506	891591	0.28	cps
Chromium	52-2	28419	28322	28162	28301	0.46	cps
Cobalt	59-2	15706	15472	15859	15679	1.24	cps
Copper	63-2	75644	74080	73989	74571	1.25	cps
Dysprosium	156-1	13791	13441	13983	13738	2.00	cps
Dysprosium	156-2	3337	3054	3207	3199	4.43	cps
Erbium	164-1	14400	15235	14776	14803	2.82	cps
Erbium	164-2	2900	2674	2730	2768	4.26	cps
Gadolinium	160-1	13324	13725	13708	13585	1.67	cps
Gadolinium	160-2	3747	3667	3717	3711	1.09	cps
Holmium	165-1	7222948	7171417	7169329	7187898	0.42	cps
Holmium	165-2	1491147	1490587	1486246	1489327	0.18	cps
Indium	115-1	5789481	5838563	5812855	5813633	0.42	cps
Indium	115-2	246438	246111	242185	244912	0.97	cps
Iron	56-2	10086418	10044455	10133048	10087974	0.44	cps
Iron	57-2	253838	251553	251496	252296	0.53	cps
Lead	206-1	1165030	1158286	1151102	1158139	0.60	cps
Lead	207-1	964130	953601	957541	958424	0.56	cps
Lead	208-1	4591980	4564403	4585145	4580509	0.31	cps
Lithium	6-1	974008	976208	987157	979125	0.72	cps
Magnesium	24-2	105607	104046	103936	104530	0.89	cps
Manganese	55-2	27838	27597	26763	27399	2.06	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:53:58 DataFile Name : 030SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13351	13157	13484	13331	1.23	cps
Molybdenum	95-1	2292	2242	2384	2306	3.12	cps
Molybdenum	96-1	4184	4743	4876	4601	7.98	cps
Molybdenum	97-1	1442	1317	1250	1336	7.28	cps
Molybdenum	98-1	3951	3201	3667	3606	10.51	cps
Neodymium	150-1	21865	21558	21779	21734	0.73	cps
Neodymium	150-2	2797	2850	2790	2813	1.17	cps
Nickel	60-2	8589	8453	8426	8489	1.03	cps
Phosphorus	31-2	142	125	183	150	20.03	cps
Potassium	39-2	8933	6935	6960	7609	15.06	cps
Rhodium	103-1	5458368	5366122	5468915	5431135	1.04	cps
Rhodium	103-2	1390484	1388304	1387004	1388597	0.13	cps
Scandium	45-1	3267925	3245291	3244024	3252413	0.41	cps
Scandium	45-2	26442	26372	25834	26216	1.27	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	20	19	17	19	9.99	cps
Selenium	82-1	28	65	38	44	43.76	cps
Silicon	28-1	1776846	2639446	1818451	2078248	23.41	cps
Silver	109-1	3734	3551	3626	3637	2.54	cps
Silver	107-1	3209	3551	3742	3501	7.72	cps
Sodium	23-2	25181	24789	24054	24675	2.32	cps
Strontium	86-1	20216	19565	19089	19623	2.88	cps
Strontium	88-1	169468	167485	164144	167032	1.61	cps
Sulfur	34-1	264285	261994	263021	263100	0.44	cps
Terbium	159-1	7645876	7592226	7472313	7570138	1.17	cps
Terbium	159-2	1453332	1452567	1456473	1454124	0.14	cps
Thallium	203-1	650	700	608	653	7.03	cps
Thallium	205-1	1617	1559	1550	1575	2.31	cps
Tin	118-1	17813	17721	17162	17565	2.01	cps
Titanium	47-1	524642	526812	517632	523029	0.92	cps
Uranium	238-1	14568	14826	13825	14406	3.61	cps
Vanadium	51-2	26562	25991	25677	26077	1.72	cps
Yttrium	89-1	6261518	6202329	6194066	6219304	0.59	cps
Yttrium	89-2	189744	189032	189911	189562	0.25	cps
Zinc	66-2	19774	18763	18556	19031	3.43	cps
Zirconium	90-1	32206	32031	33622	32620	2.67	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-13	Instrumnet Name :	P8
Client Sample ID :	MBDXM4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:53:58	DataFile Name :	030SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7044	8013	6944	7333	8.05	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:57:07 DataFile Name : 031SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54656	55296	53527	54493	1.64	cps
Antimony	121-1	8170	7944	7736	7950	2.73	cps
Arsenic	75-2	376	424	396	399	6.06	cps
Barium	135-1	167253	168249	166048	167183	0.66	cps
Barium	137-1	293066	295792	287738	292199	1.40	cps
Beryllium	9-1	750	972	789	837	14.18	cps
Bismuth	209-1	4905408	4923203	4932846	4920485	0.28	cps
Bismuth	209-2	1244558	1238321	1238541	1240473	0.29	cps
Boron	10-1	1283	1358	1250	1297	4.28	cps
Boron	11-1	5451	5743	5235	5476	4.66	cps
Cadmium	111-1	2264	2208	2479	2317	6.19	cps
Cadmium	106-1	1342	1233	1483	1353	9.27	cps
Cadmium	108-1	138	133	192	154	21.11	cps
Calcium	43-1	104957	104353	101263	103524	1.91	cps
Calcium	44-1	1747532	1709863	1732429	1729941	1.10	cps
Chromium	52-2	22335	22478	22812	22542	1.09	cps
Cobalt	59-2	10794	10801	11115	10903	1.68	cps
Copper	63-2	42532	42150	42244	42309	0.47	cps
Dysprosium	156-1	30261	29794	31138	30398	2.25	cps
Dysprosium	156-2	6939	6799	6859	6865	1.02	cps
Erbium	164-1	31414	31180	31406	31333	0.42	cps
Erbium	164-2	6082	6255	6358	6232	2.24	cps
Gadolinium	160-1	30445	31188	32023	31219	2.53	cps
Gadolinium	160-2	8700	8580	8693	8657	0.78	cps
Holmium	165-1	7449819	7448829	7470172	7456273	0.16	cps
Holmium	165-2	1529106	1529145	1536956	1531736	0.30	cps
Indium	115-1	5991291	5904608	5967158	5954352	0.75	cps
Indium	115-2	251520	249497	250223	250413	0.41	cps
Iron	56-2	13455416	13522315	13427500	13468410	0.36	cps
Iron	57-2	338494	337756	337360	337870	0.17	cps
Lead	206-1	1129080	1126770	1125898	1127249	0.15	cps
Lead	207-1	928028	927123	924637	926596	0.19	cps
Lead	208-1	4438701	4457177	4438129	4444669	0.24	cps
Lithium	6-1	945979	958399	970540	958306	1.28	cps
Magnesium	24-2	64455	64413	63819	64229	0.55	cps
Manganese	55-2	35525	35843	35689	35686	0.45	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 17:57:07 DataFile Name : 031SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6585	6018	53660	22088	123.80	cps
Molybdenum	95-1	4793	4593	4659	4682	2.18	cps
Molybdenum	96-1	5618	5235	5460	5437	3.54	cps
Molybdenum	97-1	2617	2784	2909	2770	5.28	cps
Molybdenum	98-1	7127	6844	7669	7213	5.81	cps
Neodymium	150-1	46429	47165	45955	46516	1.31	cps
Neodymium	150-2	5988	6155	6125	6089	1.46	cps
Nickel	60-2	6812	6725	6898	6812	1.27	cps
Phosphorus	31-2	242	325	308	292	15.12	cps
Potassium	39-2	9605	8803	8895	9101	4.82	cps
Rhodium	103-1	5588417	5522089	5567047	5559184	0.61	cps
Rhodium	103-2	1423432	1422293	1413474	1419733	0.38	cps
Scandium	45-1	3323586	3271946	3305125	3300219	0.79	cps
Scandium	45-2	26108	26305	26131	26181	0.41	cps
Selenium	77-2	27	43	30	33	26.45	cps
Selenium	78-2	20	31	28	27	21.31	cps
Selenium	82-1	142	212	146	167	23.74	cps
Silicon	28-1	5358151	6563047	5658725	5859974	10.70	cps
Silver	109-1	4218	4759	4209	4395	7.17	cps
Silver	107-1	4926	4718	4793	4812	2.19	cps
Sodium	23-2	34092	33340	33282	33571	1.35	cps
Strontium	86-1	59573	58727	57640	58646	1.65	cps
Strontium	88-1	506595	505135	510487	507406	0.55	cps
Sulfur	34-1	276929	274457	274812	275399	0.49	cps
Terbium	159-1	7816405	7787624	7764531	7789520	0.33	cps
Terbium	159-2	1498825	1496158	1492297	1495760	0.22	cps
Thallium	203-1	717	658	750	708	6.55	cps
Thallium	205-1	1634	1600	1609	1614	1.07	cps
Tin	118-1	23254	24064	24724	24014	3.07	cps
Titanium	47-1	184452	183669	181927	183349	0.71	cps
Uranium	238-1	26003	25277	25945	25742	1.57	cps
Vanadium	51-2	41391	41421	41177	41330	0.32	cps
Yttrium	89-1	6682499	6621915	6553661	6619358	0.97	cps
Yttrium	89-2	200396	201067	199879	200448	0.30	cps
Zinc	66-2	15058	14625	14681	14788	1.59	cps
Zirconium	90-1	10992	10255	13901	11716	16.45	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-14	Instrumnet Name :	P8
Client Sample ID :	MBDXR3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 17:57:07	DataFile Name :	031SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2425	3406	3230	3020	17.31	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:00:16 DataFile Name : 032SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61518	59174	59660	60117	2.06	cps
Antimony	121-1	5451	5576	5201	5410	3.53	cps
Arsenic	75-2	1172	1363	1372	1303	8.67	cps
Barium	135-1	299427	298848	295645	297973	0.68	cps
Barium	137-1	521548	525211	520222	522327	0.49	cps
Beryllium	9-1	1533	1317	1672	1508	11.89	cps
Bismuth	209-1	4943165	4938189	4931172	4937508	0.12	cps
Bismuth	209-2	1227283	1232462	1230721	1230156	0.21	cps
Boron	10-1	900	1042	1008	983	7.53	cps
Boron	11-1	4493	4409	4684	4529	3.12	cps
Cadmium	111-1	5936	5930	5654	5840	2.76	cps
Cadmium	106-1	1509	1667	1675	1617	5.81	cps
Cadmium	108-1	388	417	367	390	6.43	cps
Calcium	43-1	75981	77422	75722	76375	1.20	cps
Calcium	44-1	1266394	1267105	1266485	1266661	0.03	cps
Chromium	52-2	22221	22295	21737	22084	1.37	cps
Cobalt	59-2	17648	17718	17945	17770	0.87	cps
Copper	63-2	45477	45812	45645	45645	0.37	cps
Dysprosium	156-1	44937	44677	44168	44594	0.88	cps
Dysprosium	156-2	10167	9767	9804	9913	2.23	cps
Erbium	164-1	44527	44837	44920	44762	0.46	cps
Erbium	164-2	8796	9140	8753	8897	2.38	cps
Gadolinium	160-1	44025	43616	44259	43967	0.74	cps
Gadolinium	160-2	11942	11946	12012	11967	0.33	cps
Holmium	165-1	7484514	7418236	7446612	7449787	0.45	cps
Holmium	165-2	1560316	1513114	1522509	1531980	1.63	cps
Indium	115-1	5917026	5931829	5891645	5913500	0.34	cps
Indium	115-2	248561	246183	248099	247614	0.51	cps
Iron	56-2	27019143	26544992	26745483	26769873	0.89	cps
Iron	57-2	672285	662789	674410	669828	0.92	cps
Lead	206-1	3552274	3524110	3512316	3529567	0.58	cps
Lead	207-1	3005718	2989711	3045591	3013673	0.95	cps
Lead	208-1	13892260	13820793	13938064	13883706	0.43	cps
Lithium	6-1	931015	968528	954723	951422	1.99	cps
Magnesium	24-2	65694	65351	63292	64779	2.01	cps
Manganese	55-2	118101	118057	117926	118028	0.08	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:00:16 DataFile Name : 032SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7603	7711	8070	7794	3.14	cps
Molybdenum	95-1	6035	6027	6293	6118	2.48	cps
Molybdenum	96-1	7486	7677	7377	7514	2.02	cps
Molybdenum	97-1	3909	3984	3759	3884	2.95	cps
Molybdenum	98-1	9178	9345	9279	9267	0.91	cps
Neodymium	150-1	64016	62830	62067	62971	1.56	cps
Neodymium	150-2	8363	8593	8166	8374	2.55	cps
Nickel	60-2	7616	7812	7766	7731	1.33	cps
Phosphorus	31-2	317	242	467	342	33.53	cps
Potassium	39-2	6335	6218	6735	6430	4.22	cps
Rhodium	103-1	5577104	5513515	5583930	5558183	0.70	cps
Rhodium	103-2	1414569	1397411	1402301	1404761	0.63	cps
Scandium	45-1	3312244	3282298	3289022	3294521	0.48	cps
Scandium	45-2	26151	26241	25717	26037	1.08	cps
Selenium	77-2	50	20	63	44	49.94	cps
Selenium	78-2	24	24	28	25	8.46	cps
Selenium	82-1	114	92	83	96	16.54	cps
Silicon	28-1	5227748	5407590	5268060	5301133	1.78	cps
Silver	109-1	2975	3025	3259	3087	4.90	cps
Silver	107-1	3384	3184	3184	3251	3.55	cps
Sodium	23-2	13974	14259	14591	14275	2.16	cps
Strontium	86-1	39926	39776	40386	40029	0.79	cps
Strontium	88-1	342859	345007	346616	344827	0.55	cps
Sulfur	34-1	264512	265887	262248	264216	0.70	cps
Terbium	159-1	7731669	7867538	7800523	7799910	0.87	cps
Terbium	159-2	1479788	1510408	1486982	1492393	1.07	cps
Thallium	203-1	625	792	667	694	12.49	cps
Thallium	205-1	1809	1809	1825	1814	0.53	cps
Tin	118-1	16436	16277	16553	16422	0.84	cps
Titanium	47-1	133696	132203	131564	132488	0.83	cps
Uranium	238-1	33137	34741	33596	33825	2.44	cps
Vanadium	51-2	62556	63831	62556	62981	1.17	cps
Yttrium	89-1	6756972	6781991	6863839	6800934	0.82	cps
Yttrium	89-2	206072	204547	206011	205543	0.42	cps
Zinc	66-2	19658	18790	19267	19238	2.26	cps
Zirconium	90-1	11773	11842	12182	11932	1.83	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-15	Instrumnet Name :	P8
Client Sample ID :	MBDXS1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:00:16	DataFile Name :	032SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2809	2884	2725	2806	2.82	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:03:24 DataFile Name : 033SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6235	5676	5810	5907	4.94	cps
Antimony	121-1	458	358	392	403	12.64	cps
Arsenic	75-2	17	13	13	14	15.09	cps
Barium	135-1	4176	3909	3934	4006	3.68	cps
Barium	137-1	7461	6502	6952	6972	6.88	cps
Beryllium	9-1	83	100	100	94	10.18	cps
Bismuth	209-1	4855611	4898987	4828987	4861195	0.73	cps
Bismuth	209-2	1231024	1234965	1108249	1191413	6.05	cps
Boron	10-1	408	442	550	467	15.87	cps
Boron	11-1	1917	2050	1759	1909	7.65	cps
Cadmium	111-1	792	702	844	779	9.23	cps
Cadmium	106-1	1008	892	1025	975	7.45	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	3817	3592	3751	3720	3.11	cps
Calcium	44-1	55435	57209	56640	56428	1.60	cps
Chromium	52-2	1910	1693	1767	1790	6.16	cps
Cobalt	59-2	950	887	813	883	7.74	cps
Copper	63-2	3897	3887	3817	3867	1.13	cps
Dysprosium	156-1	950	867	833	883	6.80	cps
Dysprosium	156-2	207	140	193	180	19.60	cps
Erbium	164-1	850	758	900	836	8.59	cps
Erbium	164-2	187	130	183	167	19.08	cps
Gadolinium	160-1	767	975	875	872	11.95	cps
Gadolinium	160-2	230	237	223	230	2.90	cps
Holmium	165-1	7248639	7270451	7247488	7255526	0.18	cps
Holmium	165-2	1509644	1516344	1404517	1476835	4.25	cps
Indium	115-1	5836197	5814357	5851520	5834025	0.32	cps
Indium	115-2	249660	250482	223199	241113	6.44	cps
Iron	56-2	657560	650176	650022	652586	0.66	cps
Iron	57-2	16699	16799	16421	16640	1.18	cps
Lead	206-1	96536	96369	97001	96636	0.34	cps
Lead	207-1	81455	80493	80733	80894	0.62	cps
Lead	208-1	378216	378835	377168	378073	0.22	cps
Lithium	6-1	876930	876624	869352	874302	0.49	cps
Magnesium	24-2	6560	6202	6593	6452	3.37	cps
Manganese	55-2	3841	3957	3941	3913	1.61	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:03:24 DataFile Name : 033SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	692	442	567	22.06	cps
Molybdenum	95-1	92	92	100	94	5.10	cps
Molybdenum	96-1	225	200	267	231	14.61	cps
Molybdenum	97-1	125	75	75	92	31.50	cps
Molybdenum	98-1	158	125	200	161	23.32	cps
Neodymium	150-1	1247	1173	1307	1242	5.38	cps
Neodymium	150-2	170	140	130	147	14.19	cps
Nickel	60-2	550	523	480	518	6.82	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	2617	2217	2300	2378	8.88	cps
Rhodium	103-1	5469804	5480749	5490745	5480433	0.19	cps
Rhodium	103-2	1410188	1413814	1294202	1372735	4.96	cps
Scandium	45-1	3222901	3211610	3197573	3210694	0.40	cps
Scandium	45-2	25066	25951	23113	24710	5.88	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	11	-33	-19	-14	-160.80	cps
Silicon	28-1	512057	513666	504386	510037	0.97	cps
Silver	109-1	358	442	383	394	10.84	cps
Silver	107-1	350	383	417	383	8.70	cps
Sodium	23-2	6093	6585	5951	6210	5.36	cps
Strontium	86-1	1558	1375	1375	1436	7.37	cps
Strontium	88-1	9871	10346	9729	9982	3.24	cps
Sulfur	34-1	242616	241554	240986	241719	0.34	cps
Terbium	159-1	7593696	7567929	7686996	7616207	0.82	cps
Terbium	159-2	1478396	1478730	1363076	1440067	4.63	cps
Thallium	203-1	125	150	83	119	28.20	cps
Thallium	205-1	250	283	267	267	6.25	cps
Tin	118-1	625	725	758	703	9.87	cps
Titanium	47-1	14950	15593	15342	15295	2.12	cps
Uranium	238-1	675	783	683	714	8.44	cps
Vanadium	51-2	997	980	1090	1022	5.80	cps
Yttrium	89-1	6029662	6089510	6035757	6051643	0.54	cps
Yttrium	89-2	186750	186783	165544	179693	6.82	cps
Zinc	66-2	1123	1103	1150	1126	2.08	cps
Zirconium	90-1	1292	1609	1300	1400	12.90	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:03:24	DataFile Name :	033SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	308	350	322	7.47	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:06:34 DataFile Name : 034SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5618	5276	5585	5493	3.43	cps
Antimony	121-1	292	233	417	314	29.84	cps
Arsenic	75-2	22	30	24	25	15.24	cps
Barium	135-1	3551	3834	3626	3670	4.00	cps
Barium	137-1	6552	6802	7219	6858	4.91	cps
Beryllium	9-1	72	67	117	85	32.17	cps
Bismuth	209-1	4708159	4809059	4846255	4787824	1.49	cps
Bismuth	209-2	1227543	1219448	1222693	1223228	0.33	cps
Boron	10-1	475	383	442	433	10.71	cps
Boron	11-1	2034	1809	1834	1892	6.52	cps
Cadmium	111-1	810	832	810	818	1.53	cps
Cadmium	106-1	1042	1075	1075	1064	1.81	cps
Cadmium	108-1	21	29	13	21	40.01	cps
Calcium	43-1	3559	3684	3751	3665	2.66	cps
Calcium	44-1	52457	52165	51947	52190	0.49	cps
Chromium	52-2	1730	1713	1620	1688	3.51	cps
Cobalt	59-2	860	810	910	860	5.81	cps
Copper	63-2	3767	3727	3687	3727	1.07	cps
Dysprosium	156-1	1092	850	975	972	12.43	cps
Dysprosium	156-2	200	220	150	190	18.98	cps
Erbium	164-1	1025	800	725	850	18.37	cps
Erbium	164-2	160	180	173	171	5.95	cps
Gadolinium	160-1	1033	942	792	922	13.23	cps
Gadolinium	160-2	253	280	223	252	11.24	cps
Holmium	165-1	7234041	7212111	7184993	7210382	0.34	cps
Holmium	165-2	1505189	1498595	1497176	1500320	0.29	cps
Indium	115-1	5802728	5779440	5819234	5800467	0.34	cps
Indium	115-2	248190	244963	249200	247451	0.89	cps
Iron	56-2	642305	642877	639678	641620	0.27	cps
Iron	57-2	16594	15865	16277	16245	2.25	cps
Lead	206-1	90219	88697	89212	89376	0.87	cps
Lead	207-1	75843	74993	73949	74928	1.27	cps
Lead	208-1	351364	350644	348676	350228	0.40	cps
Lithium	6-1	856165	859474	861556	859065	0.32	cps
Magnesium	24-2	6343	5843	6285	6157	4.44	cps
Manganese	55-2	3874	3831	3817	3841	0.77	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-02DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:06:34 DataFile Name : 034SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	458	417	464	10.83	cps
Molybdenum	95-1	67	100	133	100	33.33	cps
Molybdenum	96-1	133	167	233	178	28.64	cps
Molybdenum	97-1	75	75	100	83	17.32	cps
Molybdenum	98-1	183	233	208	208	12.00	cps
Neodymium	150-1	1207	1247	1247	1233	1.87	cps
Neodymium	150-2	173	200	190	188	7.17	cps
Nickel	60-2	540	533	487	520	5.59	cps
Phosphorus	31-2	33	25	17	25	33.34	cps
Potassium	39-2	2267	2525	2525	2439	6.12	cps
Rhodium	103-1	5473728	5473565	5442506	5463266	0.33	cps
Rhodium	103-2	1389372	1386506	1396356	1390745	0.36	cps
Scandium	45-1	3172916	3171749	3193442	3179369	0.38	cps
Scandium	45-2	25757	24882	25313	25317	1.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-76	-12	5	-28	-153.05	cps
Silicon	28-1	503928	515515	509143	509529	1.14	cps
Silver	109-1	300	300	367	322	11.95	cps
Silver	107-1	325	342	317	328	3.88	cps
Sodium	23-2	5935	6085	6035	6018	1.27	cps
Strontium	86-1	1600	1509	1508	1539	3.44	cps
Strontium	88-1	9554	9420	8578	9184	5.76	cps
Sulfur	34-1	243529	245861	239455	242948	1.33	cps
Terbium	159-1	7496737	7583630	7445636	7508668	0.93	cps
Terbium	159-2	1466786	1460376	1467317	1464827	0.26	cps
Thallium	203-1	108	117	167	131	24.16	cps
Thallium	205-1	358	350	358	356	1.35	cps
Tin	118-1	767	733	700	733	4.55	cps
Titanium	47-1	15460	15251	14208	14973	4.48	cps
Uranium	238-1	725	642	983	783	22.74	cps
Vanadium	51-2	1067	1173	1083	1108	5.18	cps
Yttrium	89-1	6071246	6050889	6039979	6054038	0.26	cps
Yttrium	89-2	184268	182079	184463	183603	0.72	cps
Zinc	66-2	980	1113	1023	1039	6.55	cps
Zirconium	90-1	1317	1367	1233	1306	5.16	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:06:34	DataFile Name :	034SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	383	167	286	38.47	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 18:09:45 DataFile Name : 035SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092	1025	1208	1108	8.37	cps
Antimony	121-1	208	175	250	211	17.80	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	692	775	708	725	6.08	cps
Barium	137-1	1283	1225	1417	1308	7.51	cps
Beryllium	9-1	83	50	67	67	25.00	cps
Bismuth	209-1	4500350	4758850	4765236	4674812	3.23	cps
Bismuth	209-2	1211159	1205355	1205943	1207486	0.26	cps
Boron	10-1	350	367	325	347	6.04	cps
Boron	11-1	1675	1792	1633	1700	4.83	cps
Cadmium	111-1	668	791	743	734	8.43	cps
Cadmium	106-1	933	1083	1042	1020	7.60	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	1809	1717	1750	1759	2.64	cps
Calcium	44-1	20299	20741	20316	20452	1.23	cps
Chromium	52-2	877	827	850	851	2.94	cps
Cobalt	59-2	193	233	193	207	11.17	cps
Copper	63-2	860	773	907	847	7.99	cps
Dysprosium	156-1	167	208	167	181	13.32	cps
Dysprosium	156-2	23	20	47	30	48.44	cps
Erbium	164-1	158	117	217	164	30.65	cps
Erbium	164-2	27	60	47	44	37.74	cps
Gadolinium	160-1	267	150	142	186	37.55	cps
Gadolinium	160-2	50	47	50	49	3.93	cps
Holmium	165-1	6601933	7125044	7101228	6942735	4.25	cps
Holmium	165-2	1492662	1475657	1479893	1482737	0.60	cps
Indium	115-1	5332785	5729080	5712878	5591581	4.01	cps
Indium	115-2	243905	243599	245032	244179	0.31	cps
Iron	56-2	122999	122512	122195	122568	0.33	cps
Iron	57-2	3173	3345	3256	3258	2.64	cps
Lead	206-1	18770	18653	19143	18855	1.36	cps
Lead	207-1	16394	16083	15482	15986	2.90	cps
Lead	208-1	75044	73729	73005	73926	1.40	cps
Lithium	6-1	796492	845603	853668	831921	3.72	cps
Magnesium	24-2	1225	1425	1258	1303	8.22	cps
Manganese	55-2	713	787	660	720	8.83	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-01LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXN0L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 18:09:45 DataFile Name : 035SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	175	250	225	19.25	cps
Molybdenum	95-1	50	50	25	42	34.64	cps
Molybdenum	96-1	75	92	133	100	30.05	cps
Molybdenum	97-1	75	42	17	44	65.84	cps
Molybdenum	98-1	50	75	42	56	31.22	cps
Neodymium	150-1	200	247	213	220	10.93	cps
Neodymium	150-2	33	40	33	36	10.83	cps
Nickel	60-2	157	200	217	191	16.21	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2200	1984	2092	2092	5.18	cps
Rhodium	103-1	5049099	5375933	5381248	5268760	3.61	cps
Rhodium	103-2	1379474	1377032	1369758	1375421	0.37	cps
Scandium	45-1	2959995	3179724	3150425	3096715	3.85	cps
Scandium	45-2	25243	25273	24545	25020	1.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-5	-61	-20	-28	-102.60	cps
Silicon	28-1	370638	369730	361284	367217	1.40	cps
Silver	109-1	225	175	142	181	23.23	cps
Silver	107-1	267	225	108	200	41.04	cps
Sodium	23-2	5110	4518	5201	4943	7.51	cps
Strontium	86-1	667	642	742	683	7.62	cps
Strontium	88-1	1900	1959	2059	1972	4.06	cps
Sulfur	34-1	241945	242045	242172	242054	0.05	cps
Terbium	159-1	6996666	7440328	7459857	7298951	3.59	cps
Terbium	159-2	1457940	1449170	1444340	1450483	0.48	cps
Thallium	203-1	233	208	167	203	16.61	cps
Thallium	205-1	450	417	417	428	4.50	cps
Tin	118-1	400	383	1471	752	82.95	cps
Titanium	47-1	3201	3075	3009	3095	3.15	cps
Uranium	238-1	150	208	100	153	35.49	cps
Vanadium	51-2	243	270	237	250	7.06	cps
Yttrium	89-1	5691208	6020893	5995387	5902496	3.11	cps
Yttrium	89-2	182926	182109	180971	182002	0.54	cps
Zinc	66-2	183	253	220	219	16.00	cps
Zirconium	90-1	467	542	550	519	8.84	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDXN0L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-02 18:09:45	DataFile Name :	035SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	100	117	117	14.28	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:12:56 DataFile Name : 036SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5668	5068	5643	5460	6.22	cps
Antimony	121-1	7694	7603	8045	7780	3.00	cps
Arsenic	75-2	48	26	61	45	39.48	cps
Barium	135-1	36167	35457	34947	35524	1.72	cps
Barium	137-1	63495	62416	61276	62396	1.78	cps
Beryllium	9-1	478	517	472	489	4.95	cps
Bismuth	209-1	4723053	4655438	4696808	4691766	0.73	cps
Bismuth	209-2	1197388	1185227	1189826	1190814	0.52	cps
Boron	10-1	342	258	300	300	13.89	cps
Boron	11-1	1617	1400	1550	1522	7.29	cps
Cadmium	111-1	1519	1588	1514	1541	2.70	cps
Cadmium	106-1	1025	1050	1025	1033	1.40	cps
Cadmium	108-1	75	67	71	71	5.88	cps
Calcium	43-1	3434	3259	3476	3389	3.39	cps
Calcium	44-1	50333	51403	51387	51041	1.20	cps
Chromium	52-2	2997	3057	2910	2988	2.47	cps
Cobalt	59-2	8196	7852	7899	7982	2.33	cps
Copper	63-2	6835	6418	7012	6755	4.51	cps
Dysprosium	156-1	725	750	892	789	11.39	cps
Dysprosium	156-2	220	183	207	203	9.13	cps
Erbium	164-1	942	808	1050	933	12.97	cps
Erbium	164-2	187	200	160	182	11.18	cps
Gadolinium	160-1	758	892	925	858	10.28	cps
Gadolinium	160-2	247	210	250	236	9.42	cps
Holmium	165-1	7058094	7010441	7010409	7026315	0.39	cps
Holmium	165-2	1471757	1459122	1460148	1463675	0.48	cps
Indium	115-1	5698966	5576535	5659178	5644893	1.11	cps
Indium	115-2	245164	242099	240897	242720	0.91	cps
Iron	56-2	627389	622041	620153	623194	0.60	cps
Iron	57-2	15909	16516	15815	16080	2.37	cps
Lead	206-1	87041	84424	84324	85263	1.81	cps
Lead	207-1	71060	70328	71221	70870	0.67	cps
Lead	208-1	335361	332141	331043	332848	0.67	cps
Lithium	6-1	832934	835438	834125	834165	0.15	cps
Magnesium	24-2	6043	5977	5851	5957	1.63	cps
Manganese	55-2	4494	4474	4401	4456	1.10	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-03DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXN0S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:12:56 DataFile Name : 036SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	650	533	589	9.95	cps
Molybdenum	95-1	42	100	58	67	45.06	cps
Molybdenum	96-1	317	242	208	256	21.71	cps
Molybdenum	97-1	92	67	92	83	17.32	cps
Molybdenum	98-1	133	167	208	169	22.18	cps
Neodymium	150-1	1160	1333	1387	1293	9.16	cps
Neodymium	150-2	157	170	153	160	5.51	cps
Nickel	60-2	2684	2714	2527	2641	3.80	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	2667	2217	2400	2428	9.32	cps
Rhodium	103-1	5365591	5325845	5335217	5342218	0.39	cps
Rhodium	103-2	1372054	1360918	1349539	1360837	0.83	cps
Scandium	45-1	3145119	3126364	3090432	3120638	0.89	cps
Scandium	45-2	24672	24538	24725	24645	0.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	13	4	6	96.48	cps
Selenium	82-1	110	95	85	97	12.77	cps
Silicon	28-1	543030	508725	497123	516293	4.62	cps
Silver	109-1	4293	3776	3742	3937	7.84	cps
Silver	107-1	4092	3976	4284	4117	3.78	cps
Sodium	23-2	5810	5868	5676	5785	1.70	cps
Strontium	86-1	1517	1433	1333	1428	6.43	cps
Strontium	88-1	8845	8978	9404	9076	3.22	cps
Sulfur	34-1	244216	241742	239950	241969	0.89	cps
Terbium	159-1	7290027	7346246	7386424	7340899	0.66	cps
Terbium	159-2	1436522	1418934	1417900	1424452	0.73	cps
Thallium	203-1	3242	3234	3192	3223	0.83	cps
Thallium	205-1	7344	7661	7511	7505	2.11	cps
Tin	118-1	683	683	567	644	10.45	cps
Titanium	47-1	14007	14575	14091	14224	2.15	cps
Uranium	238-1	700	675	617	664	6.44	cps
Vanadium	51-2	3527	3671	3684	3627	2.40	cps
Yttrium	89-1	5843813	5959440	5895474	5899576	0.98	cps
Yttrium	89-2	182643	182176	179594	181471	0.91	cps
Zinc	66-2	1553	1640	1660	1618	3.51	cps
Zirconium	90-1	1400	1258	1358	1339	5.44	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXN0S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:12:56	DataFile Name :	036SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	250	317	297	13.83	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:16:08 DataFile Name : 037SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1984	1675	1775	1811	8.69	cps
Antimony	121-1	275	250	442	322	32.34	cps
Arsenic	75-2	22	15	13	17	29.41	cps
Barium	135-1	3167	3100	3301	3189	3.19	cps
Barium	137-1	7992	6102	6127	6740	16.08	cps
Beryllium	9-1	89	78	89	85	7.53	cps
Bismuth	209-1	4676685	4561097	4546363	4594715	1.55	cps
Bismuth	209-2	1178374	1177230	1076796	1144133	5.10	cps
Boron	10-1	292	342	275	303	11.46	cps
Boron	11-1	1417	1317	1483	1406	5.97	cps
Cadmium	111-1	883	850	776	836	6.55	cps
Cadmium	106-1	1008	950	808	922	11.15	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Calcium	43-1	3659	3417	3434	3503	3.85	cps
Calcium	44-1	53679	53988	52516	53394	1.45	cps
Chromium	52-2	1753	1773	1890	1806	4.09	cps
Cobalt	59-2	663	780	743	729	8.19	cps
Copper	63-2	3477	3424	3511	3470	1.26	cps
Dysprosium	156-1	800	708	675	728	8.89	cps
Dysprosium	156-2	133	140	150	141	5.94	cps
Erbium	164-1	667	783	650	700	10.38	cps
Erbium	164-2	150	150	153	151	1.28	cps
Gadolinium	160-1	667	758	592	672	12.42	cps
Gadolinium	160-2	167	203	183	184	9.95	cps
Holmium	165-1	6961947	6885130	6881678	6909585	0.66	cps
Holmium	165-2	1455092	1450834	1332398	1412775	4.93	cps
Indium	115-1	5619339	5637413	5563030	5606594	0.69	cps
Indium	115-2	242119	240676	221308	234701	4.95	cps
Iron	56-2	469470	470821	470150	470147	0.14	cps
Iron	57-2	12322	11511	11866	11900	3.42	cps
Lead	206-1	56917	56621	55873	56470	0.95	cps
Lead	207-1	46887	46960	47088	46978	0.22	cps
Lead	208-1	219673	220408	218684	219588	0.39	cps
Lithium	6-1	825699	826801	821923	824808	0.31	cps
Magnesium	24-2	4893	4993	5351	5079	4.75	cps
Manganese	55-2	1260	1217	1320	1266	4.10	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-13DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXM4 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:16:08 DataFile Name : 037SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	783	717	708	11.22	cps
Molybdenum	95-1	142	108	167	139	21.07	cps
Molybdenum	96-1	367	225	317	303	23.73	cps
Molybdenum	97-1	133	67	150	117	37.80	cps
Molybdenum	98-1	217	258	300	258	16.13	cps
Neodymium	150-1	893	973	1087	985	9.87	cps
Neodymium	150-2	100	147	147	131	20.55	cps
Nickel	60-2	400	463	460	441	8.08	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2442	2392	2242	2359	4.41	cps
Rhodium	103-1	5265374	5283157	5236073	5261534	0.45	cps
Rhodium	103-2	1352845	1343611	1231955	1309470	5.14	cps
Scandium	45-1	3082222	3068227	3083112	3077853	0.27	cps
Scandium	45-2	25553	24779	22789	24374	5.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-26	53	-40	-4	-1156.94	cps
Silicon	28-1	417523	528296	414415	453412	14.31	cps
Silver	109-1	400	308	242	317	25.10	cps
Silver	107-1	350	300	367	339	10.24	cps
Sodium	23-2	5310	5235	5251	5265	0.75	cps
Strontium	86-1	1483	1217	1242	1314	11.21	cps
Strontium	88-1	7894	8053	8345	8097	2.82	cps
Sulfur	34-1	241325	240793	241503	241207	0.15	cps
Terbium	159-1	7171456	7138477	7280331	7196754	1.03	cps
Terbium	159-2	1427494	1409245	1297962	1378233	5.09	cps
Thallium	203-1	150	108	208	156	32.29	cps
Thallium	205-1	367	317	258	314	17.27	cps
Tin	118-1	1283	1258	1008	1183	12.85	cps
Titanium	47-1	24773	25000	24339	24704	1.36	cps
Uranium	238-1	658	725	617	667	8.20	cps
Vanadium	51-2	1143	1257	1317	1239	7.11	cps
Yttrium	89-1	5869453	5823485	5858381	5850439	0.41	cps
Yttrium	89-2	180102	180955	163220	174759	5.72	cps
Zinc	66-2	943	927	947	939	1.14	cps
Zirconium	90-1	1725	1975	1925	1875	7.06	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXM4	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:16:08	DataFile Name :	037SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	400	425	425	5.88	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:19:20 DataFile Name : 038SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2525	2759	2459	2581	6.10	cps
Antimony	121-1	525	483	408	472	12.52	cps
Arsenic	75-2	15	11	30	19	52.93	cps
Barium	135-1	7569	7127	7778	7491	4.43	cps
Barium	137-1	12456	13132	12865	12818	2.65	cps
Beryllium	9-1	78	139	72	96	38.41	cps
Bismuth	209-1	4829148	4766589	4763838	4786525	0.77	cps
Bismuth	209-2	1230956	1222515	1227593	1227021	0.35	cps
Boron	10-1	417	300	233	317	29.30	cps
Boron	11-1	1333	1308	1433	1358	4.87	cps
Cadmium	111-1	778	897	813	829	7.38	cps
Cadmium	106-1	1008	1158	1033	1067	7.53	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	5726	6260	5810	5932	4.84	cps
Calcium	44-1	89341	89074	87548	88654	1.09	cps
Chromium	52-2	1533	1767	1603	1635	7.33	cps
Cobalt	59-2	577	557	570	568	1.79	cps
Copper	63-2	1874	1870	1957	1900	2.58	cps
Dysprosium	156-1	1433	1517	1158	1370	13.69	cps
Dysprosium	156-2	337	267	313	306	11.67	cps
Erbium	164-1	1492	1308	1375	1392	6.67	cps
Erbium	164-2	287	283	297	289	2.40	cps
Gadolinium	160-1	1517	1317	1325	1386	8.16	cps
Gadolinium	160-2	380	407	457	414	9.39	cps
Holmium	165-1	7191226	7126269	7153175	7156890	0.46	cps
Holmium	165-2	1514612	1538191	1513329	1522044	0.92	cps
Indium	115-1	5751076	5773207	5826902	5783728	0.67	cps
Indium	115-2	250718	250488	250134	250447	0.12	cps
Iron	56-2	621701	620468	618498	620222	0.26	cps
Iron	57-2	15081	15298	15604	15327	1.71	cps
Lead	206-1	51053	50947	51979	51326	1.11	cps
Lead	207-1	42449	42276	42912	42546	0.77	cps
Lead	208-1	199380	197599	199944	198974	0.62	cps
Lithium	6-1	862013	850470	857895	856792	0.68	cps
Magnesium	24-2	3125	3276	2984	3128	4.66	cps
Manganese	55-2	1687	1560	1637	1628	3.92	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-14DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXR3 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:19:20 DataFile Name : 038SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	333	442	400	14.58	cps
Molybdenum	95-1	158	217	225	200	18.16	cps
Molybdenum	96-1	333	275	283	297	10.62	cps
Molybdenum	97-1	192	117	200	169	27.09	cps
Molybdenum	98-1	317	283	300	300	5.55	cps
Neodymium	150-1	2100	1994	1960	2018	3.62	cps
Neodymium	150-2	273	247	343	288	17.35	cps
Nickel	60-2	360	390	357	369	4.98	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	2475	2792	2559	2609	6.29	cps
Rhodium	103-1	5449067	5441351	5376618	5422346	0.73	cps
Rhodium	103-2	1405961	1404377	1391175	1400504	0.58	cps
Scandium	45-1	3175720	3214917	3232144	3207594	0.90	cps
Scandium	45-2	25764	25386	25540	25563	0.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-14	-7	-3	-8	-70.95	cps
Silicon	28-1	590870	603332	777097	657099	15.84	cps
Silver	109-1	392	333	333	353	9.55	cps
Silver	107-1	275	267	442	328	30.12	cps
Sodium	23-2	6010	5501	5668	5726	4.53	cps
Strontium	86-1	2917	3042	3276	3078	5.91	cps
Strontium	88-1	23112	22978	23337	23143	0.78	cps
Sulfur	34-1	255688	251916	254536	254047	0.76	cps
Terbium	159-1	7451176	7420778	7459202	7443719	0.27	cps
Terbium	159-2	1465487	1466472	1470884	1467614	0.20	cps
Thallium	203-1	125	192	125	147	26.14	cps
Thallium	205-1	483	442	450	458	4.81	cps
Tin	118-1	1308	1684	1525	1506	12.50	cps
Titanium	47-1	7961	8044	8386	8131	2.77	cps
Uranium	238-1	1158	1192	1225	1192	2.80	cps
Vanadium	51-2	1960	1797	1984	1914	5.32	cps
Yttrium	89-1	5997890	6081438	6051271	6043533	0.70	cps
Yttrium	89-2	185444	186700	187366	186503	0.52	cps
Zinc	66-2	677	747	670	698	6.09	cps
Zirconium	90-1	825	758	867	817	6.69	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXR3	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:19:20	DataFile Name :	038SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	92	192	153	35.07	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:22:31 DataFile Name : 039SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3351	3025	2767	3048	9.59	cps
Antimony	121-1	475	383	325	394	19.17	cps
Arsenic	75-2	48	69	72	63	20.59	cps
Barium	135-1	14150	13691	14358	14066	2.43	cps
Barium	137-1	23922	24265	24148	24112	0.72	cps
Beryllium	9-1	100	178	150	143	27.64	cps
Bismuth	209-1	4787905	4734290	4781014	4767736	0.61	cps
Bismuth	209-2	1223841	1228416	1222179	1224812	0.26	cps
Boron	10-1	383	358	400	381	5.51	cps
Boron	11-1	1450	1325	1525	1433	7.05	cps
Cadmium	111-1	959	925	991	958	3.44	cps
Cadmium	106-1	1008	933	1108	1017	8.64	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	4626	4734	4734	4698	1.33	cps
Calcium	44-1	70360	70184	70143	70229	0.16	cps
Chromium	52-2	1690	1670	1703	1688	0.99	cps
Cobalt	59-2	970	1013	853	946	8.75	cps
Copper	63-2	2324	2324	2454	2367	3.17	cps
Dysprosium	156-1	2250	2117	2192	2186	3.06	cps
Dysprosium	156-2	423	487	397	436	10.61	cps
Erbium	164-1	1925	1867	2292	2028	11.36	cps
Erbium	164-2	327	417	440	394	15.17	cps
Gadolinium	160-1	2209	1984	2175	2123	5.72	cps
Gadolinium	160-2	557	643	650	617	8.44	cps
Holmium	165-1	7205217	7207561	7170085	7194288	0.29	cps
Holmium	165-2	1500797	1510111	1508584	1506497	0.33	cps
Indium	115-1	5808028	5809478	5751485	5789664	0.57	cps
Indium	115-2	249360	247243	248497	248367	0.43	cps
Iron	56-2	1292084	1283230	1284239	1286518	0.38	cps
Iron	57-2	32611	32823	32834	32756	0.38	cps
Lead	206-1	165144	164720	165536	165133	0.25	cps
Lead	207-1	137128	138650	136830	137536	0.71	cps
Lead	208-1	640582	641731	640660	640991	0.10	cps
Lithium	6-1	857591	857302	860942	858612	0.24	cps
Magnesium	24-2	2875	2917	3276	3023	7.28	cps
Manganese	55-2	5898	5631	5808	5779	2.35	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-15DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXS1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 18:22:31 DataFile Name : 039SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	408	683	511	29.36	cps
Molybdenum	95-1	267	308	300	292	7.56	cps
Molybdenum	96-1	533	458	433	475	10.96	cps
Molybdenum	97-1	167	308	233	236	30.02	cps
Molybdenum	98-1	500	325	575	467	27.49	cps
Neodymium	150-1	3034	2954	3121	3036	2.75	cps
Neodymium	150-2	427	463	443	444	4.13	cps
Nickel	60-2	423	457	427	436	4.21	cps
Phosphorus	31-2	42	17	8	22	78.07	cps
Potassium	39-2	2242	2467	2292	2334	5.06	cps
Rhodium	103-1	5476948	5398928	5466155	5447344	0.78	cps
Rhodium	103-2	1390642	1397126	1395303	1394357	0.24	cps
Scandium	45-1	3180564	3210577	3218242	3203127	0.62	cps
Scandium	45-2	26014	25597	25600	25737	0.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-23	-56	-86	-55	-57.64	cps
Silicon	28-1	643408	637708	617328	632815	2.17	cps
Silver	109-1	158	250	258	222	24.97	cps
Silver	107-1	300	283	283	289	3.33	cps
Sodium	23-2	4868	4493	4801	4720	4.24	cps
Strontium	86-1	2300	2275	2209	2261	2.10	cps
Strontium	88-1	16661	17485	16102	16749	4.15	cps
Sulfur	34-1	258240	255374	255451	256355	0.64	cps
Terbium	159-1	7546708	7498133	7490489	7511776	0.41	cps
Terbium	159-2	1463179	1462112	1471301	1465531	0.34	cps
Thallium	203-1	175	250	142	189	29.37	cps
Thallium	205-1	425	467	433	442	4.99	cps
Tin	118-1	1075	1142	1117	1111	3.03	cps
Titanium	47-1	6652	6594	6602	6616	0.48	cps
Uranium	238-1	1775	1967	1700	1814	7.58	cps
Vanadium	51-2	2977	3130	3040	3049	2.53	cps
Yttrium	89-1	6055149	6064836	6057069	6059018	0.08	cps
Yttrium	89-2	185751	188208	186264	186741	0.69	cps
Zinc	66-2	1013	1050	947	1003	5.22	cps
Zirconium	90-1	833	742	842	806	6.89	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-15DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXS1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 18:22:31	DataFile Name :	039SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	258	367	261	39.92	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:25:43 DataFile Name : 040SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	183	158	164	10.58	cps
Antimony	121-1	842	925	867	878	4.87	cps
Arsenic	75-2	11	7	4	7	50.02	cps
Barium	135-1	2409	2867	2759	2678	8.95	cps
Barium	137-1	4234	4593	4293	4373	4.40	cps
Beryllium	9-1	39	50	61	50	22.22	cps
Bismuth	209-1	5075310	4955663	5030467	5020480	1.20	cps
Bismuth	209-2	999383	850620	1258009	1036004	19.90	cps
Boron	10-1	300	275	333	303	9.67	cps
Boron	11-1	1392	1433	1442	1422	1.88	cps
Cadmium	111-1	769	810	1006	862	14.72	cps
Cadmium	106-1	958	1033	1292	1095	15.98	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	3084	3092	2875	3017	4.07	cps
Calcium	44-1	41763	41538	41763	41688	0.31	cps
Chromium	52-2	830	887	840	852	3.55	cps
Cobalt	59-2	53	83	70	69	21.83	cps
Copper	63-2	770	707	710	729	4.89	cps
Dysprosium	156-1	58	100	83	81	26.03	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	125	150	133	136	9.35	cps
Gadolinium	160-2	17	33	10	20	60.08	cps
Holmium	165-1	7719313	7644488	7636252	7666684	0.60	cps
Holmium	165-2	1273181	1055955	1592190	1307109	20.64	cps
Indium	115-1	6307462	6276965	6245127	6276518	0.50	cps
Indium	115-2	209891	174432	259188	214504	19.84	cps
Iron	56-2	26348	26164	26209	26240	0.37	cps
Iron	57-2	656	611	650	639	3.79	cps
Lead	206-1	2856	2717	2773	2782	2.51	cps
Lead	207-1	2373	2350	2156	2293	5.20	cps
Lead	208-1	10958	10691	10363	10671	2.79	cps
Lithium	6-1	965944	988805	988715	981155	1.34	cps
Magnesium	24-2	550	633	592	592	7.04	cps
Manganese	55-2	410	353	413	392	8.60	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:25:43 DataFile Name : 040SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	150	250	231	31.58	cps
Molybdenum	95-1	58	100	83	81	26.03	cps
Molybdenum	96-1	183	125	133	147	21.43	cps
Molybdenum	97-1	50	42	83	58	37.80	cps
Molybdenum	98-1	117	158	167	147	18.20	cps
Neodymium	150-1	87	73	127	96	29.04	cps
Neodymium	150-2	10	17	23	17	39.99	cps
Nickel	60-2	160	143	207	170	19.31	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2234	2192	2450	2292	6.05	cps
Rhodium	103-1	5808177	5860820	5788412	5819136	0.64	cps
Rhodium	103-2	1201272	971640	1490935	1221282	21.31	cps
Scandium	45-1	3456088	3440204	3418007	3438100	0.56	cps
Scandium	45-2	22160	17487	27200	22282	21.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-73	-3	-37	-38	-92.86	cps
Silicon	28-1	410012	407218	400942	406058	1.14	cps
Silver	109-1	1017	1017	1242	1092	11.90	cps
Silver	107-1	1075	1267	1308	1217	10.23	cps
Sodium	23-2	8645	8720	8611	8658	0.64	cps
Strontium	86-1	733	842	867	814	8.71	cps
Strontium	88-1	4459	4709	4893	4687	4.65	cps
Sulfur	34-1	256878	253223	256409	255503	0.78	cps
Terbium	159-1	8025199	7931698	7994514	7983804	0.60	cps
Terbium	159-2	1240723	1022002	1560248	1274324	21.24	cps
Thallium	203-1	217	125	167	169	27.09	cps
Thallium	205-1	483	492	317	431	22.93	cps
Tin	118-1	4793	4826	5001	4873	2.30	cps
Titanium	47-1	1183	1067	1167	1139	5.54	cps
Uranium	238-1	100	125	108	111	11.46	cps
Vanadium	51-2	80	77	57	71	17.74	cps
Yttrium	89-1	6454082	6524582	6393413	6457359	1.02	cps
Yttrium	89-2	155255	128845	193707	159269	20.48	cps
Zinc	66-2	2124	2344	2110	2192	5.98	cps
Zirconium	90-1	575	567	583	575	1.45	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-04	Instrumnet Name :	P8
Client Sample ID :	MBDY25	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:25:43	DataFile Name :	040SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	133	114	18.41	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:28:53 DataFile Name : 041SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	408	483	444	8.46	cps
Antimony	121-1	4284	4042	4159	4162	2.90	cps
Arsenic	75-2	59	67	46	57	17.96	cps
Barium	135-1	37596	37931	37078	37535	1.14	cps
Barium	137-1	65111	66007	65137	65418	0.78	cps
Beryllium	9-1	83	50	67	67	25.00	cps
Bismuth	209-1	5287831	5260955	5250384	5266390	0.37	cps
Bismuth	209-2	1272343	1266694	1273140	1270725	0.28	cps
Boron	10-1	9787	9729	10096	9870	2.00	cps
Boron	11-1	46970	47338	48249	47519	1.39	cps
Cadmium	111-1	785	861	923	856	8.12	cps
Cadmium	106-1	1033	1133	1250	1139	9.52	cps
Cadmium	108-1	38	17	8	21	72.12	cps
Calcium	43-1	524741	519859	523160	522587	0.48	cps
Calcium	44-1	8722257	8604652	8575479	8634130	0.90	cps
Chromium	52-2	1023	1253	1190	1156	10.28	cps
Cobalt	59-2	347	420	320	362	14.30	cps
Copper	63-2	5144	5445	5238	5276	2.91	cps
Dysprosium	156-1	208	258	300	256	17.96	cps
Dysprosium	156-2	43	37	73	51	38.22	cps
Erbium	164-1	258	367	308	311	17.43	cps
Erbium	164-2	57	50	90	66	32.69	cps
Gadolinium	160-1	267	408	400	358	22.19	cps
Gadolinium	160-2	67	107	113	96	26.41	cps
Holmium	165-1	7993975	7956243	8024717	7991645	0.43	cps
Holmium	165-2	1603124	1605263	1621286	1609891	0.62	cps
Indium	115-1	6331944	6326891	6316610	6325149	0.12	cps
Indium	115-2	252690	251171	253462	252441	0.46	cps
Iron	56-2	295676	307871	298092	300546	2.15	cps
Iron	57-2	7569	7530	7552	7550	0.26	cps
Lead	206-1	5107	5624	5279	5336	4.93	cps
Lead	207-1	4245	4523	4284	4351	3.46	cps
Lead	208-1	20546	21463	21280	21097	2.30	cps
Lithium	6-1	986576	984295	989689	986854	0.27	cps
Magnesium	24-2	229037	224115	226900	226684	1.09	cps
Manganese	55-2	17735	17051	16537	17107	3.51	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:28:53 DataFile Name : 041SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1959	1867	1750	1859	5.62	cps
Molybdenum	95-1	2500	2142	2175	2273	8.71	cps
Molybdenum	96-1	2284	2484	2467	2411	4.60	cps
Molybdenum	97-1	1750	1383	1417	1517	13.37	cps
Molybdenum	98-1	3792	3584	3467	3615	4.56	cps
Neodymium	150-1	340	313	327	327	4.08	cps
Neodymium	150-2	40	53	30	41	28.47	cps
Nickel	60-2	463	493	493	483	3.58	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	42106	41755	41170	41677	1.13	cps
Rhodium	103-1	5844908	5883897	5765713	5831506	1.03	cps
Rhodium	103-2	1438355	1435635	1436130	1436706	0.10	cps
Scandium	45-1	3398194	3385551	3371749	3385165	0.39	cps
Scandium	45-2	25677	25563	25767	25669	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-1	17	22	12	99.39	cps
Silicon	28-1	14933791	15048295	14684243	14888776	1.25	cps
Silver	109-1	1342	1408	1292	1347	4.35	cps
Silver	107-1	1175	1333	1283	1264	6.40	cps
Sodium	23-2	2008593	2016632	1984389	2003205	0.84	cps
Strontium	86-1	202210	202235	212281	205575	2.83	cps
Strontium	88-1	1839849	1801630	1798754	1813411	1.27	cps
Sulfur	34-1	416395	421486	418081	418654	0.62	cps
Terbium	159-1	8207031	8327652	8234955	8256546	0.76	cps
Terbium	159-2	1584629	1569907	1561274	1571936	0.75	cps
Thallium	203-1	92	125	67	94	30.99	cps
Thallium	205-1	375	383	308	356	11.56	cps
Tin	118-1	1175	1400	1358	1311	9.13	cps
Titanium	47-1	5687	3718	3176	4193	31.51	cps
Uranium	238-1	2309	2192	2175	2225	3.27	cps
Vanadium	51-2	1657	1580	1660	1632	2.77	cps
Yttrium	89-1	6527868	6522261	6467886	6506005	0.51	cps
Yttrium	89-2	187905	188159	186946	187670	0.34	cps
Zinc	66-2	2747	2894	2677	2773	3.99	cps
Zirconium	90-1	2042	1692	1475	1737	16.47	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-05	Instrumnet Name :	P8
Client Sample ID :	MBDXK9	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:28:53	DataFile Name :	041SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	592	375	450	27.34	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:32:00 DataFile Name : 042SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13415	13323	13015	13251	1.58	cps
Antimony	121-1	4634	4501	4451	4529	2.09	cps
Arsenic	75-2	315	319	302	312	2.81	cps
Barium	135-1	139529	140018	140523	140023	0.35	cps
Barium	137-1	243896	242119	243004	243006	0.37	cps
Beryllium	9-1	311	239	294	281	13.43	cps
Bismuth	209-1	5367600	5294103	5280184	5313962	0.88	cps
Bismuth	209-2	1251495	1254653	1249682	1251943	0.20	cps
Boron	10-1	105101	105554	106594	105750	0.72	cps
Boron	11-1	494784	508841	509418	504348	1.64	cps
Cadmium	111-1	2145	2069	1961	2058	4.50	cps
Cadmium	106-1	1375	1258	1300	1311	4.51	cps
Cadmium	108-1	108	125	100	111	11.46	cps
Calcium	43-1	1363995	1345290	1361231	1356839	0.74	cps
Calcium	44-1	21923328	21875373	21882378	21893693	0.12	cps
Chromium	52-2	8229	8032	8289	8184	1.64	cps
Cobalt	59-2	6495	6455	6168	6373	2.80	cps
Copper	63-2	34981	34603	34453	34679	0.78	cps
Dysprosium	156-1	9329	9179	9587	9365	2.21	cps
Dysprosium	156-2	2004	2104	1904	2004	4.99	cps
Erbium	164-1	9571	9662	9721	9651	0.78	cps
Erbium	164-2	1857	1667	1700	1741	5.83	cps
Gadolinium	160-1	9954	9671	9429	9685	2.72	cps
Gadolinium	160-2	2527	2607	2277	2470	6.97	cps
Holmium	165-1	8101800	8043897	8097165	8080954	0.40	cps
Holmium	165-2	1604879	1597110	1613562	1605183	0.51	cps
Indium	115-1	6314882	6335506	6318596	6322994	0.17	cps
Indium	115-2	247909	247836	246232	247326	0.38	cps
Iron	56-2	5391414	5322466	5374948	5362943	0.67	cps
Iron	57-2	136181	134095	134229	134835	0.87	cps
Lead	206-1	329915	329154	327838	328969	0.32	cps
Lead	207-1	275610	273539	273563	274237	0.43	cps
Lead	208-1	1285128	1280073	1277743	1280981	0.29	cps
Lithium	6-1	1008938	982743	999864	997182	1.33	cps
Magnesium	24-2	588391	583211	581573	584392	0.61	cps
Manganese	55-2	125975	124270	123275	124506	1.10	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:32:00 DataFile Name : 042SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2600	2659	2325	2528	7.04	cps
Molybdenum	95-1	1392	1358	1675	1475	11.80	cps
Molybdenum	96-1	1925	1767	1967	1886	5.60	cps
Molybdenum	97-1	833	917	867	872	4.81	cps
Molybdenum	98-1	2575	2125	2250	2317	10.03	cps
Neodymium	150-1	12820	18676	12446	14648	23.85	cps
Neodymium	150-2	1433	1500	1610	1515	5.89	cps
Nickel	60-2	3107	2980	3027	3038	2.11	cps
Phosphorus	31-2	183	167	142	164	12.80	cps
Potassium	39-2	27937	27461	27444	27614	1.01	cps
Rhodium	103-1	5802321	5771794	5763894	5779336	0.35	cps
Rhodium	103-2	1417491	1416960	1401088	1411846	0.66	cps
Scandium	45-1	3364848	3368274	3390185	3374436	0.41	cps
Scandium	45-2	24865	24625	24712	24734	0.49	cps
Selenium	77-2	13	13	20	16	24.76	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	23	95	50	56	64.83	cps
Silicon	28-1	42918745	42525319	42317139	42587068	0.72	cps
Silver	109-1	6927	7119	6977	7008	1.42	cps
Silver	107-1	7577	7352	7502	7477	1.53	cps
Sodium	23-2	1709203	1707097	1681470	1699257	0.91	cps
Strontium	86-1	343477	335528	339438	339481	1.17	cps
Strontium	88-1	3043707	3010279	3003015	3019000	0.72	cps
Sulfur	34-1	501706	498811	496199	498905	0.55	cps
Terbium	159-1	8527290	8321604	8395301	8414732	1.24	cps
Terbium	159-2	1532170	1558864	1516910	1535981	1.38	cps
Thallium	203-1	492	533	625	550	12.40	cps
Thallium	205-1	1350	1175	983	1170	15.68	cps
Tin	118-1	6068	6177	5927	6057	2.07	cps
Titanium	47-1	62575	60189	65057	62607	3.89	cps
Uranium	238-1	18848	18114	18239	18400	2.14	cps
Vanadium	51-2	14011	13874	13780	13888	0.83	cps
Yttrium	89-1	6694736	6635146	6649628	6659836	0.47	cps
Yttrium	89-2	189788	188946	186764	188499	0.83	cps
Zinc	66-2	19330	18943	18679	18984	1.72	cps
Zirconium	90-1	4876	4943	4843	4887	1.05	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-06	Instrumnet Name :	P8
Client Sample ID :	MBDXL0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:32:00	DataFile Name :	042SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	1108	1133	1108	2.26	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:35:08 DataFile Name : 043SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	333	400	383	11.50	cps
Antimony	121-1	3717	3909	4184	3937	5.96	cps
Arsenic	75-2	69	98	54	73	30.81	cps
Barium	135-1	34296	34287	33159	33914	1.93	cps
Barium	137-1	59887	58748	59326	59320	0.96	cps
Beryllium	9-1	39	61	100	67	46.40	cps
Bismuth	209-1	5397125	5347821	5295846	5346931	0.95	cps
Bismuth	209-2	1251626	1242959	1242902	1245829	0.40	cps
Boron	10-1	12965	13248	13515	13243	2.08	cps
Boron	11-1	63667	63467	63659	63598	0.18	cps
Cadmium	111-1	847	843	782	824	4.42	cps
Cadmium	106-1	1133	1125	1050	1103	4.16	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	442327	441747	437309	440461	0.62	cps
Calcium	44-1	7297353	7309832	7214472	7273886	0.71	cps
Chromium	52-2	1233	1007	1340	1193	14.27	cps
Cobalt	59-2	287	287	317	297	5.84	cps
Copper	63-2	5261	5044	5024	5110	2.57	cps
Dysprosium	156-1	308	250	158	239	31.65	cps
Dysprosium	156-2	30	43	43	39	19.79	cps
Erbium	164-1	258	342	350	317	16.01	cps
Erbium	164-2	57	40	50	49	17.16	cps
Gadolinium	160-1	242	292	333	289	15.89	cps
Gadolinium	160-2	60	37	63	53	27.24	cps
Holmium	165-1	8000635	8014626	7974379	7996546	0.26	cps
Holmium	165-2	1585883	1565190	1544457	1565177	1.32	cps
Indium	115-1	6306004	6276837	6210445	6264429	0.78	cps
Indium	115-2	242264	241203	241213	241560	0.25	cps
Iron	56-2	213532	204544	206538	208205	2.27	cps
Iron	57-2	5351	5401	4812	5188	6.30	cps
Lead	206-1	5707	5274	5351	5444	4.25	cps
Lead	207-1	4573	4384	4490	4482	2.11	cps
Lead	208-1	21485	21230	20996	21237	1.15	cps
Lithium	6-1	980521	991220	983405	985049	0.56	cps
Magnesium	24-2	182457	180380	180271	181036	0.68	cps
Manganese	55-2	17711	17792	17701	17735	0.28	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:35:08 DataFile Name : 043SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1984	2067	2075	2042	2.48	cps
Molybdenum	95-1	2500	2309	2192	2334	6.67	cps
Molybdenum	96-1	2825	2900	2934	2887	1.92	cps
Molybdenum	97-1	1458	1350	1492	1433	5.17	cps
Molybdenum	98-1	4017	3651	3784	3817	4.86	cps
Neodymium	150-1	233	367	267	289	24.02	cps
Neodymium	150-2	47	23	27	32	39.17	cps
Nickel	60-2	490	487	450	476	4.67	cps
Phosphorus	31-2	25	42	17	28	45.82	cps
Potassium	39-2	36640	34802	35454	35632	2.62	cps
Rhodium	103-1	5764119	5723259	5683861	5723746	0.70	cps
Rhodium	103-2	1406197	1385698	1389770	1393888	0.78	cps
Scandium	45-1	3322553	3234470	3247348	3268124	1.46	cps
Scandium	45-2	24004	23403	23750	23719	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-27	13	3	-4	-568.25	cps
Silicon	28-1	12376659	12041166	12086486	12168104	1.50	cps
Silver	109-1	1192	1042	1108	1114	6.75	cps
Silver	107-1	1217	1200	1217	1211	0.79	cps
Sodium	23-2	1580710	1555256	1590935	1575633	1.17	cps
Strontium	86-1	173515	175204	172687	173802	0.74	cps
Strontium	88-1	1571980	1562852	1566977	1567270	0.29	cps
Sulfur	34-1	385887	384284	386160	385444	0.26	cps
Terbium	159-1	8269424	8282652	8228029	8260035	0.34	cps
Terbium	159-2	1501748	1501214	1490606	1497856	0.42	cps
Thallium	203-1	67	100	92	86	20.15	cps
Thallium	205-1	258	192	208	219	15.81	cps
Tin	118-1	1534	1717	1525	1592	6.81	cps
Titanium	47-1	2317	4059	2709	3028	30.17	cps
Uranium	238-1	2059	2100	2234	2131	4.29	cps
Vanadium	51-2	1370	1327	1150	1282	9.09	cps
Yttrium	89-1	6440030	6504512	6332008	6425517	1.36	cps
Yttrium	89-2	180536	178317	179070	179308	0.63	cps
Zinc	66-2	2380	2420	2477	2426	2.00	cps
Zirconium	90-1	1208	1458	1383	1350	9.50	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-07	Instrumnet Name :	P8
Client Sample ID :	MBDXL1	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:35:08	DataFile Name :	043SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	367	408	367	11.36	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:38:16 DataFile Name : 044SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	417	350	408	13.38	cps
Antimony	121-1	1383	1242	1425	1350	7.12	cps
Arsenic	75-2	72	67	65	68	5.67	cps
Barium	135-1	60045	60916	61142	60701	0.95	cps
Barium	137-1	104888	105292	105125	105102	0.19	cps
Beryllium	9-1	94	78	89	87	9.75	cps
Bismuth	209-1	5303012	5297325	5324993	5308443	0.28	cps
Bismuth	209-2	1229725	1224999	1206501	1220408	1.01	cps
Boron	10-1	116562	118704	121149	118805	1.93	cps
Boron	11-1	560289	566226	573251	566589	1.15	cps
Cadmium	111-1	871	741	976	863	13.62	cps
Cadmium	106-1	1142	925	1292	1120	16.47	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	1389423	1394588	1353060	1379024	1.64	cps
Calcium	44-1	22415157	22258612	21810877	22161548	1.42	cps
Chromium	52-2	1017	920	897	944	6.74	cps
Cobalt	59-2	457	457	417	443	5.21	cps
Copper	63-2	1783	1847	1867	1832	2.37	cps
Dysprosium	156-1	400	300	275	325	20.35	cps
Dysprosium	156-2	77	70	50	66	21.17	cps
Erbium	164-1	400	292	333	342	16.00	cps
Erbium	164-2	77	30	53	53	43.75	cps
Gadolinium	160-1	425	425	258	369	26.05	cps
Gadolinium	160-2	100	117	97	104	10.26	cps
Holmium	165-1	7898670	7924532	7839808	7887670	0.55	cps
Holmium	165-2	1516444	1509410	1501222	1509025	0.50	cps
Indium	115-1	6178675	6184550	6104366	6155864	0.73	cps
Indium	115-2	238984	234891	235398	236424	0.94	cps
Iron	56-2	211234	209195	208024	209484	0.78	cps
Iron	57-2	5801	5173	5457	5477	5.74	cps
Lead	206-1	18030	17802	17624	17819	1.14	cps
Lead	207-1	14937	14709	14720	14789	0.87	cps
Lead	208-1	69409	69649	68206	69088	1.12	cps
Lithium	6-1	976145	982092	995852	984696	1.03	cps
Magnesium	24-2	581210	574914	568637	574920	1.09	cps
Manganese	55-2	30016	30146	29374	29845	1.38	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:38:16 DataFile Name : 044SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	742	800	833	792	5.86	cps
Molybdenum	95-1	908	983	825	906	8.75	cps
Molybdenum	96-1	1058	875	858	931	11.93	cps
Molybdenum	97-1	500	508	633	547	13.65	cps
Molybdenum	98-1	1492	1417	1217	1375	10.34	cps
Neodymium	150-1	407	507	500	471	11.87	cps
Neodymium	150-2	63	60	57	60	5.55	cps
Nickel	60-2	503	540	443	496	9.85	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	20115	19231	18655	19333	3.80	cps
Rhodium	103-1	5592720	5622511	5588386	5601206	0.33	cps
Rhodium	103-2	1365567	1350876	1329843	1348762	1.33	cps
Scandium	45-1	3255970	3228862	3187079	3223970	1.08	cps
Scandium	45-2	23563	22622	22542	22909	2.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	38	5	-24	6	508.20	cps
Silicon	28-1	34626908	34087133	34162122	34292054	0.85	cps
Silver	109-1	808	992	1033	945	12.67	cps
Silver	107-1	825	1083	1083	997	14.96	cps
Sodium	23-2	1513679	1507370	1473406	1498152	1.45	cps
Strontium	86-1	326642	326464	325123	326076	0.25	cps
Strontium	88-1	2910300	2903563	2891577	2901813	0.33	cps
Sulfur	34-1	478628	475151	477289	477023	0.37	cps
Terbium	159-1	8278253	8216832	8154131	8216405	0.76	cps
Terbium	159-2	1486030	1473015	1461791	1473612	0.82	cps
Thallium	203-1	108	183	167	153	25.78	cps
Thallium	205-1	442	333	400	392	13.95	cps
Tin	118-1	1250	1167	1017	1145	10.33	cps
Titanium	47-1	3176	4176	14801	7384	87.25	cps
Uranium	238-1	12181	12966	12874	12674	3.38	cps
Vanadium	51-2	2010	1964	1907	1960	2.64	cps
Yttrium	89-1	6348696	6308986	6264231	6307304	0.67	cps
Yttrium	89-2	176311	173659	172792	174254	1.05	cps
Zinc	66-2	2560	2890	2607	2686	6.65	cps
Zirconium	90-1	875	692	1100	889	23.01	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-08	Instrumnet Name :	P8
Client Sample ID :	MBDXL5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:38:16	DataFile Name :	044SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	183	183	197	12.20	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:41:25 DataFile Name : 045SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	592	408	517	18.60	cps
Antimony	121-1	3692	3817	3959	3823	3.49	cps
Arsenic	75-2	70	65	52	62	15.24	cps
Barium	135-1	36510	37211	36972	36898	0.97	cps
Barium	137-1	64257	64157	64123	64179	0.11	cps
Beryllium	9-1	67	89	72	76	15.23	cps
Bismuth	209-1	5398638	5333122	5338087	5356616	0.68	cps
Bismuth	209-2	1230017	1218053	1203988	1217353	1.07	cps
Boron	10-1	14208	14633	14383	14408	1.48	cps
Boron	11-1	68531	68153	67091	67925	1.10	cps
Cadmium	111-1	913	776	888	859	8.45	cps
Cadmium	106-1	1175	1058	1183	1139	6.14	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	456647	456325	454515	455829	0.25	cps
Calcium	44-1	7536644	7557351	7432945	7508980	0.89	cps
Chromium	52-2	1077	1117	1023	1072	4.37	cps
Cobalt	59-2	370	327	290	329	12.18	cps
Copper	63-2	5224	5234	5198	5219	0.36	cps
Dysprosium	156-1	283	408	433	375	21.43	cps
Dysprosium	156-2	110	80	97	96	15.73	cps
Erbium	164-1	333	367	367	356	5.41	cps
Erbium	164-2	83	87	30	67	47.70	cps
Gadolinium	160-1	275	342	425	347	21.64	cps
Gadolinium	160-2	100	100	80	93	12.37	cps
Holmium	165-1	7929891	7841854	7826360	7866035	0.71	cps
Holmium	165-2	1517700	1500965	1483302	1500656	1.15	cps
Indium	115-1	6193940	6212296	6122574	6176270	0.77	cps
Indium	115-2	236689	233348	234152	234729	0.74	cps
Iron	56-2	244268	237612	236687	239522	1.73	cps
Iron	57-2	6368	6318	5963	6216	3.56	cps
Lead	206-1	7458	7158	7080	7232	2.76	cps
Lead	207-1	6002	6079	5974	6018	0.91	cps
Lead	208-1	28235	27852	28124	28070	0.70	cps
Lithium	6-1	980332	979287	974102	977907	0.34	cps
Magnesium	24-2	189269	183249	183597	185371	1.82	cps
Manganese	55-2	18038	18122	17671	17944	1.34	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:41:25 DataFile Name : 045SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2367	1875	1959	2067	12.73	cps
Molybdenum	95-1	2900	2517	2575	2664	7.75	cps
Molybdenum	96-1	3409	3050	3042	3167	6.61	cps
Molybdenum	97-1	1734	1700	1859	1764	4.73	cps
Molybdenum	98-1	3676	4468	4184	4109	9.77	cps
Neodymium	150-1	360	307	380	349	10.87	cps
Neodymium	150-2	50	37	60	49	23.94	cps
Nickel	60-2	490	450	523	488	7.53	cps
Phosphorus	31-2	58	8	25	31	83.33	cps
Potassium	39-2	38295	37234	35746	37092	3.45	cps
Rhodium	103-1	5655245	5643871	5611974	5637030	0.40	cps
Rhodium	103-2	1368103	1349378	1337716	1351732	1.13	cps
Scandium	45-1	3204171	3192200	3171665	3189345	0.52	cps
Scandium	45-2	22852	22712	22515	22693	0.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-71	0	-12	-28	-136.43	cps
Silicon	28-1	12072892	11759677	11690205	11840925	1.72	cps
Silver	109-1	950	942	1208	1033	14.67	cps
Silver	107-1	1075	1008	1067	1050	3.46	cps
Sodium	23-2	1737692	1699058	1691549	1709433	1.45	cps
Strontium	86-1	188433	188746	188550	188576	0.08	cps
Strontium	88-1	1707185	1674931	1680653	1687589	1.02	cps
Sulfur	34-1	395465	388718	392231	392138	0.86	cps
Terbium	159-1	8152482	8078975	8144552	8125336	0.50	cps
Terbium	159-2	1477818	1454888	1445933	1459546	1.13	cps
Thallium	203-1	83	125	67	92	32.78	cps
Thallium	205-1	250	208	208	222	10.83	cps
Tin	118-1	1233	1317	1408	1320	6.63	cps
Titanium	47-1	3384	3584	5957	4308	33.22	cps
Uranium	238-1	2367	2675	2517	2520	6.12	cps
Vanadium	51-2	1337	1183	1233	1251	6.25	cps
Yttrium	89-1	6285600	6330661	6252366	6289542	0.62	cps
Yttrium	89-2	173704	171484	171049	172079	0.83	cps
Zinc	66-2	2527	2547	2520	2531	0.55	cps
Zirconium	90-1	1417	1450	2076	1648	22.53	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-09	Instrumnet Name :	P8
Client Sample ID :	MBDY66	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:41:25	DataFile Name :	045SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	392	275	353	19.09	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:44:34 DataFile Name : 046SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	400	283	347	17.03	cps
Antimony	121-1	4284	4059	4434	4259	4.43	cps
Arsenic	75-2	57	56	54	56	3.34	cps
Barium	135-1	37045	35240	35624	35970	2.64	cps
Barium	137-1	64173	63487	62206	63288	1.58	cps
Beryllium	9-1	72	61	67	67	8.33	cps
Bismuth	209-1	5330129	5378986	5357544	5355553	0.46	cps
Bismuth	209-2	1226745	1122920	1217347	1189004	4.83	cps
Boron	10-1	11096	11330	12381	11602	5.90	cps
Boron	11-1	54530	54739	54178	54482	0.52	cps
Cadmium	111-1	782	873	875	843	6.28	cps
Cadmium	106-1	1008	1142	1192	1114	8.51	cps
Cadmium	108-1	4	8	25	13	88.19	cps
Calcium	43-1	493015	487488	483502	488002	0.98	cps
Calcium	44-1	8174718	8036558	7994923	8068733	1.17	cps
Chromium	52-2	1000	990	1060	1017	3.72	cps
Cobalt	59-2	300	253	290	281	8.74	cps
Copper	63-2	4944	4924	5104	4991	1.98	cps
Dysprosium	156-1	208	275	292	258	17.07	cps
Dysprosium	156-2	57	60	63	60	5.55	cps
Erbium	164-1	425	267	325	339	23.63	cps
Erbium	164-2	47	63	73	61	22.04	cps
Gadolinium	160-1	308	367	392	356	12.03	cps
Gadolinium	160-2	103	87	70	87	19.23	cps
Holmium	165-1	8025047	7925895	7934505	7961816	0.69	cps
Holmium	165-2	1507861	1395471	1493611	1465648	4.18	cps
Indium	115-1	6218705	6234220	6107385	6186770	1.12	cps
Indium	115-2	233422	214739	232603	226921	4.65	cps
Iron	56-2	265254	272149	263862	267088	1.66	cps
Iron	57-2	6874	6563	6674	6704	2.35	cps
Lead	206-1	5379	5535	5890	5601	4.68	cps
Lead	207-1	4868	4456	4745	4690	4.50	cps
Lead	208-1	21196	21597	22019	21604	1.90	cps
Lithium	6-1	982806	971809	979323	977979	0.57	cps
Magnesium	24-2	200671	197942	196539	198384	1.06	cps
Manganese	55-2	14708	14608	14534	14617	0.60	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:44:34 DataFile Name : 046SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1867	1959	1925	1917	2.42	cps
Molybdenum	95-1	2250	1950	2517	2239	12.66	cps
Molybdenum	96-1	2509	2634	2600	2581	2.51	cps
Molybdenum	97-1	1433	1300	1592	1442	10.13	cps
Molybdenum	98-1	3176	3334	3384	3298	3.30	cps
Neodymium	150-1	400	307	393	367	14.20	cps
Neodymium	150-2	37	27	30	31	16.37	cps
Nickel	60-2	397	460	453	437	7.97	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	35571	34661	34468	34900	1.69	cps
Rhodium	103-1	5679314	5712477	5619353	5670381	0.83	cps
Rhodium	103-2	1356572	1259261	1346795	1320876	4.06	cps
Scandium	45-1	3167895	3178557	3153984	3166812	0.39	cps
Scandium	45-2	22348	19938	21366	21217	5.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	4	19	13	12	63.82	cps
Silicon	28-1	13495297	13347377	13181697	13341457	1.18	cps
Silver	109-1	817	933	900	883	6.80	cps
Silver	107-1	783	933	1025	914	13.35	cps
Sodium	23-2	1741759	1731389	1727540	1733562	0.42	cps
Strontium	86-1	194981	188958	192546	192162	1.58	cps
Strontium	88-1	1749153	1753895	1733204	1745417	0.62	cps
Sulfur	34-1	398737	395111	392230	395359	0.82	cps
Terbium	159-1	8251407	8227321	8292845	8257191	0.40	cps
Terbium	159-2	1472171	1383333	1461212	1438905	3.37	cps
Thallium	203-1	117	75	92	94	22.21	cps
Thallium	205-1	167	200	192	186	9.32	cps
Tin	118-1	1133	1250	1083	1156	7.40	cps
Titanium	47-1	3092	3392	3218	3234	4.66	cps
Uranium	238-1	2509	2075	2275	2286	9.49	cps
Vanadium	51-2	1383	1503	1480	1456	4.37	cps
Yttrium	89-1	6283327	6224606	6273325	6260419	0.50	cps
Yttrium	89-2	171035	155201	169631	165289	5.30	cps
Zinc	66-2	2414	2347	2540	2434	4.04	cps
Zirconium	90-1	1675	2069	1600	1782	14.14	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10	Instrumnet Name :	P8
Client Sample ID :	MBDXL7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:44:34	DataFile Name :	046SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	333	333	331	1.46	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:47:43	DataFile Name :	047CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208781	207429	209312	208507	0.47	cps
Antimony	121-1	3836865	3789319	3797700	3807961	0.67	cps
Arsenic	75-2	36595	37378	37185	37053	1.10	cps
Barium	135-1	4119441	4094937	4110110	4108163	0.30	cps
Barium	137-1	7191087	7111410	7140981	7147826	0.56	cps
Beryllium	9-1	417639	413170	414607	415139	0.55	cps
Bismuth	209-1	4907758	4922056	4892818	4907544	0.30	cps
Bismuth	209-2	1147437	1145752	1148711	1147300	0.13	cps
Boron	10-1	48851	48642	50372	49288	1.92	cps
Boron	11-1	230285	234194	239046	234508	1.87	cps
Cadmium	111-1	786723	778986	779220	781643	0.56	cps
Cadmium	106-1	83106	81622	81370	82033	1.14	cps
Cadmium	108-1	55091	53794	54999	54628	1.32	cps
Calcium	43-1	3760269	3731795	3747409	3746491	0.38	cps
Calcium	44-1	61087720	61172874	61007974	61089523	0.13	cps
Chromium	52-2	295435	295613	295821	295623	0.07	cps
Cobalt	59-2	627641	627408	632555	629202	0.46	cps
Copper	63-2	1082096	1089546	1090730	1087457	0.43	cps
Dysprosium	156-1	92	167	67	108	48.04	cps
Dysprosium	156-2	30	27	20	26	19.92	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	117	108	108	111	4.33	cps
Gadolinium	160-2	27	7	0	11	124.89	cps
Holmium	165-1	7567362	7452121	7411299	7476927	1.08	cps
Holmium	165-2	1475474	1477788	1476052	1476438	0.08	cps
Indium	115-1	5734367	5671372	5681875	5695871	0.59	cps
Indium	115-2	221170	222342	221297	221603	0.29	cps
Iron	56-2	48455194	48358425	48513737	48442452	0.16	cps
Iron	57-2	1208345	1219058	1215288	1214230	0.45	cps
Lead	206-1	2606466	2582172	2565644	2584761	0.79	cps
Lead	207-1	2371536	2381767	2368939	2374080	0.29	cps
Lead	208-1	10579964	10544775	10474945	10533228	0.51	cps
Lithium	6-1	842016	843823	840709	842183	0.19	cps
Magnesium	24-2	5190679	5208959	5258983	5219540	0.68	cps
Manganese	55-2	163865	166252	164326	164814	0.77	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CCV040 Instrumnet Name : P8
 Client Sample ID : CCV040 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:47:43 DataFile Name : 047CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3022347	3016789	3006667	3015268	0.26	cps
Molybdenum	95-1	1608417	1593990	1604380	1602262	0.46	cps
Molybdenum	96-1	2119278	2124881	2111617	2118592	0.31	cps
Molybdenum	97-1	987652	982771	986834	985752	0.27	cps
Molybdenum	98-1	2620842	2621475	2651166	2631161	0.66	cps
Neodymium	150-1	253	213	180	216	17.03	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	185085	184177	187014	185425	0.78	cps
Phosphorus	31-2	2917	2725	2817	2820	3.40	cps
Potassium	39-2	1413819	1432531	1440418	1428923	0.96	cps
Rhodium	103-1	5156051	5130726	5167405	5151394	0.36	cps
Rhodium	103-2	1261941	1257649	1256778	1258790	0.22	cps
Scandium	45-1	3026166	3054282	3042747	3041065	0.46	cps
Scandium	45-2	22425	22064	22492	22327	1.03	cps
Selenium	77-2	237	270	233	247	8.22	cps
Selenium	78-2	861	894	841	865	3.13	cps
Selenium	82-1	48265	47991	48120	48125	0.29	cps
Silicon	28-1	1669198	1652549	1672208	1664652	0.64	cps
Silver	109-1	3692853	3657685	3695498	3682012	0.57	cps
Silver	107-1	3852738	3817340	3884954	3851677	0.88	cps
Sodium	23-2	11310394	11350735	11341425	11334185	0.19	cps
Strontium	86-1	1020791	1010629	1013293	1014904	0.52	cps
Strontium	88-1	8900921	8915127	8922147	8912731	0.12	cps
Sulfur	34-1	510462	508692	511763	510305	0.30	cps
Terbium	159-1	7921431	7802913	7883081	7869142	0.77	cps
Terbium	159-2	1428654	1425824	1429354	1427944	0.13	cps
Thallium	203-1	3222518	3173843	3177182	3191181	0.85	cps
Thallium	205-1	7487762	7431798	7441331	7453630	0.40	cps
Tin	118-1	2690395	2647662	2647391	2661816	0.93	cps
Titanium	47-1	381991	377039	379678	379569	0.65	cps
Uranium	238-1	10648317	10613802	10666086	10642735	0.25	cps
Vanadium	51-2	217585	218661	219069	218438	0.35	cps
Yttrium	89-1	5999896	5982300	6039654	6007283	0.49	cps
Yttrium	89-2	167364	168569	170354	168762	0.89	cps
Zinc	66-2	97805	97613	99319	98246	0.95	cps
Zirconium	90-1	5613608	5636937	5608383	5619643	0.27	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:47:43	DataFile Name :	047CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1244137	1241017	1240467	1241874	0.16	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	0	14	91.65	cps
Antimony	121-1	1742	1909	1775	1809	4.88	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	50	33	42	42	20.00	cps
Barium	137-1	75	100	75	83	17.33	cps
Beryllium	9-1	183	139	122	148	21.32	cps
Bismuth	209-1	5181657	5135862	5122596	5146705	0.60	cps
Bismuth	209-2	1202614	1212817	1218225	1211219	0.65	cps
Boron	10-1	2767	2300	2592	2553	9.24	cps
Boron	11-1	14066	12481	12748	13098	6.48	cps
Cadmium	111-1	931	869	825	875	6.06	cps
Cadmium	106-1	1242	1117	1075	1145	7.58	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	992	1050	1233	1092	11.55	cps
Calcium	44-1	14133	13232	13441	13602	3.47	cps
Chromium	52-2	570	517	523	537	5.41	cps
Cobalt	59-2	37	30	20	29	29.04	cps
Copper	63-2	167	217	187	190	13.25	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	7558252	7590219	7469852	7539441	0.83	cps
Holmium	165-2	1481677	1480305	1469854	1477279	0.44	cps
Indium	115-1	5922461	5954877	5879356	5918898	0.64	cps
Indium	115-2	233374	233987	230898	232753	0.70	cps
Iron	56-2	1622	1517	1489	1543	4.56	cps
Iron	57-2	28	39	50	39	28.57	cps
Lead	206-1	739	711	711	720	2.23	cps
Lead	207-1	656	756	806	739	10.34	cps
Lead	208-1	3050	2922	3128	3034	3.42	cps
Lithium	6-1	879070	876486	873497	876351	0.32	cps
Magnesium	24-2	158	183	100	147	29.04	cps
Manganese	55-2	20	20	17	19	10.18	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	325	275	303	8.41	cps
Molybdenum	95-1	92	117	133	114	18.41	cps
Molybdenum	96-1	208	175	183	189	9.18	cps
Molybdenum	97-1	133	83	75	97	32.45	cps
Molybdenum	98-1	167	200	167	178	10.82	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	73	93	71	32.92	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2134	2150	2192	2159	1.39	cps
Rhodium	103-1	5549162	5494863	5421402	5488476	1.17	cps
Rhodium	103-2	1352420	1351117	1344831	1349456	0.30	cps
Scandium	45-1	3075606	3087469	3083431	3082168	0.20	cps
Scandium	45-2	22401	22441	22251	22365	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	0	38	-70	-11	-510.81	cps
Silicon	28-1	300170	298176	296527	298291	0.61	cps
Silver	109-1	425	458	517	467	9.94	cps
Silver	107-1	500	508	433	481	8.55	cps
Sodium	23-2	6360	5801	5451	5871	7.81	cps
Strontium	86-1	567	458	517	514	10.55	cps
Strontium	88-1	392	333	325	350	10.38	cps
Sulfur	34-1	313600	312824	313625	313350	0.15	cps
Terbium	159-1	7811287	7874707	7848844	7844946	0.41	cps
Terbium	159-2	1446206	1428163	1438402	1437590	0.63	cps
Thallium	203-1	575	542	617	578	6.50	cps
Thallium	205-1	1417	1400	1058	1292	15.66	cps
Tin	118-1	608	575	742	642	13.74	cps
Titanium	47-1	150	75	75	100	43.31	cps
Uranium	238-1	158	125	133	139	12.49	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	6066803	6018333	6030111	6038416	0.42	cps
Yttrium	89-2	171815	171185	171292	171431	0.20	cps
Zinc	66-2	87	73	83	81	8.56	cps
Zirconium	90-1	667	842	633	714	15.68	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:50:45	DataFile Name :	048CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	183	200	178	14.32	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:53:56 DataFile Name : 049SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	525	425	464	11.55	cps
Antimony	121-1	5601	5560	5460	5540	1.31	cps
Arsenic	75-2	91	102	85	93	9.16	cps
Barium	135-1	38641	36903	36752	37432	2.80	cps
Barium	137-1	66635	63990	64634	65086	2.12	cps
Beryllium	9-1	100	78	72	83	17.63	cps
Bismuth	209-1	5565961	5571717	5400989	5512889	1.76	cps
Bismuth	209-2	1262964	1266840	1258912	1262905	0.31	cps
Boron	10-1	10988	11588	11246	11274	2.67	cps
Boron	11-1	52915	53743	54889	53849	1.84	cps
Cadmium	111-1	985	903	984	957	4.95	cps
Cadmium	106-1	1233	1108	1183	1175	5.35	cps
Cadmium	108-1	17	33	33	28	34.63	cps
Calcium	43-1	512628	510163	509728	510839	0.31	cps
Calcium	44-1	8492226	8355553	8512174	8453318	1.01	cps
Chromium	52-2	1083	1150	1013	1082	6.32	cps
Cobalt	59-2	353	337	277	322	12.51	cps
Copper	63-2	5331	5344	5198	5291	1.53	cps
Dysprosium	156-1	250	308	392	317	22.48	cps
Dysprosium	156-2	60	70	77	69	12.18	cps
Erbium	164-1	358	408	283	350	17.98	cps
Erbium	164-2	40	87	50	59	41.73	cps
Gadolinium	160-1	317	333	317	322	2.99	cps
Gadolinium	160-2	63	77	63	68	11.36	cps
Holmium	165-1	8306497	8204809	8169848	8227051	0.86	cps
Holmium	165-2	1601943	1622176	1585310	1603143	1.15	cps
Indium	115-1	6357641	6361797	6312446	6343962	0.43	cps
Indium	115-2	244647	244601	241394	243547	0.77	cps
Iron	56-2	279286	283343	280438	281022	0.74	cps
Iron	57-2	7263	7458	7013	7245	3.08	cps
Lead	206-1	5940	5835	5918	5898	0.94	cps
Lead	207-1	4929	5112	5173	5072	2.51	cps
Lead	208-1	23003	23181	22931	23038	0.56	cps
Lithium	6-1	946298	970154	947320	954591	1.41	cps
Magnesium	24-2	209342	210943	208252	209512	0.65	cps
Manganese	55-2	15352	15709	15469	15510	1.17	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 18:53:56 DataFile Name : 049SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1842	1884	1909	1878	1.79	cps
Molybdenum	95-1	2200	2475	1992	2223	10.91	cps
Molybdenum	96-1	2817	2734	2992	2848	4.63	cps
Molybdenum	97-1	1592	1358	1375	1442	9.03	cps
Molybdenum	98-1	3542	3759	3542	3615	3.46	cps
Neodymium	150-1	327	427	320	358	16.70	cps
Neodymium	150-2	57	30	37	41	33.76	cps
Nickel	60-2	473	493	403	457	10.35	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	37392	37768	37751	37637	0.56	cps
Rhodium	103-1	5913208	5803261	5771528	5829333	1.28	cps
Rhodium	103-2	1404276	1407330	1395263	1402290	0.45	cps
Scandium	45-1	3309540	3336405	3297569	3314505	0.60	cps
Scandium	45-2	23433	23887	23303	23541	1.30	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-19	-2	-6	-9	-103.05	cps
Silicon	28-1	14132325	14153466	13916885	14067558	0.93	cps
Silver	109-1	1342	1525	1567	1478	8.10	cps
Silver	107-1	1483	1375	1667	1508	9.77	cps
Sodium	23-2	1842657	1876258	1824792	1847903	1.41	cps
Strontium	86-1	204815	198439	198261	200505	1.86	cps
Strontium	88-1	1819812	1798710	1775964	1798162	1.22	cps
Sulfur	34-1	429850	426946	426343	427713	0.44	cps
Terbium	159-1	8581542	8555257	8453889	8530229	0.79	cps
Terbium	159-2	1549502	1565352	1519671	1544841	1.50	cps
Thallium	203-1	992	717	825	845	16.41	cps
Thallium	205-1	2275	2067	1809	2050	11.41	cps
Tin	118-1	1100	1392	1317	1270	11.93	cps
Titanium	47-1	3000	3409	3666	3359	9.99	cps
Uranium	238-1	2342	2417	2392	2384	1.60	cps
Vanadium	51-2	1510	1567	1517	1531	2.02	cps
Yttrium	89-1	6580341	6513004	6472290	6521878	0.84	cps
Yttrium	89-2	177763	181488	175751	178334	1.63	cps
Zinc	66-2	2794	2860	2434	2696	8.52	cps
Zirconium	90-1	1900	1859	1867	1875	1.17	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-11	Instrumnet Name :	P8
Client Sample ID :	MBDXL7D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 18:53:56	DataFile Name :	049SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	550	375	422	26.51	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LX5 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 18:57:05 DataFile Name : 050SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	92	67	37.50	cps
Antimony	121-1	1100	1308	1258	1222	8.90	cps
Arsenic	75-2	22	24	24	23	4.55	cps
Barium	135-1	7295	7202	7044	7180	1.77	cps
Barium	137-1	12198	12181	11881	12087	1.48	cps
Beryllium	9-1	78	78	89	81	7.87	cps
Bismuth	209-1	5234583	5251771	5240489	5242281	0.17	cps
Bismuth	209-2	1212127	1215584	1213525	1213746	0.14	cps
Boron	10-1	3426	3609	3492	3509	2.65	cps
Boron	11-1	15701	16235	16210	16048	1.88	cps
Cadmium	111-1	756	842	818	805	5.48	cps
Cadmium	106-1	1025	1167	1142	1111	6.81	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Calcium	43-1	93947	94274	94359	94193	0.23	cps
Calcium	44-1	1589433	1591659	1599867	1593653	0.34	cps
Chromium	52-2	650	683	647	660	3.07	cps
Cobalt	59-2	73	77	50	67	21.80	cps
Copper	63-2	1210	1113	1063	1129	6.60	cps
Dysprosium	156-1	67	67	67	67	0.00	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	42	42	92	58	49.48	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	75	125	67	89	35.50	cps
Gadolinium	160-2	30	23	7	20	60.08	cps
Holmium	165-1	7659769	7704267	7640429	7668155	0.43	cps
Holmium	165-2	1480377	1480803	1464045	1475075	0.65	cps
Indium	115-1	6085480	5910924	5962099	5986167	1.50	cps
Indium	115-2	235066	235976	232754	234599	0.71	cps
Iron	56-2	52153	52895	52600	52549	0.71	cps
Iron	57-2	1350	1456	1422	1409	3.83	cps
Lead	206-1	1489	1417	1528	1478	3.82	cps
Lead	207-1	1239	1317	1295	1283	3.12	cps
Lead	208-1	6156	5884	6162	6067	2.62	cps
Lithium	6-1	886188	912604	880587	893127	1.91	cps
Magnesium	24-2	39849	39681	39121	39550	0.96	cps
Manganese	55-2	2794	2724	2917	2811	3.48	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LX5 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 5
 Date & Time Acquired :: 2017-11-02 18:57:05 DataFile Name : 050SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	550	517	542	536	3.24	cps
Molybdenum	95-1	625	442	450	506	20.48	cps
Molybdenum	96-1	425	500	575	500	15.00	cps
Molybdenum	97-1	400	258	300	319	22.79	cps
Molybdenum	98-1	825	883	692	800	12.28	cps
Neodymium	150-1	60	60	33	51	30.13	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	180	157	137	158	13.74	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8511	8503	8328	8447	1.23	cps
Rhodium	103-1	5583787	5467750	5514690	5522076	1.06	cps
Rhodium	103-2	1342391	1340870	1340312	1341191	0.08	cps
Scandium	45-1	3113771	3117221	3100809	3110600	0.28	cps
Scandium	45-2	21844	22465	22224	22178	1.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-39	-31	-22	-31	-26.99	cps
Silicon	28-1	2848976	2865528	2867709	2860738	0.36	cps
Silver	109-1	467	600	583	550	13.21	cps
Silver	107-1	533	617	633	594	9.01	cps
Sodium	23-2	341413	342989	339070	341157	0.58	cps
Strontium	86-1	37219	36617	37319	37051	1.02	cps
Strontium	88-1	322566	320489	322644	321900	0.38	cps
Sulfur	34-1	332573	331768	330816	331719	0.27	cps
Terbium	159-1	7916726	8034609	7966590	7972642	0.74	cps
Terbium	159-2	1442019	1441921	1436548	1440163	0.22	cps
Thallium	203-1	142	125	125	131	7.37	cps
Thallium	205-1	250	300	317	289	12.01	cps
Tin	118-1	617	425	492	511	19.04	cps
Titanium	47-1	617	692	1327	878	44.40	cps
Uranium	238-1	300	542	433	425	28.48	cps
Vanadium	51-2	310	297	307	304	2.28	cps
Yttrium	89-1	6083654	6064129	6096369	6081384	0.27	cps
Yttrium	89-2	170043	171886	170246	170725	0.59	cps
Zinc	66-2	527	480	480	496	5.44	cps
Zirconium	90-1	675	783	533	664	18.88	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDXL7L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-02 18:57:05	DataFile Name :	050SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	158	142	125	35.28	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:00:15 DataFile Name : 051SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9304	9153	8987	9148	1.73	cps
Antimony	121-1	900356	895544	895579	897160	0.31	cps
Arsenic	75-2	3488	3454	3402	3448	1.25	cps
Barium	135-1	3956923	3920923	3937814	3938553	0.46	cps
Barium	137-1	6833544	6822900	6789778	6815408	0.33	cps
Beryllium	9-1	50193	49341	50099	49878	0.94	cps
Bismuth	209-1	5541435	5512025	5476389	5509950	0.59	cps
Bismuth	209-2	1243571	1249041	1240927	1244513	0.33	cps
Boron	10-1	11030	10313	11080	10807	3.97	cps
Boron	11-1	49921	49954	50557	50144	0.71	cps
Cadmium	111-1	95170	95233	94505	94970	0.42	cps
Cadmium	106-1	9104	9671	9420	9398	3.02	cps
Cadmium	108-1	5868	5968	6014	5950	1.25	cps
Calcium	43-1	501310	499046	495559	498638	0.58	cps
Calcium	44-1	8239925	8247317	8166363	8217868	0.54	cps
Chromium	52-2	133974	134102	132664	133580	0.60	cps
Cobalt	59-2	745816	746082	742116	744671	0.30	cps
Copper	63-2	335505	334916	332905	334442	0.41	cps
Dysprosium	156-1	300	192	317	269	25.19	cps
Dysprosium	156-2	70	37	63	57	31.12	cps
Erbium	164-1	317	317	350	328	5.87	cps
Erbium	164-2	60	63	67	63	5.27	cps
Gadolinium	160-1	375	317	350	347	8.43	cps
Gadolinium	160-2	57	93	90	80	25.34	cps
Holmium	165-1	8126894	8208506	8126777	8154059	0.58	cps
Holmium	165-2	1535736	1591227	1535988	1554317	2.06	cps
Indium	115-1	6279718	6304139	6275240	6286365	0.25	cps
Indium	115-2	238436	236523	236899	237286	0.43	cps
Iron	56-2	727303	726894	726842	727013	0.03	cps
Iron	57-2	18613	19247	18663	18841	1.87	cps
Lead	206-1	127629	123939	124774	125447	1.54	cps
Lead	207-1	115038	113105	113319	113821	0.93	cps
Lead	208-1	517690	508385	507772	511282	1.09	cps
Lithium	6-1	977837	979499	983954	980430	0.32	cps
Magnesium	24-2	203333	199482	203917	202244	1.19	cps
Manganese	55-2	108218	107792	108057	108022	0.20	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:00:15 DataFile Name : 051SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1984	2492	2184	2220	11.54	cps
Molybdenum	95-1	2575	2475	2325	2459	5.12	cps
Molybdenum	96-1	2834	2750	2709	2764	2.30	cps
Molybdenum	97-1	1317	1508	1592	1472	9.58	cps
Molybdenum	98-1	3767	3776	3634	3726	2.13	cps
Neodymium	150-1	340	427	493	420	18.31	cps
Neodymium	150-2	33	30	53	39	32.45	cps
Nickel	60-2	221654	219543	218727	219974	0.69	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	36315	36131	34619	35688	2.61	cps
Rhodium	103-1	5752356	5785530	5719447	5752444	0.57	cps
Rhodium	103-2	1378330	1386342	1372547	1379073	0.50	cps
Scandium	45-1	3255962	3258841	3217066	3243956	0.72	cps
Scandium	45-2	22946	22952	22251	22716	1.77	cps
Selenium	77-2	67	37	60	54	28.93	cps
Selenium	78-2	189	213	191	198	6.78	cps
Selenium	82-1	11577	11509	11348	11478	1.02	cps
Silicon	28-1	13820591	13836215	13740079	13798962	0.37	cps
Silver	109-1	461166	458142	458930	459413	0.34	cps
Silver	107-1	486061	484054	478983	483033	0.76	cps
Sodium	23-2	1781366	1755913	1751621	1762966	0.91	cps
Strontium	86-1	200002	199853	200772	200209	0.25	cps
Strontium	88-1	1803118	1796051	1754950	1784706	1.46	cps
Sulfur	34-1	408733	406697	403112	406181	0.70	cps
Terbium	159-1	8510891	8505741	8446868	8487833	0.42	cps
Terbium	159-2	1540188	1497626	1499160	1512325	1.60	cps
Thallium	203-1	377456	375209	371076	374580	0.86	cps
Thallium	205-1	909643	897888	894317	900616	0.89	cps
Tin	118-1	1492	1517	1308	1439	7.91	cps
Titanium	47-1	3018	4002	3452	3490	14.13	cps
Uranium	238-1	2467	2600	2450	2506	3.28	cps
Vanadium	51-2	247721	247970	246687	247459	0.28	cps
Yttrium	89-1	6484919	6463473	6368088	6438827	0.97	cps
Yttrium	89-2	174086	175373	173922	174460	0.46	cps
Zinc	66-2	60973	62246	61529	61583	1.04	cps
Zirconium	90-1	2117	1942	1775	1945	8.79	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-12	Instrumnet Name :	P8
Client Sample ID :	MBDXL7S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:00:15	DataFile Name :	051SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	525	583	617	18.20	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:03:24 DataFile Name : 052SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	92	86	11.18	cps
Antimony	121-1	350	292	317	319	9.16	cps
Arsenic	75-2	0	7	2	3	124.95	cps
Barium	135-1	417	417	367	400	7.22	cps
Barium	137-1	475	625	442	514	19.00	cps
Beryllium	9-1	72	61	67	67	8.33	cps
Bismuth	209-1	5576865	5520063	5514433	5537120	0.62	cps
Bismuth	209-2	1283408	1278180	1195536	1252375	3.94	cps
Boron	10-1	1075	1058	1133	1089	3.62	cps
Boron	11-1	5301	5751	5543	5532	4.07	cps
Cadmium	111-1	912	850	818	860	5.56	cps
Cadmium	106-1	1233	1183	1125	1181	4.59	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	1100	1167	1067	1111	4.58	cps
Calcium	44-1	16168	16619	16535	16441	1.46	cps
Chromium	52-2	563	533	480	526	8.03	cps
Cobalt	59-2	43	43	43	43	0.00	cps
Copper	63-2	237	287	257	260	9.68	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	8127182	8086765	8051281	8088410	0.47	cps
Holmium	165-2	1621448	1582559	1495002	1566337	4.13	cps
Indium	115-1	6345119	6282206	6268460	6298595	0.65	cps
Indium	115-2	246099	245176	225688	238988	4.82	cps
Iron	56-2	3345	3073	3167	3195	4.33	cps
Iron	57-2	56	50	111	72	46.79	cps
Lead	206-1	845	939	961	915	6.77	cps
Lead	207-1	845	889	744	826	8.96	cps
Lead	208-1	3689	3767	3545	3667	3.08	cps
Lithium	6-1	955030	946112	952254	951132	0.48	cps
Magnesium	24-2	83	233	183	167	45.83	cps
Manganese	55-2	107	87	83	92	13.68	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:03:24 DataFile Name : 052SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	167	108	131	24.16	cps
Molybdenum	95-1	25	42	8	25	66.68	cps
Molybdenum	96-1	92	83	83	86	5.58	cps
Molybdenum	97-1	42	25	83	50	60.09	cps
Molybdenum	98-1	42	58	75	58	28.57	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	97	123	123	21.62	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1900	1984	1767	1884	5.80	cps
Rhodium	103-1	5850478	5911236	5816956	5859556	0.82	cps
Rhodium	103-2	1417704	1409137	1333312	1386718	3.35	cps
Scandium	45-1	3295243	3230230	3258363	3261279	1.00	cps
Scandium	45-2	23246	22912	21520	22559	4.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	17	-105	0	-29	-226.10	cps
Silicon	28-1	277760	271196	282640	277199	2.07	cps
Silver	109-1	358	367	400	375	5.88	cps
Silver	107-1	292	250	408	317	25.92	cps
Sodium	23-2	4476	5260	5176	4971	8.66	cps
Strontium	86-1	517	542	633	564	10.89	cps
Strontium	88-1	1242	1442	1392	1358	7.66	cps
Sulfur	34-1	288668	289074	286842	288195	0.41	cps
Terbium	159-1	8466841	8390850	8291914	8383202	1.05	cps
Terbium	159-2	1514437	1508173	1436939	1486516	2.90	cps
Thallium	203-1	100	108	75	94	18.37	cps
Thallium	205-1	233	158	283	225	27.96	cps
Tin	118-1	283	325	250	286	13.13	cps
Titanium	47-1	142	200	200	181	18.66	cps
Uranium	238-1	75	108	50	78	37.63	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	6430315	6373925	6336306	6380182	0.74	cps
Yttrium	89-2	181136	177206	167201	175181	4.10	cps
Zinc	66-2	253	227	260	247	7.15	cps
Zirconium	90-1	367	425	467	419	11.98	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-16	Instrumnet Name :	P8
Client Sample ID :	MBDY26	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:03:24	DataFile Name :	052SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	58	100	78	26.96	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : CCV041 Instrumnet Name : P8
 Client Sample ID : CCV041 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-02 19:06:33 DataFile Name : 053CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206135	205204	208984	206774	0.95	cps
Antimony	121-1	3772122	3772599	3713882	3752868	0.90	cps
Arsenic	75-2	36364	36558	36697	36540	0.46	cps
Barium	135-1	3985134	4024811	3985311	3998419	0.57	cps
Barium	137-1	6937005	6955880	6938968	6943951	0.15	cps
Beryllium	9-1	405809	408436	408588	407611	0.38	cps
Bismuth	209-1	4773079	4830042	4794738	4799286	0.60	cps
Bismuth	209-2	1110903	1119161	1107049	1112371	0.56	cps
Boron	10-1	45841	47864	49194	47633	3.55	cps
Boron	11-1	221273	225216	228288	224925	1.56	cps
Cadmium	111-1	758629	761575	760387	760197	0.20	cps
Cadmium	106-1	77531	78881	78377	78263	0.87	cps
Cadmium	108-1	53456	53013	53556	53342	0.54	cps
Calcium	43-1	3681584	3692598	3668906	3681029	0.32	cps
Calcium	44-1	59935089	60577870	60038433	60183797	0.57	cps
Chromium	52-2	288502	290416	291138	290019	0.47	cps
Cobalt	59-2	621173	617707	617721	618867	0.32	cps
Copper	63-2	1070927	1066392	1069763	1069028	0.22	cps
Dysprosium	156-1	167	92	100	119	34.42	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	42	8	67	39	75.26	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	13	23	27	21	32.88	cps
Holmium	165-1	7369699	7278774	7318903	7322458	0.62	cps
Holmium	165-2	1435158	1457418	1428424	1440333	1.05	cps
Indium	115-1	5558775	5521321	5548716	5542937	0.35	cps
Indium	115-2	218563	219024	217803	218463	0.28	cps
Iron	56-2	47705673	47713547	47498677	47639299	0.26	cps
Iron	57-2	1201361	1194860	1195136	1197119	0.31	cps
Lead	206-1	2558822	2511784	2489723	2520110	1.40	cps
Lead	207-1	2323373	2318299	2314305	2318659	0.20	cps
Lead	208-1	10365429	10349766	10279302	10331499	0.44	cps
Lithium	6-1	822471	830983	829284	827579	0.54	cps
Magnesium	24-2	5142151	5168727	5133514	5148131	0.36	cps
Manganese	55-2	162149	162182	162280	162203	0.04	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:06:33	DataFile Name :	053CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2899565	2973761	2949029	2940785	1.28	cps
Molybdenum	95-1	1546015	1597029	1572992	1572012	1.62	cps
Molybdenum	96-1	2067591	2063015	2078459	2069688	0.38	cps
Molybdenum	97-1	948090	957169	957072	954110	0.55	cps
Molybdenum	98-1	2533064	2554336	2591628	2559676	1.16	cps
Neodymium	150-1	253	207	167	209	20.77	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	180982	181026	180739	180916	0.09	cps
Phosphorus	31-2	2884	2784	2842	2837	1.77	cps
Potassium	39-2	1379566	1424470	1407076	1403704	1.61	cps
Rhodium	103-1	4966634	4999021	5013053	4992902	0.48	cps
Rhodium	103-2	1233466	1238881	1223113	1231820	0.65	cps
Scandium	45-1	2978364	3015185	3003558	2999036	0.63	cps
Scandium	45-2	22325	22258	22211	22265	0.26	cps
Selenium	77-2	250	220	230	233	6.55	cps
Selenium	78-2	837	848	867	851	1.76	cps
Selenium	82-1	46525	46611	46183	46440	0.49	cps
Silicon	28-1	1619308	1625916	1633274	1626166	0.43	cps
Silver	109-1	3570671	3596992	3560315	3575993	0.53	cps
Silver	107-1	3758809	3777766	3789925	3775500	0.42	cps
Sodium	23-2	11182961	11275711	11326574	11261749	0.65	cps
Strontium	86-1	977381	993795	990470	987215	0.88	cps
Strontium	88-1	8606819	8693659	8624691	8641723	0.53	cps
Sulfur	34-1	501793	503337	503234	502788	0.17	cps
Terbium	159-1	7577498	7617423	7652315	7615745	0.49	cps
Terbium	159-2	1398049	1404480	1386035	1396188	0.67	cps
Thallium	203-1	3106047	3119561	3109454	3111687	0.23	cps
Thallium	205-1	7230153	7352923	7311113	7298063	0.86	cps
Tin	118-1	2590675	2629472	2571349	2597165	1.14	cps
Titanium	47-1	373951	375289	371770	373670	0.48	cps
Uranium	238-1	10378786	10446936	10462164	10429295	0.43	cps
Vanadium	51-2	215984	215671	213640	215098	0.59	cps
Yttrium	89-1	5785599	5885941	5880629	5850723	0.97	cps
Yttrium	89-2	166196	166373	165255	165941	0.36	cps
Zinc	66-2	97362	96932	96650	96981	0.37	cps
Zirconium	90-1	5459623	5499814	5526439	5495292	0.61	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:06:33	DataFile Name :	053CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1207587	1209460	1216735	1211261	0.40	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:09:36	DataFile Name :	054CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.63	cps
Antimony	121-1	1650	2117	1750	1839	13.36	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	58	25	8	31	83.33	cps
Barium	137-1	67	75	92	78	16.37	cps
Beryllium	9-1	144	161	217	174	21.73	cps
Bismuth	209-1	5017395	5016215	5086398	5040003	0.80	cps
Bismuth	209-2	1187379	1184651	1182024	1184685	0.23	cps
Boron	10-1	2125	2067	2250	2147	4.36	cps
Boron	11-1	10829	9612	9187	9876	8.63	cps
Cadmium	111-1	865	849	819	844	2.80	cps
Cadmium	106-1	1183	1100	1108	1131	4.06	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	1008	1125	1033	1056	5.82	cps
Calcium	44-1	13424	12773	13007	13068	2.52	cps
Chromium	52-2	593	493	550	546	9.19	cps
Cobalt	59-2	33	23	20	26	27.15	cps
Copper	63-2	230	143	190	188	23.10	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	92	42	25	53	65.74	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	7290559	7297485	7351350	7313131	0.46	cps
Holmium	165-2	1441605	1432306	1437530	1437147	0.32	cps
Indium	115-1	5761336	5730684	5672134	5721385	0.79	cps
Indium	115-2	230622	227946	228385	228984	0.63	cps
Iron	56-2	1595	1767	1650	1671	5.26	cps
Iron	57-2	50	11	17	26	81.12	cps
Lead	206-1	722	761	817	767	6.19	cps
Lead	207-1	583	617	728	643	11.77	cps
Lead	208-1	3067	3028	3128	3074	1.64	cps
Lithium	6-1	854981	865614	856322	858972	0.67	cps
Magnesium	24-2	133	167	200	167	20.00	cps
Manganese	55-2	10	7	3	7	50.03	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:09:36	DataFile Name :	054CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	342	400	353	12.12	cps
Molybdenum	95-1	83	133	108	108	23.08	cps
Molybdenum	96-1	208	242	200	217	10.18	cps
Molybdenum	97-1	92	67	133	97	34.64	cps
Molybdenum	98-1	192	108	208	169	31.62	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	103	63	84	23.80	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	2092	2209	2175	2159	2.78	cps
Rhodium	103-1	5315022	5340194	5344599	5333272	0.30	cps
Rhodium	103-2	1310067	1309277	1304894	1308080	0.21	cps
Scandium	45-1	3023472	3013414	3016990	3017959	0.17	cps
Scandium	45-2	22485	21884	22064	22144	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-62	-87	-1	-50	-89.30	cps
Silicon	28-1	292076	290506	293567	292049	0.52	cps
Silver	109-1	392	358	483	411	15.75	cps
Silver	107-1	408	358	358	375	7.70	cps
Sodium	23-2	6052	6185	5676	5971	4.42	cps
Strontium	86-1	575	300	450	442	31.18	cps
Strontium	88-1	233	317	308	286	16.04	cps
Sulfur	34-1	308106	309309	309128	308848	0.21	cps
Terbium	159-1	7630862	7642101	7597873	7623612	0.30	cps
Terbium	159-2	1400440	1392935	1392488	1395288	0.32	cps
Thallium	203-1	808	567	583	653	20.68	cps
Thallium	205-1	1709	1583	1717	1670	4.47	cps
Tin	118-1	725	608	775	703	12.17	cps
Titanium	47-1	133	75	192	133	43.75	cps
Uranium	238-1	125	83	100	103	20.40	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	5829073	5827191	5827230	5827831	0.02	cps
Yttrium	89-2	169169	167762	165656	167529	1.06	cps
Zinc	66-2	83	87	70	80	11.03	cps
Zirconium	90-1	633	642	783	686	12.29	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:09:36	DataFile Name :	054CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	183	167	164	12.80	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:12:48 DataFile Name : 055SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	33	17	86.62	cps
Antimony	121-1	725	842	692	753	10.46	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	158	125	158	147	13.07	cps
Barium	137-1	242	217	208	222	7.81	cps
Beryllium	9-1	106	94	144	115	22.87	cps
Bismuth	209-1	5114787	5137146	5099240	5117058	0.37	cps
Bismuth	209-2	1128913	1166369	1208339	1167874	3.40	cps
Boron	10-1	1467	1325	1192	1328	10.36	cps
Boron	11-1	6902	6210	6602	6571	5.28	cps
Cadmium	111-1	888	856	833	859	3.19	cps
Cadmium	106-1	1233	1183	1142	1186	3.87	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	967	1067	1217	1083	11.62	cps
Calcium	44-1	13465	13649	12831	13315	3.22	cps
Chromium	52-2	623	537	593	584	7.53	cps
Cobalt	59-2	40	23	33	32	26.04	cps
Copper	63-2	173	167	177	172	2.96	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	7551134	7458078	7447336	7485516	0.76	cps
Holmium	165-2	1383925	1423834	1473577	1427112	3.15	cps
Indium	115-1	5886007	5908531	5922589	5905709	0.31	cps
Indium	115-2	219016	224955	234986	226319	3.57	cps
Iron	56-2	2539	2534	2395	2489	3.29	cps
Iron	57-2	44	72	61	59	23.59	cps
Lead	206-1	917	856	822	865	5.54	cps
Lead	207-1	789	650	789	743	10.80	cps
Lead	208-1	3573	3295	3489	3452	4.13	cps
Lithium	6-1	878705	874887	887277	880290	0.72	cps
Magnesium	24-2	92	108	58	86	29.56	cps
Manganese	55-2	30	27	33	30	11.10	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-04DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY25 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:12:48 DataFile Name : 055SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	133	317	222	41.31	cps
Molybdenum	95-1	33	83	33	50	57.75	cps
Molybdenum	96-1	133	108	117	119	10.66	cps
Molybdenum	97-1	83	75	125	94	28.37	cps
Molybdenum	98-1	92	58	50	67	33.07	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	60	87	68	24.26	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1950	2017	2050	2006	2.54	cps
Rhodium	103-1	5528344	5510112	5461526	5499994	0.63	cps
Rhodium	103-2	1266053	1294450	1345311	1301938	3.08	cps
Scandium	45-1	3108566	3099860	3084396	3097607	0.40	cps
Scandium	45-2	21540	21029	22358	21643	3.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-80	-35	5	-36	-117.28	cps
Silicon	28-1	301684	300537	298673	300298	0.51	cps
Silver	109-1	250	250	275	258	5.59	cps
Silver	107-1	225	233	292	250	14.53	cps
Sodium	23-2	5385	5735	5293	5471	4.26	cps
Strontium	86-1	400	450	458	436	7.24	cps
Strontium	88-1	367	367	525	419	21.79	cps
Sulfur	34-1	316098	321644	316874	318205	0.94	cps
Terbium	159-1	7836473	7829653	7848854	7838327	0.12	cps
Terbium	159-2	1338410	1379094	1434252	1383919	3.48	cps
Thallium	203-1	367	358	333	353	4.92	cps
Thallium	205-1	808	817	742	789	5.21	cps
Tin	118-1	608	650	583	614	5.49	cps
Titanium	47-1	192	142	150	161	16.63	cps
Uranium	238-1	42	25	67	44	47.19	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Yttrium	89-1	6005322	6065246	6040543	6037037	0.50	cps
Yttrium	89-2	159764	164959	169365	164696	2.92	cps
Zinc	66-2	187	123	180	163	21.31	cps
Zirconium	90-1	467	467	583	506	13.32	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY25	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:12:48	DataFile Name :	055SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	150	83	114	29.57	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:15:59 DataFile Name : 056SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	67	36	74.18	cps
Antimony	121-1	483	500	683	556	19.98	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	1467	1750	1784	1667	10.44	cps
Barium	137-1	3142	3025	2875	3014	4.44	cps
Beryllium	9-1	106	83	111	100	14.70	cps
Bismuth	209-1	5161018	5148256	5151215	5153496	0.13	cps
Bismuth	209-2	1217305	1209856	1213144	1213435	0.31	cps
Boron	10-1	1550	1233	1617	1467	13.96	cps
Boron	11-1	6518	7486	7494	7166	7.83	cps
Cadmium	111-1	766	795	791	784	2.01	cps
Cadmium	106-1	1058	1108	1075	1081	2.36	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Calcium	43-1	23145	23671	23821	23546	1.51	cps
Calcium	44-1	388166	393212	387171	389516	0.83	cps
Chromium	52-2	627	647	573	616	6.16	cps
Cobalt	59-2	17	40	23	27	45.07	cps
Copper	63-2	360	393	347	367	6.56	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	100	25	42	56	70.88	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	7589537	7523088	7533467	7548697	0.47	cps
Holmium	165-2	1494759	1474865	1473138	1480921	0.81	cps
Indium	115-1	5931837	5960011	5917804	5936551	0.36	cps
Indium	115-2	235398	235264	235826	235496	0.12	cps
Iron	56-2	13290	14870	13690	13950	5.89	cps
Iron	57-2	356	344	444	381	14.37	cps
Lead	206-1	1022	1045	1067	1045	2.13	cps
Lead	207-1	928	850	889	889	4.38	cps
Lead	208-1	3884	4067	4284	4078	4.91	cps
Lithium	6-1	882940	887454	869343	879912	1.07	cps
Magnesium	24-2	9620	9704	10346	9890	4.01	cps
Manganese	55-2	823	863	683	790	11.96	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-05DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXK9 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:15:59 DataFile Name : 056SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	233	275	264	10.15	cps
Molybdenum	95-1	108	158	83	117	32.73	cps
Molybdenum	96-1	158	150	125	144	12.01	cps
Molybdenum	97-1	83	75	100	86	14.79	cps
Molybdenum	98-1	275	150	225	217	29.04	cps
Neodymium	150-1	33	7	40	27	66.13	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	87	73	87	15.39	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3692	3742	3659	3698	1.13	cps
Rhodium	103-1	5485124	5501046	5456886	5481019	0.41	cps
Rhodium	103-2	1364095	1349397	1352744	1355412	0.57	cps
Scandium	45-1	3076018	3114963	3125298	3105426	0.84	cps
Scandium	45-2	23076	23239	22421	22912	1.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	23	12	7	14	60.64	cps
Silicon	28-1	980811	998120	953961	977631	2.28	cps
Silver	109-1	350	217	267	278	24.25	cps
Silver	107-1	233	208	225	222	5.73	cps
Sodium	23-2	90168	90017	89490	89892	0.40	cps
Strontium	86-1	9270	9128	9646	9348	2.86	cps
Strontium	88-1	79540	77990	78123	78551	1.09	cps
Sulfur	34-1	329955	328189	324891	327678	0.78	cps
Terbium	159-1	7822516	7828733	7770474	7807241	0.41	cps
Terbium	159-2	1442255	1435302	1438445	1438667	0.24	cps
Thallium	203-1	300	208	250	253	18.16	cps
Thallium	205-1	500	458	450	469	5.71	cps
Tin	118-1	458	475	400	444	8.86	cps
Titanium	47-1	458	225	1019	568	71.93	cps
Uranium	238-1	142	192	175	169	15.03	cps
Vanadium	51-2	57	60	100	72	33.39	cps
Yttrium	89-1	6071341	6111243	6031114	6071233	0.66	cps
Yttrium	89-2	172341	171886	173294	172507	0.42	cps
Zinc	66-2	173	190	143	169	14.00	cps
Zirconium	90-1	525	475	508	503	5.06	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXK9	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:15:59	DataFile Name :	056SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	100	108	7.69	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:19:10 DataFile Name : 057SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	558	583	619	13.74	cps
Antimony	121-1	425	567	442	478	16.21	cps
Arsenic	75-2	24	17	20	20	18.16	cps
Barium	135-1	6352	6060	6794	6402	5.77	cps
Barium	137-1	10054	10980	10955	10663	4.95	cps
Beryllium	9-1	78	56	72	69	16.88	cps
Bismuth	209-1	5187619	5103230	5134921	5141923	0.83	cps
Bismuth	209-2	1226709	1213749	1214189	1218216	0.60	cps
Boron	10-1	5776	6002	5760	5846	2.31	cps
Boron	11-1	26033	26575	27310	26639	2.41	cps
Cadmium	111-1	1033	891	862	929	9.87	cps
Cadmium	106-1	1425	1208	1108	1247	12.98	cps
Cadmium	108-1	21	25	8	18	48.05	cps
Calcium	43-1	58673	59260	57502	58478	1.53	cps
Calcium	44-1	967477	961857	972911	967415	0.57	cps
Chromium	52-2	913	997	940	950	4.48	cps
Cobalt	59-2	297	297	280	291	3.31	cps
Copper	63-2	1643	1640	1563	1616	2.80	cps
Dysprosium	156-1	450	475	483	469	3.70	cps
Dysprosium	156-2	100	150	100	117	24.74	cps
Erbium	164-1	475	425	483	461	6.84	cps
Erbium	164-2	87	147	90	108	31.29	cps
Gadolinium	160-1	467	492	367	442	14.98	cps
Gadolinium	160-2	137	103	87	109	23.38	cps
Holmium	165-1	7574054	7461583	7565594	7533744	0.83	cps
Holmium	165-2	1485525	1483102	1480836	1483155	0.16	cps
Indium	115-1	5986963	5959497	5927104	5957855	0.50	cps
Indium	115-2	236114	234910	234625	235216	0.34	cps
Iron	56-2	238332	238866	236307	237835	0.57	cps
Iron	57-2	6168	6129	5946	6081	1.95	cps
Lead	206-1	15471	16183	15271	15642	3.07	cps
Lead	207-1	12696	12963	13319	12992	2.41	cps
Lead	208-1	60458	62334	60647	61146	1.69	cps
Lithium	6-1	871296	869934	870998	870743	0.08	cps
Magnesium	24-2	27277	25607	25975	26286	3.34	cps
Manganese	55-2	5408	5658	5751	5606	3.17	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-06DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL0 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:19:10 DataFile Name : 057SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	283	233	292	21.57	cps
Molybdenum	95-1	83	58	58	67	21.65	cps
Molybdenum	96-1	258	175	175	203	23.73	cps
Molybdenum	97-1	133	100	142	125	17.64	cps
Molybdenum	98-1	142	142	108	131	14.74	cps
Neodymium	150-1	647	587	467	567	16.17	cps
Neodymium	150-2	77	80	37	64	37.42	cps
Nickel	60-2	187	207	197	197	5.08	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3401	3192	3201	3264	3.62	cps
Rhodium	103-1	5494833	5490775	5442578	5476062	0.53	cps
Rhodium	103-2	1356596	1347736	1342155	1348829	0.54	cps
Scandium	45-1	3111916	3096586	3131326	3113276	0.56	cps
Scandium	45-2	22932	23249	22739	22973	1.12	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-73	-10	13	-23	-189.76	cps
Silicon	28-1	2661822	2169516	2208907	2346748	11.66	cps
Silver	109-1	617	375	442	478	26.13	cps
Silver	107-1	608	475	492	525	13.84	cps
Sodium	23-2	78928	78417	78198	78514	0.48	cps
Strontium	86-1	14942	14992	15309	15081	1.32	cps
Strontium	88-1	129190	129805	128425	129140	0.54	cps
Sulfur	34-1	328796	333221	331753	331257	0.68	cps
Terbium	159-1	7938021	7922668	7879105	7913265	0.39	cps
Terbium	159-2	1444607	1446506	1434299	1441804	0.46	cps
Thallium	203-1	233	217	242	231	5.52	cps
Thallium	205-1	525	458	558	514	9.91	cps
Tin	118-1	583	625	617	608	3.62	cps
Titanium	47-1	2800	2834	2800	2812	0.68	cps
Uranium	238-1	917	875	958	917	4.55	cps
Vanadium	51-2	550	610	573	578	5.24	cps
Yttrium	89-1	6107861	6057155	6020941	6061986	0.72	cps
Yttrium	89-2	174545	171592	171964	172700	0.93	cps
Zinc	66-2	800	813	837	817	2.27	cps
Zirconium	90-1	667	825	575	689	18.36	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL0	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:19:10	DataFile Name :	057SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	100	175	131	30.16	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:22:21 DataFile Name : 058SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	75	53	39.74	cps
Antimony	121-1	417	333	392	381	11.24	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	1525	1609	1392	1508	7.25	cps
Barium	137-1	2775	2825	2525	2709	5.94	cps
Beryllium	9-1	100	78	50	76	32.99	cps
Bismuth	209-1	5184042	5139061	5113067	5145390	0.70	cps
Bismuth	209-2	1223741	1223355	1217499	1221532	0.29	cps
Boron	10-1	1508	1308	1550	1456	8.88	cps
Boron	11-1	7244	6685	7627	7185	6.59	cps
Cadmium	111-1	628	738	743	703	9.25	cps
Cadmium	106-1	867	1050	1033	983	10.31	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	20749	20432	21325	20836	2.17	cps
Calcium	44-1	338155	340961	337465	338860	0.55	cps
Chromium	52-2	653	657	610	640	4.07	cps
Cobalt	59-2	43	43	23	37	31.49	cps
Copper	63-2	397	370	353	373	5.86	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	7576985	7488318	7535917	7533740	0.59	cps
Holmium	165-2	1497282	1496470	1491823	1495192	0.20	cps
Indium	115-1	6010038	5919858	5970149	5966682	0.76	cps
Indium	115-2	240890	237547	239503	239313	0.70	cps
Iron	56-2	11005	10532	10560	10699	2.48	cps
Iron	57-2	278	272	344	298	13.48	cps
Lead	206-1	928	939	989	952	3.42	cps
Lead	207-1	750	800	878	809	7.96	cps
Lead	208-1	3867	3745	4089	3900	4.48	cps
Lithium	6-1	863899	873477	866235	867870	0.58	cps
Magnesium	24-2	8361	8803	8478	8547	2.68	cps
Manganese	55-2	870	850	773	831	6.14	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-07DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL1 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:22:21 DataFile Name : 058SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	192	267	222	17.72	cps
Molybdenum	95-1	108	75	125	103	24.77	cps
Molybdenum	96-1	233	175	233	214	15.75	cps
Molybdenum	97-1	92	100	58	83	26.45	cps
Molybdenum	98-1	192	325	192	236	32.60	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	70	103	96	23.75	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3467	3551	3717	3578	3.56	cps
Rhodium	103-1	5513474	5485287	5415321	5471361	0.92	cps
Rhodium	103-2	1368049	1366841	1352762	1362550	0.62	cps
Scandium	45-1	3106862	3103999	3136338	3115733	0.57	cps
Scandium	45-2	23420	23116	23183	23239	0.69	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-32	-39	-31	-34	-12.21	cps
Silicon	28-1	950736	956259	948793	951929	0.41	cps
Silver	109-1	258	233	217	236	8.88	cps
Silver	107-1	258	158	167	194	28.54	cps
Sodium	23-2	74596	76112	74981	75230	1.05	cps
Strontium	86-1	8386	8153	8453	8331	1.89	cps
Strontium	88-1	69980	68815	69017	69271	0.90	cps
Sulfur	34-1	326906	325179	327806	326631	0.41	cps
Terbium	159-1	7861331	7781660	7840470	7827821	0.53	cps
Terbium	159-2	1455310	1448072	1447007	1450130	0.31	cps
Thallium	203-1	217	142	175	178	21.14	cps
Thallium	205-1	408	433	383	408	6.12	cps
Tin	118-1	308	458	358	375	20.37	cps
Titanium	47-1	292	292	225	269	14.28	cps
Uranium	238-1	117	183	117	139	27.71	cps
Vanadium	51-2	63	73	60	66	10.58	cps
Yttrium	89-1	6132737	6095223	6070644	6099534	0.51	cps
Yttrium	89-2	173938	174411	173476	173942	0.27	cps
Zinc	66-2	147	153	120	140	12.60	cps
Zirconium	90-1	467	508	550	508	8.20	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL1	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:22:21	DataFile Name :	058SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	92	108	97	9.90	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:25:32 DataFile Name : 059SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	83	42	53	50.76	cps
Antimony	121-1	150	208	183	181	16.21	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	2917	2709	2725	2784	4.16	cps
Barium	137-1	4809	5093	4976	4960	2.87	cps
Beryllium	9-1	94	56	72	74	26.34	cps
Bismuth	209-1	5054087	5083531	5096912	5078177	0.43	cps
Bismuth	209-2	1195064	1192966	1202472	1196834	0.42	cps
Boron	10-1	6277	6185	6068	6177	1.69	cps
Boron	11-1	29364	29139	29832	29445	1.20	cps
Cadmium	111-1	795	773	692	754	7.20	cps
Cadmium	106-1	1108	1083	975	1056	6.71	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	64013	64733	63762	64169	0.78	cps
Calcium	44-1	1043862	1044123	1041105	1043030	0.16	cps
Chromium	52-2	687	613	650	650	5.64	cps
Cobalt	59-2	43	37	27	36	23.58	cps
Copper	63-2	203	150	193	182	15.56	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	33	33	75	47	50.95	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	7463491	7385928	7436532	7428650	0.53	cps
Holmium	165-2	1463435	1471996	1463439	1466290	0.34	cps
Indium	115-1	5891899	5867485	5892863	5884082	0.24	cps
Indium	115-2	234436	235541	234154	234710	0.31	cps
Iron	56-2	11311	10893	11122	11108	1.88	cps
Iron	57-2	306	228	256	263	14.99	cps
Lead	206-1	1667	1539	1661	1622	4.45	cps
Lead	207-1	1322	1350	1339	1337	1.05	cps
Lead	208-1	6418	6373	6406	6399	0.36	cps
Lithium	6-1	860679	858058	861739	860159	0.22	cps
Magnesium	24-2	27937	27845	28204	27995	0.67	cps
Manganese	55-2	1507	1463	1447	1472	2.10	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-08DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL5 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:25:32 DataFile Name : 059SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	242	167	200	19.10	cps
Molybdenum	95-1	33	17	67	39	65.47	cps
Molybdenum	96-1	75	117	125	106	25.38	cps
Molybdenum	97-1	50	50	67	56	17.32	cps
Molybdenum	98-1	50	133	100	94	44.41	cps
Neodymium	150-1	20	7	33	20	66.65	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	103	77	80	87	16.77	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2817	2717	2842	2792	2.37	cps
Rhodium	103-1	5431581	5470724	5389444	5430583	0.75	cps
Rhodium	103-2	1334747	1337061	1330543	1334117	0.25	cps
Scandium	45-1	3072844	3083649	3123904	3093466	0.87	cps
Scandium	45-2	22885	22274	22682	22614	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	11	-2	-12	-1	-1016.70	cps
Silicon	28-1	1943114	1963968	1928462	1945181	0.92	cps
Silver	109-1	158	217	100	158	36.84	cps
Silver	107-1	225	200	225	217	6.66	cps
Sodium	23-2	73868	75475	75090	74811	1.12	cps
Strontium	86-1	15167	15109	16010	15429	3.27	cps
Strontium	88-1	131377	130974	128390	130247	1.24	cps
Sulfur	34-1	324933	324439	323840	324404	0.17	cps
Terbium	159-1	7781058	7674414	7722428	7725966	0.69	cps
Terbium	159-2	1428616	1431293	1421665	1427192	0.35	cps
Thallium	203-1	158	192	158	169	11.36	cps
Thallium	205-1	417	367	408	397	6.74	cps
Tin	118-1	358	408	383	383	6.52	cps
Titanium	47-1	233	317	333	294	18.19	cps
Uranium	238-1	725	533	625	628	15.27	cps
Vanadium	51-2	127	100	60	96	35.12	cps
Yttrium	89-1	6056200	5970167	5921630	5982666	1.14	cps
Yttrium	89-2	169956	171512	170056	170508	0.51	cps
Zinc	66-2	133	150	213	166	25.49	cps
Zirconium	90-1	408	433	450	431	4.87	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL5	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:25:32	DataFile Name :	059SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	108	100	94	18.37	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:28:42 DataFile Name : 060SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	250	292	425	322	28.37	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	1600	1784	1609	1664	6.22	cps
Barium	137-1	2825	2867	2642	2778	4.31	cps
Beryllium	9-1	44	78	67	63	26.95	cps
Bismuth	209-1	5048549	5028460	5033150	5036720	0.21	cps
Bismuth	209-2	1177875	1178300	1178907	1178361	0.04	cps
Boron	10-1	1433	1417	1267	1372	6.69	cps
Boron	11-1	6043	6285	5943	6090	2.89	cps
Cadmium	111-1	778	712	788	759	5.40	cps
Cadmium	106-1	1083	992	1092	1056	5.26	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	22185	21042	21976	21734	2.80	cps
Calcium	44-1	350174	352923	353333	352144	0.49	cps
Chromium	52-2	610	600	610	607	0.95	cps
Cobalt	59-2	30	83	33	49	61.12	cps
Copper	63-2	383	430	373	396	7.65	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	7232826	7329548	7317326	7293233	0.72	cps
Holmium	165-2	1439480	1429171	1440246	1436299	0.43	cps
Indium	115-1	5746172	5763839	5789699	5766570	0.38	cps
Indium	115-2	230371	228527	229380	229426	0.40	cps
Iron	56-2	12039	12345	12133	12172	1.29	cps
Iron	57-2	272	378	361	337	16.84	cps
Lead	206-1	967	1178	1089	1078	9.83	cps
Lead	207-1	933	939	933	935	0.34	cps
Lead	208-1	4011	4362	4273	4215	4.32	cps
Lithium	6-1	836547	843689	844437	841558	0.52	cps
Magnesium	24-2	9045	8995	8553	8864	3.05	cps
Manganese	55-2	930	880	920	910	2.91	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-09DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY66 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:28:42 DataFile Name : 060SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	258	233	242	5.97	cps
Molybdenum	95-1	158	150	133	147	8.65	cps
Molybdenum	96-1	200	225	92	172	41.15	cps
Molybdenum	97-1	100	100	92	97	4.95	cps
Molybdenum	98-1	233	283	250	256	9.96	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	93	97	87	92	5.52	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3451	3517	3684	3551	3.39	cps
Rhodium	103-1	5407942	5331691	5333459	5357698	0.81	cps
Rhodium	103-2	1319487	1313172	1316247	1316302	0.24	cps
Scandium	45-1	3033789	2995154	3056700	3028548	1.03	cps
Scandium	45-2	22401	22475	22438	22438	0.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-123	1	-24	-49	-135.06	cps
Silicon	28-1	944719	941266	941968	942651	0.19	cps
Silver	109-1	167	150	117	144	17.63	cps
Silver	107-1	267	217	183	222	18.88	cps
Sodium	23-2	82154	82984	83034	82724	0.60	cps
Strontium	86-1	8912	8945	8953	8937	0.25	cps
Strontium	88-1	72954	72602	72426	72661	0.37	cps
Sulfur	34-1	313848	319378	313127	315451	1.08	cps
Terbium	159-1	7615847	7558814	7646077	7606913	0.58	cps
Terbium	159-2	1405905	1399110	1405395	1403470	0.27	cps
Thallium	203-1	192	142	217	183	20.83	cps
Thallium	205-1	308	350	283	314	10.73	cps
Tin	118-1	275	358	475	369	27.19	cps
Titanium	47-1	275	392	200	289	33.43	cps
Uranium	238-1	142	192	183	172	15.56	cps
Vanadium	51-2	73	93	50	72	30.03	cps
Yttrium	89-1	5800157	5819339	5949448	5856314	1.39	cps
Yttrium	89-2	168697	167984	168568	168416	0.23	cps
Zinc	66-2	150	160	193	168	13.53	cps
Zirconium	90-1	442	525	375	447	16.80	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY66	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:28:42	DataFile Name :	060SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	100	42	106	63.32	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:31:53 DataFile Name : 061SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.31	cps
Antimony	121-1	408	350	292	350	16.67	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	1592	1742	1717	1684	4.77	cps
Barium	137-1	2592	3101	2625	2773	10.26	cps
Beryllium	9-1	44	56	50	50	11.11	cps
Bismuth	209-1	4898207	4911760	5006939	4938969	1.20	cps
Bismuth	209-2	1168285	1170481	1170301	1169689	0.10	cps
Boron	10-1	1250	1158	1200	1203	3.82	cps
Boron	11-1	5059	4976	4876	4971	1.85	cps
Cadmium	111-1	675	612	740	676	9.47	cps
Cadmium	106-1	950	867	1042	953	9.19	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	22945	22544	22561	22683	1.00	cps
Calcium	44-1	372027	371489	370705	371407	0.18	cps
Chromium	52-2	560	657	650	622	8.68	cps
Cobalt	59-2	40	23	30	31	26.97	cps
Copper	63-2	343	377	317	346	8.70	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	25	100	58	61	61.49	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	7261064	7276461	7211099	7249541	0.47	cps
Holmium	165-2	1435260	1432303	1437060	1434874	0.17	cps
Indium	115-1	5703917	5681355	5708339	5697870	0.25	cps
Indium	115-2	228647	228990	228825	228821	0.07	cps
Iron	56-2	13001	13690	13407	13366	2.59	cps
Iron	57-2	328	333	339	333	1.67	cps
Lead	206-1	961	1028	945	978	4.51	cps
Lead	207-1	917	983	845	915	7.59	cps
Lead	208-1	3845	4028	3861	3911	2.59	cps
Lithium	6-1	835150	831173	835563	833962	0.29	cps
Magnesium	24-2	10104	9387	9695	9729	3.70	cps
Manganese	55-2	737	747	747	743	0.78	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:31:53 DataFile Name : 061SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	200	192	217	16.77	cps
Molybdenum	95-1	100	133	133	122	15.74	cps
Molybdenum	96-1	242	200	200	214	11.25	cps
Molybdenum	97-1	75	108	92	92	18.18	cps
Molybdenum	98-1	200	167	142	169	17.27	cps
Neodymium	150-1	7	27	33	22	62.44	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	77	90	130	99	28.07	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3367	3434	3234	3345	3.05	cps
Rhodium	103-1	5266406	5344405	5182122	5264311	1.54	cps
Rhodium	103-2	1311458	1311018	1308917	1310464	0.10	cps
Scandium	45-1	2999503	3030062	3000334	3009966	0.58	cps
Scandium	45-2	22254	21744	22695	22231	2.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-86	9	-17	-31	-157.05	cps
Silicon	28-1	946323	1013488	1015750	991854	3.98	cps
Silver	109-1	142	108	108	119	16.11	cps
Silver	107-1	208	183	183	192	7.53	cps
Sodium	23-2	85833	83562	86202	85199	1.68	cps
Strontium	86-1	8953	8962	8820	8912	0.89	cps
Strontium	88-1	75610	74680	74470	74920	0.81	cps
Sulfur	34-1	314407	311224	308097	311242	1.01	cps
Terbium	159-1	7524197	7502415	7449337	7491983	0.51	cps
Terbium	159-2	1399562	1389165	1399736	1396154	0.43	cps
Thallium	203-1	75	183	183	147	42.49	cps
Thallium	205-1	283	342	292	306	10.33	cps
Tin	118-1	375	500	317	397	23.58	cps
Titanium	47-1	400	217	225	281	36.93	cps
Uranium	238-1	92	92	117	100	14.43	cps
Vanadium	51-2	87	67	87	80	14.43	cps
Yttrium	89-1	5843488	5787232	5790642	5807121	0.54	cps
Yttrium	89-2	167641	169266	167455	168121	0.59	cps
Zinc	66-2	150	137	120	136	11.09	cps
Zirconium	90-1	492	442	433	456	6.93	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:31:53	DataFile Name :	061SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	92	142	111	24.11	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:35:04 DataFile Name : 062SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	17	25	33.32	cps
Antimony	121-1	300	383	333	339	12.38	cps
Arsenic	75-2	4	2	9	5	78.12	cps
Barium	135-1	1759	1792	1809	1786	1.43	cps
Barium	137-1	2925	3234	2784	2981	7.72	cps
Beryllium	9-1	67	50	50	56	17.32	cps
Bismuth	209-1	5080711	5046393	5093071	5073391	0.48	cps
Bismuth	209-2	1214663	1084718	1206191	1168524	6.22	cps
Boron	10-1	1017	1117	1142	1092	6.06	cps
Boron	11-1	5093	4768	5318	5059	5.47	cps
Cadmium	111-1	603	715	667	662	8.49	cps
Cadmium	106-1	858	1008	933	933	8.04	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	26083	25065	25883	25677	2.10	cps
Calcium	44-1	411600	413271	412300	412390	0.20	cps
Chromium	52-2	630	597	667	631	5.55	cps
Cobalt	59-2	37	33	33	34	5.60	cps
Copper	63-2	363	303	380	349	11.56	cps
Dysprosium	156-1	42	25	33	33	25.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	75	25	58	53	48.24	cps
Gadolinium	160-2	0	7	20	9	114.55	cps
Holmium	165-1	7503705	7533019	7438610	7491778	0.64	cps
Holmium	165-2	1478319	1329282	1475383	1427661	5.97	cps
Indium	115-1	5899183	5968952	5939162	5935766	0.59	cps
Indium	115-2	237421	210336	236447	228068	6.74	cps
Iron	56-2	15126	14458	14581	14722	2.42	cps
Iron	57-2	344	378	339	354	5.95	cps
Lead	206-1	1028	928	1206	1054	13.35	cps
Lead	207-1	845	983	950	926	7.83	cps
Lead	208-1	4123	3984	4389	4165	4.95	cps
Lithium	6-1	859603	865847	858253	861234	0.47	cps
Magnesium	24-2	10571	10463	10454	10496	0.62	cps
Manganese	55-2	777	873	707	786	10.65	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-11DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7D Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:35:04 DataFile Name : 062SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	183	200	217	20.35	cps
Molybdenum	95-1	117	150	175	147	19.88	cps
Molybdenum	96-1	217	192	192	200	7.22	cps
Molybdenum	97-1	67	100	150	106	39.74	cps
Molybdenum	98-1	183	200	183	189	5.09	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	73	93	84	12.07	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3776	3234	3476	3495	7.77	cps
Rhodium	103-1	5488261	5523827	5435179	5482422	0.81	cps
Rhodium	103-2	1358613	1209802	1344541	1304319	6.30	cps
Scandium	45-1	3106946	3110875	3150912	3122911	0.78	cps
Scandium	45-2	22866	20165	23129	22053	7.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	22	16	-26	4	672.95	cps
Silicon	28-1	1006831	1012957	1012825	1010871	0.35	cps
Silver	109-1	183	117	175	158	22.94	cps
Silver	107-1	183	217	192	197	8.80	cps
Sodium	23-2	93598	91435	91359	92131	1.38	cps
Strontium	86-1	9495	9604	9787	9629	1.53	cps
Strontium	88-1	82206	81174	82391	81924	0.80	cps
Sulfur	34-1	323822	324054	321975	323284	0.35	cps
Terbium	159-1	7720937	7769163	7787550	7759217	0.44	cps
Terbium	159-2	1438752	1290483	1437593	1388943	6.14	cps
Thallium	203-1	133	142	125	133	6.25	cps
Thallium	205-1	342	275	292	303	11.46	cps
Tin	118-1	300	317	433	350	20.76	cps
Titanium	47-1	225	192	258	225	14.81	cps
Uranium	238-1	275	83	142	167	58.95	cps
Vanadium	51-2	100	80	97	92	11.62	cps
Yttrium	89-1	6115207	6088546	5999523	6067759	1.00	cps
Yttrium	89-2	173014	155646	172315	166992	5.89	cps
Zinc	66-2	133	127	147	136	7.51	cps
Zirconium	90-1	450	467	558	492	11.86	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:35:04	DataFile Name :	062SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	108	86	29.56	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 19:38:15 DataFile Name : 063SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	92	183	142	139	33.05	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	408	325	483	406	19.53	cps
Barium	137-1	558	717	750	675	15.17	cps
Beryllium	9-1	61	61	89	70	22.79	cps
Bismuth	209-1	5081387	5068293	5080412	5076697	0.14	cps
Bismuth	209-2	1209283	1208425	1218152	1211953	0.44	cps
Boron	10-1	692	550	733	658	14.60	cps
Boron	11-1	3592	3067	3159	3273	8.57	cps
Cadmium	111-1	698	777	857	777	10.24	cps
Cadmium	106-1	975	1100	1200	1092	10.33	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	5818	5026	5418	5421	7.31	cps
Calcium	44-1	82677	84655	84621	83984	1.35	cps
Chromium	52-2	617	577	587	593	3.51	cps
Cobalt	59-2	27	10	13	17	52.93	cps
Copper	63-2	160	187	137	161	15.53	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	50	58	25	44	39.04	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	7490364	7471685	7479858	7480636	0.13	cps
Holmium	165-2	1485078	1472647	1476843	1478190	0.43	cps
Indium	115-1	5875839	5928469	5939536	5914615	0.58	cps
Indium	115-2	236009	236650	236753	236470	0.17	cps
Iron	56-2	3484	3578	3740	3601	3.59	cps
Iron	57-2	83	117	56	85	35.92	cps
Lead	206-1	817	617	633	689	16.11	cps
Lead	207-1	689	617	600	635	7.44	cps
Lead	208-1	3150	2761	2845	2919	7.02	cps
Lithium	6-1	860133	863469	861790	861797	0.19	cps
Magnesium	24-2	1967	2000	2067	2011	2.53	cps
Manganese	55-2	160	120	173	151	18.37	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-10LDLX100 Instrumnet Name : P8
 Client Sample ID : MBDXL7L Dilution Factor : 100
 Date & Time Acquired :: 2017-11-02 19:38:15 DataFile Name : 063SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	167	150	169	12.38	cps
Molybdenum	95-1	33	67	67	56	34.65	cps
Molybdenum	96-1	50	117	100	89	39.03	cps
Molybdenum	97-1	58	83	33	58	42.86	cps
Molybdenum	98-1	83	75	83	81	5.98	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	70	73	73	4.55	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2209	2075	2325	2203	5.68	cps
Rhodium	103-1	5485042	5474393	5506882	5488772	0.30	cps
Rhodium	103-2	1364196	1355372	1351926	1357165	0.47	cps
Scandium	45-1	3082037	3118909	3089912	3096953	0.63	cps
Scandium	45-2	23290	22905	22936	23043	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-6	-53	-17	-25	-97.39	cps
Silicon	28-1	448909	454162	445507	449526	0.97	cps
Silver	109-1	108	175	108	131	29.48	cps
Silver	107-1	158	208	142	169	20.48	cps
Sodium	23-2	20967	19689	20157	20271	3.19	cps
Strontium	86-1	2092	2042	2109	2081	1.67	cps
Strontium	88-1	15142	15184	15017	15114	0.57	cps
Sulfur	34-1	319774	321507	319664	320315	0.32	cps
Terbium	159-1	7780624	7791483	7849891	7807333	0.48	cps
Terbium	159-2	1440269	1435688	1437554	1437837	0.16	cps
Thallium	203-1	175	158	200	178	11.79	cps
Thallium	205-1	475	450	383	436	10.86	cps
Tin	118-1	383	367	342	364	5.76	cps
Titanium	47-1	192	117	100	136	35.88	cps
Uranium	238-1	58	83	58	67	21.65	cps
Vanadium	51-2	30	20	37	29	29.04	cps
Yttrium	89-1	5999007	5998883	6003535	6000475	0.04	cps
Yttrium	89-2	173422	172915	172294	172877	0.33	cps
Zinc	66-2	77	110	73	87	23.40	cps
Zirconium	90-1	400	567	350	439	25.85	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-10LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDXL7L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-02 19:38:15	DataFile Name :	063SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	42	50	61	43.83	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:41:26 DataFile Name : 064SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	542	425	481	12.18	cps
Antimony	121-1	43120	43731	42937	43263	0.96	cps
Arsenic	75-2	180	154	178	170	8.49	cps
Barium	135-1	184663	183801	185070	184511	0.35	cps
Barium	137-1	322184	321957	320439	321527	0.30	cps
Beryllium	9-1	2595	2661	2634	2630	1.27	cps
Bismuth	209-1	5144117	5120165	5083818	5116033	0.59	cps
Bismuth	209-2	1220396	1215267	1170507	1202057	2.28	cps
Boron	10-1	1083	1075	950	1036	7.21	cps
Boron	11-1	4559	4609	4509	4559	1.10	cps
Cadmium	111-1	5144	5129	5119	5131	0.25	cps
Cadmium	106-1	1258	1367	1508	1378	9.10	cps
Cadmium	108-1	346	225	304	292	21.04	cps
Calcium	43-1	25733	26100	25307	25713	1.54	cps
Calcium	44-1	419450	416166	415906	417174	0.47	cps
Chromium	52-2	7485	7409	7672	7522	1.80	cps
Cobalt	59-2	38493	37831	38503	38276	1.01	cps
Copper	63-2	17548	16904	16974	17142	2.06	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	17	10	0	9	94.38	cps
Holmium	165-1	7572744	7536035	7410350	7506376	1.13	cps
Holmium	165-2	1496445	1484072	1446704	1475740	1.75	cps
Indium	115-1	5929730	5953164	5985960	5956284	0.47	cps
Indium	115-2	238675	236312	226601	233862	2.74	cps
Iron	56-2	38570	37930	39251	38584	1.71	cps
Iron	57-2	844	972	833	883	8.74	cps
Lead	206-1	6763	6496	6491	6583	2.36	cps
Lead	207-1	5846	6185	5874	5968	3.15	cps
Lead	208-1	27185	27702	26812	27233	1.64	cps
Lithium	6-1	870366	864627	866219	867070	0.34	cps
Magnesium	24-2	11130	10688	10529	10782	2.89	cps
Manganese	55-2	5971	5618	5708	5766	3.19	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-12DLX20 Instrumnet Name : P8
 Client Sample ID : MBDXL7S Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:41:26 DataFile Name : 064SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	333	275	300	10.02	cps
Molybdenum	95-1	300	258	425	328	26.46	cps
Molybdenum	96-1	375	450	500	442	14.25	cps
Molybdenum	97-1	250	267	133	217	33.53	cps
Molybdenum	98-1	525	533	467	508	7.15	cps
Neodymium	150-1	33	40	33	36	10.83	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	11568	11488	11585	11547	0.45	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3892	3542	3551	3662	5.45	cps
Rhodium	103-1	5535416	5522018	5393001	5483478	1.43	cps
Rhodium	103-2	1365944	1358509	1303531	1342662	2.54	cps
Scandium	45-1	3144439	3141719	3139763	3141974	0.07	cps
Scandium	45-2	23226	22802	22228	22752	2.20	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	11	9	13	11	16.65	cps
Selenium	82-1	489	519	425	478	10.07	cps
Silicon	28-1	1018230	1014389	1030123	1020914	0.80	cps
Silver	109-1	22461	22261	22345	22356	0.45	cps
Silver	107-1	23613	23480	23196	23430	0.91	cps
Sodium	23-2	95746	95536	94782	95355	0.53	cps
Strontium	86-1	9754	9679	9921	9785	1.26	cps
Strontium	88-1	84353	84327	84352	84344	0.02	cps
Sulfur	34-1	328661	328404	326628	327898	0.34	cps
Terbium	159-1	7907664	7781449	7772166	7820426	0.97	cps
Terbium	159-2	1453537	1440652	1400959	1431716	1.91	cps
Thallium	203-1	18097	17655	17338	17696	2.16	cps
Thallium	205-1	41703	42188	42146	42012	0.64	cps
Tin	118-1	375	467	483	442	13.21	cps
Titanium	47-1	217	375	517	369	40.63	cps
Uranium	238-1	175	108	133	139	24.25	cps
Vanadium	51-2	13143	12813	12663	12873	1.91	cps
Yttrium	89-1	6034343	6051070	6055092	6046835	0.18	cps
Yttrium	89-2	174228	173132	165805	171055	2.68	cps
Zinc	66-2	3080	3240	3100	3140	2.78	cps
Zirconium	90-1	433	408	450	431	4.87	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDXL7S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:41:26	DataFile Name :	064SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	92	108	13.32	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:44:37 DataFile Name : 065SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	75	142	117	111	30.31	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	33	25	25	28	17.31	cps
Barium	137-1	25	42	25	31	31.50	cps
Beryllium	9-1	72	44	100	72	38.46	cps
Bismuth	209-1	5061666	5121082	5044513	5075753	0.79	cps
Bismuth	209-2	1217712	1215753	1208824	1214096	0.38	cps
Boron	10-1	708	567	608	628	11.60	cps
Boron	11-1	2834	2675	2392	2634	8.50	cps
Cadmium	111-1	730	755	848	778	7.99	cps
Cadmium	106-1	1050	1042	1208	1100	8.54	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	967	925	933	942	2.34	cps
Calcium	44-1	10679	11230	11021	10977	2.53	cps
Chromium	52-2	563	457	603	541	14.01	cps
Cobalt	59-2	37	23	40	33	26.47	cps
Copper	63-2	127	177	103	136	27.64	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	17	22	43.30	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	7504878	7395315	7407271	7435821	0.81	cps
Holmium	165-2	1482212	1471803	1475696	1476570	0.36	cps
Indium	115-1	5974836	5870636	5926574	5924015	0.88	cps
Indium	115-2	235060	237281	232934	235092	0.92	cps
Iron	56-2	1250	1322	1333	1302	3.48	cps
Iron	57-2	17	50	50	39	49.48	cps
Lead	206-1	789	667	733	730	8.39	cps
Lead	207-1	600	617	506	574	10.44	cps
Lead	208-1	2634	2667	2761	2687	2.47	cps
Lithium	6-1	860908	861957	866691	863185	0.36	cps
Magnesium	24-2	83	142	100	108	27.73	cps
Manganese	55-2	13	23	17	18	28.64	cps

LB Number : LB91363 Operator : Jaswal
 Lab Sample ID : I6104-16DLX20 Instrumnet Name : P8
 Client Sample ID : MBDY26 Dilution Factor : 20
 Date & Time Acquired :: 2017-11-02 19:44:37 DataFile Name : 065SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	133	225	161	34.44	cps
Molybdenum	95-1	0	8	8	6	86.60	cps
Molybdenum	96-1	83	42	50	58	37.80	cps
Molybdenum	97-1	25	42	58	42	40.00	cps
Molybdenum	98-1	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	120	63	86	35.35	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2009	2117	1909	2011	5.18	cps
Rhodium	103-1	5460994	5473177	5511389	5481853	0.48	cps
Rhodium	103-2	1364286	1354192	1346970	1355149	0.64	cps
Scandium	45-1	3134449	3131368	3121789	3129202	0.21	cps
Scandium	45-2	23900	22992	23684	23525	2.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	9	-17	30	7	323.41	cps
Silicon	28-1	307458	301025	303828	304104	1.06	cps
Silver	109-1	142	150	192	161	16.63	cps
Silver	107-1	125	167	42	111	57.28	cps
Sodium	23-2	4026	4751	4259	4345	8.52	cps
Strontium	86-1	433	483	383	433	11.54	cps
Strontium	88-1	275	208	142	208	32.00	cps
Sulfur	34-1	326815	325433	324590	325613	0.35	cps
Terbium	159-1	7854818	7792868	7657666	7768451	1.30	cps
Terbium	159-2	1442302	1433393	1434300	1436665	0.34	cps
Thallium	203-1	183	275	158	206	29.88	cps
Thallium	205-1	358	450	550	453	21.17	cps
Tin	118-1	308	325	283	306	6.86	cps
Titanium	47-1	75	142	108	108	30.77	cps
Uranium	238-1	8	17	42	22	78.07	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	6043160	6033541	6052474	6043058	0.16	cps
Yttrium	89-2	174533	173934	173179	173882	0.39	cps
Zinc	66-2	53	33	43	43	23.08	cps
Zirconium	90-1	400	392	400	397	1.21	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	I6104-16DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDY26	Dilution Factor :	20
Date & Time Acquired ::	2017-11-02 19:44:37	DataFile Name :	065SMPL_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	58	58	67	21.65	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218694	222120	218068	219627	0.99	cps
Antimony	121-1	3949538	3854622	3888321	3897494	1.23	cps
Arsenic	75-2	38626	38671	38333	38543	0.48	cps
Barium	135-1	4134937	4153234	4168469	4152213	0.40	cps
Barium	137-1	7128791	7099095	7140208	7122698	0.30	cps
Beryllium	9-1	431621	431638	433423	432227	0.24	cps
Bismuth	209-1	4782802	4782493	4799806	4788367	0.21	cps
Bismuth	209-2	1147157	1045156	1130768	1107694	4.95	cps
Boron	10-1	49353	49361	51703	50139	2.70	cps
Boron	11-1	230991	236272	241831	236365	2.29	cps
Cadmium	111-1	786943	779229	783285	783153	0.49	cps
Cadmium	106-1	80601	81496	80951	81016	0.56	cps
Cadmium	108-1	55941	56003	55560	55835	0.43	cps
Calcium	43-1	3883933	3852115	3897351	3877800	0.60	cps
Calcium	44-1	62858822	62719541	63013358	62863907	0.23	cps
Chromium	52-2	311829	309140	306232	309067	0.91	cps
Cobalt	59-2	650949	650483	646205	649213	0.40	cps
Copper	63-2	1122360	1118401	1117764	1119508	0.22	cps
Dysprosium	156-1	108	58	42	69	49.96	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	50	17	100	56	75.50	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	37	20	30	29	29.04	cps
Holmium	165-1	7485814	7407495	7517984	7470431	0.76	cps
Holmium	165-2	1487798	1348484	1469351	1435211	5.27	cps
Indium	115-1	5740100	5664376	5687251	5697243	0.68	cps
Indium	115-2	227197	203387	223757	218114	5.90	cps
Iron	56-2	50644779	50428836	50483434	50519016	0.22	cps
Iron	57-2	1273349	1261746	1255453	1263516	0.72	cps
Lead	206-1	2541283	2575466	2523706	2546818	1.03	cps
Lead	207-1	2328051	2318825	2309119	2318665	0.41	cps
Lead	208-1	10464267	10473017	10377579	10438288	0.51	cps
Lithium	6-1	846837	851773	857473	852028	0.62	cps
Magnesium	24-2	5483568	5473839	5478510	5478639	0.09	cps
Manganese	55-2	173806	171762	171754	172441	0.69	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3001415	3022633	3054947	3026332	0.89	cps
Molybdenum	95-1	1628731	1640135	1624691	1631186	0.49	cps
Molybdenum	96-1	2117686	2143435	2136199	2132440	0.62	cps
Molybdenum	97-1	979502	981768	991906	984392	0.67	cps
Molybdenum	98-1	2607424	2623482	2638781	2623229	0.60	cps
Neodymium	150-1	200	160	207	189	13.36	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	188648	190534	191277	190153	0.71	cps
Phosphorus	31-2	3117	2859	2917	2964	4.57	cps
Potassium	39-2	1495659	1511338	1504039	1503679	0.52	cps
Rhodium	103-1	5145892	5131012	5132197	5136367	0.16	cps
Rhodium	103-2	1272784	1157342	1260523	1230216	5.15	cps
Scandium	45-1	3131317	3132526	3143306	3135716	0.21	cps
Scandium	45-2	23316	21804	23380	22833	3.91	cps
Selenium	77-2	217	290	220	242	17.10	cps
Selenium	78-2	907	950	861	906	4.91	cps
Selenium	82-1	48640	48299	48423	48454	0.36	cps
Silicon	28-1	1723169	1744670	1739420	1735753	0.65	cps
Silver	109-1	3759335	3697931	3717230	3724832	0.84	cps
Silver	107-1	3897440	3902484	3888781	3896235	0.18	cps
Sodium	23-2	11931389	12005693	12003994	11980359	0.35	cps
Strontium	86-1	1017716	1012772	1026233	1018907	0.67	cps
Strontium	88-1	8960835	8947782	8992267	8966961	0.26	cps
Sulfur	34-1	534945	526618	535187	532250	0.92	cps
Terbium	159-1	7861437	7696354	7735042	7764278	1.11	cps
Terbium	159-2	1429009	1315812	1431553	1392124	4.75	cps
Thallium	203-1	3154068	3134665	3190831	3159855	0.90	cps
Thallium	205-1	7383001	7434480	7369522	7395668	0.46	cps
Tin	118-1	2693873	2658564	2709679	2687372	0.97	cps
Titanium	47-1	389145	391561	393131	391279	0.51	cps
Uranium	238-1	10476434	10479361	10446485	10467427	0.17	cps
Vanadium	51-2	228483	227040	226452	227325	0.46	cps
Yttrium	89-1	5971935	5939112	6051901	5987649	0.97	cps
Yttrium	89-2	173726	157253	170678	167219	5.24	cps
Zinc	66-2	101662	103328	101515	102168	0.99	cps
Zirconium	90-1	5699384	5722252	5696089	5705908	0.25	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:47:48	DataFile Name :	066CCV_P8110217 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1247208	1244737	1253376	1248440	0.36	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:50:52	DataFile Name :	067CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	1600	1609	1709	1639	3.68	cps
Arsenic	75-2	2	6	0	2	114.63	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	33	75	75	61	39.37	cps
Beryllium	9-1	183	128	144	152	18.77	cps
Bismuth	209-1	4972621	4956729	4989671	4973007	0.33	cps
Bismuth	209-2	1182790	1189432	1188897	1187039	0.31	cps
Boron	10-1	1650	1517	1617	1595	4.35	cps
Boron	11-1	7702	6777	6635	7038	8.24	cps
Cadmium	111-1	880	785	838	834	5.66	cps
Cadmium	106-1	1158	1075	1108	1114	3.77	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	958	1075	1025	1020	5.74	cps
Calcium	44-1	12648	12531	12698	12626	0.68	cps
Chromium	52-2	603	563	550	572	4.85	cps
Cobalt	59-2	33	27	20	27	24.99	cps
Copper	63-2	180	147	137	154	14.69	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	7342239	7266424	7266722	7291795	0.60	cps
Holmium	165-2	1447335	1446371	1449124	1447610	0.10	cps
Indium	115-1	5799666	5843657	5820565	5821296	0.38	cps
Indium	115-2	234487	232794	233266	233515	0.37	cps
Iron	56-2	1661	1545	1433	1546	7.37	cps
Iron	57-2	39	56	50	48	17.63	cps
Lead	206-1	722	717	700	713	1.62	cps
Lead	207-1	600	728	656	661	9.69	cps
Lead	208-1	2761	2967	2967	2898	4.10	cps
Lithium	6-1	863288	867767	864393	865149	0.27	cps
Magnesium	24-2	158	167	108	144	21.84	cps
Manganese	55-2	20	33	23	26	27.15	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:50:52	DataFile Name :	067CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	275	267	281	6.18	cps
Molybdenum	95-1	117	75	75	89	27.07	cps
Molybdenum	96-1	233	233	258	242	5.97	cps
Molybdenum	97-1	92	75	75	81	11.95	cps
Molybdenum	98-1	200	167	175	181	9.61	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	77	63	78	19.33	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	1892	1850	2025	1922	4.76	cps
Rhodium	103-1	5390119	5416302	5439870	5415430	0.46	cps
Rhodium	103-2	1335219	1336235	1335592	1335682	0.04	cps
Scandium	45-1	3089492	3079434	3123400	3097442	0.74	cps
Scandium	45-2	22558	22942	23179	22893	1.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-33	14	50	10	407.10	cps
Silicon	28-1	300210	295852	300637	298900	0.89	cps
Silver	109-1	183	233	192	203	13.21	cps
Silver	107-1	292	242	208	247	16.97	cps
Sodium	23-2	5701	5793	5651	5715	1.26	cps
Strontium	86-1	500	367	458	442	15.44	cps
Strontium	88-1	317	358	317	331	7.28	cps
Sulfur	34-1	316051	314481	314647	315060	0.27	cps
Terbium	159-1	7600114	7601689	7621282	7607695	0.16	cps
Terbium	159-2	1415634	1412985	1407888	1412169	0.28	cps
Thallium	203-1	883	842	900	875	3.43	cps
Thallium	205-1	2042	1925	1892	1953	4.03	cps
Tin	118-1	708	683	517	636	16.38	cps
Titanium	47-1	125	100	100	108	13.33	cps
Uranium	238-1	142	67	83	97	40.51	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Yttrium	89-1	5980781	5989340	5922251	5964124	0.61	cps
Yttrium	89-2	172554	170806	171228	171530	0.53	cps
Zinc	66-2	70	60	77	69	12.18	cps
Zirconium	90-1	742	683	567	664	13.42	cps

LB Number :	LB91363	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2017-11-02 19:50:52	DataFile Name :	067CCBE_P8110217 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	125	167	189	40.99	cps